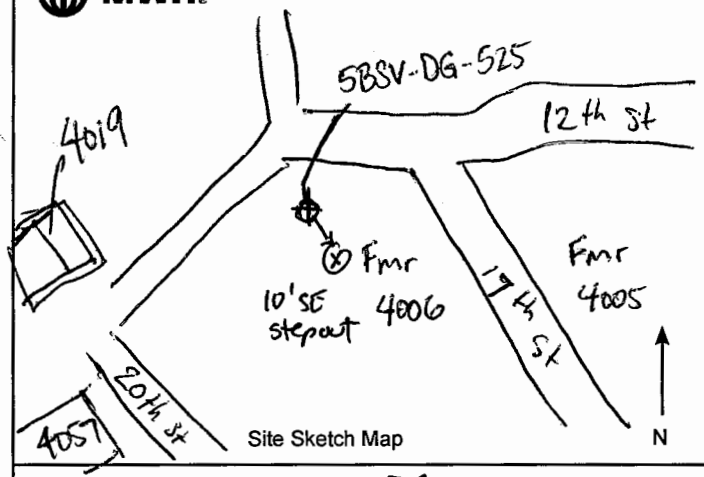
MWH.



Site Sketch Map

Boring ID: 5BSV-DG-525	Sheet 1 of ~~1~~ 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	15'
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): ~~1.25'~~
Drill Bit Type: Macrocore 10 JUN 14 10:50	11:40 10 JUN 14
Drill Start Time/Date: 0830 / 5-14-14	Drill Finish Time/Date: 0844 / 5-14-14
Soil Vapor ID: NON 5BSV-DG-525	Soil Boring Backfill Time/Date: ~~5-14-14~~ 0850 5-14-14 Backfill Material: Soil cuttings
Soil Vapor Well Completion Time/Date: ~~N/A~~ 10 JUN 14;	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): ~~N/A~~ 8.0-9.0, 13.0-14.0	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no) attached	Type of Refusal: ☐ Bedrock ☒ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Graded fill, old road to B4006	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0		~~48"~~ 45"	NONE			0	SM	Silty Sand (SM), brownish yellow (10YR 6/6), loose, dry, fine to medium sand, ~~fine~~ V.V. trace fine gravel, fill. (@ 1.25' Concrete - refusal) before stepout Layer of base gravel 5.0-5.3' bgs ~~TD=1.25', Refusal on concrete.~~ ~~2nd attempt also encountered concrete~~ 5.0-14.0'	TR	-	20	55	25
0.0 ppm		48"				4		Poorly graded sand (SP), yellowish brown (10YR 5/6). loose, slightly moist. Mostly fine sand (80), little silt (15), few medium sand (5) Base gravel throughout, some occasional cobble clasts, weathered w/ oxide rinds. Base pea gravel layer (6" at 11.5' bgs). Base gravel fraction increases from 12'-13' bgs to poorly graded gravel (GP).					
0.2 ppm		5.5' bgs	PID			5			—	—	5	80	15
0.0 ppm		36"				8	SP						

QA/QC
Surficial media boring log rev 2-25-2014

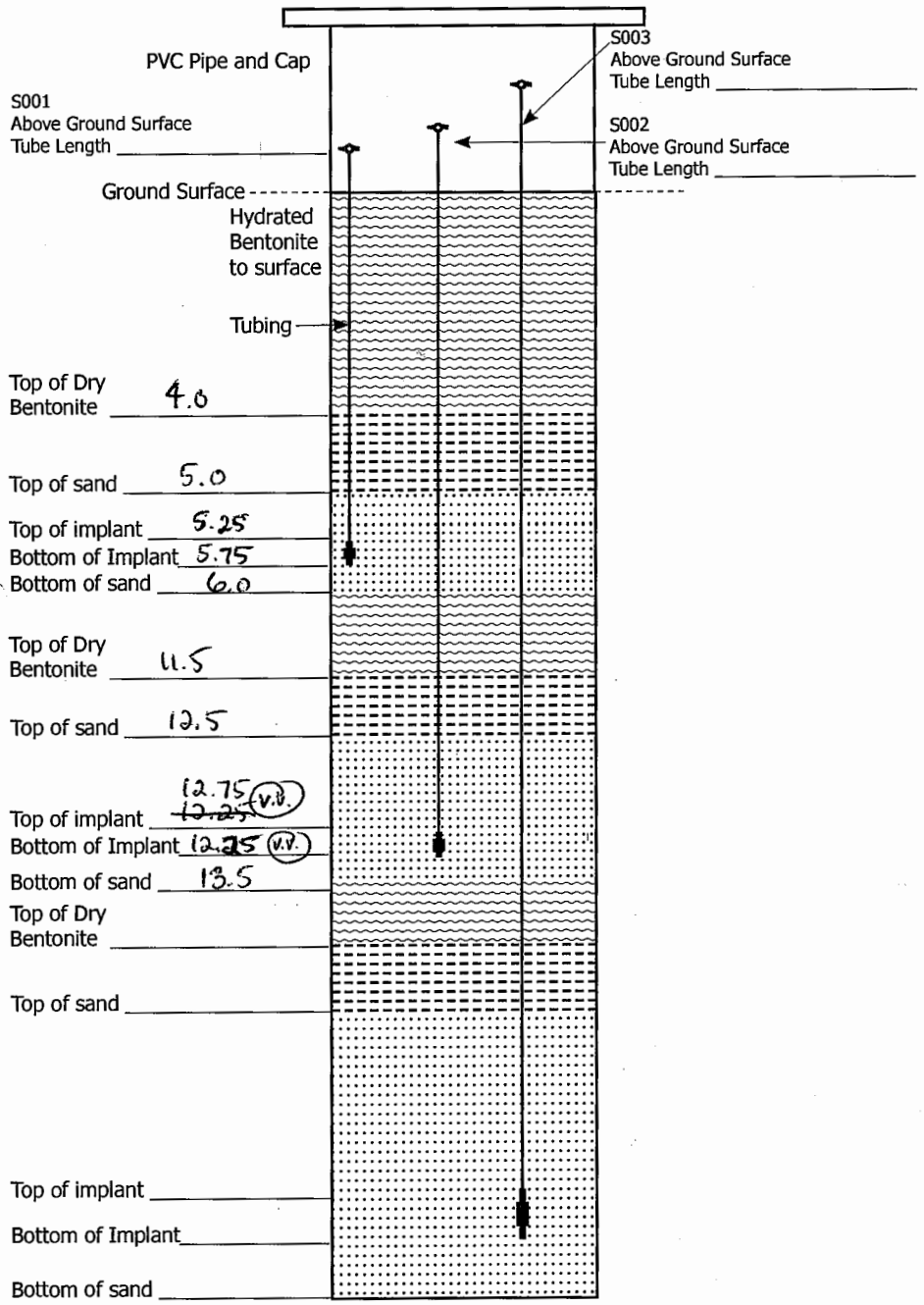
Boring ID: SBSVDG525 Project: Phase 3 DOE SVDG 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10							
						11	SP	14.0-15.0 Poorly graded sand. (SP) yellowish brown (10YR5/8), loose, slightly moist, mostly fine sand (65), little medium sand (20), little silt (15), no stain, no odor, Native weathered bedrock last foraminifera in shale.					
0.0 ppm		36"				12			30	10	20	30	10
						13							
						14	SP		-	-	20	65	15
					TD=	15							
						6		- Backfill hole to 14' bgs. w/ bentonite to avoid shale, and weathered bedrock. Will set two probes in fill.					
						7							
						8							
						9		TD = 15.0' w/ refusal on shale + weathered sandstone bedrock (mid-interbed).					
						0							
						1							
						2		- Piece of elec PVC at ~ 3.0' bgs.					
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-526
Project: Phase 3 DOE SV DG
Job #: 10503050105
Site: 5B
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 13.5'
Borehole Diameter: 2.25"
Probe Completion Date/Time: 5-13-14/1530



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: CEMEX

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

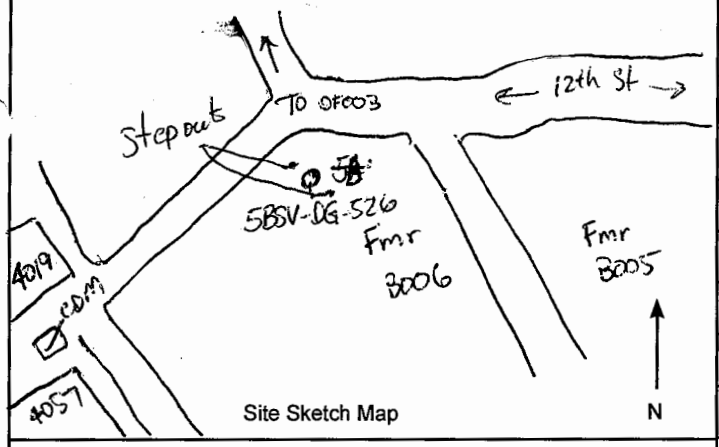
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5BSV-DG-526	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 13.5		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1450 / 5-13-14	Drill Finish Time/Date: 0830 / 5-14-14		
Soil Vapor ID: 5BSV-DG-526	Soil Boring Backfill Time/Date: 0845 / 5-14-14	Backfill Material: Med Chips / Soil cuttings.	
Soil Vapor Well Completion Time/Date: 1530 / 5-13-14	Observations: ☒ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 12.5-13.5, 5.0-6.0	Surface Completion: None / Soil vapor probes		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☐ Bedrock ☒ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Surface Description: Gravel road to Fmr B4006					
								Silty Sand (SM), very pale brown (10YR 7/4), loose, dry, fine sand, non-plastic silt, no odor, no stains, fill	–	–	–	65	35
		48"				1							
						2							
						3		@3' Color changes to yellowish brown (10YR 5/4)					
						4		VV. @3.5' Piece of concrete and steel nail @4' Grades w/ gravel	10	–	–	60	30
		48"				5							
						6							
						7		Silty sand (SM), yellowish brown (10YR 5/4), no gravel	–	–	–	65	35
						8							
						9							

Con't page 2.

Boring ID: SBSV-DG-526 Project: Phase 3 DOE Soil Vapor Data Gap Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X	36"				10							
0.0	X					11	ML	@11' Silt (ML), yellow (10YR 7/6), dense, dry, very low plasticity silt, no odors or stains, ~~native soil~~ fill	-	-	-	-	100/
	X	30"	NONE			12	SP SM	@12' Poorly Graded Sand w/ silt (SP-SM), brown (10YR 5/3), loose, dry, fine and med. sand, silt, fill	-	-	10	80	10/
						13		@13' Concrete w/ nail					
						14		*Note: Refused to (V.P.) on concrete or rebar at 13.5. Set probes at 12.5-13.5 and 5.0-6.0 in primary boring. Drill stepout on 5-14-14					
						15		5-14-14 - con't drilling - try to get past concrete.					
						16		0820 - Drilled 2 add'l holes 6 ft E and W with refusal at 13' and 12.75, respectively. Will re-drill after re-visiting facility diagram using a new ID					
						17							
						18							
						19							
						20							
						1		TD = 13.5, refusal on concrete. Vapor Probes installed at 5.0-6.0, 12.5-13.5'					
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

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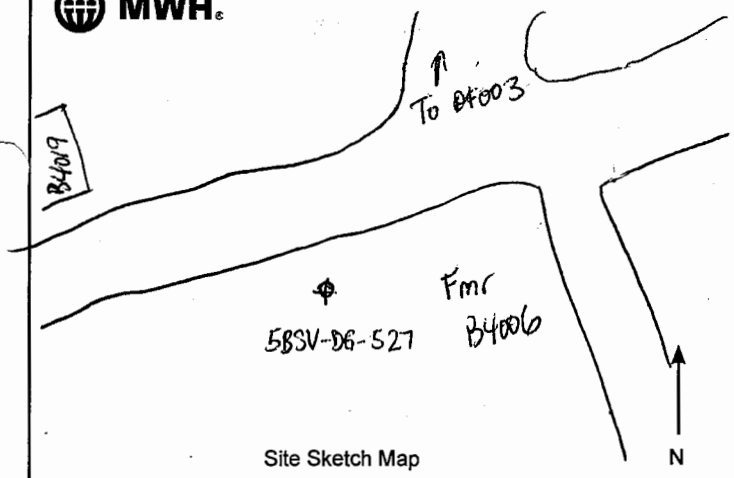


Site Sketch Map

Boring ID: 5BSV-DG-527	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes.
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 2'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1105 / 5-13-14	Drill Finish Time/Date: 1123 / 5-13-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1124 / 5-13-14 Backfill Material: Soil Cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X				NONE	0	SM	Surface Description: Graded surface, mustard Silty Sand (SM), very pale brown (10YR 7/4), loose, dry, fine sand, non-plastic silt, no odors, no stains, fill.	—	—	—	70	30
0.0	X	24"	NONE	NONE		1		@1' color changes to light yellowish brown (10YR 6/4); slight iron staining (brownish yellow 10YR 6/6).					
						2		@2' Weathered Sandstone, Chatsworth Fm					
						3							
						4		TD=2.0', refusal on bedrock, no vapor probe installed, no samples collected.					
						5							
						6							
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-530

Site: 5B

Drilling Contractor: EST

Borehole TD: 8.0'

Job #: 10503982.3050105/10503982.3060105

Reviewed by:

Rig Type/Method: Geoprobe 5400 / DP

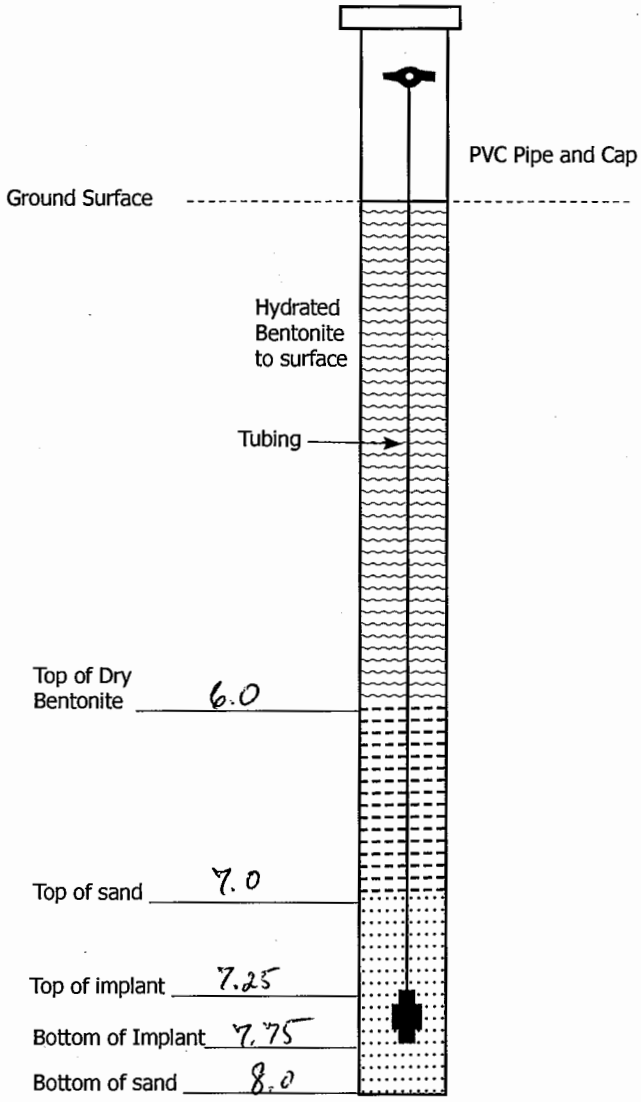
Probe Completion Date/Time: 1015 / 5-13-14

Project: Phase 3 DOE Data Gap Sampling 201

Logged by: V. Vathanasin

Driller: Morgan Hughes

Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel

Length: 6"

Diameter: 3/8"

Tubing Specs

Material: Teflon

Diameter: 1/4"

Color: clear

Sand Pack Specs

Grain Size: #3

Manufacturer: Cemex

Dry Bentonite

Type: CETCO #8

Manufacturer: CETCO

Hydrated Bentonite

Type: #8

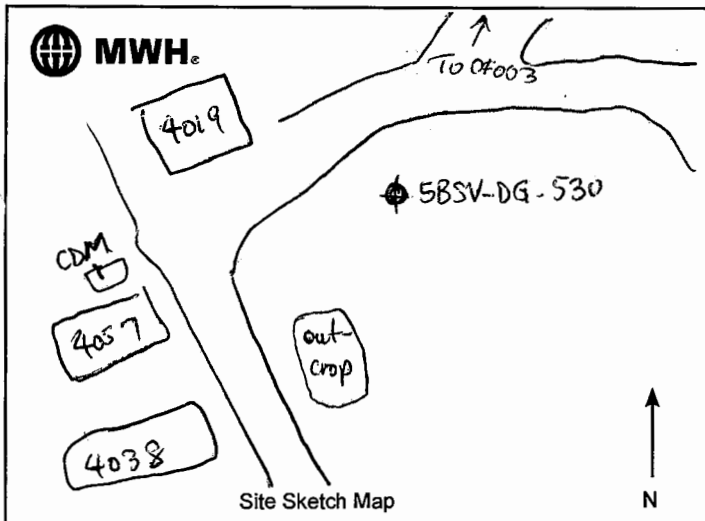
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 5BSV-DG-530	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vatharaain	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 8.0
Drill Bit Type: Macro core	
Drill Start Time/Date: 0915 / 5-13-14	Drill Finish Time/Date: 0935 / 5-13-14
Soil Vapor ID: 5BSV-DG-530-7.0-8.0	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 10:15 / 5-13-2014	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 7.0-8.0	Surface Completion: Soil Vapor Probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Graded fill, weeds					
0.0						0	SP-SM	Poorly Graded Sand w/ Silt (SP-SM), light yellowish brown (10 YR 6/4), loose, dry, fine sand, non-plastic silt, friable, fill	–	–	–	80	20
		48"	NONE	NONE	NONE	1							
						2		@2' grades with medium sand	–	–	30	50	20
						3	ML	@2.5, Silt w/ Sand (ML), very pale brown (10YR 7/4), med. dense, dry, non-plastic silt, fine sand, weak cementation, fill, no odors or stains.	–	–	–	40	60
						4							
0.0						5	SM	V.V. @4.5' Silty Sand (SM), very pale brown (10YR 7/4), loose, dry, fine to med. sand, non-plastic fines, non cemented V.V. @5 grades ~~to~~ w/ increasing medium sand	–	–	10	65	25
		48"	NONE	NONE	NONE	6			–	–	20	55	25
						7							
0.2						8	Br	Sandstone, weathered Chatsworth Fm.					
						9		TD= 8.0 ft, refusal on sandstone; install vapor probe @ 7.0-8.0 ft					

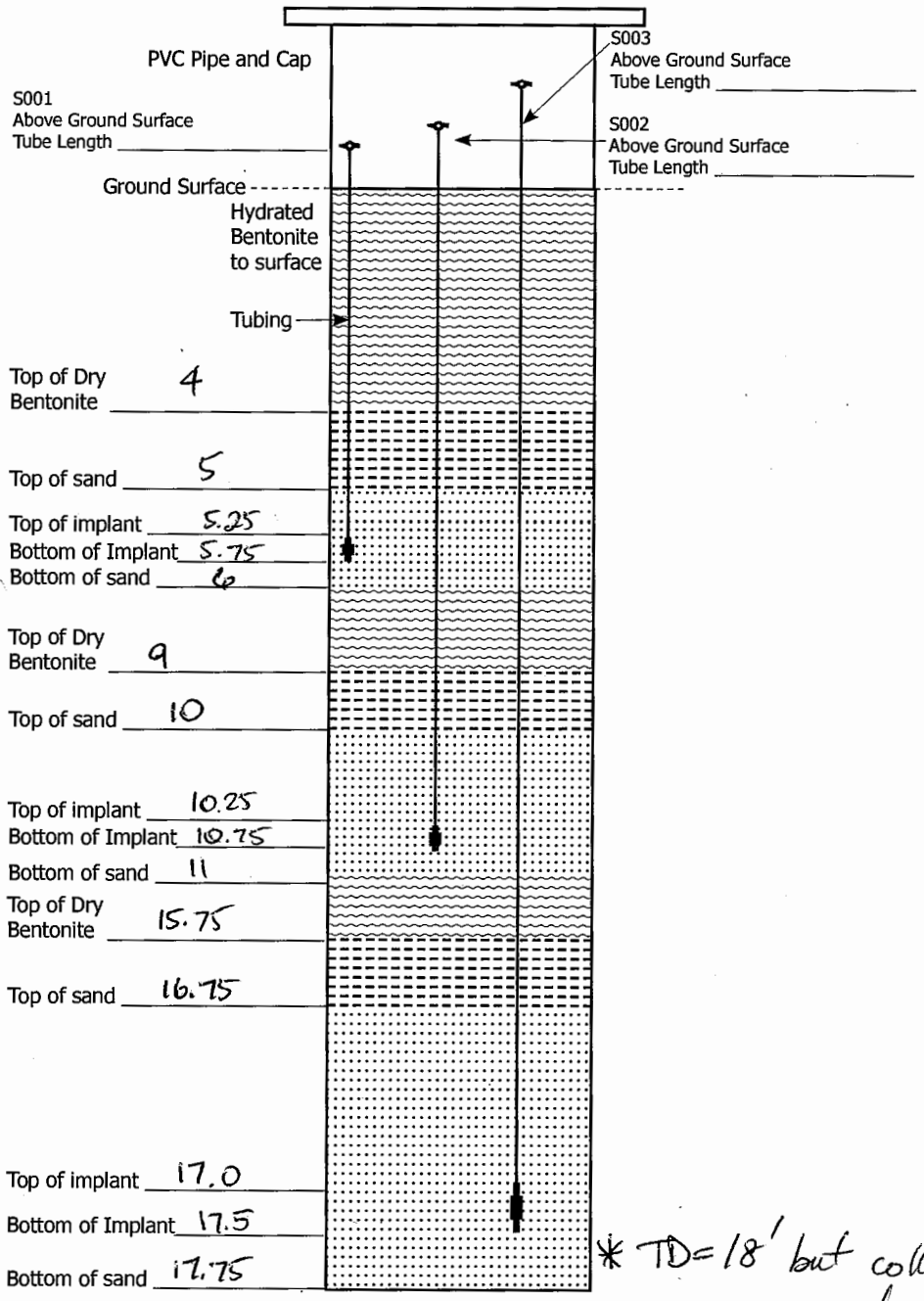
MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-531
Site: 5B
Drilling Contractor: EST
Borehole TD: 18, collapse to 17.75

Project: Phase 3 DOE SV DG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982 (N.D.)
Reviewed by:
Rig Type/Method: Geoprobe 5400/DP
Probe Completion Date/Time: /5-13-14



* TD=18' but collapsed to 17.75 after tripping out.

Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: CEMEX

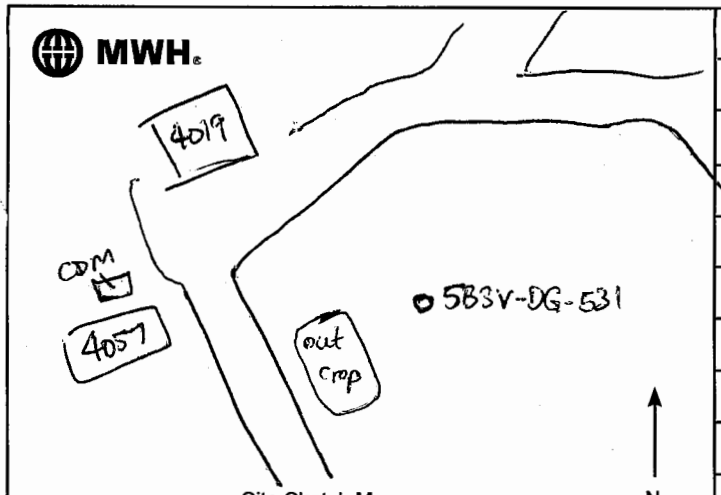
Dry Bentonite
Type: #8
Manufacturer: CETCO

Hydrated Bentonite
Type: #8
Manufacturer: CETCO

Notes:
1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5BSV-DG-531	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B		
Logged By: V. Vathanesin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 18'		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 12:20 / 5-13-14	Drill Finish Time/Date: 1400 / 5-13-14		
Soil Vapor ID: 5BSV-DG-531	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: / 5-13-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 10.0-11.0, 16.75-17.75	Surface Completion: Soil Vapor Probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

Soil Description

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: Graded fill, scrub + mustard

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0					NONE	0	SM	Silty Sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine sand, non-plastic silt, fill, no odors, no stains, slightly layered appearance.	–	–	–	65	35
		48"	NONE	NONE		1							
						2							
						3	CDO	Grades with less silt	–	–	–	80	20
						4	SP	Poorly Graded Sand (SP), pale brown (10YR 6/3), loose, dry, fine sand, trace silt, fill, no odors or stains.	–	–	–	100	TR
0.0						5			–	–	30	70	TR
		48"	NONE	NONE	NONE	6		@5' grades with medium sand	10	–	25	65	TR
						7		@6' Poorly graded Sand w/ Gravel (SP), pale brown (10YR 6/3), med. dense, dry, fine to medium sand, fine angular gravel, trace silt, no odor or stain, fill	–	–	–	65	35
0.0						8							
						9		@6.5' Silty Sand (SM), yellowish brown (10YR 5/4), med. dense, dry, fine sand, ~~non-pla~~ very low plasticity silt, no odors, no stains, fill					

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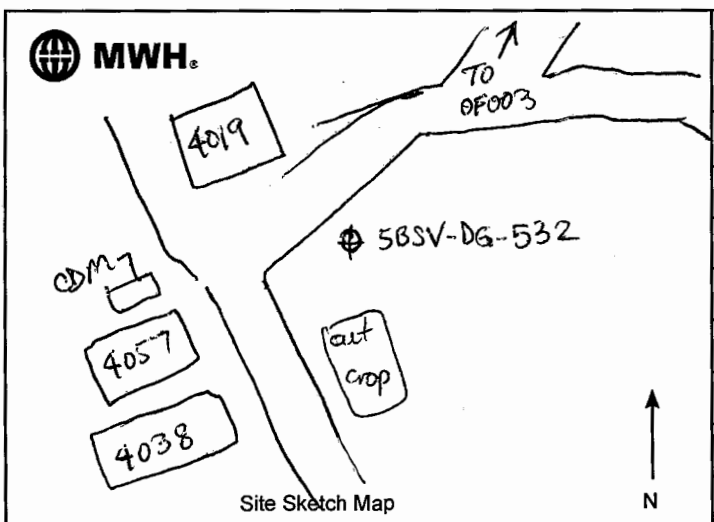
Boring ID: 5BSV-DG-531 Project: Phase 3 DOE SV Data Gap Sampling Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		48"	None			10	SM	Grades w/ a few clasts ~~of~~ (w/) of fine gravel (trace amounts)	TR	–	–	65	35
						11							
						12		* Acetate sleeve jammed inside Macrocore at 16' bgs. (30 mins to remove)					
0.0													
						13							
		48"	None			14							
						15	SP-SM	Grades w/o clasts	–	–	10	80	10
						16		@15' Poorly Graded Sand w/ Silt (SP-SM), light yellowish brown (10YR 6/4), dense, dry, fine sand, medium sand, silt, non-cemented, native soil, no stains or odors,					
		24"	None			17							
						18	Br	Sandstone, weathered Chatsworth Fm					
						19		TD = 18', refusal on bedrock. ~~Installed~~ (w/) Install probes at 17.0-18.0, 10-11', 5'-6'.					
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

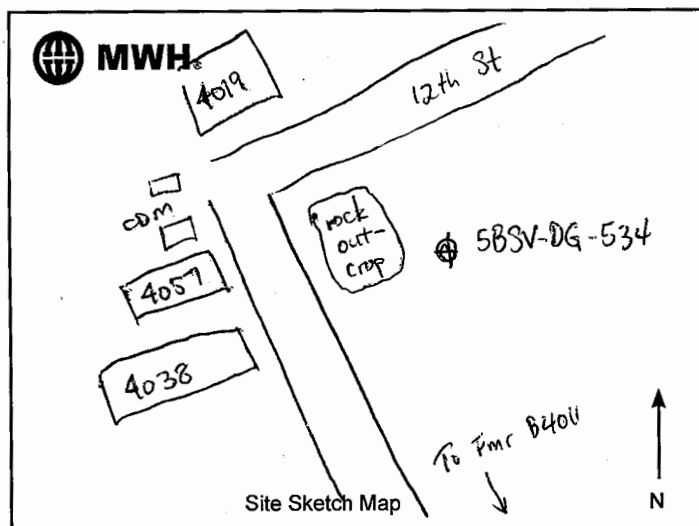
MWH.



Site Sketch Map

Boring ID: 5BSV-DG-532	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 5'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0820 / 5-13-14	Drill Finish Time/Date: 0845 / 5-13-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 0900 / 5-13-14 Backfill Material: Soil Cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Graded ~~backfill~~ fill, mustard					
0.0	X					0	SP-SM	Poorly Graded Sand w/ Silt (SP-SM), very pale brown (10YR 7/3), loose, dry, fine sand, non-plastic silt, non-cemented, fill	-	-	-	70	30
	X	48"				1							
						2	SM		10	-	5	50	35
						3		@2' Silty Sand w/ Gravel (SM), brown (10YR 5/3), med. dense, faint moisture, fine sand, medium sand, non-plastic silt, fine gravel (angular), no odors or stains, fill.	-	-	5	60	35
0.0	X	12"	X	532-MS 832-MSD	4.0-5.0 4.0-5.0	4							
					08:40	5	Br	@3' grades w/o gravel, iron stains					
						6		@5' Sandstone, weathered Chatsworth Fm.					
						7		TD=5', refusal on bedrock, no vapor probes installed. Collect soil sample @ 4.0-5.0 ft. (MS/MSD, dup)					
						8							
						9							



Site Sketch Map

Boring ID: SBSV-DG-534	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 513
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 3.5'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0750 / 5-15-14	Drill Finish Time/Date: 0810 / 5-15-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 0815 / 5-15-14 Backfill Material: Soil Cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

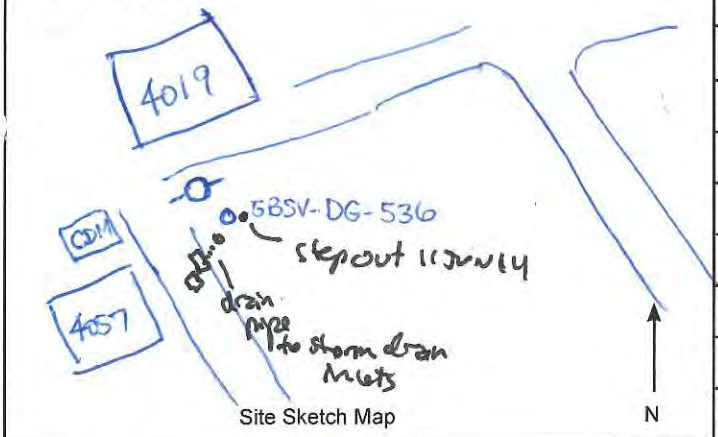
Soil Description

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: Graded backfill, mustard.

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X	42"				0–2	SM	Silty sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine sand, med. sand, low-plasticity silt, no stains, no odors, fill. @2' color changes to pale brown (10YR 6/3)	—	—	20	40	40
0.3			X		08:10	3	SP-SM	Poorly Graded sand w/ silt (SP-SM), yellowish brown (10YR 5/6), loose, dry, fine sand, non-plastic silt, possibly weathered bedrock, native.					
SVL-534-SASB-SB-						3.0-3.5	Br	@3.5 Sandstone, weathered, Chatsworth Formation.					
						5–9		TD = 3.5', refusal on bedrock, no vapor probes installed, collect 3 encores and 4 oz jar. Stepped out 2ft E and W to confirm shallow refusal with similar results.					

MWH.

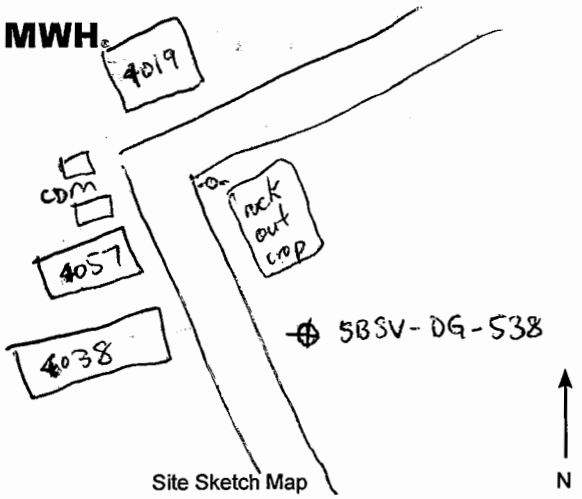


Site Sketch Map

Boring ID: 5BSV-DG-536	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 1.5'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0730 / 5-13-14	Drill Finish Time/Date: 0745 / 5-13-14
Soil Vapor ID: NONE	Soil Boring Backfill Time/Date: 0755 / 5-13-14 Backfill Material: Soil Cuttings
Soil Vapor Well Completion Time/Date: NONE	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): NONE	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no) NONE	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Graded surface, grass					
0.0	X	18"	NONE	NONE	NONE	0	SW-SM	Well Graded Sand w/ Silt (@ SW-SM), brownish yellow (10YR 6/6), loose, dry, fine to coarse sand, non-plastic silt, non cemented, fill, no odors or staining;	–	10	30	50	10
	X	11 JUN 14				1	Br	Bedrock - Chatsworth Sandstone					
						2		TD = 2.0' of 11 JUN 14					
						3		TD = 1.5', refusal on bedrock; No vapor probes installed and no soil samples collected.					
						4						Begin 09:41	
						5		• Sample collected at 1.5-2.0' bgs in fill @ 10:02 6/11/14				End 09:58	
						6		• SVL-536-SASB-5B-1.5-2.0					
						7		10 µRem, 18 cpm, 0.0 ppm					
						8		Stepped out 18" ENE of previous location to extract sample @ expected shallow refusal on siltstone bedrock					
						9							

MWH

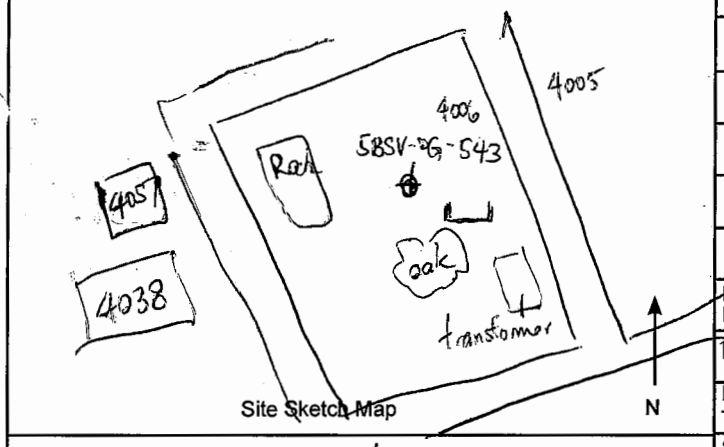


Site Sketch Map

Boring ID: 5BSV-DG-538	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400/DP	
Sampler Type: Macro core	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 20
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0830/5-15-14	Drill Finish Time/Date: 0850/5-15-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 0850/5-15-14 Backfill Material: Soil Cuttings.
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Graded backfill	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X	24"				0	SM	Silty Sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine sand, non plastic silt, fill, roots, dried grass	–	–	–	70	30
0.0	X		X	1	08:45	1	SP-SM	@1.5' yellow (10YR 7/8) iron staining	–	–	–	90	10
SVL-538-SA			5B-SB-		~~2.0-2.50~~ 1.5-2.0	3		Poorly graded sand w/silt brownish yellow (10YR 6/6), loose, dry, fine sand, silt, weathered bedrock, native soil. @2' Bedrock, sandstone					
						4							
						5		TD=2.0, refusal on bedrock, no probes installed, collect 3 encores 1.5-2.0 ft.					
						6		* Drilled 2 add'l borings E+W to confirm refusal w/ similar results					
						7							
						8							
						9							

MWH.



Site Sketch Map

Boring ID: 5BSV-DG-543	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 2.5'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1335/5-14-14	Drill Finish Time/Date: 1345/5-14-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1355/5-14-14 Backfill Material: Soil Cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: weeds, mud cracks.

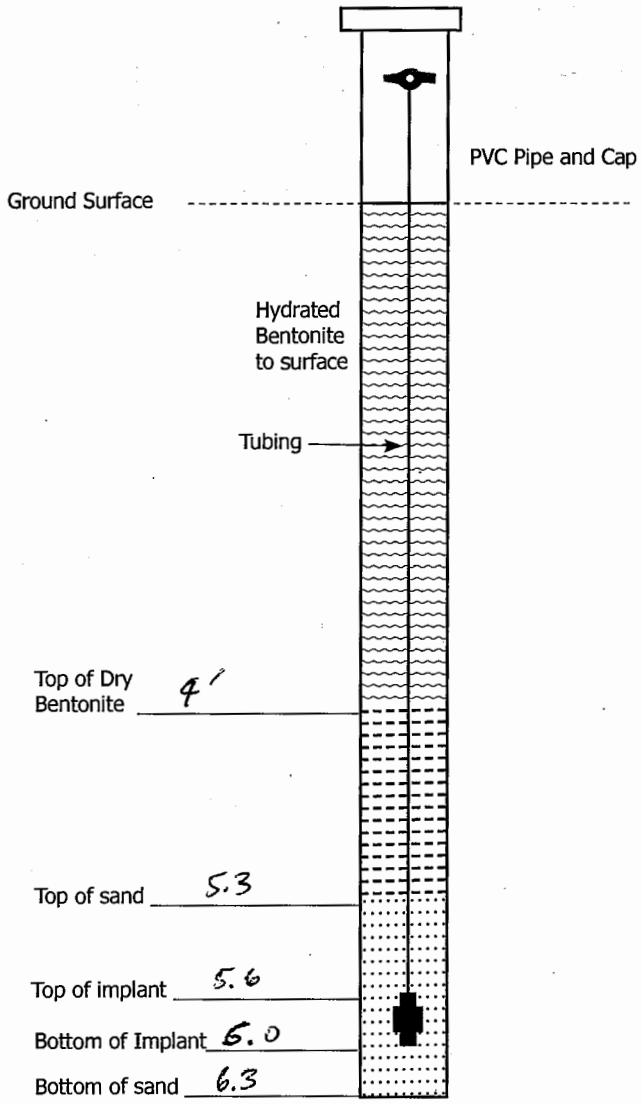
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0	X	30"	X			0–2.5	SM	Silty Sand (SM), very pale brown (10YR 7/4), loose, dry, fine to medium sand, no odors or stains, fill. @1' color changes to brownish yellow (10YR 6/6)	-	-	20	55	25
						2.5–3	Br	Bedrock, Sandstone, weathered (Chatsworth Fm)					

TD = 2.5', refusal on sandstone bedrock, no probes installed. Collect 3 encores and 4 oz jar.

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-552
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: 5B
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 6.5'
Probe Completion Date/Time: 1130/5-14-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: CEMEX

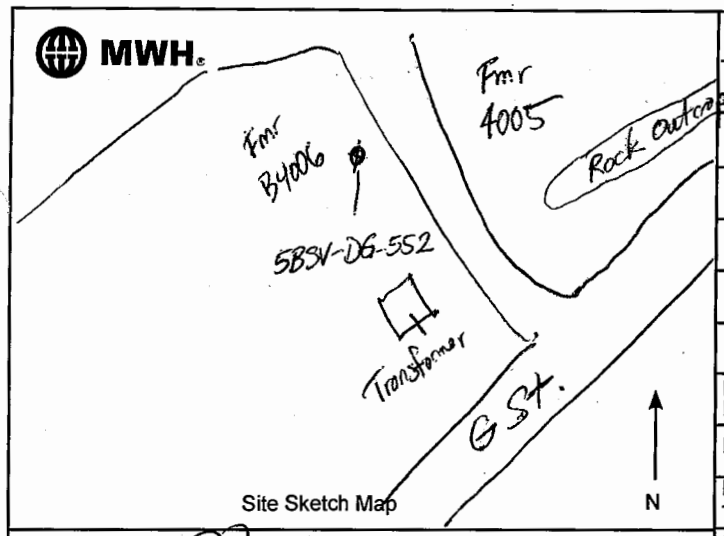
Dry Bentonite
Type: #8
Manufacturer: CETCO

Hydrated Bentonite
Type: #8
Manufacturer: CETCO

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 5BSV-DG-552	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 6.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1030 / (V.V.) 5-14-14	Drill Finish Time/Date: 1050 / 5-14-14
Soil Vapor ID: (V.V.) ~~N/A~~ 5BSV-DG-552	Soil Boring Backfill Time/Date: N/A
Soil Vapor Well Completion Time/Date: (V.V.) ~~N/A~~ 1130 / 5-14-14	Backfill Material: ~~Soil cuttings~~ N/A
Soil Vapor Probe Depths (ft.bgs): (V.V.) ~~N/A~~ 5.3-6.3	Observations: ☒ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Well Detail Completed (yes/no) (V.V.)	Surface Completion: (V.V.) ~~None~~ Soil vapor probe
	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

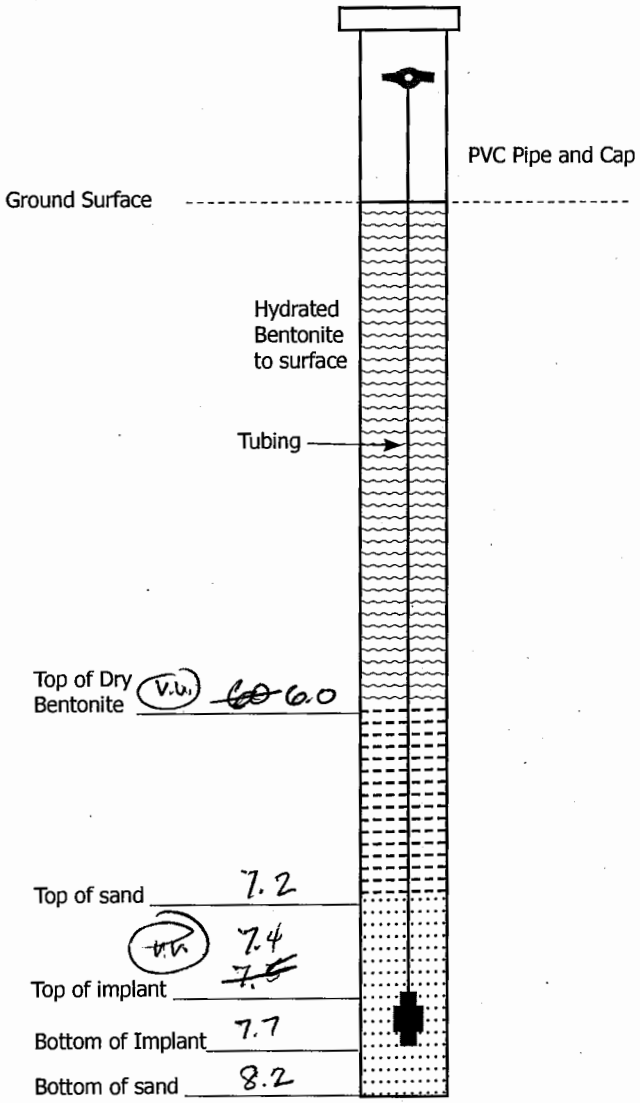
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (Surface Description: Graded, Fmr B4006)	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0						0	~~Fill~~ ML	Silt (ML), dark brown (10YR 3/3), med. dense, dry, low-plasticity silt, fine sand, no odors or stains, fill.	-	-	-	30	70
		48"	~~NONE~~			1	SM	Silty Sand (SM), yellowish brown (10YR 5/4) loose, dry, fine to medium sand, low-plasticity silt, fill. ~~Slightly~~ Slightly clayey	-	-	10	45 ~~45~~ (V.V.)	35/10
						2							
						3		@3' minor ~~iron~~ iron staining (yellowish brown 10YR 5/6), (V.V.)					
		~~12"~~ 14"	(V.V.) ~~45~~		~~5.3~~ ~~10:55~~	4		@4' color changes to dark brown (10YR 3/3					
						5	Br	@5' grades w/ red brick fragments (fill)					
						6		@5.2' weathered bedrock, sandstone					
						7							
						8		TD= ~~5.2'~~ 6.5', refusal on bedrock, ~~no~~ probes installed. ~~Collect soil samples at 4.5-5.0, @10:55~~					
						9		Install probe @ 5.3 ~~6.5~~ (V.V.) 6.3 ft (caved-in)					

QA/QC
Surficial media boring log rev 2-25-2014

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-555
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: 5B
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 8.25
Probe Completion Date/Time: 1325/5-14-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

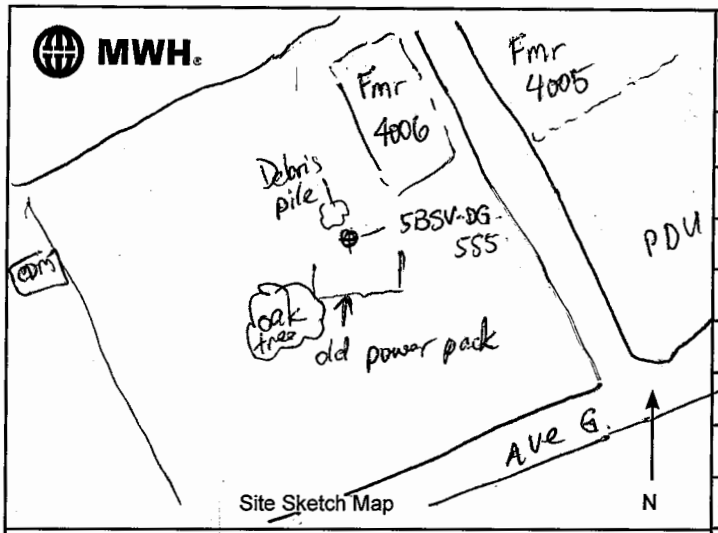
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 5BSV-DG-555	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 8.25'		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1240 / 5-14-14	Drill Finish Time/Date: 1315 / 5-14-14		
Soil Vapor ID: 5BSV-DG-555	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1325 / 5-14-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 7.2'-8.2'	Surface Completion: Soil vapor probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Unpaved Road.					
0.0						0	SM	Silty Sand with Gravel (SM), pale brown (10YR 6/3), loose, dry, fine to coarse sand, fine angular to sub angular gravel (road base), non-plastic fines, no stains or odor, fill	10	5	20	30	35
		36"				1							
						2	SM	@2' grades w/o gravel	–	5	25	35	35
							SM	@2.5 no coarse or medium sand	–	–	–	60	40
						3							
								@ 3.75' ~~weak~~ brown stains (10YR 5/3)					
0.0						4							
						5		@5' grades to →	–	–	10	70	20
		48"				6							
						7		@7' - brownish yellow (10YR 6/6) iron staining					
		3"				8		@ 8.25' Sandstone, weathered.					
						9		TD = 8.25' ft bgs; refusal on sandstone bedrock. Install vapor probe at 7.2'-8.2' bgs					

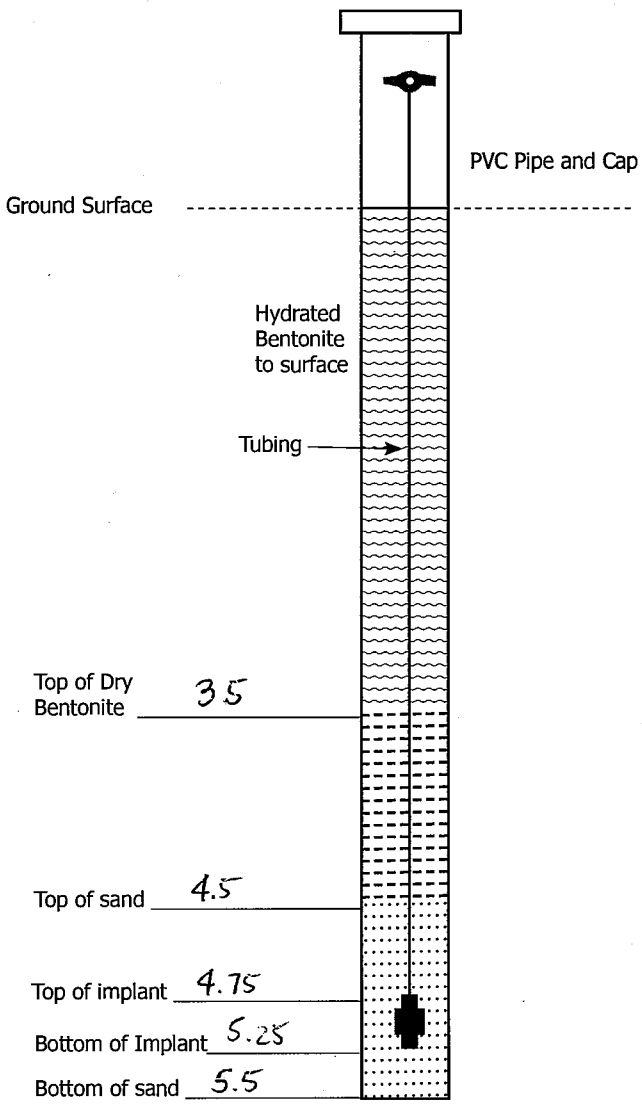
MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV-DG-557
Site: SA5B
Drilling Contractor: EST
Borehole TD: 9.0'

Job #: 10503982.3050105/10503982.3060105
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 1445 / 6-2-14

Project: Phase 3 DOE Data Gap Sampling 20
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

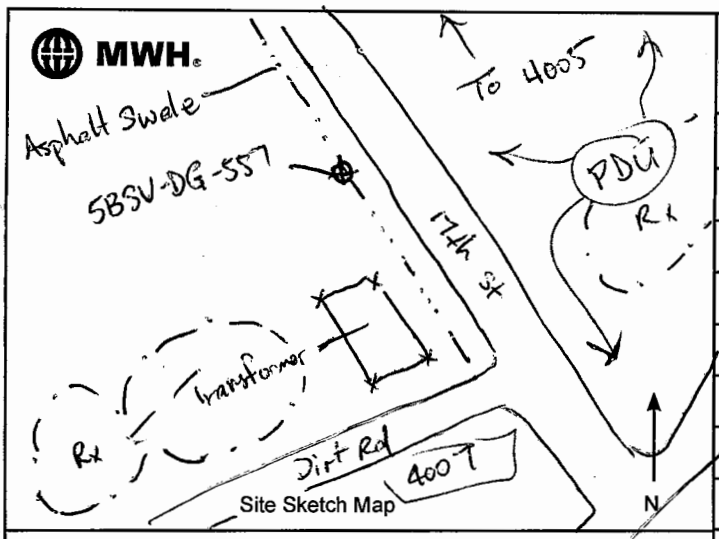
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

* Drilled into weathered bedrock (shale). Backfilled to bedrock / alluvium (fill) contact w/ medium chips.
hydrated (V.S.)

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 5BSV-DG-557	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 9.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1410 / 6-2-14	Drill Finish Time/Date: 1430 / 6-2-14
Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A
Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None	
Surface Completion: Soil vapor probe	
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None	

Soil Vapor ID:	5BSV-DG-557
Soil Vapor Well Completion Time/Date:	1440 / 6-2-14
Soil Vapor Probe Depths (ft.bgs):	4.5-5.5
Soil Vapor Well Detail Completed (yes/no)	yes

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	AF	Surface Description: In asphalt drainage swale (V.V.)					
							SM	Asphalt 2"	--	--	--	60	40/
						1		Silty Sand (SM), dark brown (10YR 3/3),					
		42"	NONE					med. dense, dry, fine sand, non-plastic					
						2		silt, moderate silt cement, dark asphalt					
								staining, no odors, fill					
						3							
							SP-SM	@3.4 Poorly Graded Sand with Silt (SP-	--	--	--	80	20/
						4		SM), dark yellowish brown (10YR 4/6),					
								med. dense, dry, fine sand, non-					
								plastic silt, possibly native soil, no odors					
		30"	NONE			5		~~no stains~~ (V.V.) reddish yellow iron stain (5YR 7/8)					
							Br	@5.5 Weathered Shale.					
						6							
						7							
		24"	NONE										
						8							
						9		@9.0 Refusal in shale.					
								TD = 9.0, ~~refu~~ refusal in bedrock.					
								Set probe above bedrock at 4.5-5.5. Backfill w/ med. chips					

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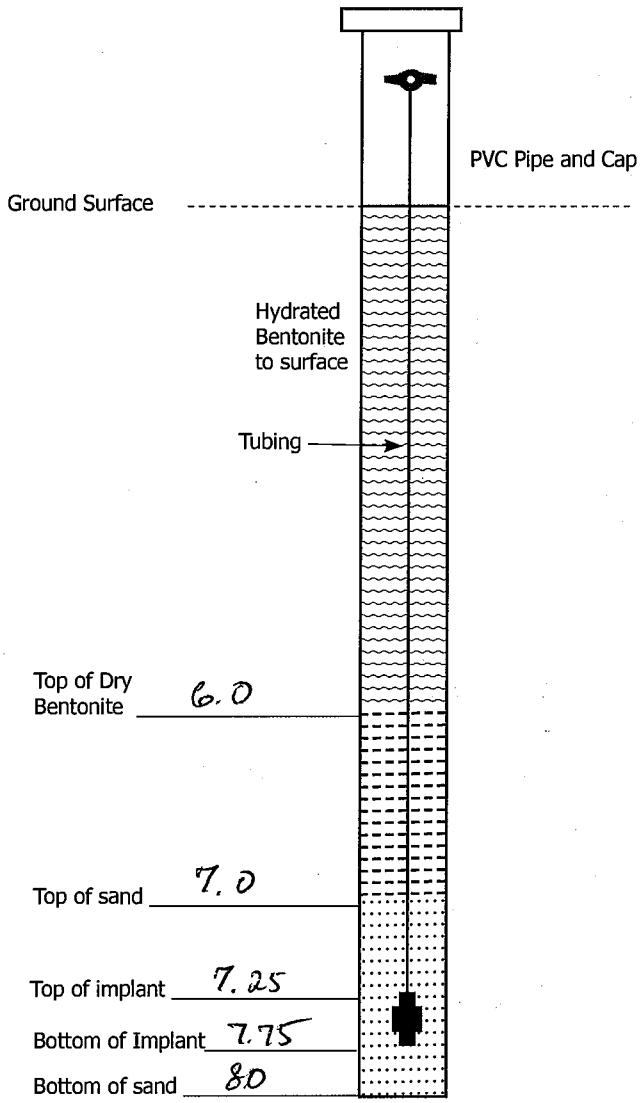
4.5 - 5.5.

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV-DG-560
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: SB
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 8.0
Probe Completion Date/Time: 5-14-14/ 15:10
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: CETCO

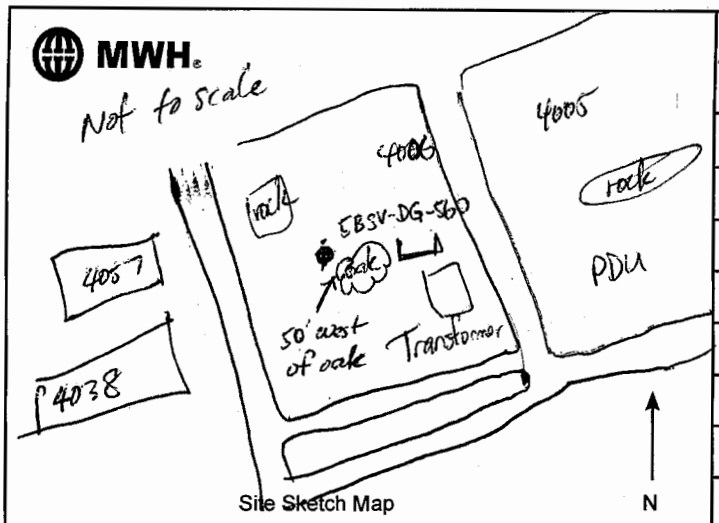
Hydrated Bentonite
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

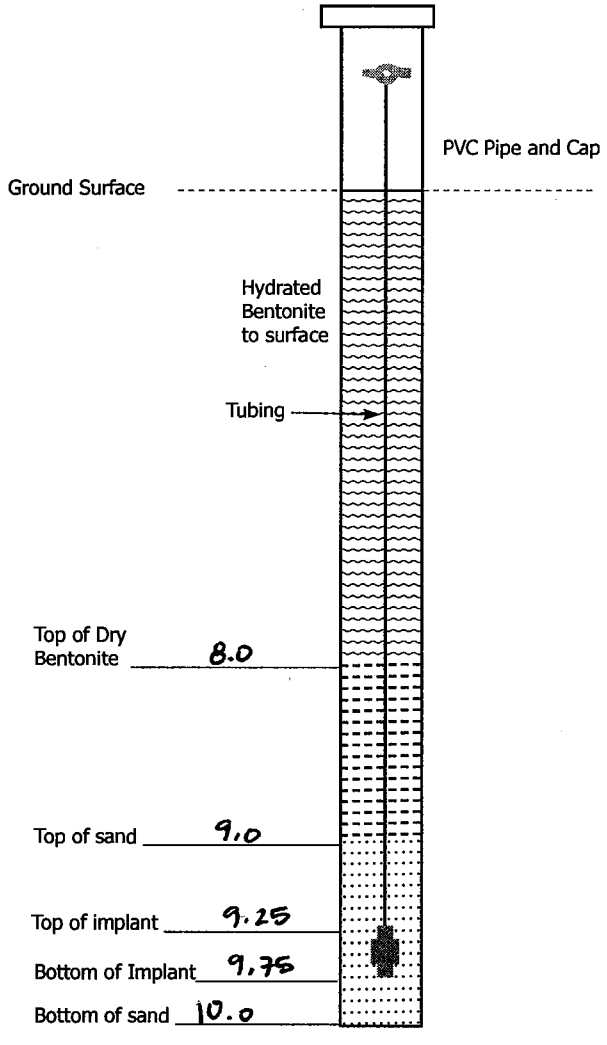
Boring ID: SBSV-DG-560	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 8.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1425 / 5-14-14	Drill Finish Time/Date: 1447 / 5-14-14
Soil Vapor ID: SBSV-DG-560-7.0-8.0	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 15:10 / 5-14-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 7.0-8.0	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Backfill, shrubs	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), yellowish brown (10YR 5/4), loose, dry, fine sand, non-plastic silt, roots, fill	–	–	–	65	35/
		48"	NONE			1							
						2							
						3	SM-SC	Silty Clayey Sand (SM-SC), brown (10YR 5/3), medium dense, dry, fine sand, low plasticity silt/clay, no odors (V.V.) or stains, fill	–	–	–	60	30/10
0.0						4		@ 4' color changes to light yellowish brown (10YR 6/4)					
						5	SM		–	–	–	70	30
		48"	NONE			6	@5'	Silty Sand (SM), brownish yellow (10YR 6/6), loose, dry, fine sand, non-plastic silt, non cemented, fill, no odors (V.V.) ~~or stains~~, reddish yellow (5YR 6/8) iron staining.					
0.0						7							
						8	Br	Sandstone, weathered, Chatsworth Fm					
						9		TD= 8.0 ft, refusal on bedrock, install vapor probe at 7.0-8.0 ft					

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV-DG-S61
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SA SB
Reviewed by:
Logged by: ANDREW PAYNE
Drilling Contractor: EST
Rig Type/Method: GEOPROBE 5400/D.P.
Driller: MARTIN KILHULLEN
Borehole TD: 10.0
Probe Completion Date/Time: 6/10/14 1400
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: STAINLESS STEEL
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: TEFLON
Diameter: 1/4"
Color: CLEAR

Sand Pack Specs

Grain Size: #3
Manufacturer: CEMEX

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH

Site Sketch Map

Boring ID: 5BSV-DG-561	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 10.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1225 / 5-15-14	Drill Finish Time/Date: 1538 / 5-15-14
Soil Boring Backfill Time/Date: 1540 / 5-15-14	Backfill Material: Soil Cuttings
Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None	
Surface Completion: None	
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None	

Soil Vapor ID: NONE
Soil Vapor Well Completion Time/Date: N/A
Soil Vapor Probe Depths (ft.bgs): N/A
Soil Vapor Well Detail Completed (yes/no) N/A

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Backfill, old leach field					
		48"	NONE			0–1	SM	Silty Sand ~~w/clay~~ (SM), very pale brown (10YR 7/4), loose, dry, fine sand, non-plastic silt, roots, fill, ~~stiff clay~~ V.V.	–	–	–	~~60~~ 70	~~70/30~~ 30 V.V.
						2		grades w/ clay, stiff - low plasticity, no roots, no odors	–	–	–	70	20/10
						3–4	GW @ 3.5'	Gravel (GW), light gray (10YR 7/1), fine to coarse, angular to subangular gravel, leach field.					
		54"	NONE			6		TD = 10.5' bgs, refusal on shale bedrock. Stepped out 3 times to east and encountered refusal between 1.5 - 2.0 ft in Sandstone (i.e. not in leach field)					
		12"	NONE			9–10	SM	~~Clayey~~ Silty Sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine to med. coarse (HP) sand, non-plastic silt	–	–	–	65	35

Br @10.5 Shale bedrock ; ~ 3" WEATHERED SANDSTONE (HP)

6/10/14 @ SREPOUT SV PROBE INSTALL GRAVEL @ 5-6' (HP) @ 1330

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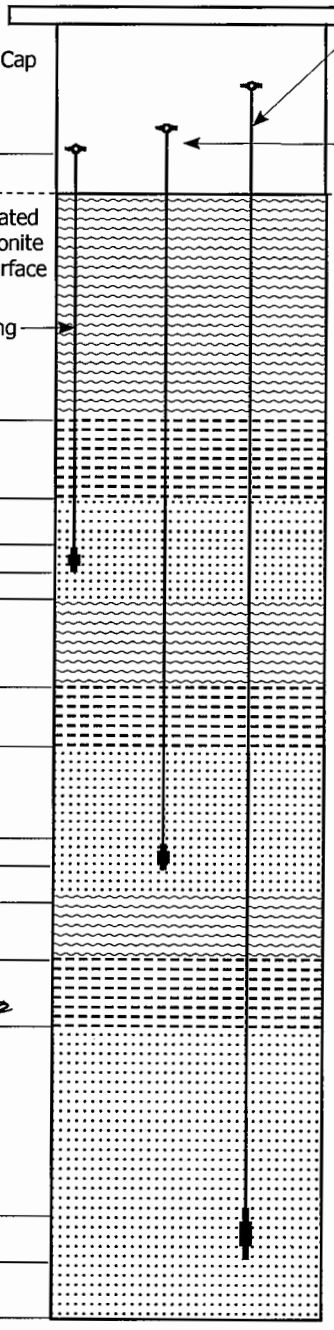
MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-562
Site: 5B
Drilling Contractor: EST
Borehole TD: 125

Project: Phase 3 DOE SV DG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 5-15-14/10:50



PVC Pipe and Cap

S001 Above Ground Surface Tube Length: 8"

S003 Above Ground Surface Tube Length: N/A

S002 Above Ground Surface Tube Length: 1.25"

Ground Surface

Hydrated Bentonite to surface

Tubing

Top of Dry Bentonite: 4

Top of sand: 5

Top of implant: 5.25

Bottom of Implant: 5.75

Bottom of sand: 6

Top of Dry Bentonite: 9.5

Top of sand: 10.5

Top of implant: 10.75

Bottom of Implant: 11.25

Bottom of sand: 11.5

Top of Dry Bentonite: 11.5

Top of sand: V.V. ~~10~~ ~~11.5~~

Top of implant: —

Bottom of Implant: —

Bottom of sand: V.V. 12.5

* Backfill up to 11.5'

Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

Type: #8
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.

Single Soil Vapor Probe Construction Diagram

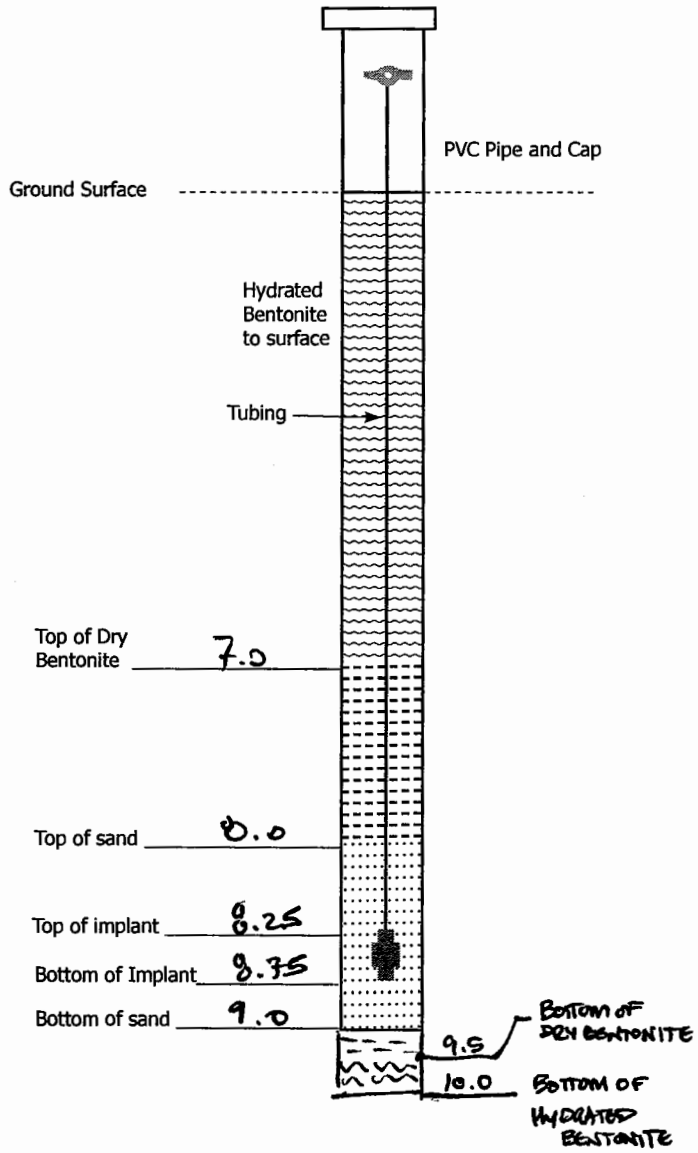
Probe ID/Soil ID: SB SV - DG - 562
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 2014

Site: S4 SB
Reviewed by:
Logged by: ANDREW DAYNE

Drilling Contractor: EST
Rig Type/Method: GEOPROBE 6400 / D.P.
Driller: MARTIN HAMILTON

Borehole TD: 10'
Probe Completion Date/Time: 6/10/14 1450
Borehole Diameter: 2.25"

(RE-INSTALL - 6/10/14)



Vapor Implant Specs

Material: STAINLESS STEEL
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: TEFLON
Diameter: 1/4"
Color: CLEAR

Sand Pack Specs

Grain Size: #3
Manufacturer: CEMEX

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

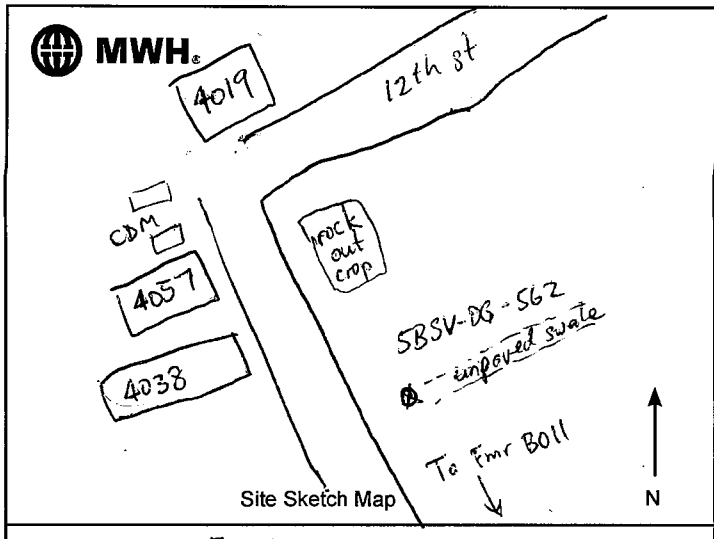
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SBSV-DG-562	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macro core			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs)	12.5	
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0925 / 5-15-14	Drill Finish Time/Date: 1030 / 5-15-14		
Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A		
Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None			
Surface Completion: Soil Vapor Probe			
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None			

Soil Vapor ID:	SBSV-DG-562
Soil Vapor Well Completion Time/Date:	10:50 / 5-15-14
Soil Vapor Probe Depths (ft.bgs):	5.0-6.0, 10.5-11.5
Soil Vapor Well Detail Completed (yes/no)	yes

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Surface Description: Unpaved Swale, weeds. Silty Sand (SM), pale brown (10YR 6/3), med. dense, dry, fine to medium sand, low-plasticity silt, layered appearance, plastic shreds from ~~geosynthetic liner (?)~~, fill	-	-	10	55	35/
		48"	NONE			1							
						2		buried sandbags.					
						3	SM	Silty Sand w/ clay, brownish yellow (10YR 6/8), med. dense, dry, fine sand, low-plasticity fines, no more plastic scraps, fill, no odors or stains	-	-	-	60	30/10
0.0						4							
						5							
		40"	NONE			6							
						7	SP-SM	Poorly graded Sand w/ silt (SP-SM), yellowish brown (10YR 5/8), loose, dry, fine sand,	-	-	-	90	10
0.0						8	CL	very low plasticity silt, no odors or stains, native soil	-	-	10	80	10 /100
						9	SP-SM	Clay (CL), light brown (7.5YR 6/3), stiff, moist, med-plasticity clay, native					

con't page 2

Boring ID: SBSV-DG-562 Project: DOE Phase 3 Soil Vapor DG Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X					10	SP-SM	@ 8.5' Poorly Graded Sand w/ Silt (SP-SM), light yellowish brown (10YR 6/4) with	-	-	-	65	10/25 ← @9.5
	X	12"	NONE			11	SP	brownish yellow (10YR 6/8) streaks (iron stain), fine sand, medium sand, non-plastic silt, f.u.	-	-	-	100	TR ← @10'
	X					12	Br	@ 9.0 dark brown (10YR 3/3) stain					
						13		@ ~~10.5~~ 9.5 (W) Clayey Sand (SC), very pale brown (10YR 7/4), med. dense, dry, fine sand, low plasticity fines, slightly layered, f.u.					
						14		@ ~~11~~ 10 (W) Poorly Graded Sand (SP), brownish yellow (10YR 6/6), loose, dry, fine sand, trace silt, f.u.					
						15							
						16		@12' Weathered Shale bedrock.					
						17		TD = 12.5' on weathered shale bedrock, install vapor probes at 5.0-6.0 and 10.5-11.5' bgs. Adjusted depths to (W) avoid clay layers.					
						18							
						19							
						20		6/10/14					
						1		- STEPOUT ~2' NE OF ORIGINAL INSTALL; SV PROBE INSTALLED @ 8.0-9.0'.					
						2		- SAMPLE COLLECTED @ 8.0-9.0' SVL-562-SAEB-SB-8.0-9.0 @ 1445					
						3		TD ON STEP @ REFUSAL OF 10'					
						4		- WEATHERED SHALE & CLAY @ 9-9.5' AND WEATHERED BR/SHALE @ 9.5-10'. LOG FROM PREVIOUS INSTALL SAME FROM 0-8'; SP @ 8-9'.					
						5							
						6							
						7							
						8							
						9							

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-~~63~~ 563 (V.V)

Job #: 10503982.3050105/10503982.3060105

Project: Phase 3 DOE Data Gap Sampling 201

Site: 5B

Reviewed by:

Logged by: V. Vathanasin

Drilling Contractor: EST

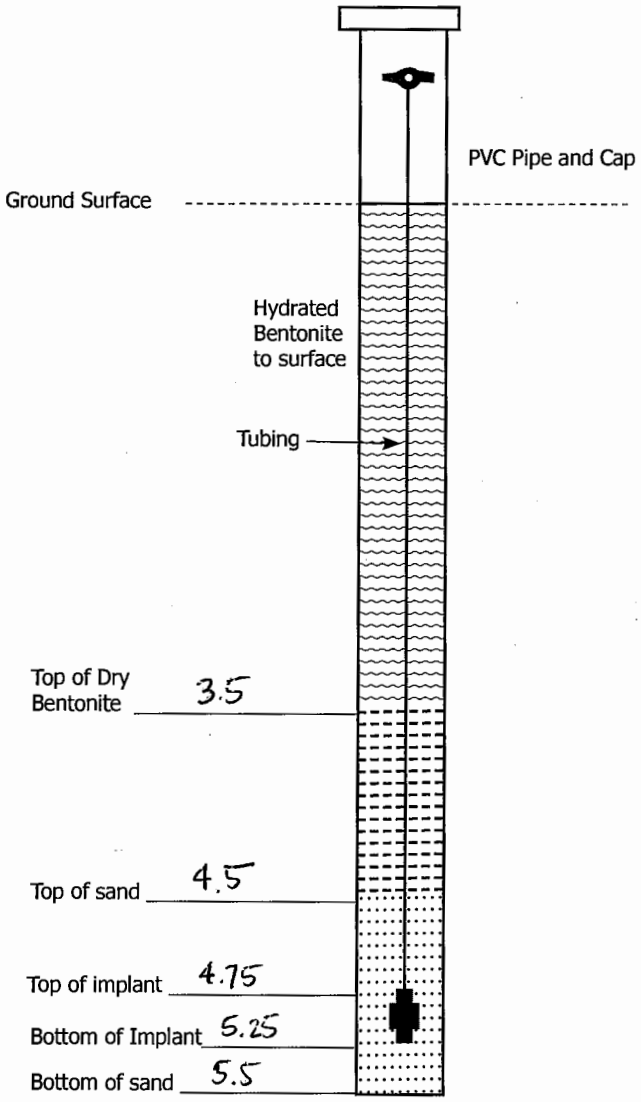
Rig Type/Method: Geoprobe 5400 / DP

Driller: Morgan Hughes

Borehole TD: 5.5

Probe Completion Date/Time: 5-15-14 / 12:25

Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel

Length: 6"

Diameter: 3/8"

Tubing Specs

Material: Teflon

Diameter: 1/4"

Color: clear

Sand Pack Specs

Grain Size: #3

Manufacturer: Cemex

Dry Bentonite

Type: #8

Manufacturer: CETCO

Hydrated Bentonite

Type: #8

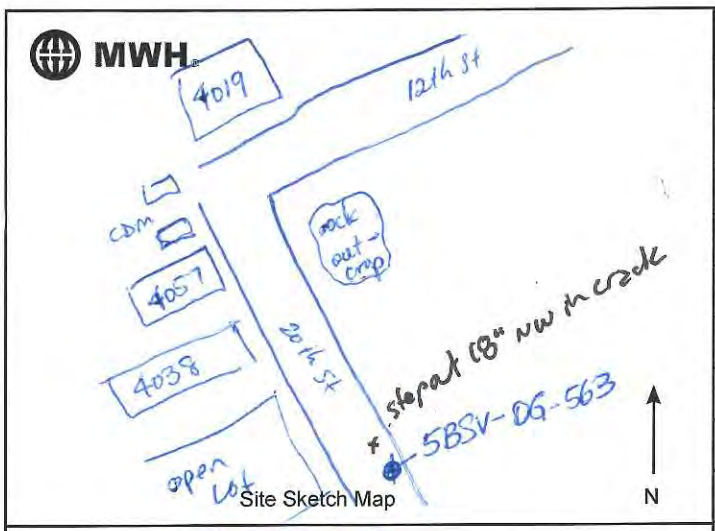
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH



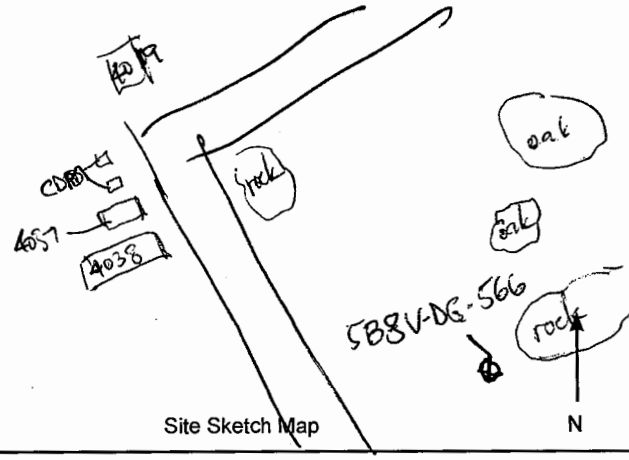
Site Sketch Map

Boring ID: 5BSV-DG-563	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 5.5		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1139 / 5-15-14	Drill Finish Time/Date: 1200 / 5-15-14		
Soil Vapor ID: 5BSV-DG-563	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 12:25 / 5-15-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5	Surface Completion: Soil Vapor Probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Asphalt swale	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	AF	0.3'(4") Asphalt	60	20 ~~30~~ (V.D)	20	10	TR
						1	GW-SW	Gravel w/ Sand (GW-SW), greenish gray (5GY 5/1), med. dense, moist, fine angular gravel, coarse to fine sand, trace silt, Road base, slight asphalt staining, no odors. w/silt SP-SM 4.0-5.2	–	–	–	80	20
		48"	NONE			2	SM				20	60	20
						3							
0.0						4		@0.6' Silty Sand (SM), brownish yellow (10 YR 6/6), (V.D) ~~soft~~ loose, dry, fine sand, non-plastic silt, no stains or odors, fill.					
		18"	NONE						Bedrock @ 5.0-8.0.				
0.0						5	@5 Br	Grades w/ yellow (10YR 7/8) iron staining	no shale interbed				
						6		@5.5 Sandstone, weathered.	@ 5.2' bgs; relict 45° bedding in weathered sandstone				
						7		TD = 5.5ft, refusal on sandstone. Install vapor probe at 4.5-5.5 ft	Begin boring 07:52				
11 JUN 14						8		@ 6/11/14 collected 0834 Sample SVC-563-SASA-SB-4.5-5.0	End boring 08:22				
						9		12 ppm, 84 cpm, 0.0 ppm					
								No probe set. TD ~ 8.0' bgs in weathered bedrock					

QA/QC
Surficial media boring log rev 2-25-2014

MWH.



Site Sketch Map

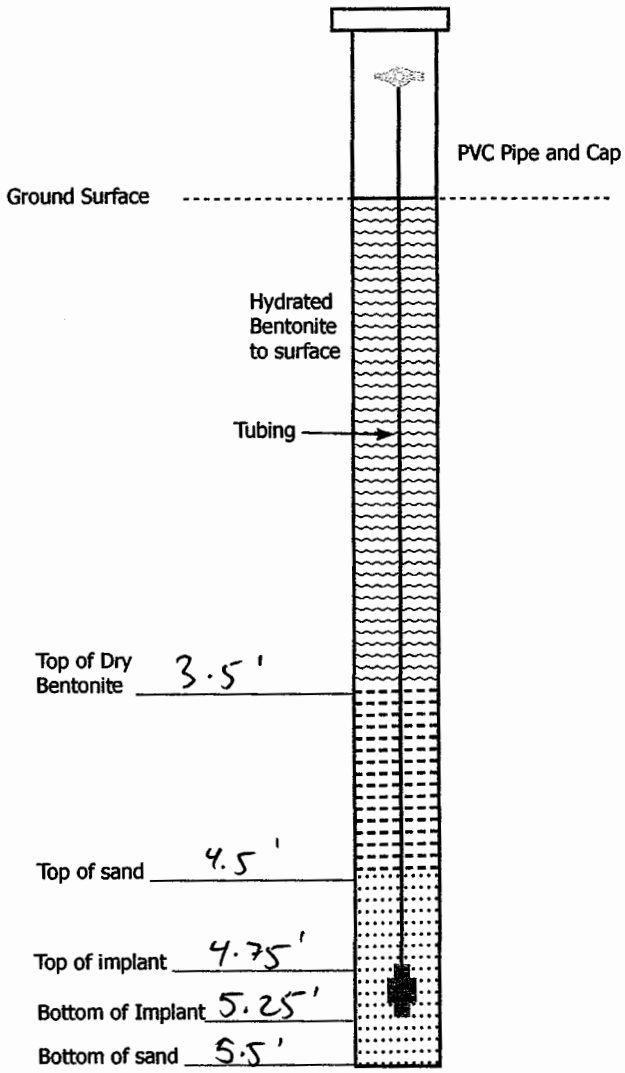
Boring ID: 5BSV-DG-566	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 2.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1440 / 5-15-14	Drill Finish Time/Date: 1458 / 5-15-14
Soil Vapor ID: None	Soil Boring Backfill Time/Date: 1500 / 5-15-14 Backfill Material: Soil Cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no) N/A	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Gravel, dried grass.					
	X					0		Silty Sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine sand, non-plastic silt	–	–	–	70	30
	X	30"	(V.V.) ~~NO~~			1							
	X		X		14:58	2							
						2.5	SM	@25' Sandstone, weathered, Chatsworth formation					
	SVL-566		SASB-5B-20-25			3							
						4		TD = 2.5, refusal on sandstone bedrock. collected encores for lab analysis.					
						5							
						6							
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV DG-567
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SB
Reviewed by:
Logged by: RobEllis
Drilling Contractor: EST
Rig Type/Method: GEOPROBE 5400
Driller: MATT KILHULLEN
Borehole TD: 5.5' bgs
Probe Completion Date/Time: 02JUN14, 15:20
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

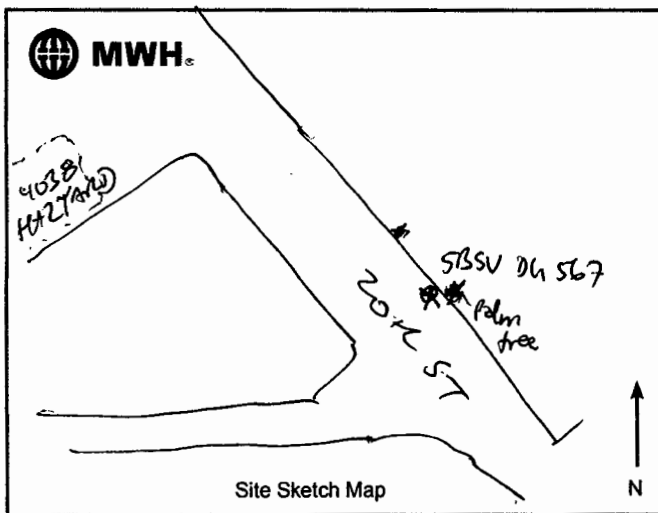
Dry Bentonite
Type: #8 crumble
Manufacturer: Cetco

Hydrated Bentonite
Type: #8 crumble
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SBSV DG-567	Sheet 1 of 1
Project: Phase 3 DOE SVDG 2014	
Job #: 10503982.3050106	Site: SB
Logged By: RWB EWS	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTY KIGHMIER
Drill Rig Type/Method: GEOPROBE 5400	
Sampler Type: MACRO CORE	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 5.5'
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 15:00 02JUN14	Drill Finish Time/Date: 15:16 02JUN14
Soil Vapor ID: SBSV DG-567	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 02JUN14, 15:26	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 4.5 - 5.5	Surface Completion: Asphalt / SV. Probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description
1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: Asphalt swale

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		48"				0		4" Asphalt					
						1		0.0 - 0.5					
								Silty sand (sm); brown (10YR 4/3), very loose, dry, Predominant fine sand (65), little silt (25), few med. sand (10), No stain, no odor, fill, There are gravels that are asphalt.	—	—	10	65	25
						2	SM						
						3							
								0.5 - 4.0					
		18"				4	SM / SP	Silty sand (sm), very dark gray (10YR 3/1), med. dense, dry, low plastic. Predominant fine sand (60), some silt (40), TR coarse & med grain sand, No stain no odor, fill	—	TR	TR	60	40
						5							
						TD							
						6		4.0 - 5.0					
	TD = 5.5' bgs					7		Silty sand (sm), dark yellowbrown (10YR 4/6) similar to above w/ gradational color change and less silt., roots.	—	10	60	30	
	Refusal on sandstone bedrock					8							
								5.0 - 5.5					
						9		poorly graded sand (SP), yellowish brown (10YR 5/4), loose, moist, Predominant fine sand (80), few med sand (10), few silt (10). No stain, no odor. Native.	—	—	10	80	10

QA/QC

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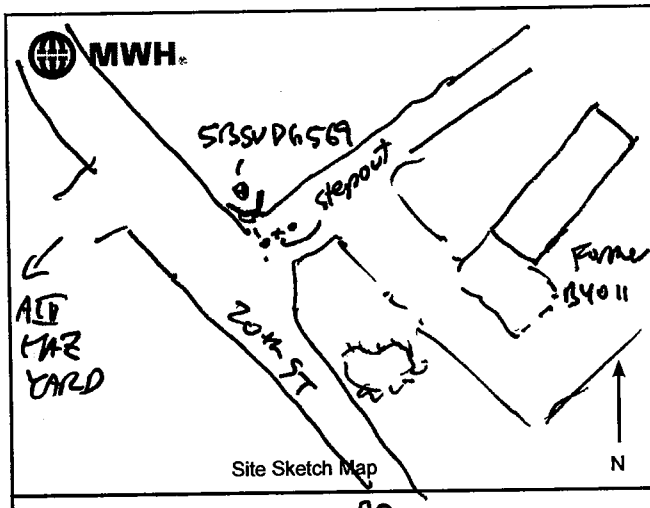

Site Sketch Map

Boring ID: SBSVDG569	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SB
Logged By: RWB Ellis	Reviewed By:
Drilling Contractor: EST	Drillers Name: Gilbert Dickason
Drill Rig Type/Method: Geoprobe / Manual Auger	
Sampler Type: Bucket auger / grab	
Borehole Diam (inch): 3-5"	Total Depth (ft.bgs): 3.1' bgs
Drill Bit Type: Bucket auger	
Drill Start Time/Date: 09:01 11 JUN 14	Drill Finish Time/Date: 09:19 11 JUN 14
Soil Boring Backfill Time/Date: 09:24 11 JUN 14	Backfill Material: Soil cuttings
Soil Vapor ID: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Well Completion Time/Date: N/A	Surface Completion: none
Soil Vapor Probe Depths (ft.bgs): N/A	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None
Soil Vapor Well Detail Completed (yes/no) N/A	

Soil Description
1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: concrete in swale

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0 ppm		38"				0		8" of concrete.					
						1		Bedrock @ 10" bgs.					
								shale, (2.5Y 4/4) olive brown					
						2		heel ~ 2" into weathered					
								bedrock, sandstone,					
						3		yellowish brown (10YR 5/6).					
								Refusal and TD @ 3.1'					
								bgs.					
Begin 10:47, End 10:52						4		Confirmed w/ second buried.					
Stepout to SE, ~5.0'								Concrete hole, ~1' ⌀.					
Fill to 3.0' bgs						5							
Sample at 2.5-3.0'													
bgs								* weathered sandstone is fine-	~	10	20	60	10
SLV-569-SASS-SB-2.5-3.0						6		medium grained, decomposed (W5)					
@ 10:54								very weak (R1), soft (H6), w/					
						7		oxide staining					
0.0 ppm						8		• No sample taken					
Refusal @ 3.5' bgs								• No probes installed					
on weathered sandstone						9				Stepout			
Fill is 10YR 4/6								TD = 3.1' bgs; in bedrock	—	—	15	65	20
yellowish brown								Bedrock @ concrete interface					
poorly sorted sand w/ silt													
(SP-SM)													

TD = 3.5' bgs

QA/QC
Surficial media boring log rev 2-25-2014

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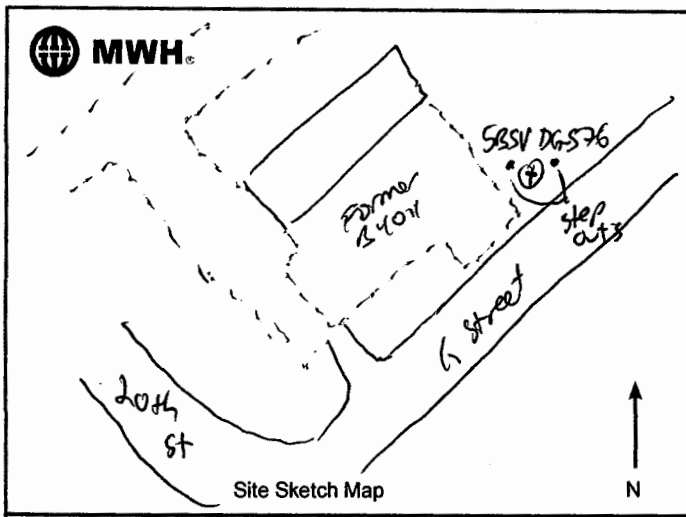

Site Sketch Map

Boring ID: SBSVDG-576	Sheet 1 of 1
Project: Phase 3 DOE SVDG 2014	
Job #: 10503982.3050106	Site: SB
Logged By: Rob Ellis	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTY KILHULLEN
Drill Rig Type/Method: GEOPROBE 5400	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 4.3'
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 11:50 02 JUN 14	Drill Finish Time/Date: 12:26 02 JUN 14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 02 JUN 14 13:30 Backfill Material: soil cuttings
Soil Vapor Well Completion Time/Date: NA	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: soil cuttings / bentonite seal
Soil Vapor Well Detail Completed (yes/no) N/A	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description SOIL,

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: SOIL, MUSTARD, HYDRATED

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		48"				0	SM	0.0 - 1.0					
						1		Silty sand (SM) dark yellowish brown (10YR 4/4), loose, dry, Predominant fine sand (65),	-	-	5	65	30
						2	SM	some silt (30), few medium sand (5) No stain, no odor, Fill material.					
						3		1.0 - 4.0					
		4"			TD	4.3	SP	Silty sand (SM) dark yellowish brown (10YR 4/6), loose, dry Predominant fine sand (60), some silt (40) and trace medium sand. No stain, no odor. Fill. Transitions to silty sand with 55% fine sand 35% silt and 10% medium sand at 2.5' bgs, same color 4.0 - 4.3	-	-	10	55	35
0.0 ppm	SV1-576-SB-SB-40					4.3							
13 mRem, 54 cpm						5							
	TD = 4.3 bgs on sandstone bedrock					6							
						7							
	• Backfill w/ soil cuttings @ 13:30					8							
						9		Poorly sorted sand (SP) lite yellow brown. Loose, dry Predominant fine sand (45), some coarse sand (40), few coarse sand and silt (5). No stain, no odor. Native	-	10	40	45	5

Stepouts to NE/NW to confirm TD

QA/QC

Surficial media boring log rev 2-25-2014

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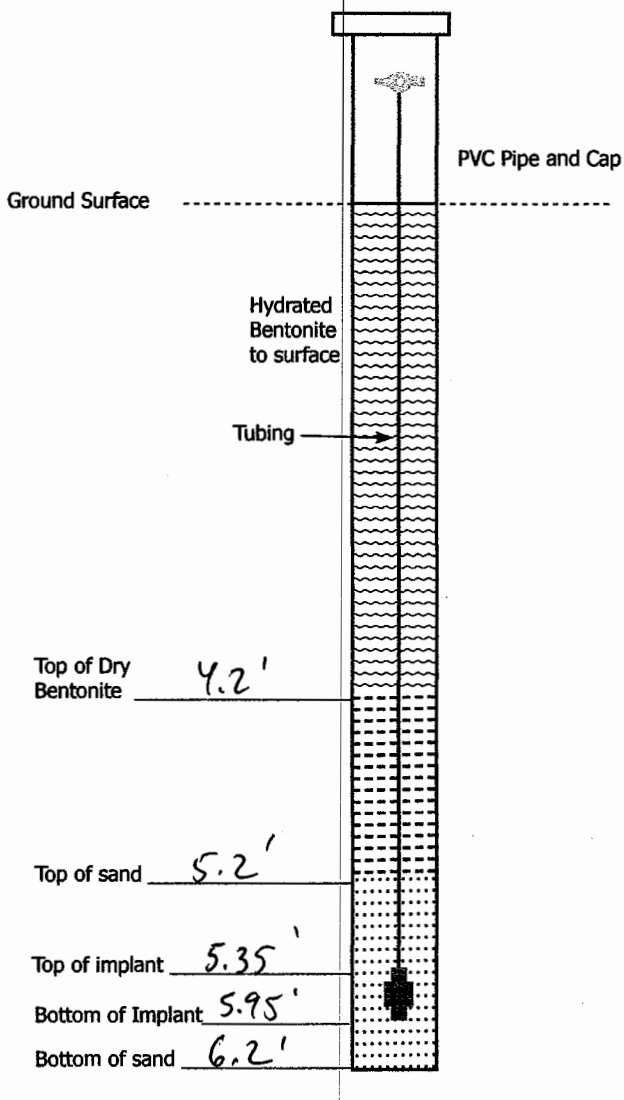
Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV DG-577
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SB
Reviewed by:
Logged by: RAB Eccis
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/ Hand Auger
Driller: MARTY KILHULLEN
Borehole TD: 6.2' bgs
Probe Completion Date/Time: 04JUN14, 08:50
Borehole Diameter: 3.25"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3 sand
Manufacturer: Cemex

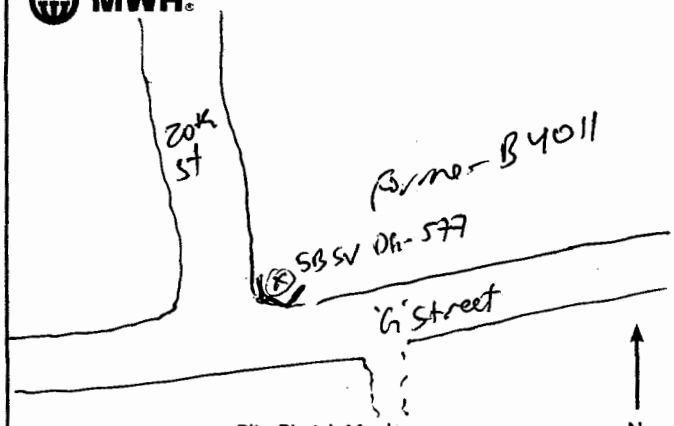
Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SBSV DG-577	Sheet 1 of 1
Project: Phase 3 DOE SVDG 2014	
Job #: 10573982.3060706	Site: SB
Logged By: Rob Ellis	Reviewed By:
Drilling Contractor: EST	Drillers Name: Marty Kilholder
Drill Rig Type/Method: Geoprobe 5400	
Sampler Type: Hand Auger	
Borehole Diam (inch): 3.25"	Total Depth (ft bgs): 6.2'
Drill Bit Type: Bucket	
Drill Start Time/Date: 04JUN14	Drill Finish Time/Date: 04JUN14
Soil Vapor ID: SBSV DG-577	Soil Boring Backfill Time/Date: NA / Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 04JUN14, 08:50	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 5.2' - 6.2'	Surface Completion: SV probe
Soil Vapor Well Detail Completed (yes/no): attached	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: culvert / concrete					
0.0 ppm						0		0-0.8' bgs = concrete					
						1	ML CL	0.8-2.5 silt/silt sand, clay/clay sand (ml-cl) Brown (10YR 4/3). moist, stiff. slow ~~rapid~~ dil, v. high dry, med tough med. plastic. Mostly fines (60%), fine sand (40). No stain, no odor fill material. Some base gravels (1-3 piece).	-	-	-	40	60
						2							
0.0 ppm						3	ML CL						
						4		2.5-4.5 silt/silt sand, clay/clay sand (ml-cl). dark yellowish brown (10YR 4/4). moist stiff, rapid dil, high dry, med tough med plastic. Mostly fines (55), some fine sand (45) No stain, no odor, Fill.	-	-	-	45	55
			5.3 - 5.8			5	SM						
						6	SP						
Sample SVL-577-SA58-5.3-5.8 @ 08:40					6.2	7		4.5-6.0 Silty sand (SM) light olive brown (2.5Y 5/4), moist, med dense, mostly fine sand (60) some silt (35) few med sand (5). No stain no odor. Stable fragments + $CaCO_3$ (caliche). Violent effervescent. Native	-	-	5	60	35
0.0 ppm	12 µRem, 42 cpm					8							
• TD = 6.2' bgs on solid stone bedrock						9			-	-	20	70	10

6.0 - 6.1 poorly sorted sand (SP) - light yellow brown to yellow brown (10YR 4/4 - 4/6) mostly fine sand (70) little medium sand (20) few silt (10) - No stain, no odor.

QA/QC

Surficial media boring log rev 2-25-2014

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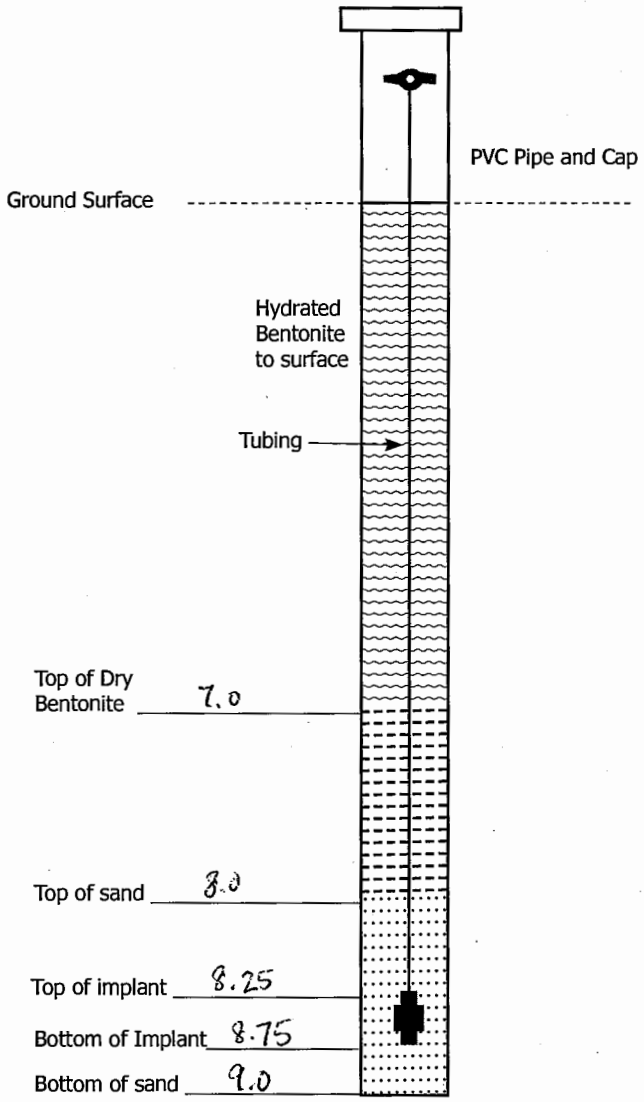
Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-578
Site: 5B
Drilling Contractor: EST
Borehole TD: 9.0

Job #: 10503982.3050105/10503982.3060105
Reviewed by:
Rig Type/Method: Geoprobe 5400/DP
Probe Completion Date/Time: 825/6-3-14

Project: Phase 3 DOE Data Gap Sampling 201
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

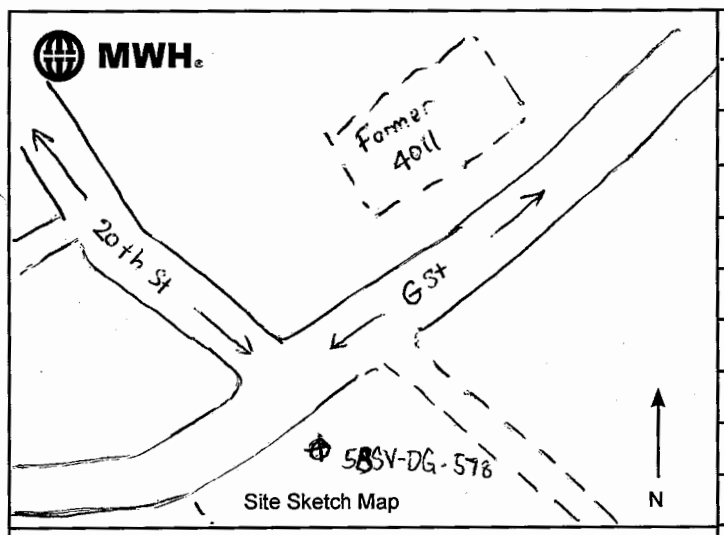
Dry Bentonite
Type: #8
Manufacturer: Cetco

Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

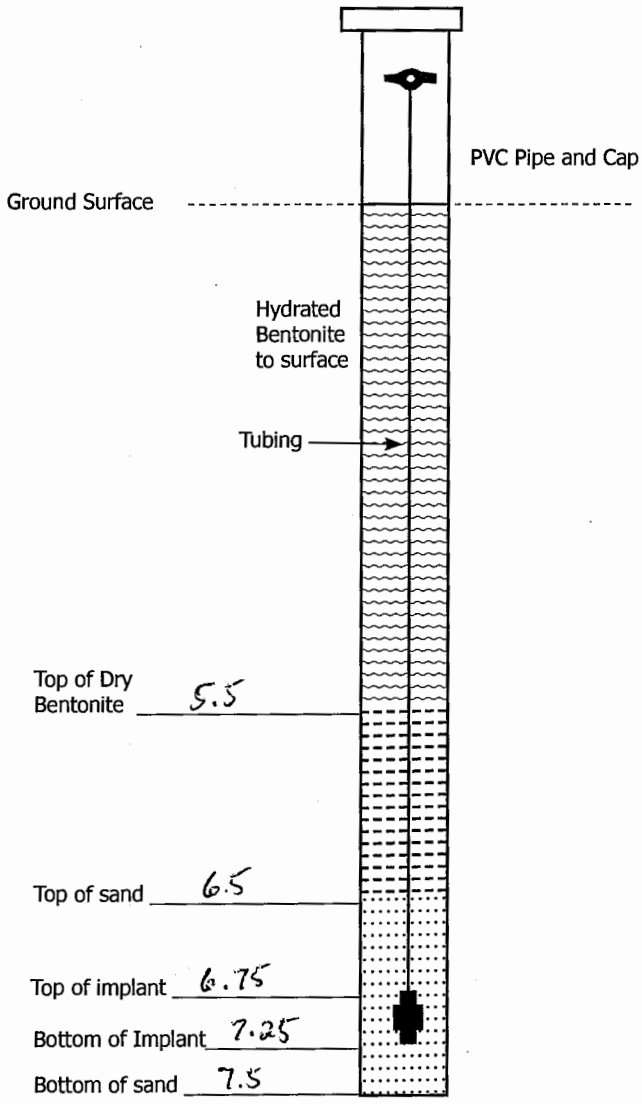
Boring ID: 5B3V-DG-578	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 9.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0745 / 6-3-14	Drill Finish Time/Date: 0805 / 6-3-14
Soil Vapor ID: 5BSV-DG-578	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 0825 / 6-3-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 8.0-9.0	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Hummocky Area	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM-GW	Silty Sand w/ Gravel (SM-GW), yellowish brown (10YR 5/6), loose, dry, fine to coarse sand, fine angular gravel, grass roots at surface, fill	10	10	25	35	20/
		45"	NONE			1							
						2	SM	@1.7 Silty sand (SM), dark yellowish brown (10YR 4/4), loose, dry, fine sand, non-plastic silt, no odors or stains, fill.	-	-	-	65	35/
0.0						3							
						4		*** TD=9.0, refusal on bedrock. Install probe 8.0-9.0					
						5							
		46"	NONE			6							
						7		grades with trace clay, fill					
		12"	NONE			8	SP	Poorly Graded Sand (SP), brownish yellow (10YR 6/6), loose, dry, fine sand, trace silt, no odors, no stains, native soil	-	-	-	100	TR/
0.0						9	Br	@9' Sandstone, weathered.					

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV-DG-579
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SB
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400 / DP
Driller: Morgan Hughes
Borehole TD: 7.5'
Probe Completion Date/Time: 0900/6-3-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

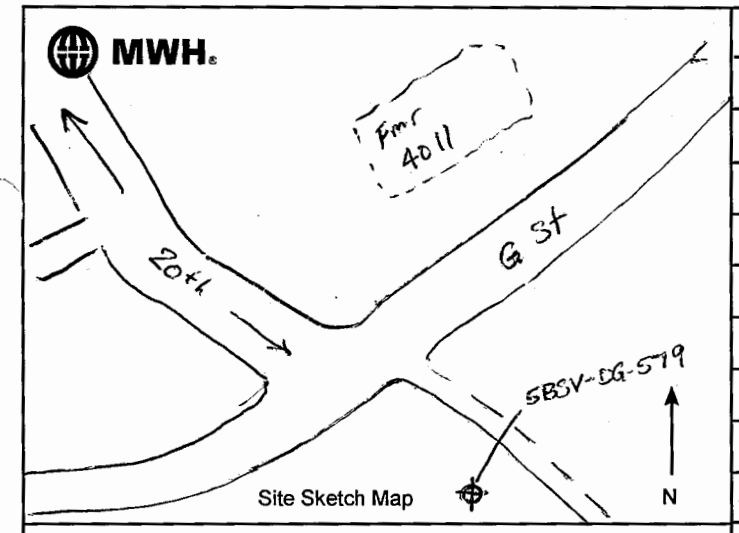
Dry Bentonite
Type: #8
Manufacturer: Cetco

Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

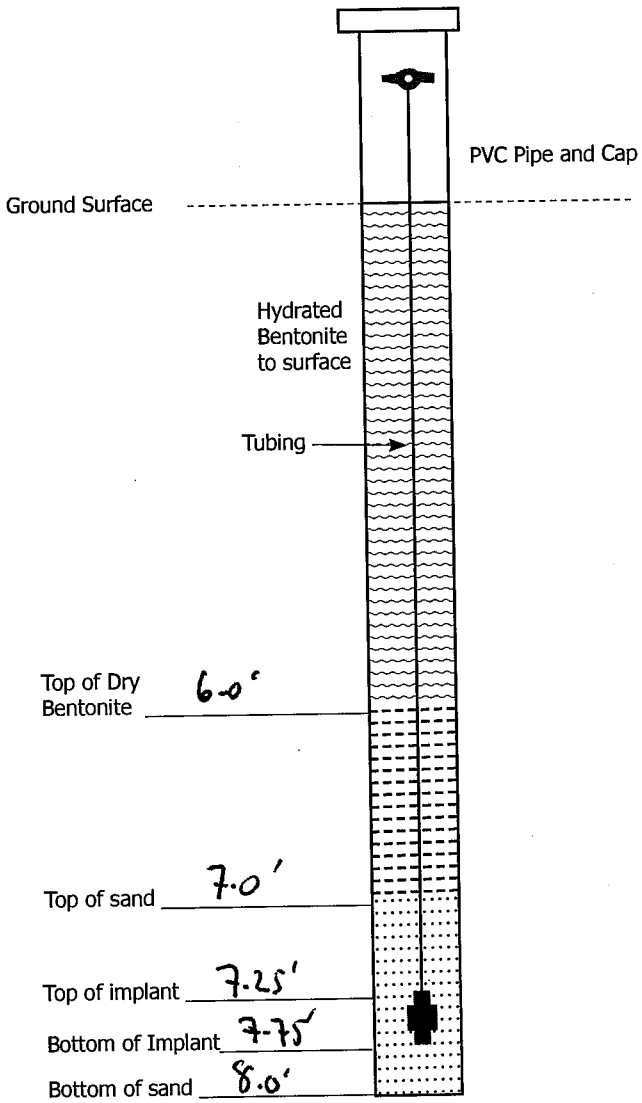
Boring ID: 5BSV-DG-579	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vatharasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25	Total Depth (ft.bgs) 7.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0835 / 6-3-14	Drill Finish Time/Date: 0845 / 6-3-14
Soil Vapor ID: 5BSV-DG-579	Soil Boring Backfill Time/Date: N/A Backfill Material:
Soil Vapor Well Completion Time/Date: 0900 / 6-3-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 6.5-7.5	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Small man made ridge	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), dark yellowish brown (10YR 4/4), loose, dry, fine sand, silt, friable, no staining, no odors, few roots	–	–	–	65	35
		40"	NONE			1							
						2							
						3							
0.0						4							
						5	SM	Changes to yellowish brown (10YR 5/4), mostly fine sand, less silt, possibly native soil (little change to refusal) (V.U)	–	–	–	80	20
		36"	NONE			6							
						7	SP-SM	Poorly Graded Sand w/silt – native	–	–	–	90	10
0.0						8	Br	Sandstone, weathered					
						9		TD = 7.5, refusal on bedrock; install probe at 6.5-7.5					

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV_DG-580
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SB
Reviewed by:
Logged by: Rob Ellis
Drilling Contractor: EST
Rig Type/Method: Hand Auger
Driller: Morgan Hughes
Borehole TD: 8.3' bgs
Probe Completion Date/Time: 11 JUN 14, 1418
Borehole Diameter: 3.5"



Vapor Implant Specs

Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: teflon
Diameter: 1/4"
Color: clear.

Sand Pack Specs

Grain Size: #3 sand
Manufacturer: Cemex

Dry Bentonite

Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite

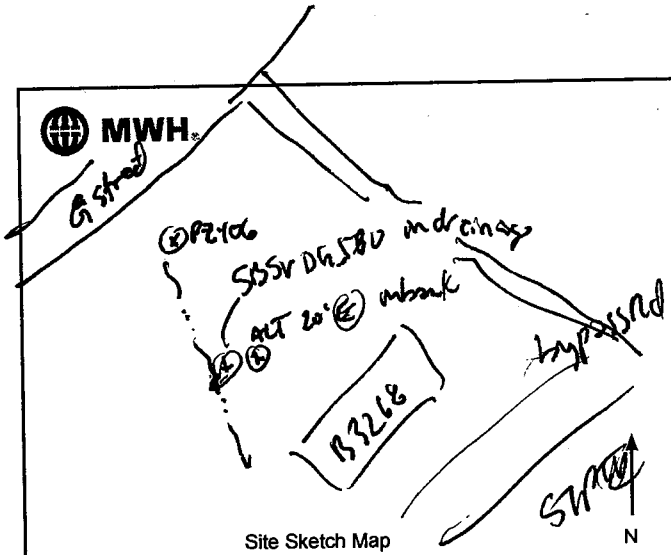
Type: #8 crumbles
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH



Site Sketch Map

Boring ID: SBSV_DG-580	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SB
Logged By: AJB ELLIS	Reviewed By:
Drilling Contractor: EST	Drillers Name: MORGAN HUGHES
Drill Rig Type/Method: HAND AUGER	
Sampler Type: BUCKET AUGER GRAB	
Borehole Diam (inch): 3.5"	Total Depth (ft.bgs): 8.3'
Drill Bit Type: BUCKET AUGER	
Drill Start Time/Date: 13:31 11 JUN 14	Drill Finish Time/Date: 14:08 11 JUN 14
Soil Vapor ID: SBSV_DG-580	Soil Boring Backfill Time/Date: N/A
Soil Vapor Well Completion Time/Date: 11 JUN 14; 14:18	Backfill Material: N/A
Soil Vapor Probe Depths (ft.bgs): 7.0'-8.0'	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Well Detail Completed (yes/no) attached	Surface Completion: SV probe
	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description: metal debris / concrete mud / plaster

1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations

Surface Description: grassy roots.

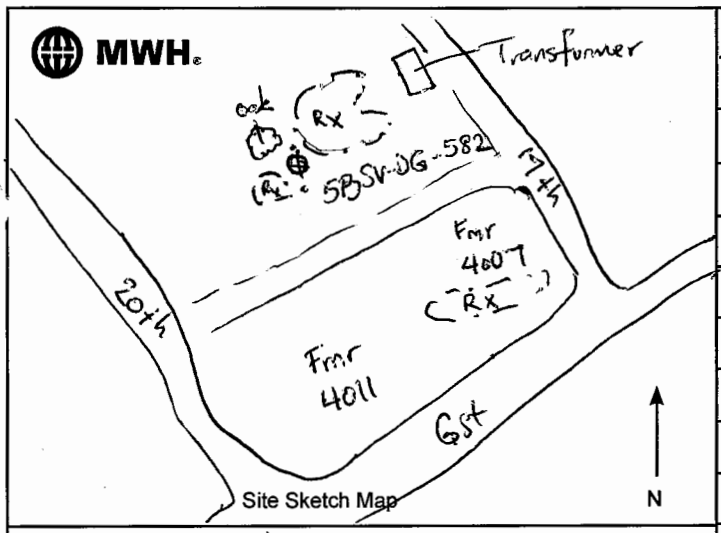
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0 ppm						0		0.0 – 0.9					
						1		Silty sand (SM) brown (10YR 4/3), very loose, dry. Mostly fine sand (55), some silt (35), few med sand (10). Some root material. No stain, no odor. FILL	-	-	10	55	35
						2		0.9 – 3.5					
	to 8.3' bgs					3		Silty sand (SM), brown (10YR 4/3), loose, slightly moist. Mostly fine sand (60), some silt (35), and few medium sand (5). No stain, no odor. Fill	-	-	5	60	35
						4							
						5		3.5 – 8.0					
TD = 8.3' w/ refusal on sandstone bedrock						6		Silty sand (SM). yellowish brown (10YR 5/4). Mostly fine sand (60), little silt (30), few med sand (10). loose, slightly moist, no stain, no odor. FILL / possible bedrock	-	-	10	60	30
Used ALT location outside of drainage; ≈ 20' (E) on fill terrace						7							
						8		8.0 – 8.3					
					TD = 8.3	9		weathered sandstone; brownish yellow (10YR 6/8). Decomposed (us) very weak (m) soft (1/6). silt fraction: ~ 25-30%					

QA/QC

Surficial media boring log rev 2-25-2014

582 (V.V.)

MWH.



Site Sketch Map

Boring ID: 5BSV-DG-~~584~~	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 1.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1340 / 6-2-14	Drill Finish Time/Date: 1353 / 6-2-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1400 / 6-2-14 Backfill Material: soil cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		Surface Description: In a bowl surrounded by rock.					
0.0	X	12"	NONE			1	SM	Silty Sand (SM), yellowish brown (10YR 5/6), loose, dry, fine to medium sand, non-plastic silt, fine gravel at the surface (Road Base), no odors or stains, backfill (re-worked native soil).	--	-	20	55	25
						2							
						3							
						4		TD = 1.0 ft. Refusal on bedrock. Drill 2-step out borings with similar results. No samples were collected - TD < 1.5' (too shallow per SOP)					
						5							
						6							
						7							
						8							
						9							

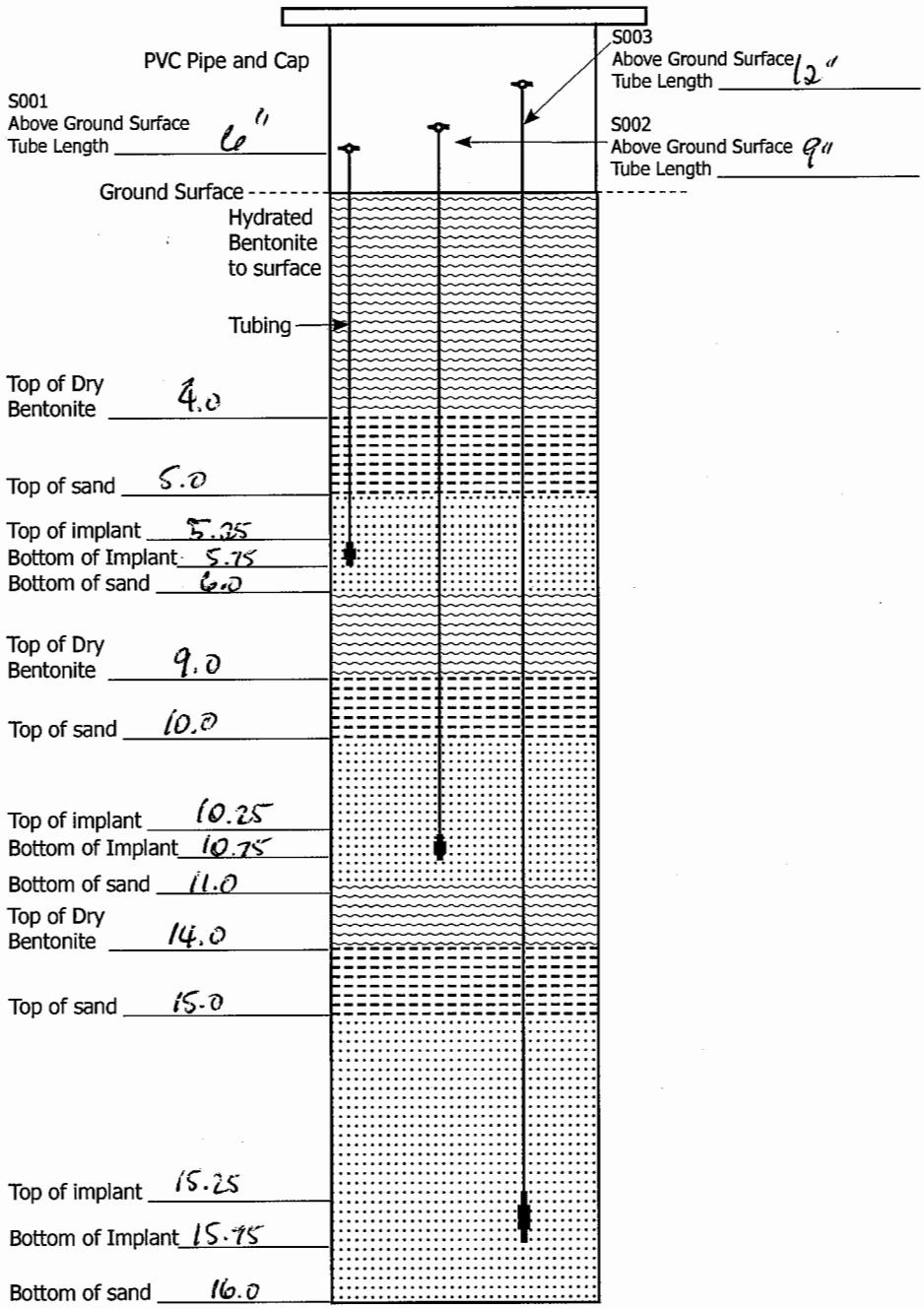
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV-DG-534
Site: SA 5B
Drilling Contractor: EST
Borehole TD: 21.0

Project: DOE SV DG 2014
Logged by: V. Vathanasen
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 1300 / 6-2-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

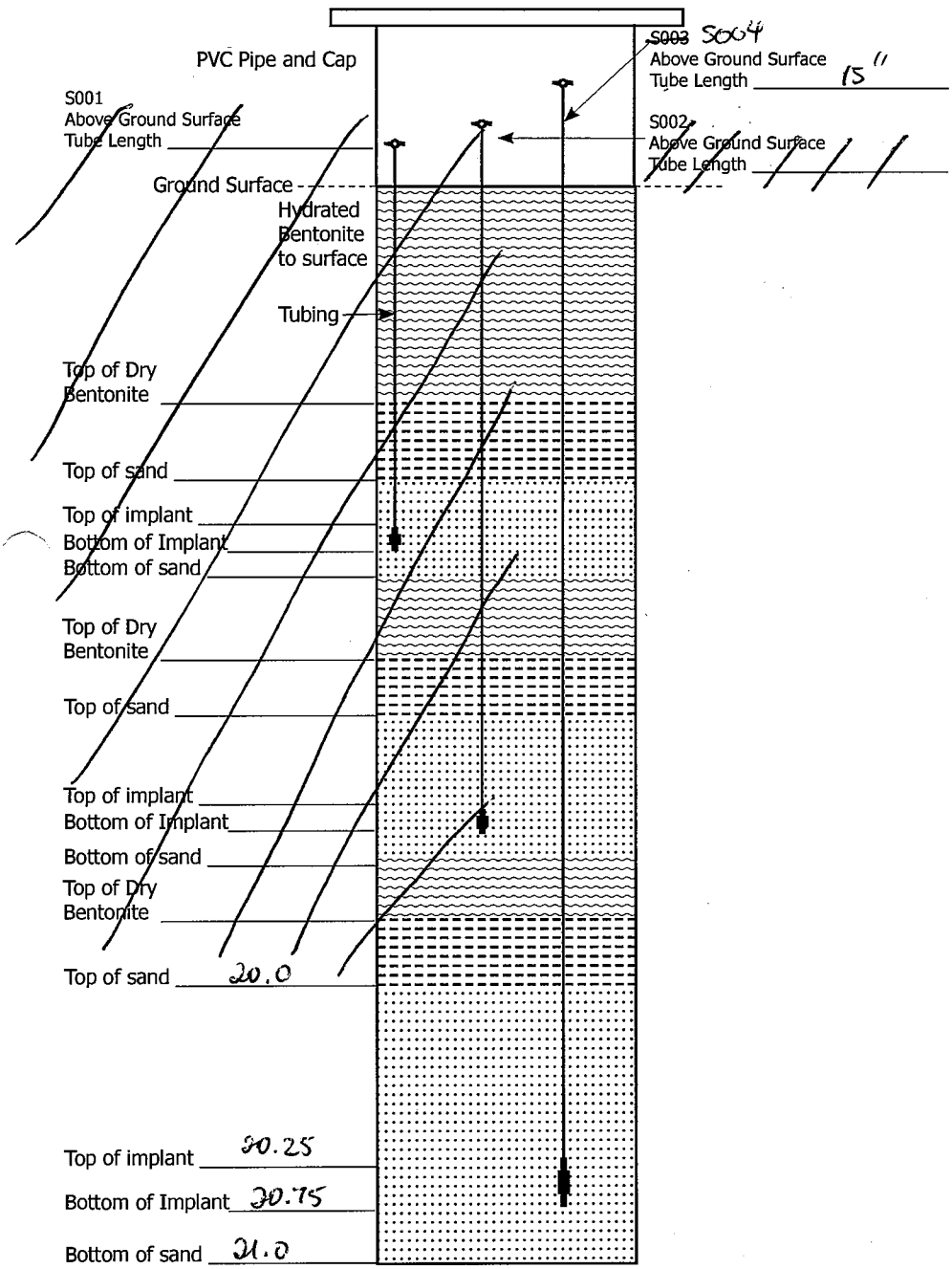
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV-DG-584
Site: SA 5B
Drilling Contractor: EST
Borehole TD: 21.0

Project: Phase 3 DoE SV DG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 1300 / 6-2-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: # 3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

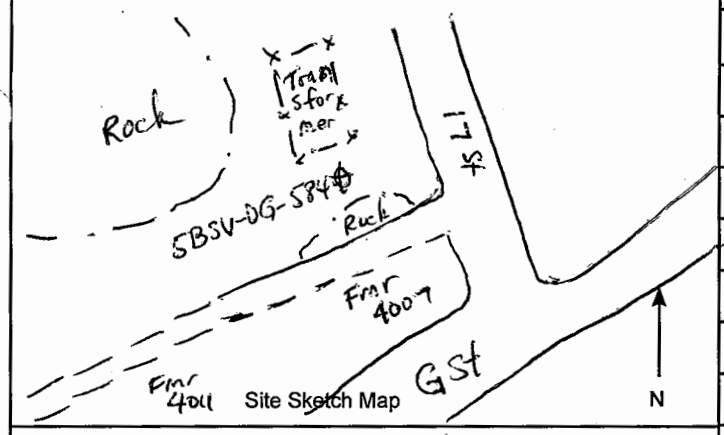
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: SBSV-DG-584	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: SA5B		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macro core			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 21.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1125 / 6-2-14	Drill Finish Time/Date: 1230 / 6-2-14		
Soil Vapor ID: SBSV-DG-584	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1300 / 6-2-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 10.0-11.0, 15.0-16.0, 20.0-21.0	Surface Completion: Soil vapor probes		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

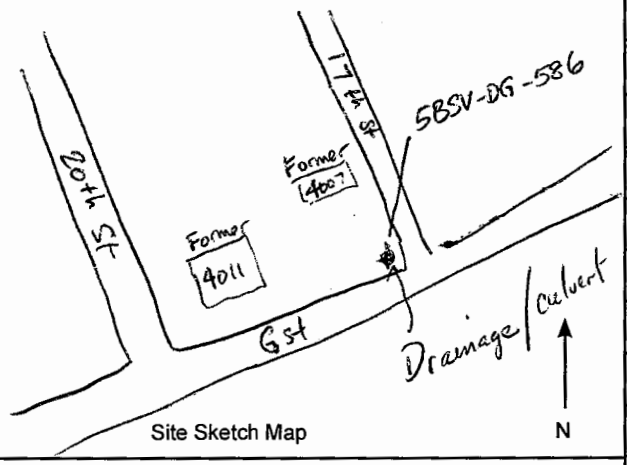
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand Coarse	Medium	Fine	Silt/clay
						0	SM	Surface Description: Heavy veg - mustard. Silty Sand (SM), brown (10YR 4/3), loose, dry, fine sand, non-plastic silt, roots, asphalt debris, fill, no odor, no stain,	-	-	-	70	30/
		45"				1							
						2							
						3		@3' Color changes to dark brown (10YR 3/3).					
						4							
						5		@5' color changes to dark yellowish brown (10YR 4/4, grades with clayey nodules, fill	-	-	-	60	30/10
		48"				6		@6' color changes to yellowish brown (10YR 5/6).					
						7							
						8		Poorly Graded Sand w/ Gravel (SP-GW), yellowish brown (10YR 5/8), loose, dry,	5	-	20	75	TR
		48"				9	SP-GW	fine to medium sand, fine gravel, trace fines, fill, friable					

QA/QC
Surficial media boring log rev 2-25-2014

Boring ID: SBSV-DG-584 Project: Phase 3 DOE Soil Vapor Data Gap 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10	SP						
						11							
		NONE											
						12							
						13							
		48"											
			NONE			14							
						15							
							SM	Silty Sand (SM), yellowish brown (10YR 5/6)					
						16		with pale brown (10YR 6/3) of weathered					
		45"						zones, ~~fine sand~~, loose, slightly					
						17		moist, fine sand, non-plastic silt,					
								fill, no odors or stains.					
			NONE			18							
						19							
								w/ gravel and silt (V.V.)					
		8"				20	SW	Well Graded Sand (SW), dark yellowish					
			NONE					brown (10YR 4/6), loose, dry, fine to					
						21	WB	coarse sand, fine gravel, non-plastic					
						22		silt, fill - very different from upper					
								sections.					
						23		@ 21' Sandstone, weathered.					
						24		TD = 21.0 ft, refusal on sandstone bedrock,					
						5		backfill on top of bedrock. Install vapor					
								probes at 5.0-6.0, 10.0-11.0, 15.0-16.0,					
						6		and 20.0-21.0					
						7							
						8							
						9							

MWH.



Site Sketch Map

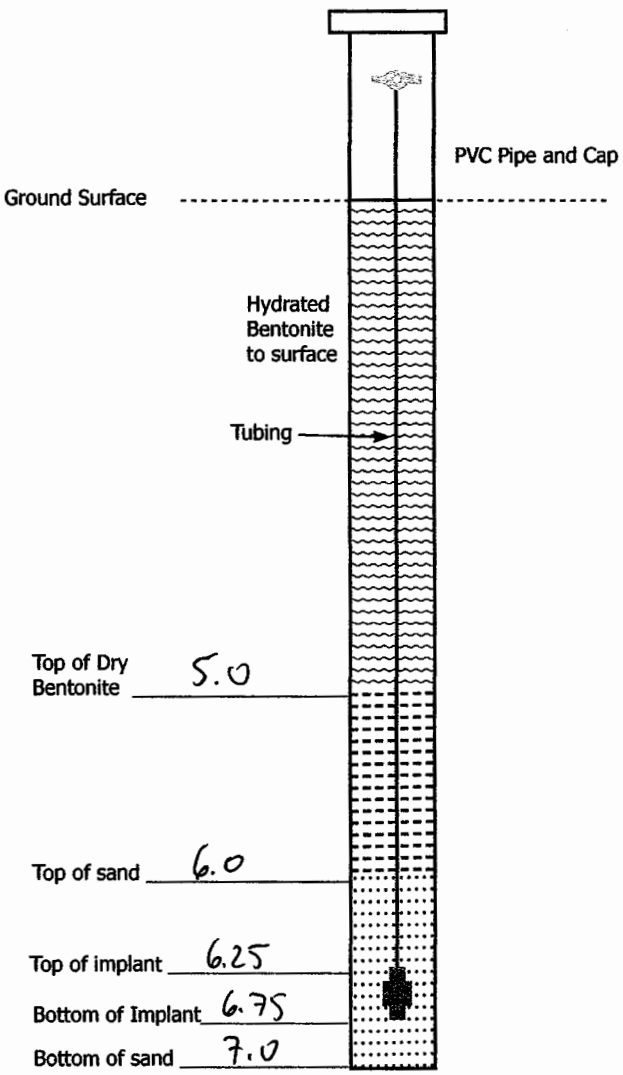
Boring ID: 5BSV-DG-586	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: ~~Macrocore Geoprobe 5400 / DP~~ Hand Auger			
Sampler Type: ~~Macrocore~~ Hand Auger			
Borehole Diam (inch) 3.25	Total Depth (ft.bgs) 4.25		
Drill Bit Type: Hand Auger Bucket			
Drill Start Time/Date: 0809 / 6-4-14	Drill Finish Time/Date: 0847 / 6-4-14		
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 0925 / 6-4-14	Backfill Material: Soil cuttings.	
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: Concrete		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: in culvert 17th / G St	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	AF	12" concrete					
						1	GW	1" Gravel base					
							SP	Poorly Graded Sand (SP), yellowish brown (10YR 5/6), loose, dry, fine sand, very "clean", fill, no stains, no odors	-	-	-	100	-
						2							
						3							
0.0		☒	☒			4		color changes to brownish yellow (10YR 6/6)					
							Br	@4.25' Sandstone, weathered.					
						5		TD = 4.25', refusal on bedrock. Collect soil samples at 3.75-4.25:					
						6		SVL-586-SA5B-SB-3.75-4.25 MS @ 0900					
						7		SVL-~~586~~ 986-SA5B-SB-3.75-4.25 @ 09:05					
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SB SV D1-590
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SB
Reviewed by:
Logged by: Ross Ellis
Drilling Contractor: E&S
Rig Type/Method: Geoprobe 5400
Driller: Marty Kirkhullen
Borehole TD: 7.0' bgs
Probe Completion Date/Time: 02JUN14, 1412
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

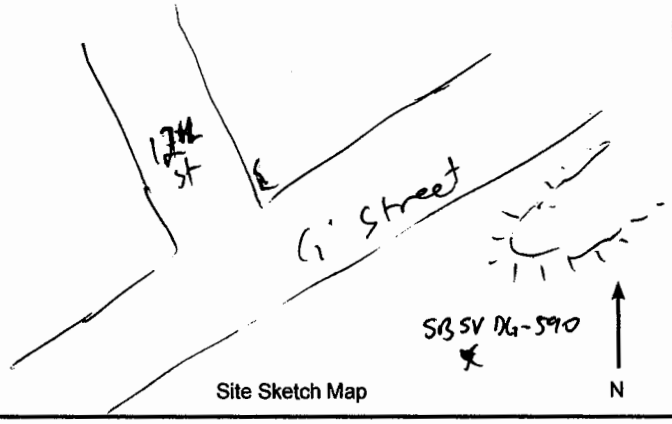
Dry Bentonite
Type: #8 crumble
Manufacturer: Cetco

Hydrated Bentonite
Type: #8 crumble
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SBSV DG-590	Sheet 1 of 1		
Project: Phase 3 DOE SVDG 2014			
Job #: 1050 [illegible] 30510	Site: SB		
Logged By: [illegible]	Reviewed By:		
Drilling Contractor: EST	Drillers Name: [illegible]		
Drill Rig Type/Method: GEOPROBE 5400			
Sampler Type: MACROCORE			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 7.0'		
Drill Bit Type: MACROCORE			
Drill Start Time/Date: 02JUN14, 14:00	Drill Finish Time/Date: 02JUN14, 14:05		
Soil Vapor ID: SBSV DG-590	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 02JUN14; 14:12	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 6.0 - 7.0' bgs	Surface Completion: soil vapor probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

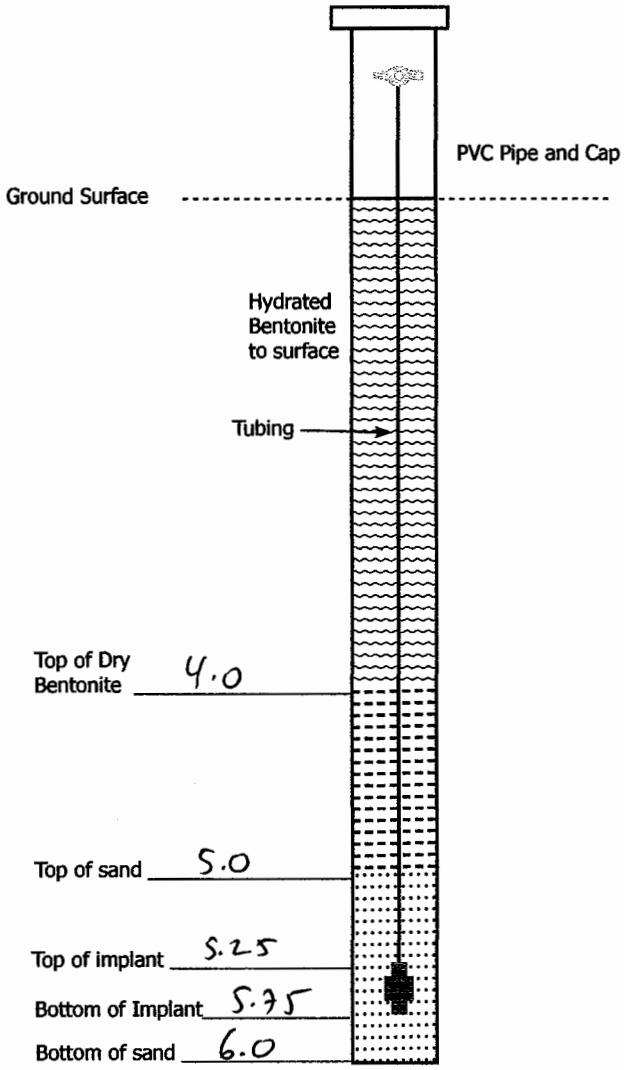
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Soil, mustard, grass					
		48"				0	fill	0.0-1.0					
						1	SM	Silty sand (SM), brown (10YR 5/3) dry, very loose, predominant fine sand (70), some silt (25), few medium sand (5). No stain, no odor, fill.	-	-	5	70	25
						2	SM						
						3		1.0 - 2.5					
		36"				4	SP	Silty sand (SM), yellowish brown (10YR 5/4), medium dense, dry, non plastic, predominant fine sand (65), some silt (25), and trace medium sand. No stain, no odor, fill	-	-	TR	65	35
						5							
						6							
					TD	7		2.5 - 7.0 graded					
						8		Poorly ~~graded~~ sand (SP) yellowish brown (10YR 5/6) medium dense, moist. Predominant fine sand (50), some medium sand (25), few silt (10), few coarse sand (5). No stain, no odor, Native.	-	5	25	70	10
*	Refusal on sandstone bedrock												
*	TD ~ 7.0' bgs					9							

QA/QC
Surficial media boring log rev 2-25-2014

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5BSV DG-593
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: 5B
Reviewed by:
Logged by: Robert
Drilling Contractor: EST
Rig Type/Method: Keoprobe 5400
Driller: Marty Kilhullen
Borehole TD: 6.0' bgs
Probe Completion Date/Time: 03JUN14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Comox

Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

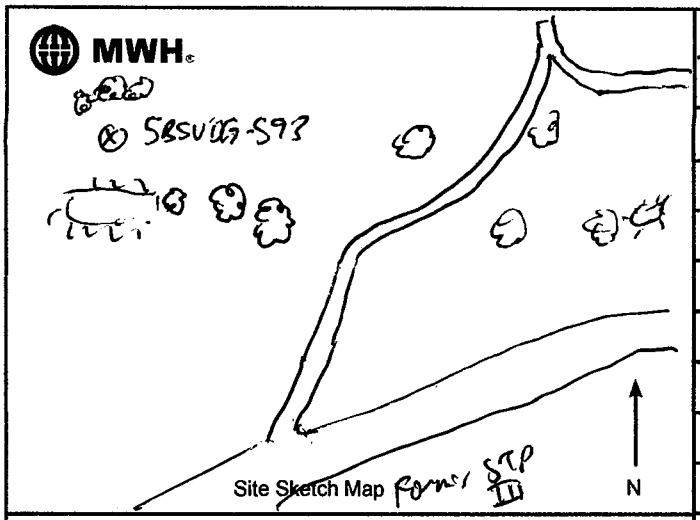
Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map former SRP III

Boring ID: SBSV DG-593	Sheet 1 of 1
Project: Phase 3 DOE SVDG 2014	
Job #: 1050 3982.30T0106	Site: 5B
Logged By: Rob Ellis	Reviewed By:
Drilling Contractor: EST	Drillers Name: Marty Kalhulsen
Drill Rig Type/Method: Geoprobe 5400	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft bgs): 6.0'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 03 JUN 14 10:50	Drill Finish Time/Date: 03 JUN 14 11:03
Soil Vapor ID: SBSV DG-593	Soil Boring Backfill Time/Date: N/A
Soil Vapor Well Completion Time/Date: 03JUN14, 11:18	Backfill Material: N/A
Soil Vapor Probe Depths (ft.bgs): 5.0'-6.0' bgs	Observations: burned debris @ surface; ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None (throughout)
Soil Vapor Well Detail Completed (yes/no)	Surface Completion: SV Probe
	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description: 1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations

Surface Description: flat, mowed

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0 ppm		24"				0	fill SM fill	0.0-1.0 Silty sand (SM), dark brown (10YR 3/3), very loose, dry, predominant fine sand (60), some silt (30), few medium sand (10). No stain, no odor, but fragments of burned material (wood), lot of root/veg debris. Fill.	-	-	10	60	30
						1							
						2	SP						
						3							
						4							
0.0 ppm		24"					fill SM fill	1.0-4.3					
						5							
						sharp →	SP	poorly sorted sand (SP), dark yellowbrown (10YR 4/6), loose, dry, predominant fine sand (70), little silt (15), few med sand (10), Trace coarse sand. No stain, no odor, fill.	- -	TR	10	75	15
						6							
	TD = 6.0' bgs on sandstone bedrock.					7							
	Location moved 6' to the south from proposed location.					8		4.3-5.1 Silty sand (SM), dark brown (10YR 3/3), dense, dry, non plastic, mostly fine sand (60) some silt (40). No stain no odor, fill.	-	-	-	60	40
						9				-	15	75	10

5.1-6.0 poorly graded sand (SP) dark yellow (2.5Y 6/6). Mostly fine sand (75) little medium sand, few silt (10) no stain, no odor native.

QA/QC
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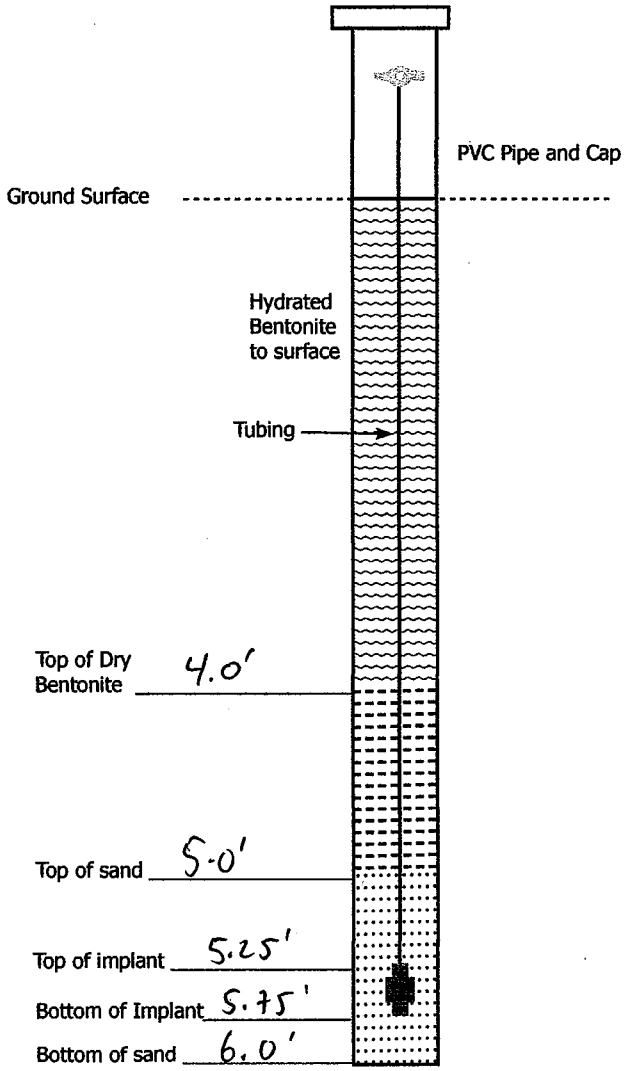
MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV DG-594
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SB
Reviewed by:
Logged by: Rob Ellis
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400
Driller: Marty Kilhullen
Borehole TD: 6.0' bgs
Probe Completion Date/Time: 03JUN14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3 sand
Manufacturer: Cemex

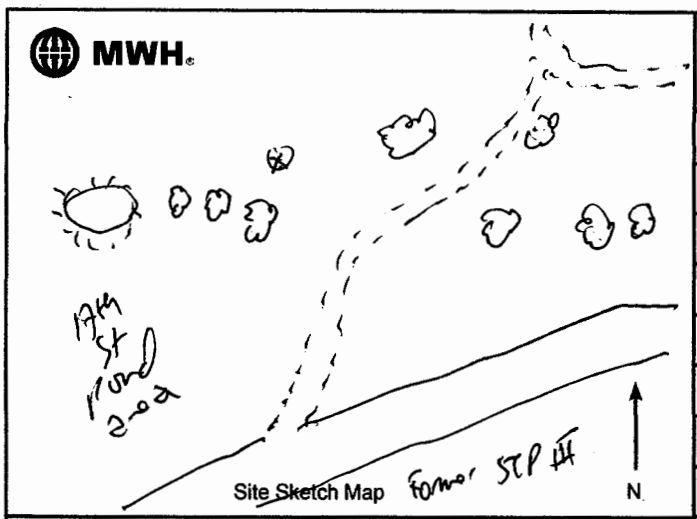
Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Boring ID: SBSVDG-594	Sheet 1 of 1
Project: Phase 3 DOE SVDG 2014	
Job #: 10503982.3050106	Site: 513
Logged By: RB Ellis	Reviewed By:
Drilling Contractor: EST	Drillers Name: Marty Kilmulley
Drill Rig Type/Method: Macrocore Geoprobe 5400	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 6.0'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 12:03 03 JUN 14	Drill Finish Time/Date: 12:08 03 JUN 14
Soil Vapor ID: SBSVDG-594	Soil Boring Backfill Time/Date: N/A
Soil Vapor Well Completion Time/Date: 03 JUN 14, 12:10	Backfill Material:
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0' bgs	Observations: some pipe/brick, burned wood ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Well Detail Completed (yes/no)	Surface Completion: SV Probe
	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description / Surface Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0 ppm		42"				0		0.0-4.0					
						1	SM	Silty sand (sm), brown (10YR 4/2) very loose, dry transitions to	-	5	10	55	30
						2		dense, dry at ~2.0' with some mottled nodules/lack like decomposed sandstone fragments					
						3		Predominant fine sand (55), some silt (30), few medium sand (10)					
0.0 ppm		24"				4	SP	and few coarse grains (5). Some fragments of debris, burned					
						5		wood, clay pipe (?) up to 2mm. Mile from oxidation, no odor, no					
					TD	6		stain, fill material.					
• TD = 6.0' bgs. Refusal on sandstone bedrock						7		4.0-6.0 Poorly sorted sand (SP), dark yellow brown (10YR 4/4), loose, dry. Mostly	-	TR	10	80	10
						8		fine sand (80), few medium sand and silt (10% each), Trace coarse sand. No					
						9		stain, no odor. Fill material. Bedrock @ 6.0' bgs, weathered 10YR 6/3 pale brown, M shale.					

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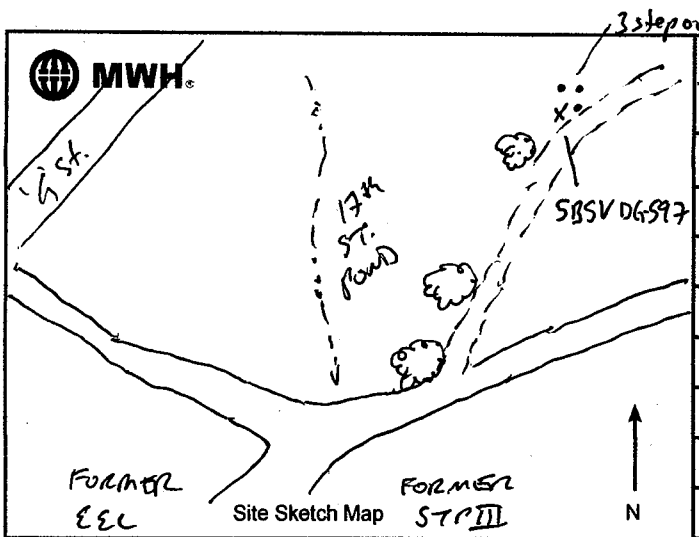


Site Sketch Map

Boring ID: SBSV DG-597	Sheet 1 of 1
Project: Phase 3 DOE SVDG 2014	
Job #: 10503982.B050106	Site: SB
Logged By: RM ELLIS	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTY KILHULLEN
Drill Rig Type/Method: Geoprobe 5400	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 1.0'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0743 03 JUN 2014	Drill Finish Time/Date: 08:15 03 JUN 2014
Soil Boring Backfill Time/Date: 08:32 03 JUN 2014	Backfill Material: soil cuttings 03 JUN 2014
Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None	
Surface Completion: None	
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None	

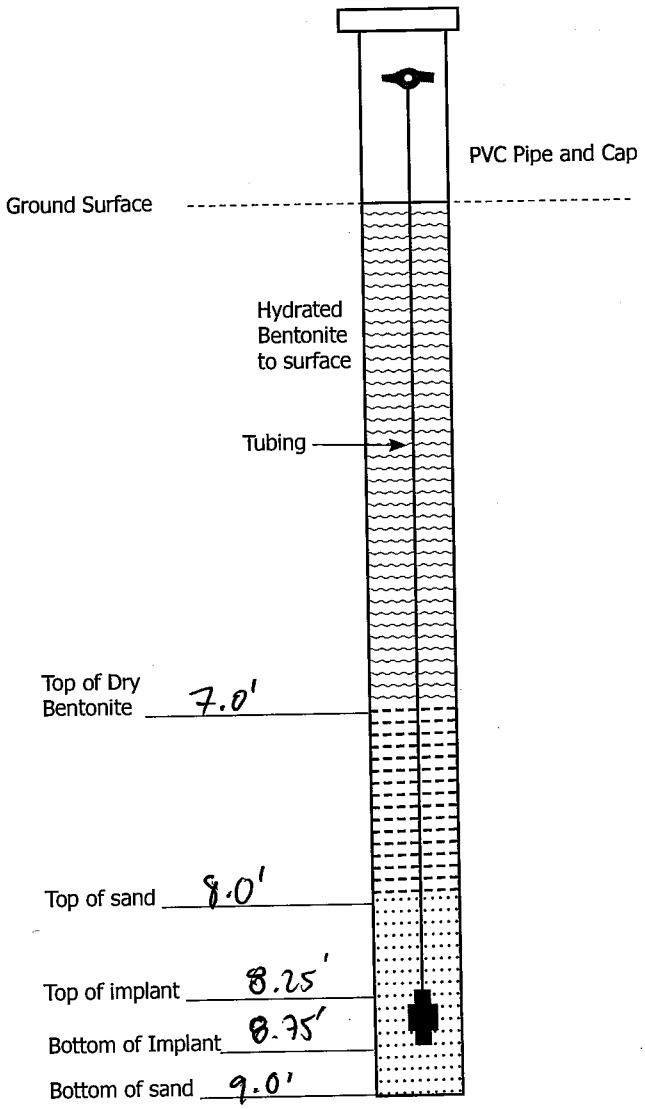
Soil Vapor ID:	N/A
Soil Vapor Well Completion Time/Date:	N/A
Soil Vapor Probe Depths (ft.bgs):	N/A
Soil Vapor Well Detail Completed (yes/no)	N/A

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand Coarse	Medium	Fine	Silt/clay
								Surface Description: Grasses + Erodium					
	X	12"	~~X~~			0	SM SP	0.0 - 0.5					
								Silty sand (SM), brown (10YR 5/3)	-	-	10	55	35
						1		very loose, dry, predominant fine sand (55), some silt (35), few medium					
0.0 ppm	~~SB-597 SA5B-SB-0.5-1.0~~ 10 µRem, 54 cpm					2		~~TD = 1.0' bgs~~ sand (10). No stain, no odor. Native					
						3		0.5 - 1.0					
						4		Poorly graded sand (SP) pale	-	15	20	55	10
								brown (10YR 6/3). loose, dry					
						5		Predominant fine sand (55), little					
								medium sand (20), little coarse					
						6		sand (15), few silt (10) no					
								stain, no odor, Native.					
						7							
								• TD = 1.0' bgs on sandstone					
						8		bedrock (refusal).					
								• Backfilled w/ soil cuttings					
						9		@ 08:32					
								• stepped out to N, NE, E ~					
								18" to confirm refusal					

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV-DG-599
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SB
Reviewed by:
Logged by: RWXWIS
Drilling Contractor: EST
Rig Type/Method: HAND AUGER
Driller: MORGAN HUGHES
Borehole TD: 9.0' bgs
Probe Completion Date/Time: 11 JUN 14, 12:43
Borehole Diameter: 2½" ~~[illegible]~~



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3 sand
Manufacturer: Cemex

Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

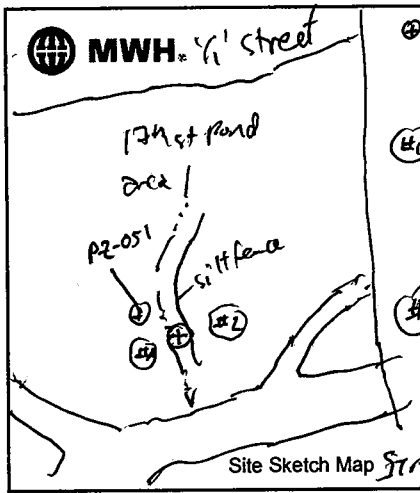
Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH. Y1 street



Site Sketch Map Sr III

⊕ SBSVDG599 primary - refusal at 0.5' bgs.
(#1) stepout 15' (W) into bank terrace w/ refusal 2.0' bgs
(#2) stepout 20' (E) into hummocky area.
N

Boring ID: SBSV_DG-599	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: SB		
Logged By: RBELLIS	Reviewed By:		
Drilling Contractor: EST	Drillers Name: MORGAN HUGHES		
Drill Rig Type/Method: HAND AUGER			
Sampler Type: BUCKET AUGER GRAB			
Borehole Diam (inch): 3.5"	Total Depth (ft.bgs): 9.0'		
Drill Bit Type: BUCKET AUGER			
Drill Start Time/Date: 12:07 11JUN14	Drill Finish Time/Date: 12:32 11JUN14		
Soil Vapor ID: SBSV_DG-599	Soil Boring Backfill Time/Date: N/A	Backfill Material:	
Soil Vapor Well Completion Time/Date: 11JUN14 ; 12:43	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 8.0 - 9.0' bgs	Surface Completion: SV Probe		
Soil Vapor Well Detail Completed (yes/no) yes	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

Soil Description wild oats.

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: hummocky, berms.

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		100%				0	SM	0.0 - 1.0					
						1		Silty sand (SM), grayish brown (10YR 5/2). very loose, dry, pervasive roots, more like A horizon. Mostly fine sand (60), some silt (30), few medium sand (10). No stain, no odor. Fill material	–	–	10	60	30
						2							
						3							
						4	SM	1.0 - 9.0					
						5		Silty sand (SM) dark yellowish brown (10YR 4/4). loose, slightly moist. Mostly fine sand (55), some silt (35) and few medium sand. Silt fraction increases to ~40% at ~7.0' bgs., medium sand decreases.	–	–	10	55	35
						6							
						7			–	–	5	55	40
						8		TD = 9.0' bgs with refusal on sandstone bedrock					
						9		This is boring stepout location #2. (see map).					

QA/QC
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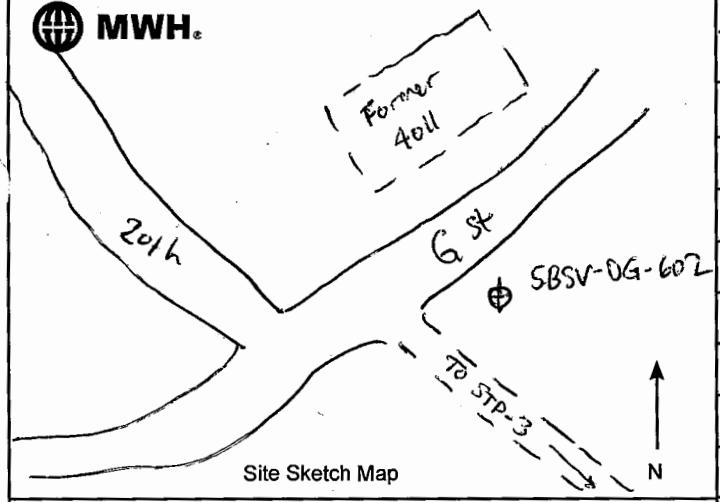
MWH.



Site Sketch Map

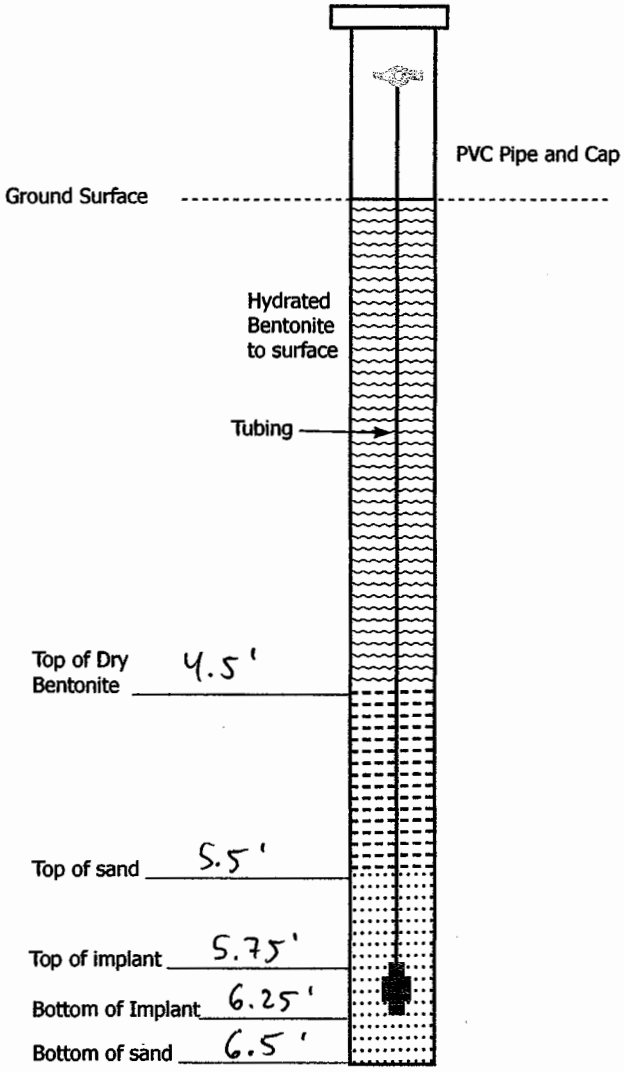
Boring ID: 5BSV-DG-602	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5B
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes.
Drill Rig Type/Method: Geoprobe / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 5.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0923 / 6-3-14	Drill Finish Time/Date: 0940 / 6-3-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: ~~N/A~~ 0945 / 6-3-14 Backfill Material: Soil cuttings.
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None.
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations Surface Description: Graded, veg cleared.	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), brown (10YR 4/3), loose, dry, fine sand, non-plastic silt, no stains or odors, fill	-	-	-	70	30
		30"	NONE			1							
						2	ML	Silt w/ sand (ML), yellowish brown (10YR 5/8), med. stiff, dry, silt, fine sand, low to medium plasticity, small white nodules, fill				15	80/5
						3							
						4		Color changes to brownish yellow (10YR 6/8),					
		12"	NONE										
0.0					09:50	5	SP	Poorly Graded Sand (SP), brownish yellow (10YR 6/8), loose, dry, non-cemented, native soil, no stains or odors.	-	-	-	100	-
3VL-602-SA5B-SB-4.5-5.0							BR	Sandstone, weathered.					
						6							
						7		TD= 5.0, Refusal on bedrock, collect soil samples for voc analyses 4.5-5.0 ft					
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SB SV DG-606
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: 5B
Reviewed by:
Logged by: RMB Ellis
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400
Driller: MARTY KILHULLEN
Borehole TD: 6.5' bgs
Probe Completion Date/Time: 03 JUN 2014 08:40
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

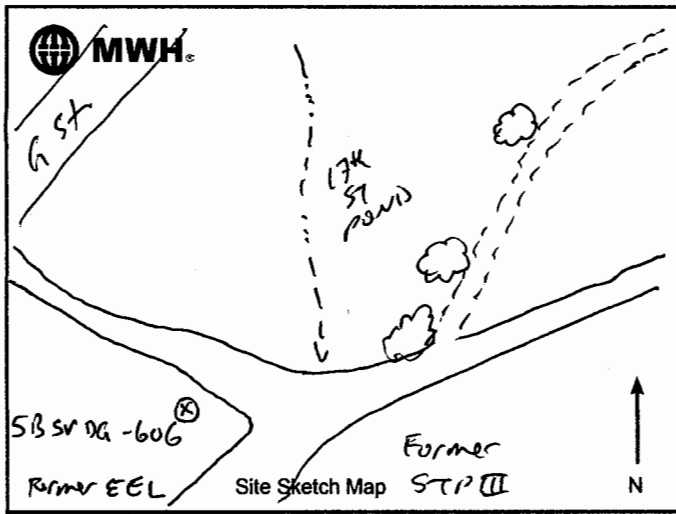
Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH



Site Sketch Map

Boring ID: SB SV DG-606	Sheet 1 of 1
Project: Phase 3 DOE SVDG 2014	
Job #: 10503982.3050106	Site: SB
Logged By: RWBellis	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTY KILHULLEN
Drill Rig Type/Method: Geoprobe 5400	
Sampler Type: Macro core	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 6.5'
Drill Bit Type: Macro core	
Drill Start Time/Date: 08:34 03 JUN 2014	Drill Finish Time/Date: 08:36 03 JUN 2014
Soil Vapor ID: SB SV DG-606	Soil Boring Backfill Time/Date: N/A Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 03 JUN 14; 08:40	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 5.5'-6.5'	Surface Completion: SV probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: grasses, mustard					
0.0 ppm		48"				0	SM	0.0-2.5 Silty sand (SM), dark yellowish brown (10YR 4/4), very loose, dry. Predominant fine sand (65), some silt (30), few medium sand (5), No stain, no odor. Fill.	-	-	5	65	30
						1							
						2							
						3	SP	2.5-4.0 Poorly sorted sand (SP), dark yellowish brown (10YR 4/4), med. dense, dry. Predominant fine sand (70), silt (15), few medium sand (10), few coarse sand (5). Transitions to dark yellowish brown (10YR 4/6) at 3.0' bgs. No stain, no odor. Fill	-	5	10	70	15
						4							
0.0 ppm		30"				5	SP						
						6							
						7							
TD = 6.5' bgs refusal on sandstone bedrock						8		4.0-6.5' Poorly sorted sand (SP), light olive brown (2.5Y 5/6). Predominant fine sand (65), little med sand / silt (15% each), few coarse sand.	-	5	15	65	15
						9							

Some fragments of white (calcite?). effervesces. No stain, no odor - Native

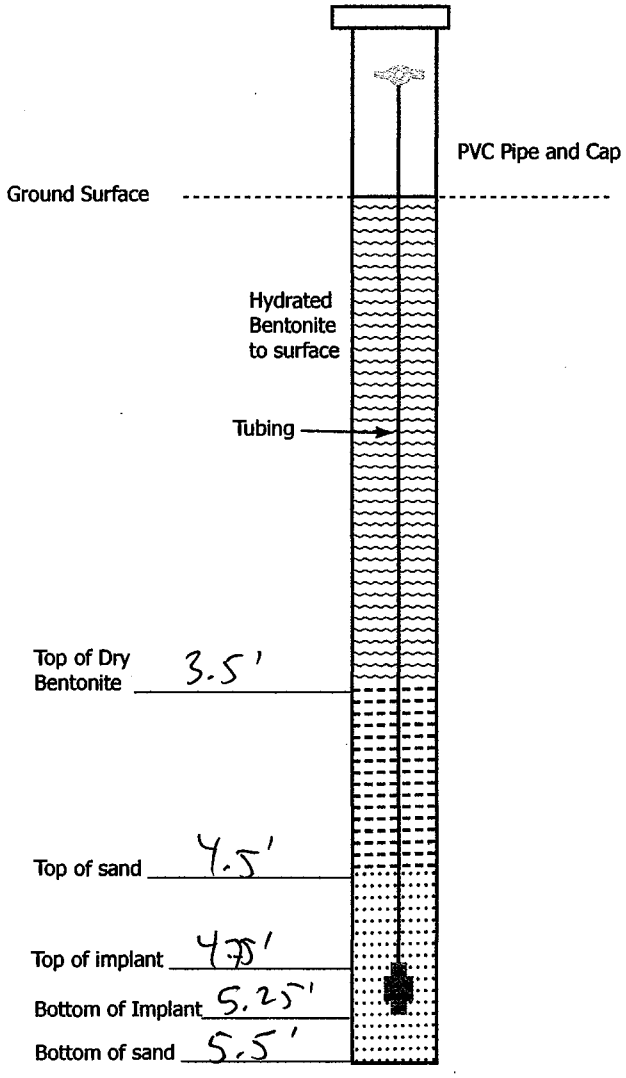
QA/QC

Surficial media boring log rev 2-25-2014

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SBSV DG-612
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SB
Reviewed by:
Logged by: Rob Ewis
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400
Driller: MARTY KILHULLEN
Borehole TD: 5.5' bgs
Probe Completion Date/Time: 03 Jun 14, 14:20
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3 sand
Manufacturer: Colorex

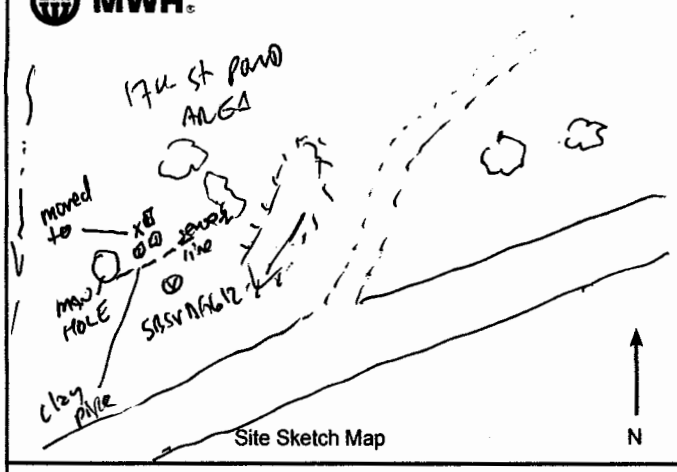
Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SBSV DG-612	Sheet 1 of 1
Project: Phase 3 DOE SVDG 2014	
Job #: 10503982.305010	Site: SB
Logged By: Rob Ellis	Reviewed By:
Drilling Contractor: EST	Drillers Name: Mark Rollins
Drill Rig Type/Method: Geoprobe 5400	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 5.5'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 13:52 03 JUN 14	Drill Finish Time/Date: 14:02 03 JUN 14
Soil Vapor ID: SB SV DG-612	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 03 JUN 14, 14:20	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 4.5 – 5.5'	Surface Completion: SV probe
Soil Vapor Well Detail Completed (yes/no): attached	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description
1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations

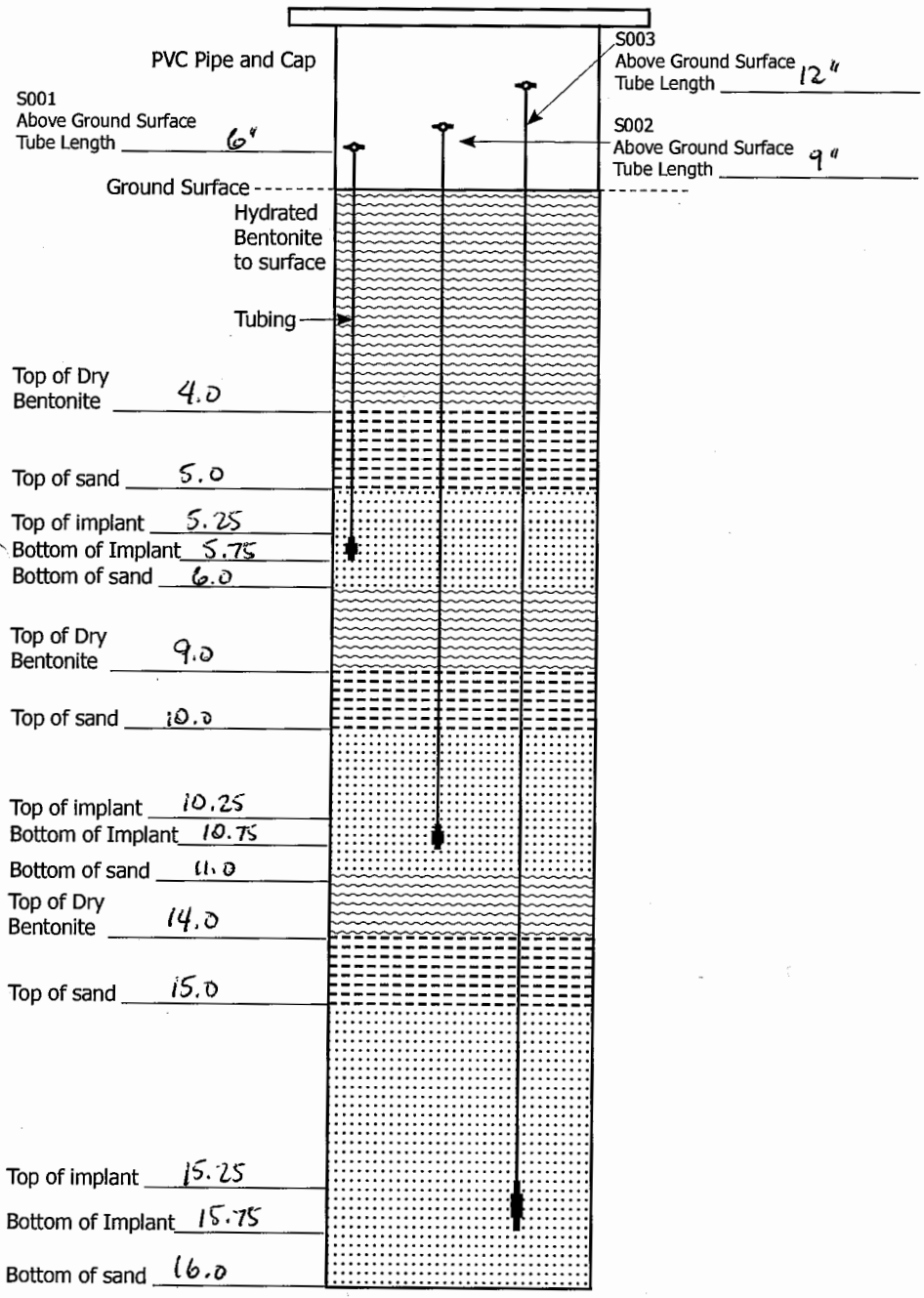
Surface Description: clay pipe debris, sewer.

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0 ppm		42"				0		0.0 – 5.5'					
						1		Silty sand (SM) brown (10YR 4/3)	5	5	10	50	30
								very loose, dry for the first					
						2		few inches transitioning to					
							SM	loose / med dense to 5.5'.					
						3		Mostly fine sand (50), some silt					
								(30), few medium sand (10),					
						4		and few coarse sand / gravels					
0.0 ppm		18"						(5% each). Gravels consist of					
						5		sandstone fragments and					
						TD		1-2 base gravels at 3.5' bgs.					
						6		Color change at 1.0' bgs to					
	Moved location							dark yellowish brown (10YR 4/4),					
	10' to the (N)					7		to TD. 3" lite yellowish brown (2.5					
								Y 6/3) sand lens at 3.2' bgs.					
						8		No stain, no odor. Fill					
								material.					
						9		TD = 5.5' bgs, refusal on					
								sandstone bedrock.					

MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-505
Project: Phase 3 DoE SVDG
Job #: 10503982
Site: SA 5C
Logged by: U. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 16.0
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1505/5-27-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

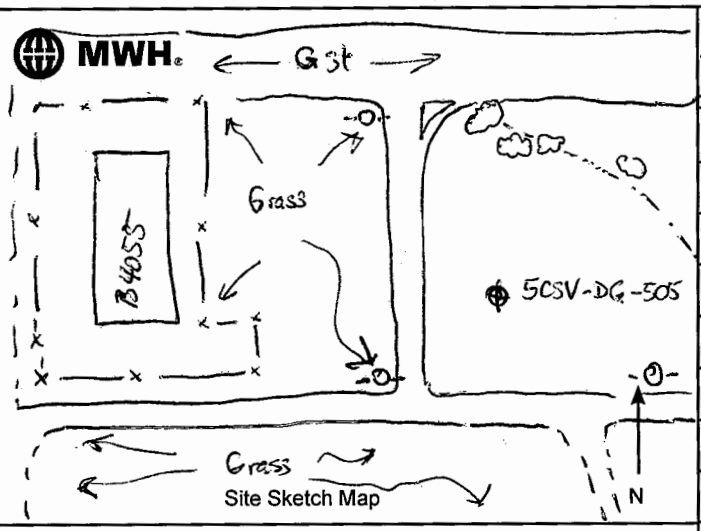
Hydrated Bentonite

Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2



Site Sketch Map

Boring ID: 5CSV-DG-505	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 5C
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 16.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1345 / 5-27-14	Drill Finish Time/Date: 1420 / 5-27-14
Soil Vapor ID: 5CSV-DG-505	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1505 / 5-27-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 10.0-11.0, 15.0-16.0	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Gravel base and weeds.	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), brown (10YR 4/3), loose, dry, fine sand, non-plastic silt, no odors or stains, fill	-	-	-	60	40/
			NONE			1	ML		-	-	-	TR	90/10
						2		Silt w/clay (ML), dark yellowish brown (10YR 4/4), stiff, dry, non-plastic silt, clay, trace fine sand, white <1mm nodules, med. cementation, no odors, fill					
0.0						3							
						4							
						5	ML	~~Silt with Sand~~ Sandy Silt (ML), mottled light yellowish brown (10YR 6/4) and very pale brown (10YR 8/2), low plasticity silt, coarse to fine sand ~~(strong)~~, strong weathering, fill.	-	10	10	15	65/
			NONE			6							
						7		@7' 9mm wide band of weathered material very pale brown (10YR 8/2)					
			NONE			8	SM	Silty Sand w/ clay (10YR 5/4), yellowish brown, dense, dry, fine sand, non-plastic fines, white (10YR 8/1) streaks,	-	-	-	70	20/10
						9							

con't next page

Boring ID: 5CSV-DG-505 Project: Phase 3 DOE SV DG Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0		42"	NONE			10							
						11	ML	Silt w/ Sand (ML), very dark yellowish brown (10YR 4/4), very stiff, dry, f. (V.V.)	-	-	-	20	80
		42"	NONE			12	SP-SM	low-plasticity silt, fine sand, no odors or stains, native soil, moderate silt cement SP-SM (V.V.)	-	-	-	90	10
						13							
						14		Poorly Graded Sand, (~~SP~~), pale brown (10YR 6/3), fine sand, non-plastic silt, friable, no odors or stains; native soil					
0.0		12"	NONE			15	SP	@ 14' grades w/ low plasticity fines.					
						16	SP	@15' grades w/o fines (Poorly Graded Sand)	-	-	-	100	-
						17		@ 16' Sandstone, weathered.					
						18							
						19							
						20		(V.V.) TD = 16.0; refusal on bedrock, install probes at 5.0-6.0, 10.0-11.0, 15.0-16.0					
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

5-6 15-16
10-11

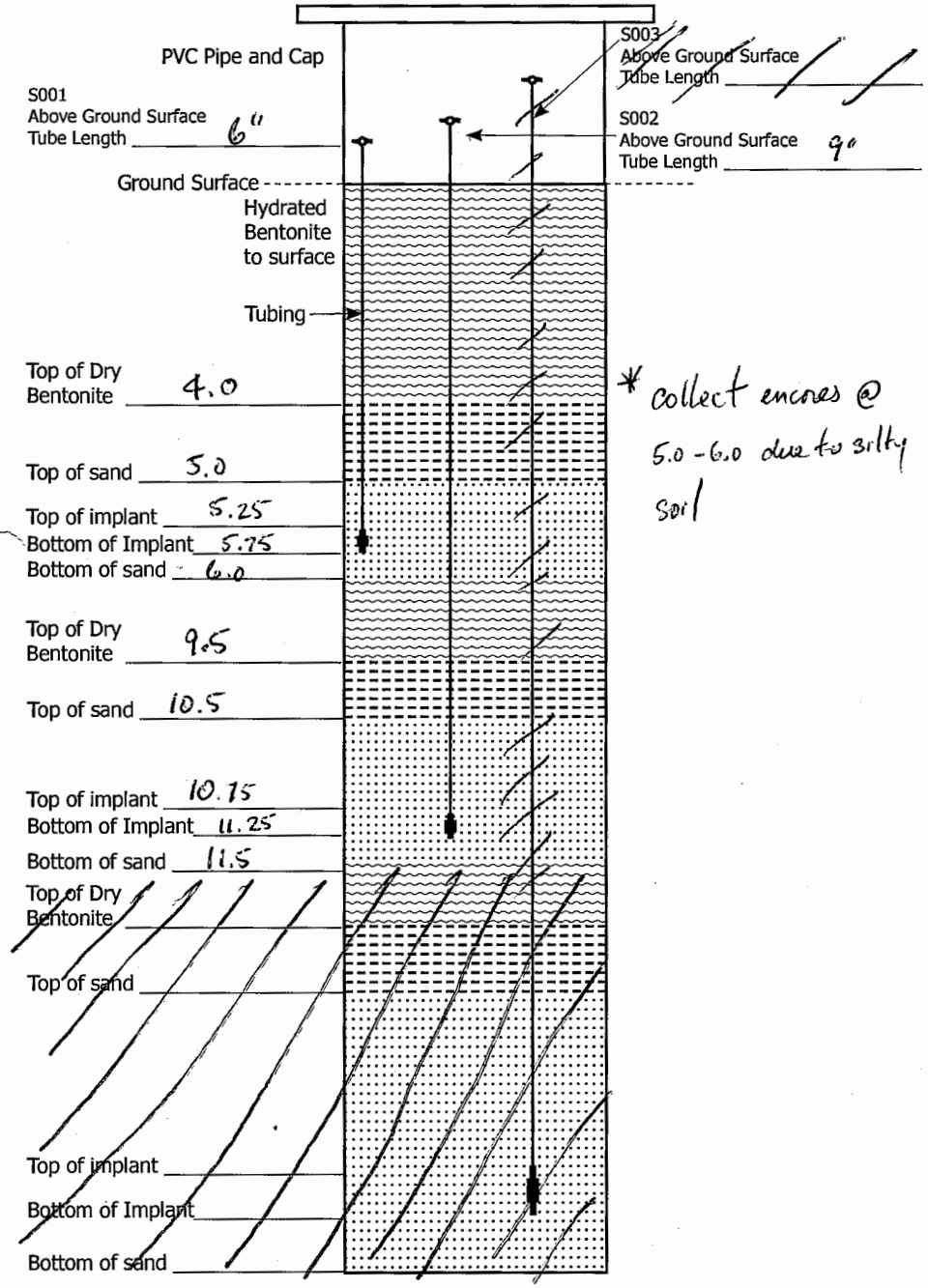
MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SCSV-DG-~~505~~ 507 (V.V.)
Site: SA 5C
Drilling Contractor: EST
Borehole TD: 11.5

Project: Phase 3 DoE SV DG 2014
Logged by: V. Vathanavin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400/DP
Probe Completion Date/Time: 0939 / 5-28-14



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

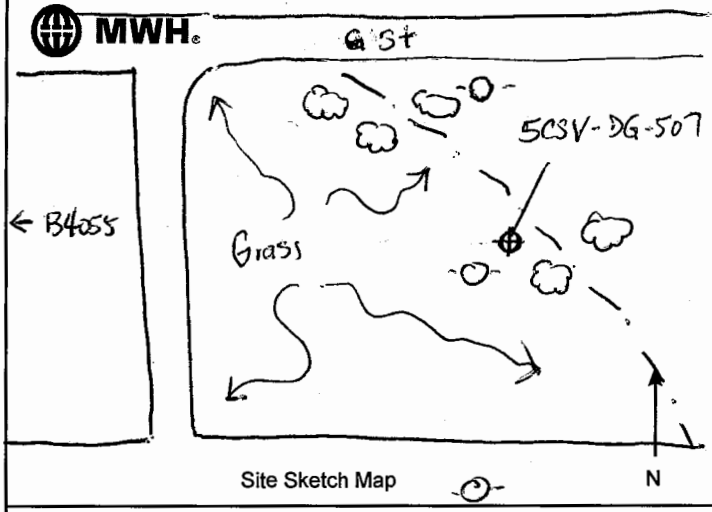
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:
1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

-DG-

MWH.



Site Sketch Map

Boring ID: 5CSV-507	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 5C
Logged By: V. Vathanosin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 11.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0904 / 5-28-14	Drill Finish Time/Date: 0925 / 5-28-14
Soil Vapor ID: 5CSV-DG-507	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 0939 / 5-28-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 10.5-11.5, 5.0-6.0	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Veg. cleared area.	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), brown (10YR 4/3), loose, dry, fine sand, silt, roots, traces of decomposed granitic gravel, fill	TR	-	-	65	35/
0.5		33"				1							
						2		@1.5' color changes to dark brown (10YR 3/3), dark organic layer					
						3		@3' grades (Vir.) w/ med. plasticity clay w/clay (Vir.)	-	-	-	65	25/10
						4	ML	@4' Silt (ML), brown (10YR 5/3), stiff, dry, low-plasticity silt, medium plasticity clay, fill, no odors or stains.					85/15
			X		0940	5							
		48"				6							
4.7								5CSV-507-SA5C-SD-5.0-6.0					
		SVL				7	SM	Silty Sand w/clay (SM), yellowish brown (10YR 5/6), loose, dry, fine sand, ~~low~~ low plasticity fines, no odors or stains, native soil	-	-	-	60	40
						8		@8.0 grades w/o clay	-	-	-	60	40
						9							

QA/QC
Surficial media boring log rev 2-25-2014

5-6
11.5

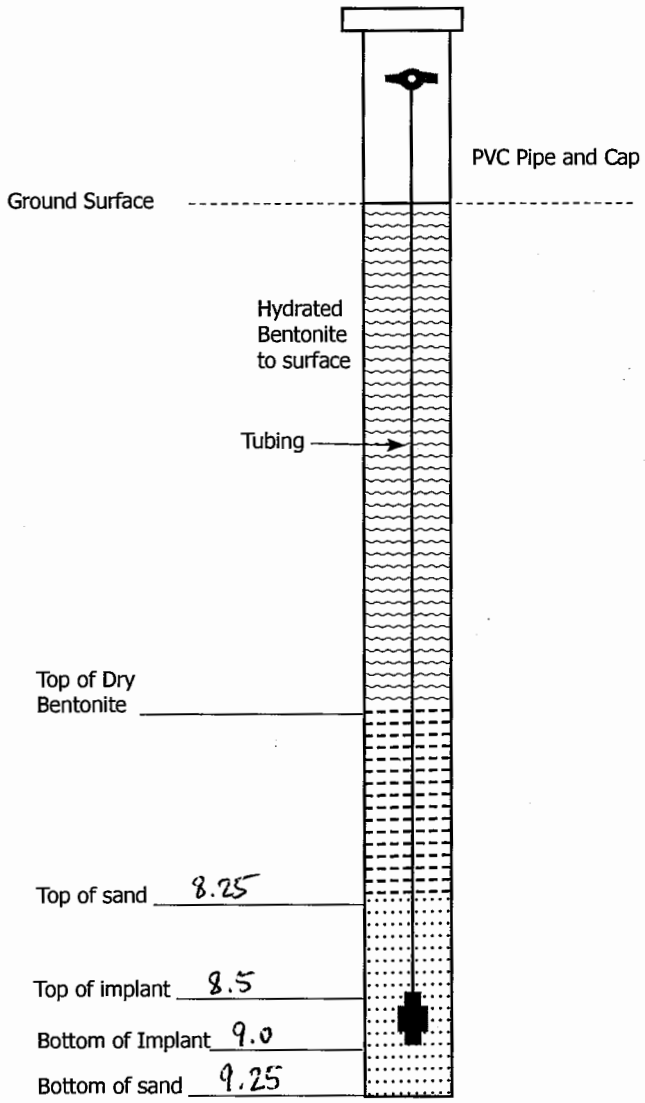
Boring ID: 5CSV-DG-507 Project: Phase 3 DOE SV DG 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10	SM						
7.1						11							
						12	Br	Sandstone, weathered.					
						13		TD = 11.5, refusal on bedrock. Install vapor probes at 5.0-6.0, 10.5-11.5. Collect Encores at 5.0-6.0 due to silt and potential for low flow conditions.					
						14							
						15							
						6							
						7							
						8							
						9							
						0							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-508
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SA5C
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400 / DP
Driller: Morgan Hughes
Borehole TD: 9.25
Probe Completion Date/Time:
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

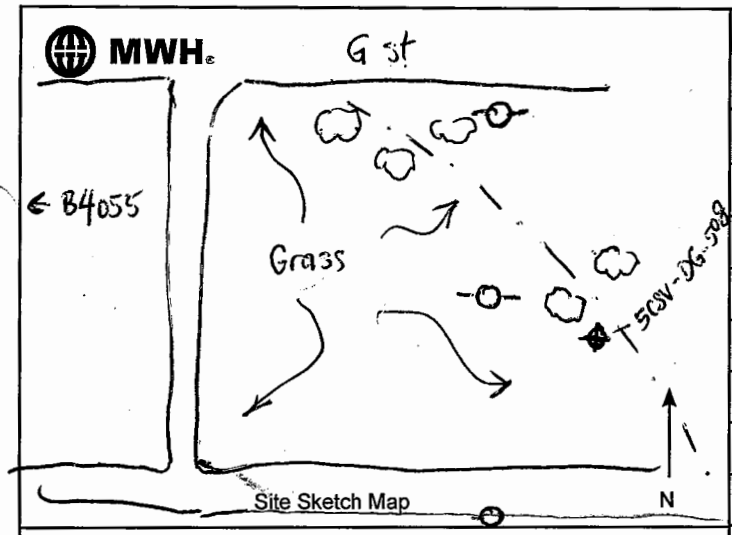
Dry Bentonite
Type: #8
Manufacturer: Cetco

Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-508	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA5C
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP (V.V.)	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 9.25
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0754 / 5-28-14	Drill Finish Time/Date: 0820 / 5-28-14
Soil Vapor ID: 5CSV-DG-508	Soil Boring Backfill Time/Date: N/A Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 0840 / 5-28-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 8.25 - 9.25	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Hummocky area, grass	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), brown (10YR 4/3), loose, dry, fine sand, non-plastic silt, roots down to 3", fine angular gravel, no odors or stains, fill	<5	-	-	65	30
28.4		41"	NONE			1							
						2							
						3		@1.9' color changes to yellowish brown (10YR 5/4), no roots or gravel	-	-	-	65	35
						4	ML	Silt (ML), yellowish brown (10YR 5/6), stiff, dry, non-plastic silt, slightly layered, fill, no odors or staining.	-	-	-	-	100/
		48"	NONE			5							
						6	SM	Silty Sand (SM), yellowish brown (10YR 5/4), med. dense, dry, fine sand, non-plastic silt, ~~few~~ medium grained, sub angular sand, slight yellowish brown oxidation (10YR 5/8) (V.V.)	-	-	10	60	30/
						7							
		15"	NONE			8							
15.1						9							
							Br	@9.25 Sandstone, weathered. TD = 9.25', refusal on bedrock. Install probe at 8.25-9.25					

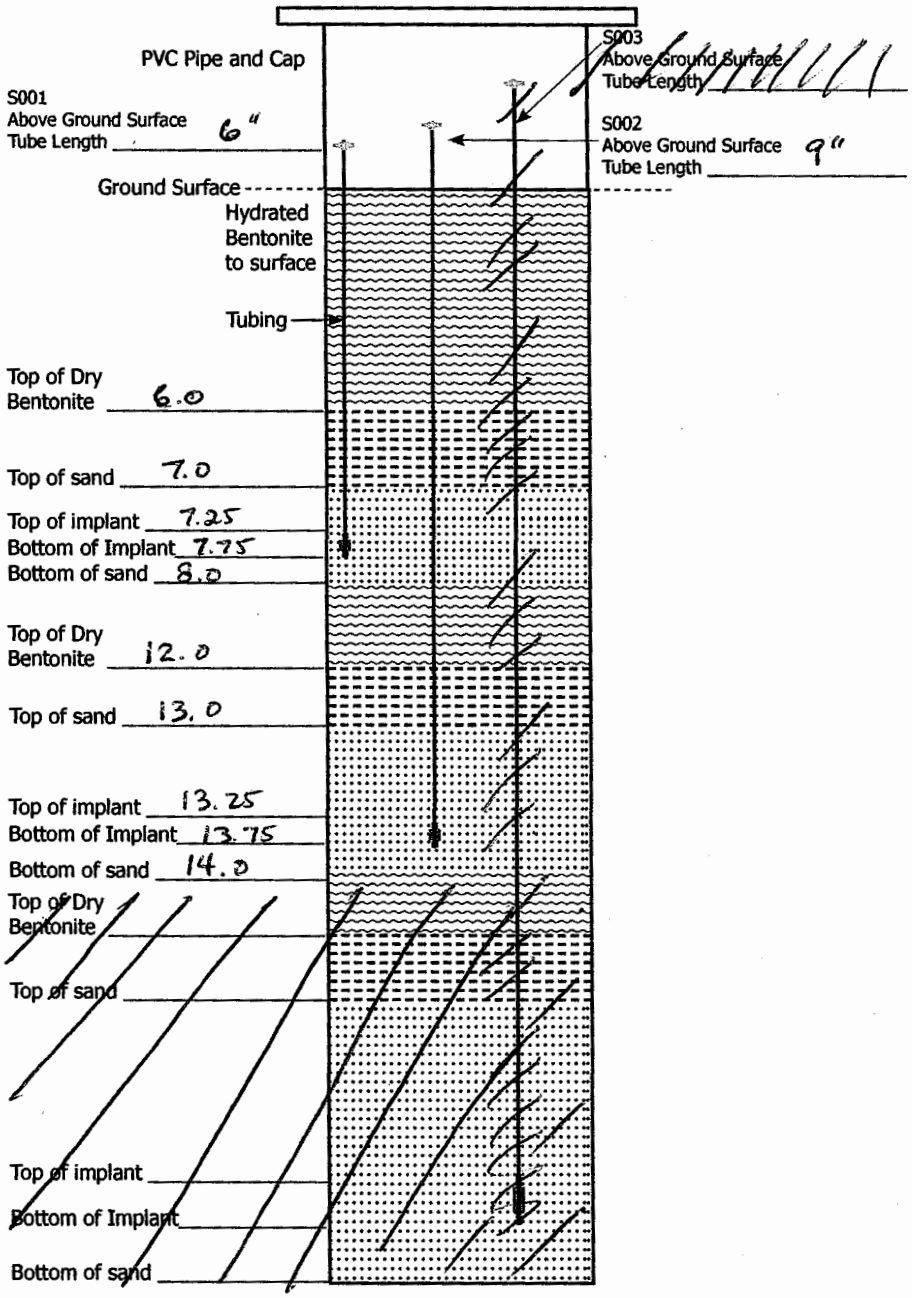
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-511
Site: 5C
Drilling Contractor: EST
Borehole TD: 14.0

Project: Phase 3 DOE Data Gap Sampling 2014
Logged by: V. Vathanasin
Driller: Marty D'Kilmullen
Borehole Diameter: 3.25"

Job #: 10503982.3050105/10503982.3060105
Reviewed by:
Rig Type/Method: Hand auger
Probe Completion Date/Time: 0905 / 6-12-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

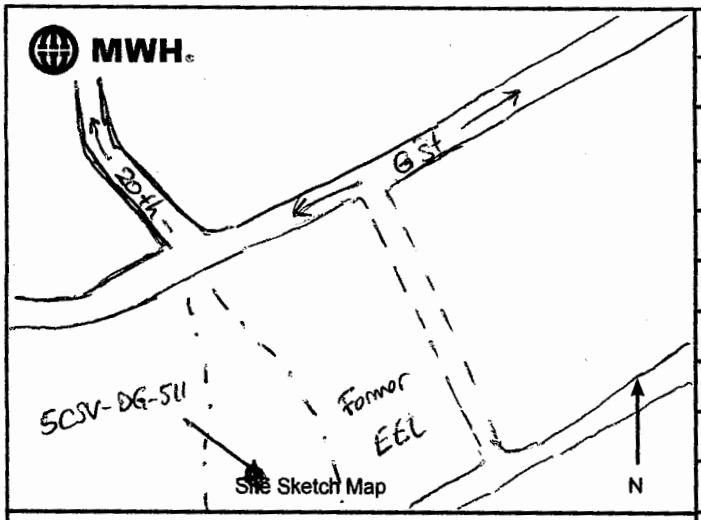
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-511	Sheet 1 of 2
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 5C
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Marty Kilhullen
Drill Rig Type/Method: Hand auger	
Sampler Type: Grab	
Borehole Diam (inch) 3.25	Total Depth (ft bgs) 14.0
Drill Bit Type: Std. Hand auger bucket	
Drill Start Time/Date: 0740 / 6-12-14	Drill Finish Time/Date: 0845 / 6-12-14
Soil Vapor ID: 5CSV-DG-511	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 0905 / 6-12-14	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 7.0-8.0, 13.0-14.0	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Mound of fill in bet. drainage	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), dark yellowish brown (10YR 4/4), loose, moist, fine sand, non-plastic silt, trace medium sand, fill, gravel debris (qtz)	-	-	TR	60	40/
						1							
						2	CL	Silty Clay (CL), dark yellowish brown (10YR 4/4), med. stiff to soft, slightly moist, low to med. plasticity clay, no stains or odors, possibly native soil	-	-	-	-	20/80
						3							
						4							
						5							
						6							
						7		@7' color changes to yellowish brown (~~10~~ 10YR 5/4)					
						8							
						9	SM	Silty Sand (SM), yellowish brown (10YR 5/4), loose, dry, fine sand, ~~slow~~ plastic silt, no odors, light iron staining (brownish yellow 10YR 6/8), native	-	-	-	65	35/

V.V.

Boring ID: SCSV-DG-511 Project: Phase 3 DOE SVDG Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10							
						11							
						12							
						13	SP-SM	(v.v.) Graded Poorly ~~Graded~~ Sand w/ silt (SP-SM) light yellowish brown (10YR 6/4), loose, dry, fine sand, silt, no odors	–	–	–	90	10/
						14	Br	stains, native soil					
						15							
						16		Sandstone, weathered					
						17							
						18		TD=14.0, refusal on bedrock, install vapor probes at 7.0-8.0 and 13.0-14.0. No soil samples collected.					
						19							
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

7-8, 13-14

MWH.

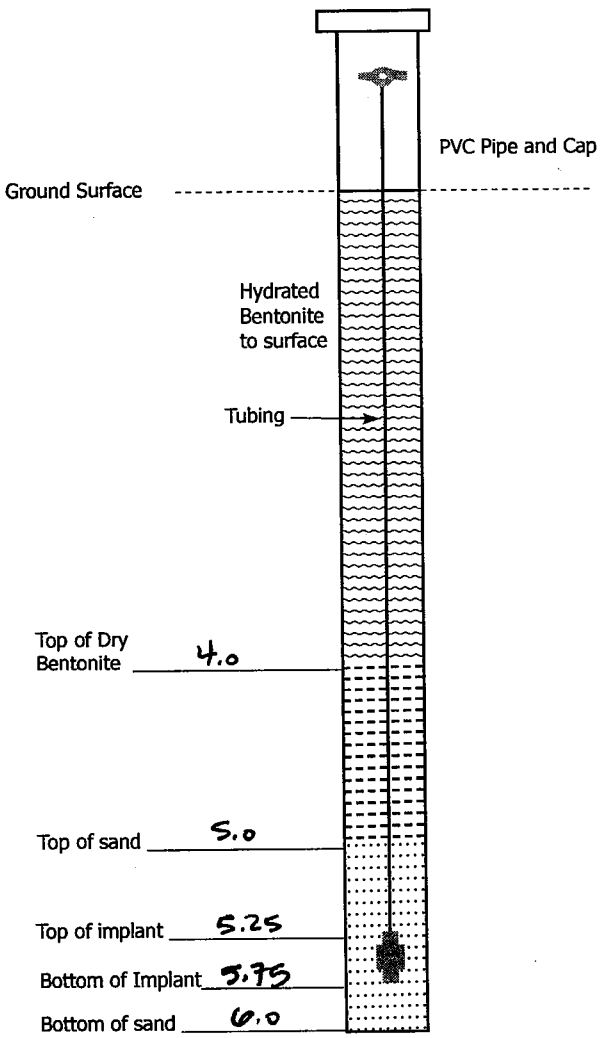
Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SCSV - DG - ~~515~~ 513 (RP)
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 2014

Site: SA SC
Reviewed by:
Logged by: ANDREW PAYNE

Drilling Contractor: EST
Rig Type/Method: HANDAUGER / GRAB
Driller: NIJOJN KILLIVLGN

Borehole TD: 6'
Probe Completion Date/Time: 6/11/14 1330
Borehole Diameter: 3.25"



Vapor Implant Specs

Material: STAINLESS STEEL
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: TEFLON
Diameter: 1/4"
Color: CLEAR

Sand Pack Specs

Grain Size: #3
Manufacturer: CEMEX

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

Type: #8
Manufacturer: CETCO

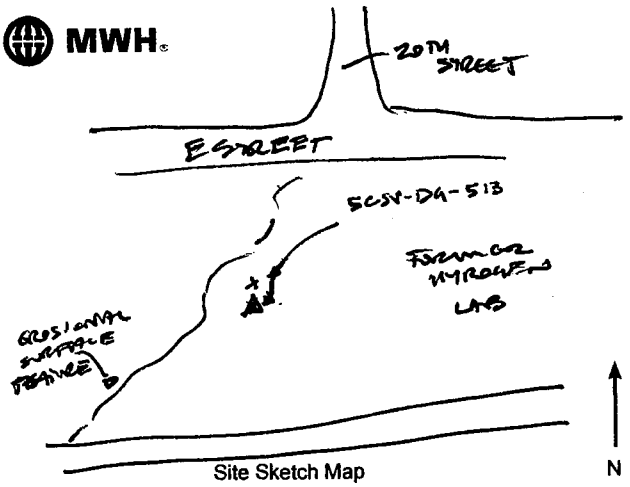
~~SC-SV~~ (RP)

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SCSV-DG-513	Sheet 1 of 1
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 5C
Logged By: ANDREW OSTRE	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTIN KILHULLEN
Drill Rig Type/Method: HANDAUGER	
Sampler Type: HANDAUGER / GRAB	
Borehole Diam (inch): 3.25"	Total Depth (ft.bgs): 6'
Drill Bit Type: HANDAUGER BUCKET	
Drill Start Time/Date: 1253 6/11/14	Drill Finish Time/Date: 1320 6/11/14
Soil Vapor ID: SCSV-DG-513	Soil Boring Backfill Time/Date: N/A
Soil Vapor Well Completion Time/Date: 6/11/14 1330	Backfill Material: N/A
Soil Vapor Probe Depths (ft.bgs): 5.0 - 6.0'	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Well Detail Completed (yes/no)	Surface Completion: SOIL VAPOR PROBE
	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: GRASSES, BRAMBLES MUSTARD

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		SM/SILTY SAND, DRY, BROWN (10YR 4/3), LOOSE, FINE TO MED SAND, SUBANGULAR TO SUBROUNDED, TRACE COARSE SAND, TRACE CLAY PIPE PIECES. FILL.	—	5	15	60	20
0.0						1							
						2		LOOSE TO MED DENSE @ 2.5 TO 4.75' BGS					
0.0						3							
						4							
0.0						5	SP-SM	SAND W/ SILT (SP-SM), DRY, LOOSE. PALE BROWN (10YR 6/3) TO BROWN (10YR 5/3), FINE TO MEDIUM SAND, ANGULAR TO SUBROUNDED. TRACE COARSE SAND	—	5	25	55	15
						6	SS	TD = 6'; REFUSAL ON WEATHERED SS BEDROCK, WEAK, FRIABLE. SGT VAPOR PROBE @ 5-6' @ 1330 - 1ST HOLE REFUSAL @ 6" - 2ND HOLE REFUSAL @ 6' (SW PROBE LO 1' SOUTH					
						7							
						8							
						9							

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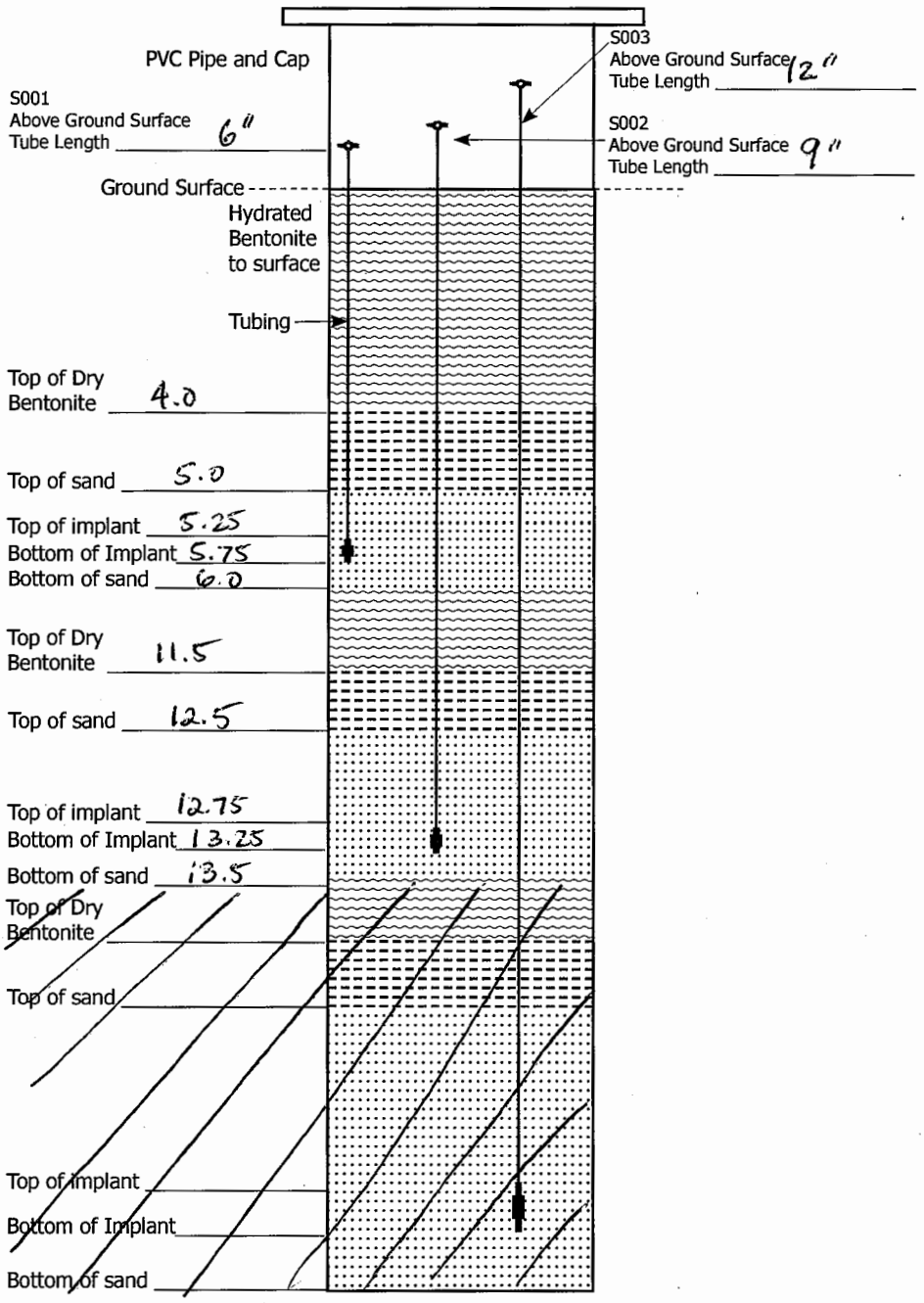
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SCSV-DG-515
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: SA SC
Logged by: Van Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400 / DP
Borehole TD: 13.5
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1030 / 6-2-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

Type: #8
Manufacturer: Cetco

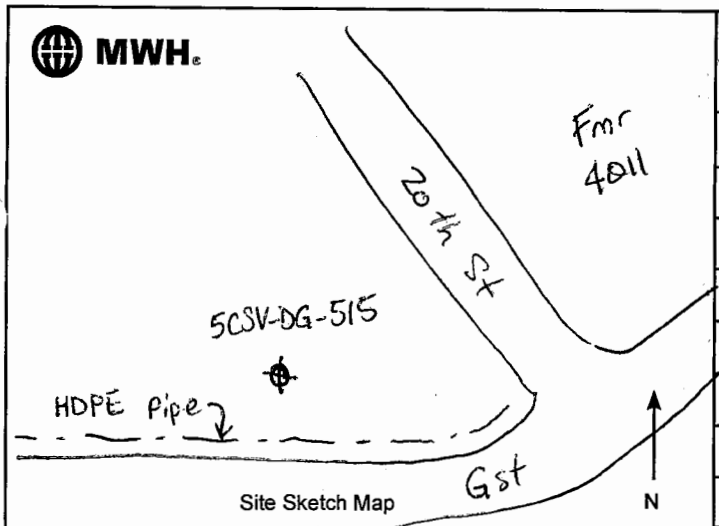
Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

515

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-~~561~~	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site:		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 13.5		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0942 / 6-2-14	Drill Finish Time/Date: 1007 / 6-2-14		
Soil Vapor ID: 5CSV-DG-515	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1030 / 6-2-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 12.5-13.5	Surface Completion: Soil Vapor Probes		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Soil and weeds, graded					
		48"	NONE			0	SM	Silty Sand (SM), yellowish brown (10YR 5/6), loose, dry, medium to fine sand, non-plastic silt, fill, no odors or stains	–	–	20	50	30/
						1							
						2							
						3		@ 3' color changes to dark yellowish brn (10YR 4/6)					
						4							
						5							
53.6		43"	NONE			6		Silty Sand w/ clay (SM), yellowish brown (10YR 5/4), med. dense, fine sand, low plasticity fines, light gray (10YR 7/2) weathering and yellow staining (10YR 7/8), fill	–	–	–	65	30/5
						7							
						8	SP-SM	Poorly Graded Sand w/ silt (SP-SM), yellowish brown (10YR 5/6), loose, dry, fine to med. sand, fill, no stains or odors, {non-plastic silt}			10	80	10/
0.0			NONE			9							

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Boring ID: 5CSV-DG-515 Project: Phase 3 DOE SV DG 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X	NONE				0		~~Silt~~ Silt + Clay increases, med. stiff. (v.v.)	–	–	5	80	10/5
	X					1	SP	~~Silt~~ Poorly Graded Sand (SP), yellowish brown (10YR 5/4), loose, dry, fine sand, trace silt, brownish yellow (10YR 6/6) stains (oxidation), native soil.	–	–	-	100	TR
0.0	X	NONE				2							
	X					3							
						4	Br	Sandstone, weathered					
						5							
						6		TD=13.5, refusal on bedrock. Install vapor probes at 5.0-6.0 & 12.5-13.5. PID ~~read~~ ~~at~~ @ 53.6 ppm @ 5' bgs.					
						7							
						8							
						9							
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

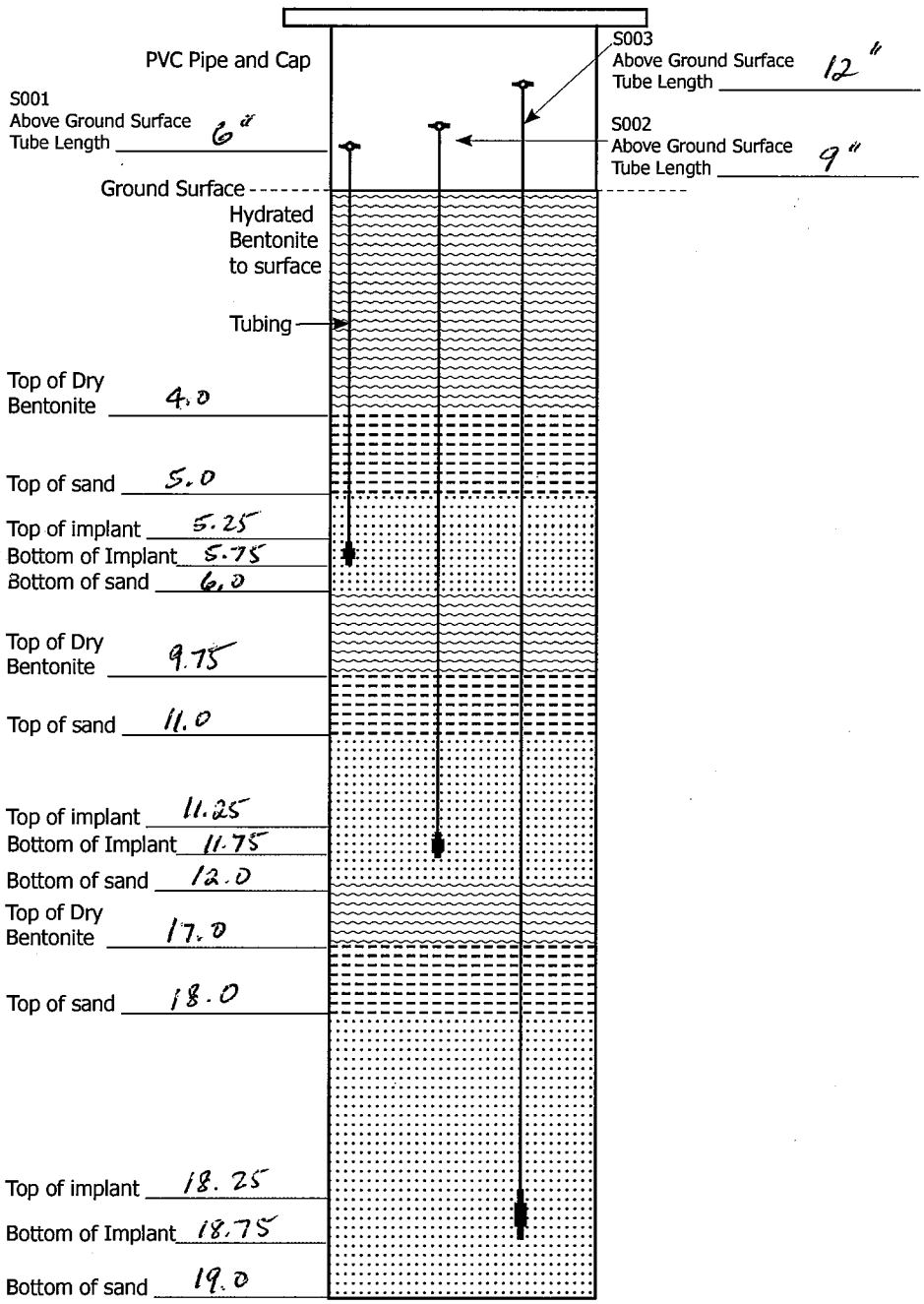
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-516
Site: 5C
Drilling Contractor: EST
Borehole TD: 19.0

Project: Phase 3 DOE SV DG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 0935 / 5-30-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

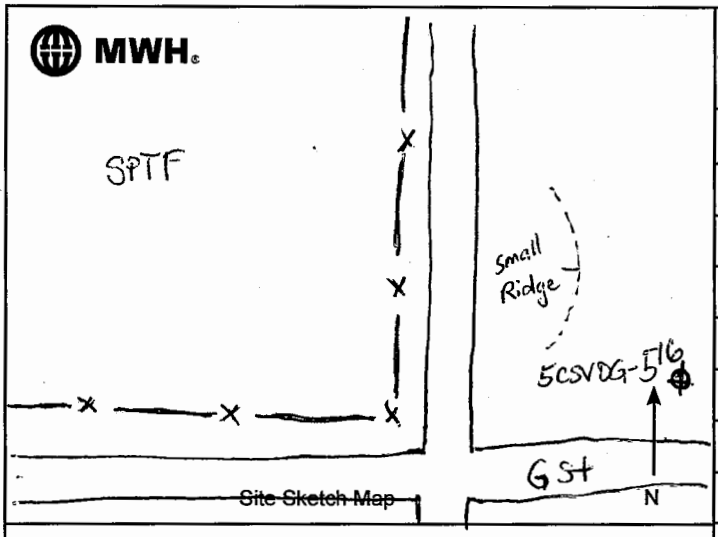
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-516	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 19.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0750 / 5-30-14	Drill Finish Time/Date: 0905 / 5-30-14		
Soil Vapor ID: 5CSV-DG-516	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 0935 / 5-30-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 11.0-12.0, 18.0-19.0	Surface Completion: Soil Vapor probes		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Surface Description: Graded area w/ road base					
								Silty Sand (SM), dark yellowish brown (10YR 4/4), loose, dry, fine sand, silt, fine angular gravel, non-cemented, grass roots, asphalt debris, fill	TR	–	–	65	35/
		46"	NONE			1							
						2		@0.5' grades w/o roots ~~& gravel~~ (V.V.)					
						3		@1.0' increasing fine gravel - Silty Sand w/ Gravel					
						4							
0.0						5		slightly clayey → decomposed feldspars, fill	10	5	10	40	25/10
		36"	NONE			6							
						7							
						8							
		36"	NONE			9							

Cont next page

Boring ID: SCSV-DG-516 Project: Phase 3 SV DG Sampling 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Estimated % of Sand: Gravel	Coarse	Medium	Fine	Silt/clay
						10							
							SC	Clayey Sand (SC), yellowish brown (10YR	—	—	—	75	25
		18"				11		5/4), med. dense, fine sand, low plas-	TR	—	—	100	—
0.2			NONE				SM	ticity clay, no odors or stains, possibly fill					
						12	SP	~~Silty Sand (SM)~~ Poorly Graded Sand (SP),					
		30"						brown (10YR 5/3), loose, dry; fine					
						13		sand, trace fine gravel, fill					
			NONE										
						14							
						15							
0.7		12"					SM	Silty Sand (SM), brown (10YR 5/3), loose,	—	—	—	75	25
								dry, fine sand, low-plasticity silt; fill					
						16							
			NONE				VJ		—	—	—	100	—
		0"					SP	Poorly Graded Sand, brownish yellow (10YR					
						17		6/6), loose, dry, fine sand; native soil					
						18							
			NONE										
2.3		12"				19	Br	Sandstone, weathered					
						20							
						1		TD = 19.0, refusal on bedrock,					
								install vapor probes at 5.0-6.0, 11-12,					
						2		18.0-19.0					
						3							
						4							
						5							
						6							
						7							
						8							
						9							

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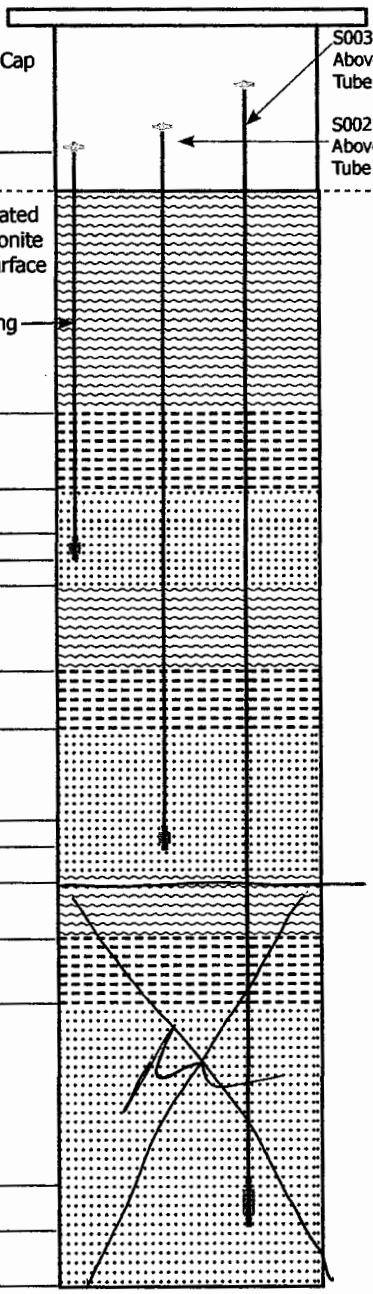
5-6, 11-12, 18-19

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SC SV DG1-518
Project: Phase 3 DOE Data Gap Sampling 2014
Job #: 10503982.3050105/10503982.3060105
Site: SC
Logged by: Rob Sellers
Reviewed by:
Drilling Contractor: EST
Driller: EST
Rig Type/Method: Geoprobe 5400
Borehole TD: 11.5'
Borehole Diameter: 2.25"
Probe Completion Date/Time: 02 JUN 14/1100



PVC Pipe and Cap

S001 Above Ground Surface Tube Length: 0.5'

S002 Above Ground Surface Tube Length: 0.75'

S003 Above Ground Surface Tube Length: N/A

Ground Surface

Hydrated Bentonite to surface

Tubing

Top of Dry Bentonite: 4.0

Top of sand: 5.0

Top of implant: 5.25

Bottom of Implant: 5.75

Bottom of sand: 6.0

Top of Dry Bentonite: 9.5

Top of sand: 10.5

Top of implant: 10.75

Bottom of Implant: 11.25

Bottom of sand: 11.5

Top of Dry Bentonite: —

Top of sand: —

Top of implant: —

Bottom of Implant: —

Bottom of sand: —

Vapor Implant Specs

Material: stainless steel

Length: 6"

Diameter: 3/8"

Tubing Specs

Material: teflon

Diameter: 1/4"

Color: clear

Sand Pack Specs

Grain Size: #3

Manufacturer: Cemex

Dry Bentonite

Type: #8 crumbles

Manufacturer: Cetco

Hydrated Bentonite

Type: #8 crumbles

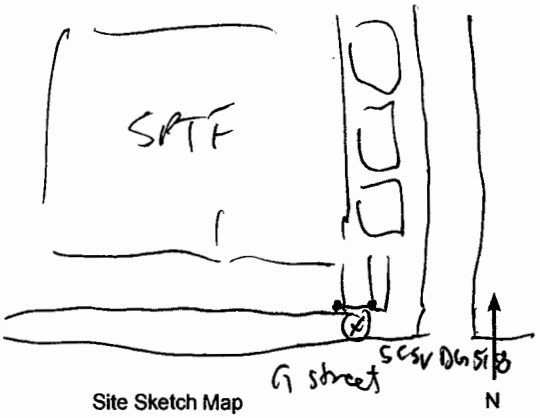
Manufacturer: Cetco.

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: SCSV DG-518	Sheet 1 of 2
Project: Phase 3 DOE SVDG 2014	
Job #: 10503982.3050106	Site: SC
Logged By: RWB ELLIS	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTY KILLINGER
Drill Rig Type/Method: GEOPROBE 5400	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25"	Total Depth (ft bgs): 11.5'
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 02JUN14, 09:35	Drill Finish Time/Date: 02JUN14, 10:45
Soil Vapor ID: SCSV DG-518	Soil Boring Backfill Time/Date: N/A — Backfill Material: NA
Soil Vapor Well Completion Time/Date: 02JUN14 / 11:00	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0', 10.5-11.5'	Surface Completion: SOIL VAPOR PROBE
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: ASPHALT	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		48"				0		4" asphalt					
						1	SP	0.4 - 0.8 graded		45			
								Poorly graded sand (SP) very	–	15	45	35	5
						2	CH	dark grey (10YR 3/1) mixed,					
								transition to light brown grey					
						3		(10YR 6/2), predominant medium					
								sand (45), some fine sand (35)					
						4		little coarse sand (15), few silt					
		48						(5), loose, dry, no stain,					
						5	SP	no odor, fill.					
								0.8 - 4.5	–	–	–	20	80
			☒				CL						
		SVL-518	SASC-518	5.5-6.0		6		Clay (CH), very dark brown					
		@ 10:40						(10YR 2/2), hard, very dense,					
0.0		10 min/ 18 gpm				7		very high dry strength, slow					
								dilatency, high toughness,					
						8		no stain, no odor, fill					
		36"						4.5-5.0					
						9		Transition lens of poorly					
								graded sand (SP), gray (10YR 6/1)	–	30	50	25	5
								30 Moderate medium sand (50)					

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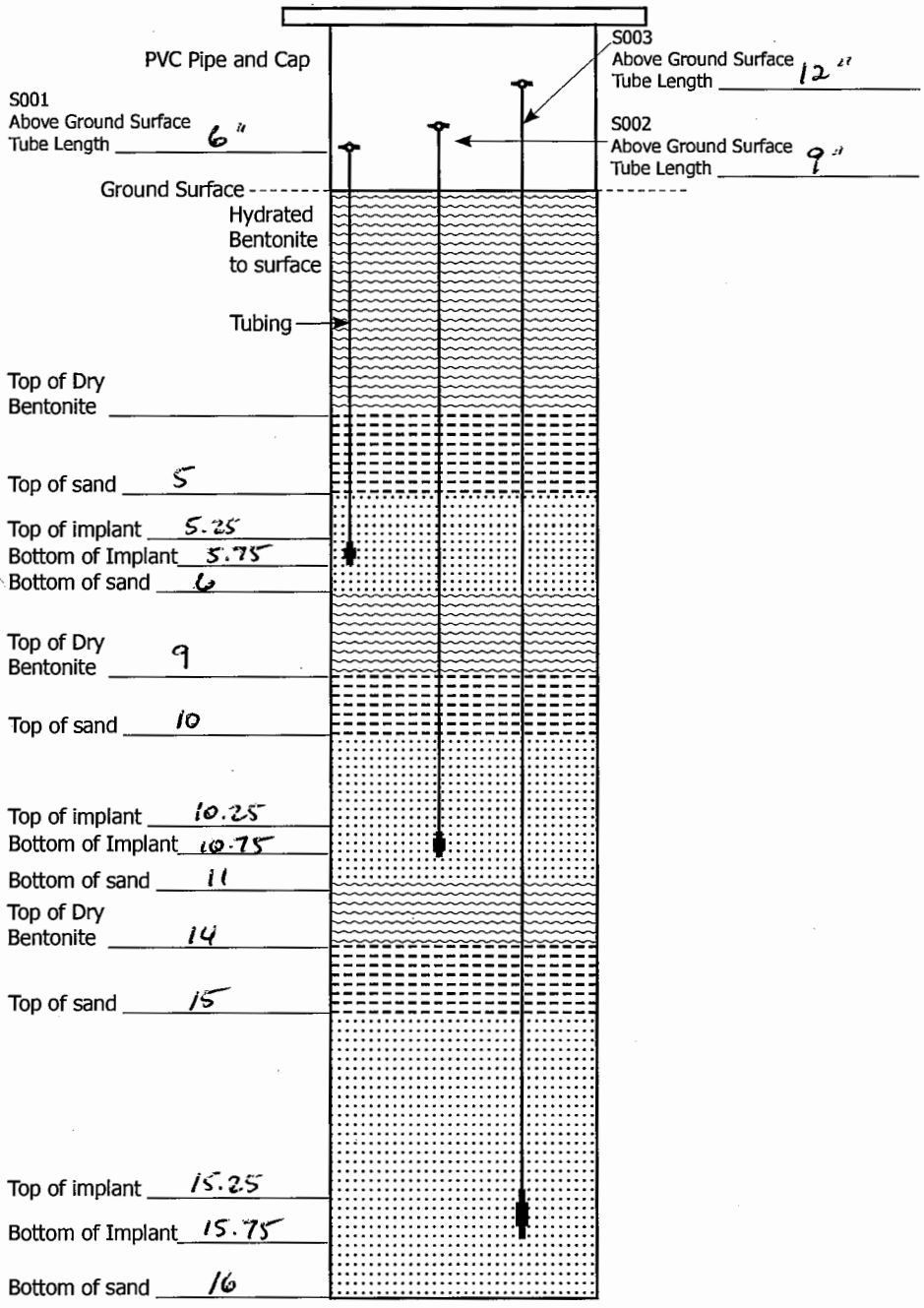
Boring ID: SCSV D6-5'8 Project: Phase 3 DOE SVD6 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10	CC	Some coarse sand (30), little fine sand (25) and few silt (5)					
						11	SM	No stain, no odor, fill.					
	SVL-5'8-SASC-SB-11.0-11.5				TD			5.0-11.0					
	@ 10:45					2		Clay (CL) yellowish brown (10YR 5/4) rapid dilatancy, medium dry strength medium tough, no stain, no odor, fill.	-	-	-	35	65
0.0	Nylon, 31 gpm					3							
						4		11.0-11.5					
						5		Silty sand (SM) yellowish brown (10YR 5/6), loose, moist. Predominant medium sand (40%), some fine sand (30), little silt (25), few coarse (5) No stain, no odor native	-	5	40	30	25
						6							
						7							
						8		T.D. @ 11.5' bgs					
						9		refusal on sandstone bedrock					
						0		Samples taken @					
								10:40 5.5' SVL-SIB-SASC-SB-5.5					
						1		10:45 11.0' SVL-SIB-SASC-SB-11.0					
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-525
Project: DOE Phase 3 SV DG
Job #: 10509382 (V.V.)
Site: 5C
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400 / DP
Borehole TD: 21.0
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1245 / 5-30-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: # 3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

Type: # 3
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

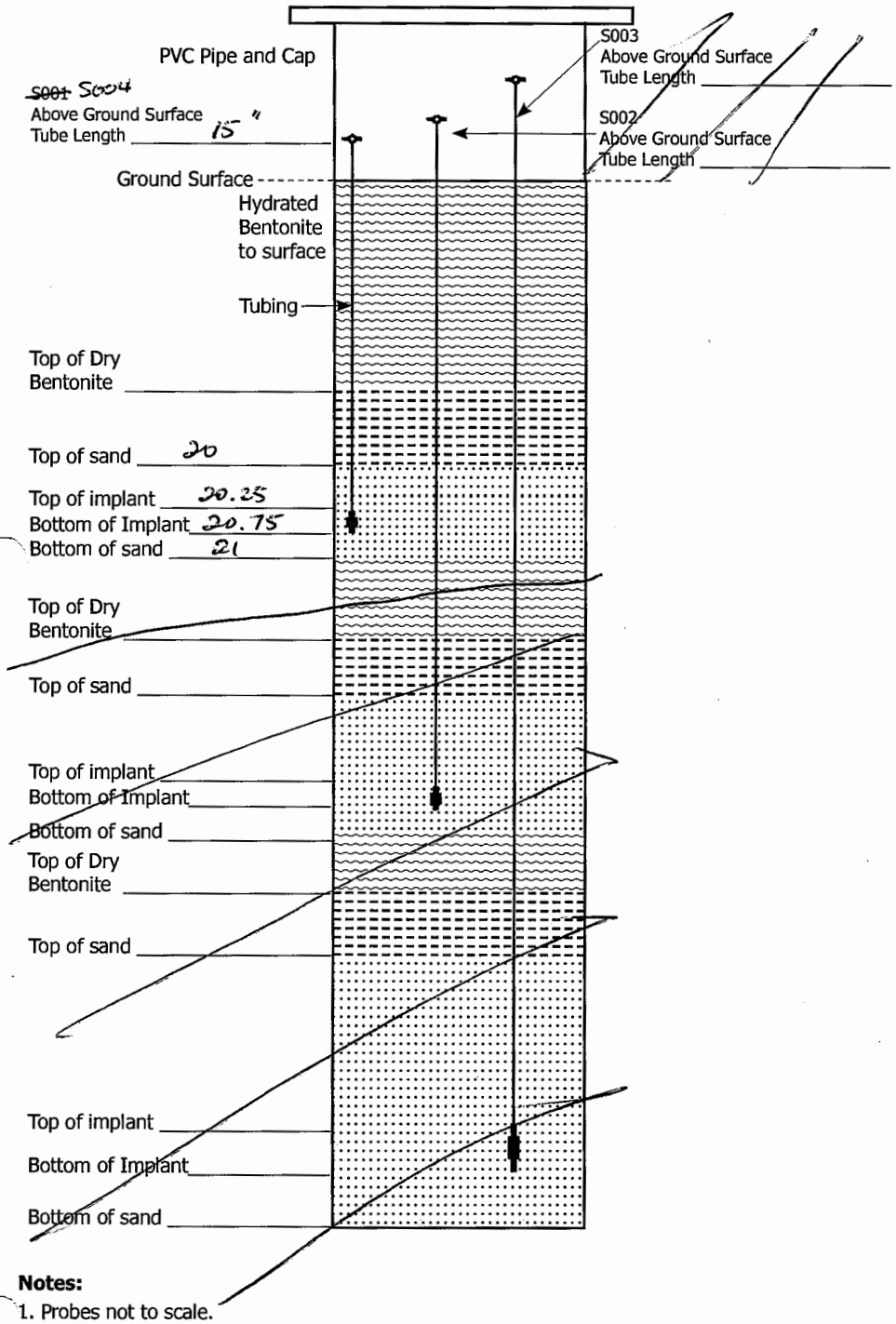
MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-525
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: 5C
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 21.0
Borehole Diameter: 2.25"
Probe Completion Date/Time: 12:15/5-20-14

Continued from P. 1 of 2.

Deepest probe



Vapor Implant Specs

Material:

Length:

Diameter:

Tubing Specs

Material:

Diameter:

Color:

Sand Pack Specs

Grain Size:

Manufacturer:

Dry Bentonite

Type:

Manufacturer:

Hydrated Bentonite

Type:

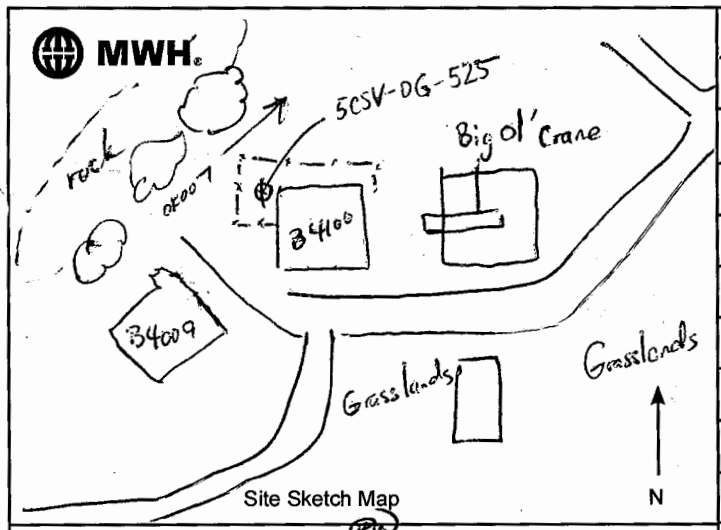
Manufacturer:

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-525	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 21.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1025 / 5-20-14	Drill Finish Time/Date: 11:30 / 5-20-14
Soil Vapor ID: 5CSV-~~525~~ DG-525 (V.V.)	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 12:15 / 5-20-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 10.0-11.0, 15.0-16.0, 20.0-21.0	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☒ None (V.V.)

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		Surface Description: Concrete					
								7" Concrete					
						1	SW-SM	Well Graded Sand w/ Silt (SW-SM), brownish yellow (10YR 6/6), med. dense, moist, fine to coarse sand, weathered mica, low plasticity silt, no odors or stains, fill	–	10	30	50	10/
		48"				2	ML		–	–	–	15	85/
						3		@ 1' Silt w/ Sand (ML), brown (10YR 5/3), med. stiff, moist, low plasticity silt, fine sand, fill					
Adjust intervals down 7"						4	CL	@ 2' color changes to dark brown (10YR 3/3).	–	–	–	–	/100
					11:44	5	ML	@ 4'-4.25' Clay (CL), very dark brown (10YR 2/2), med. stiff, moist, med- to high plasticity clay, native soil					
		48"	X			6							
				SVL-525-SA5C-SB-5.0-6.0		7		@ 4.25 Silt w/ Sand (~~SM~~ ML), very dark grayish brown (10YR 3/2), med. stiff, dry, low plasticity silt, fine sand, native.	–	–	–	–	/100
						8	CL						
						9							
		48"						Fat Clay (CL), very dark gray (10YR 3/1), med. stiff, moist, medium plasticity clay.					

cont next page

Boring ID: SCSV-DG-525 Project: Phase 3 DOE SV DG 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		48"			11:49	10		@ 10' Color changes to brown (10 YR 5/3)	-				
				SVL-525-SASC-SB	10.0-11.0	11							
						12							
		24"				13	SC	Sandy Clay (SC), yellowish brown (10YR 5/4), stiff, moist, med. plasticy clay, fine sand	-	-	-	20	80
						14							
		24"				15	SC	Grades to clayey sand (SC) →	-	-	-	60	40
					11:54	16							
		SVL-525-SASC-SB			15.0-16.0	17	SM	Silty Sand (SM), yellowish brown (10YR 5/8), med. dense, dry, fine sand, non-plastic silt, no odors, no stains.	-	-	-	60	40
		45"				18	SP	Poorly Graded Sand (SP), brownish yellow (10YR 6/6), w/ mottled light gray (10YR 7/2), med. dense, dry, fine sand, friable, native, close to weathered bedrock.	-	-	-	100	-
						19							
						20							
		6"				21	B	@ 21' Sandstone, weathered.					
						22		TD = 21.0' from ~~grad~~ ground surface (i.e. top of concrete) Refusal on bedrock. Install vapor probes at 5.0-6.0, 10.0-11.0, 15.0-16.0, 20.0-21.0. Collect encores and place on hold at 5.0-6.0, 10.0-11.0, and 15.0-16.0 due to possible low-flow conditions.					
						23							
						24							
						25							
						26							
						27							
						28							
						29							

1149
1149
~~1150~~
1150

MWH.

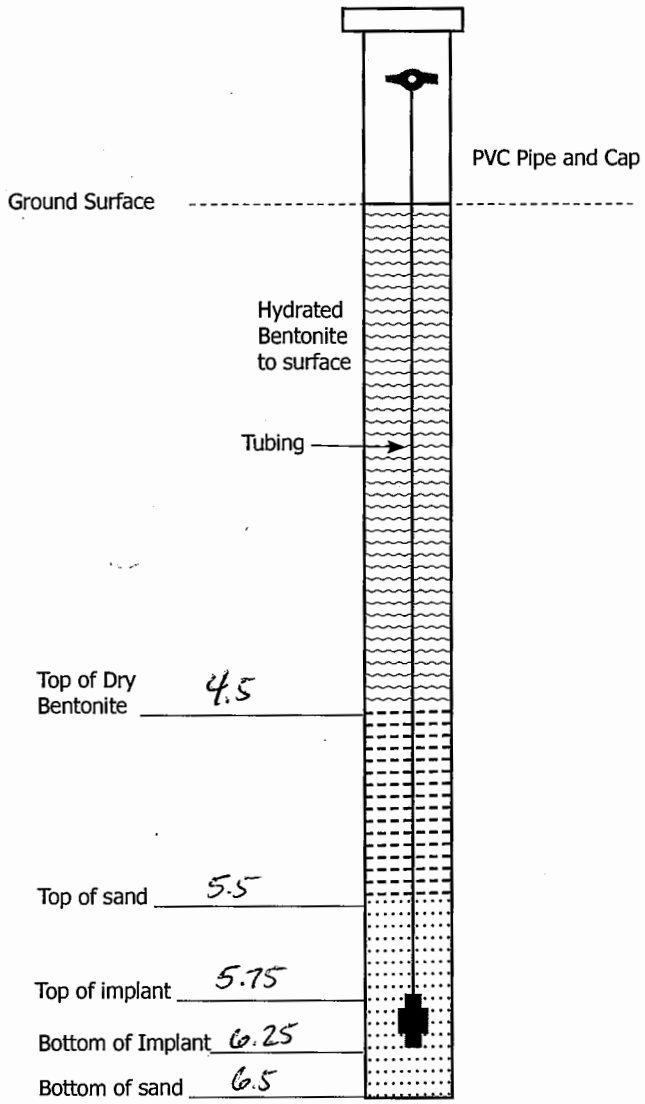
Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-528
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20

Site: SA 5C
Reviewed by:
Logged by: V. Vathanasin

Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400 / DP
Driller: Morgan Hughes.

Borehole TD: 6.5
Probe Completion Date/Time: 1334 / 5-28-14
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: (V.V.) ~~Cetco~~ Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

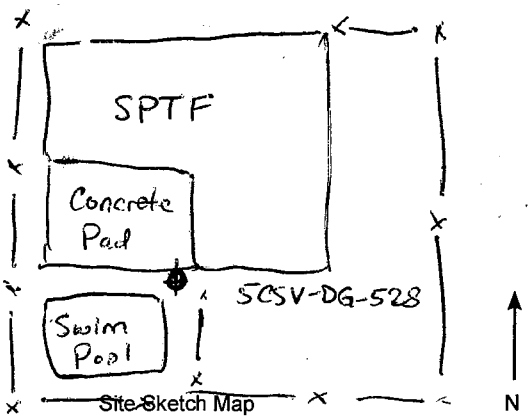
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

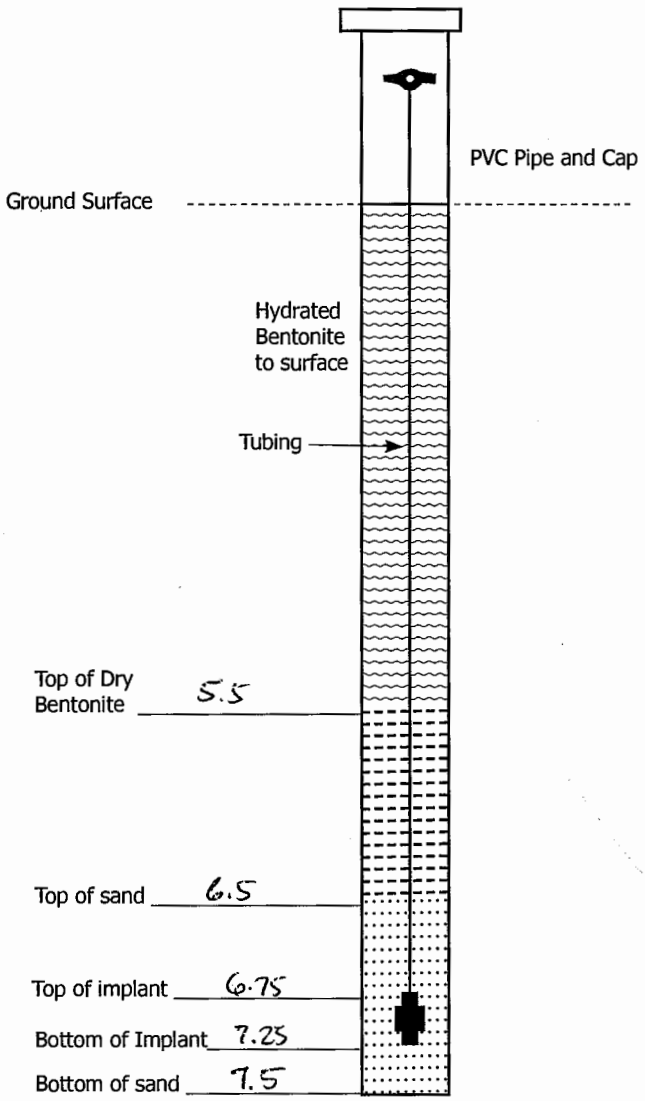
Boring ID: 5CSV-DG-528	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 6.5		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1300 / 5-28-14	Drill Finish Time/Date: 1309 / 5-28-14		
Soil Vapor ID: 5CSV-DG-528	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1334 / 5-28-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 5.5-6.5	Surface Completion: Install vapor probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		Surface Description: Asphalt					
								3" Asphalt	50	10	15	20	5/
						1	GW ~~SW~~	Sandy Gravel (GW), brown (10YR 4/3) with pale brown (10YR 6/3) gravel, loose, dry, fine gravel, fine to coarse sand, fill, road base, dark stains (very dark brown (10YR 2/2))					
		40"				2	SM		–	–	–	70	30/
									10	–	–	60	30/
						3			–	–	–	65	35/
								@ 1.3' Silty Sand (SM), dark grayish brown (10YR 4/2), med. dense, moist, fine sand, dark yellowish brown (10YR 4/6) oxidation, fill					
						4							
		30"				5		@2' grades with weathered gravel					
						6		@2.5' color changes to yellowish brown (10YR 5/4), no gravel, fill					
						7	Br						
						8		@6.5 Strong oxidation and highly weathered					
						9		Sandstone, weathered					
								TD = 6.5, refusal on bedrock, install probe at 5.5-6.5					

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-530
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: 5C
Reviewed by:
Logged by: V. Vatharasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 7.5
Probe Completion Date/Time: 1504/5-20-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

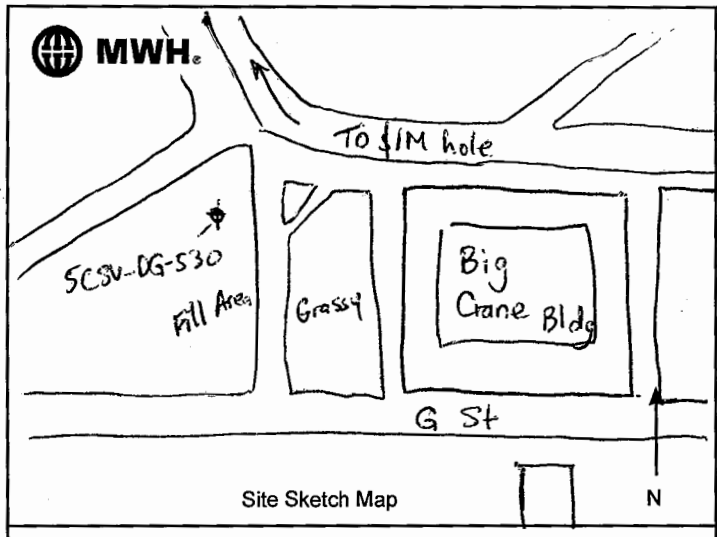
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.

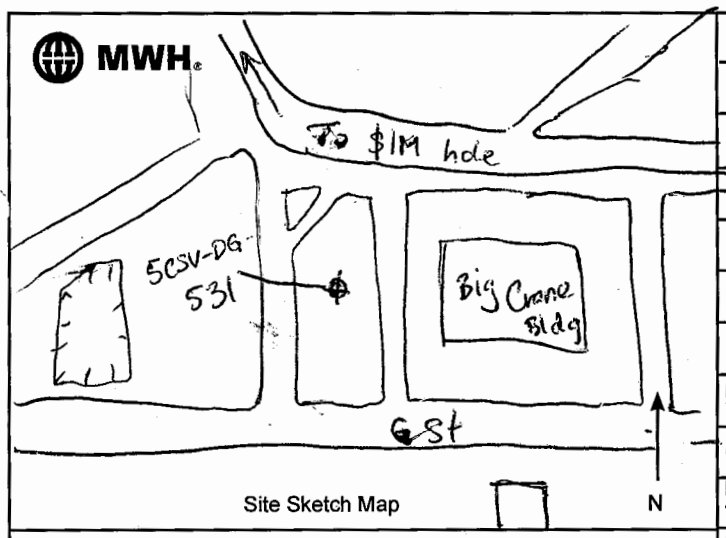


Site Sketch Map

Boring ID: SCSV-DG-530	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 5C
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 7.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1430 / 5-20-14	Drill Finish Time/Date: 1445 / 5-20-14
Soil Vapor ID: SCSV-DG-530	Soil Boring Backfill Time/Date: N/A Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1504 / 5-20-2014	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 6.5'-7.5'	Surface Completion: Soil Vapor Probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Gentle Slope, gravel, grass	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), yellowish brown (10YR 5/4), loose, dry, fine sand, non-plastic silt, non-cemented, no odors or stains, fill	–	–	–	60	40
		42"	NONE			1		@1' asphalt staining, very dark gray (10YR 3/1).					
						2	ML	@2' staining disappears. Silt w/ Sand (ML), light yellowish brown (10YR 6/4), med. stiff, dry, non-plastic silt, fine sand, fill, layer apperance -	–	–	–	10	~~90~~ V.B
						3							
						4							
						5							
		36"	NONE			6	SP	~~SP~~ V.B Poorly Graded Sand (SP), very pale brown (10YR 7/4), loose, dry, fine sand, fill.	–	–	–	100	–
						7		color changes to brownish yellow (10YR 6/6), native.					
						8		@ 7.5 Sandstone.					
						9		TD = 7.5', refusal on bedrock, install vapor probe 6.5'-7.5' bgs.					

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-531	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 2.9
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1340 / 5-30-14	Drill Finish Time/Date: 1401 / 5-30-14
Soil Boring Backfill Time/Date: ~~30~~ (V.V.)	Backfill Material: Soil cuttings.
Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None	
Surface Completion: Soil vapor probe	
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None	

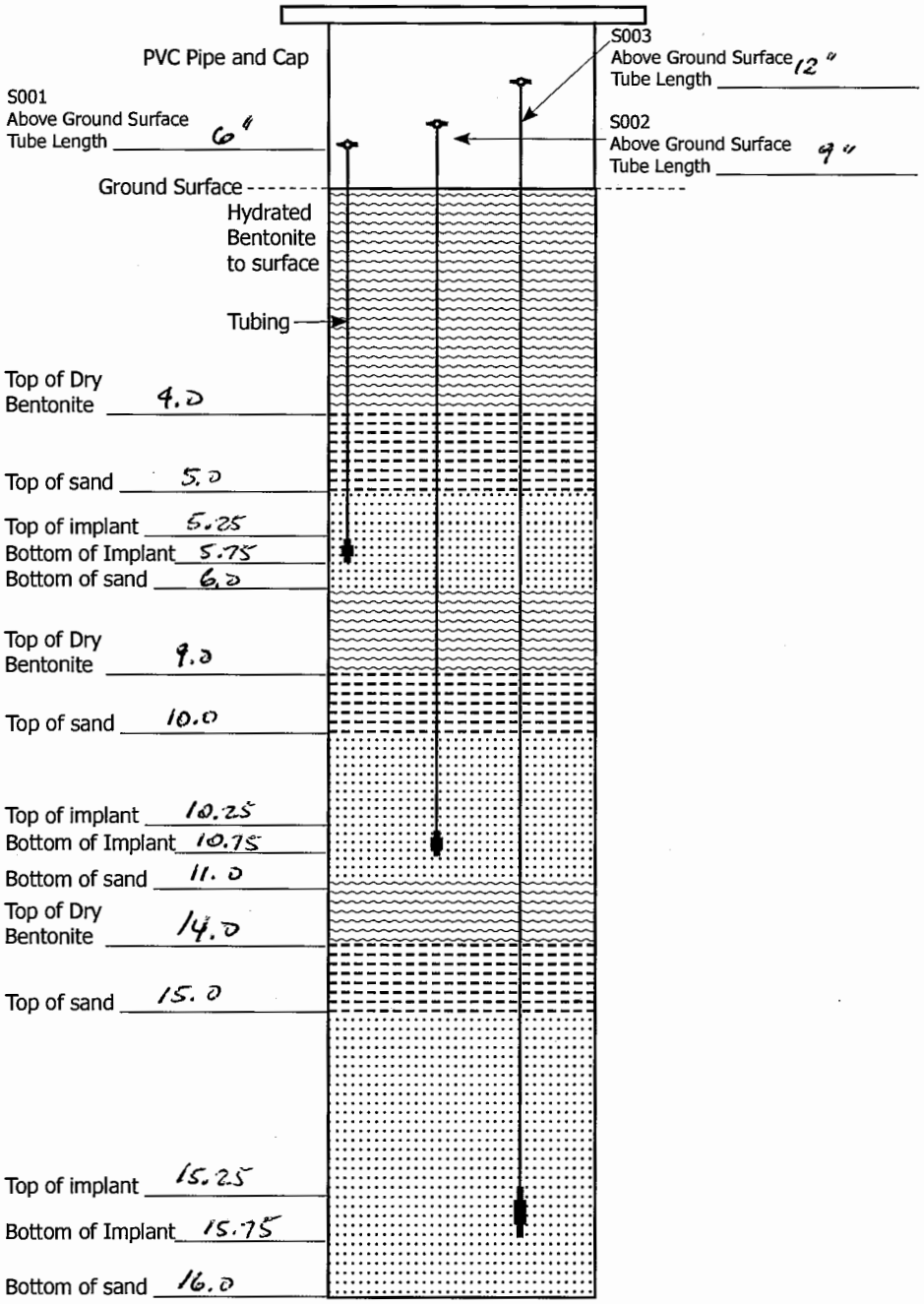
Soil Vapor ID:	N/A
Soil Vapor Well Completion Time/Date:	N/A
Soil Vapor Probe Depths (ft.bgs):	N/A
Soil Vapor Well Detail Completed (yes/no)	

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X					0	SM	Surface Description: Grass. Silty Sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine sand, silt, roots.	–	–	–	60	40
	X	30"				1							
0.0	X		X		1405	2		grades with slightly coarser ~~fragm~~ grains (still fine sand)	–	–	–	70	30
SVL-531-SA5C-SB-2.5-2.9						3	Br	~~Sandstone~~ Shale, weathered. (V.V.)					
						4		TD = 2.9 ft bgs., refusal on bedrock. Collect encored at 2.5-2.9 ft for voc analyses. Stepped out twice to confirm refusal w/ similar results.					
						5							
						6							
						7							
						8							
						9							

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SCSV-DG-535
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: SA 5C
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 16.0
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1145/5-28-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

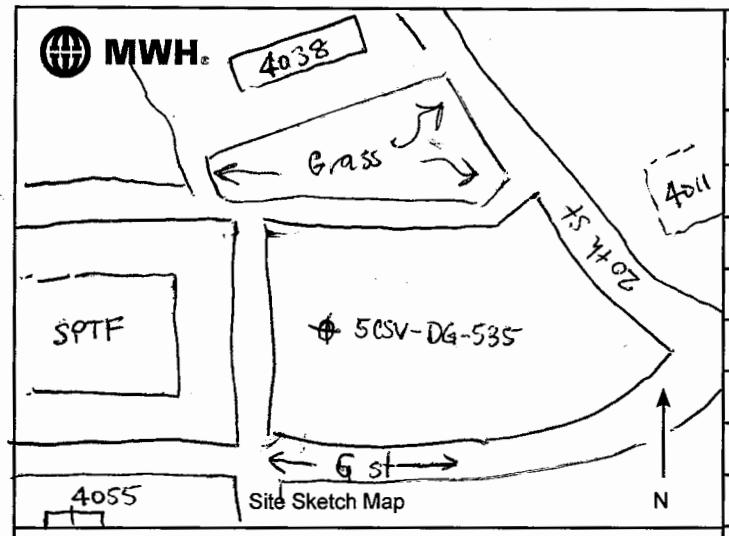
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-535	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C		
Logged By: V. Vathanaom	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 16.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1035/5-28-14	Drill Finish Time/Date: 1120/5-28-14		
Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A		
Soil Vapor ID: 5CSV-DG-535	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Well Completion Time/Date: 1145 / 5-28-14			
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 10.0-11.0, 15.0-16.0	Surface Completion: Soil vapor probes		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Dry grass, E of SPTF	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), brown (10YR 4/3), med. dense, dry, fine sand, non-plastic silt, no stains or odors, well compacted, non-cemented, fill	-	-	-	55	45/
		48"	NONE			1			-	-	-	55	35/10
						2		@1.5' grades w/ pale yellow (2.5Y 8/4) weathered sand nodules, ~~very~~ low to med plasticity clay, fill					
0.0			NONE			3							
						4							
		24"				5		@5'-3.5' grades to very dense. @5.0 grades w/o clay, color changes to brownish yellow (10YR 6/6), fill	-	-	-	60	40/
			NONE			6							
		24"				7							
0.0						8							
		24"	NONE			9							

QA/QC
Sur icial media boring log rev 2-25-2014

Boring ID: 50SV-DG-535 Project: Phase 3 DOE SV DG Sheet 2 of 2

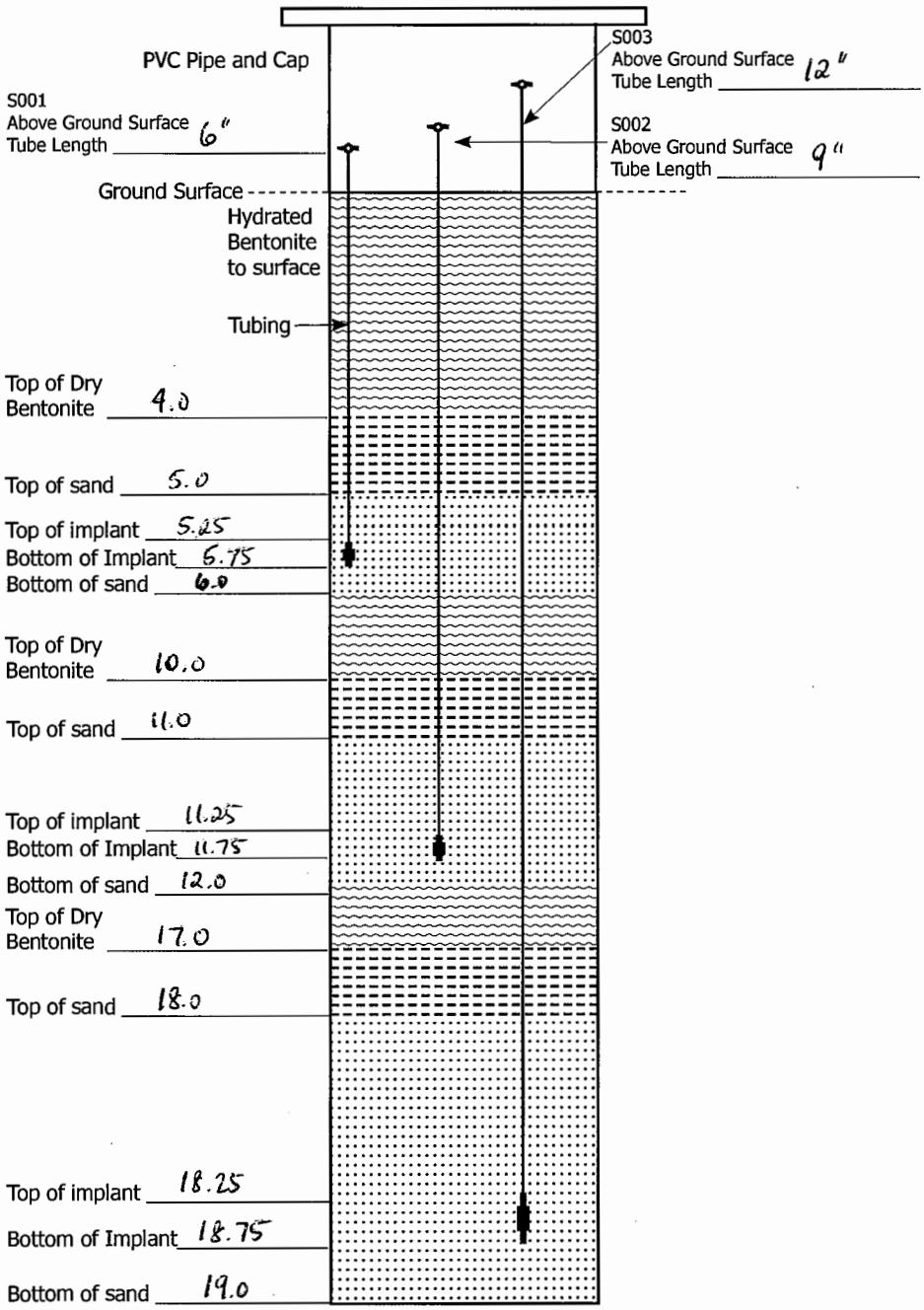
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		24"				10	SM	Same as above - chomogenous fill material.					
1.4						11							
						12							
		36"				13		Grades w/ fine angular gravel and low plasticity clay	10	5	5	35	35/10
			None			14		@14' grades w/o gravel (Silty Sand w/ clay)	—	-	—	50	30/20
1.8		12"				15	SP	Poorly Graded Sand w/ Silt (SP-SM), very pale brown (10YR 7/4), loose, dry fine	-	-	-	90	10/
						16	Br	sand, silt, moderate, brownish yellow (10YR 6/8) oxidation, native soil					
						17							
						18		Sandstone, weathered					
						19		TD = 16.0 ft; refusal on bedrock - installed vapor probes at 5.0-6.0, 10.0-11.0					
						20		and 15.0-16.0					
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

5-6
10-11

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-543
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: SA 5C
Logged by: V. Vathanesin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400 / DP
Borehole TD: 19.0 ft
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1230 / 5-30-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: # 3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

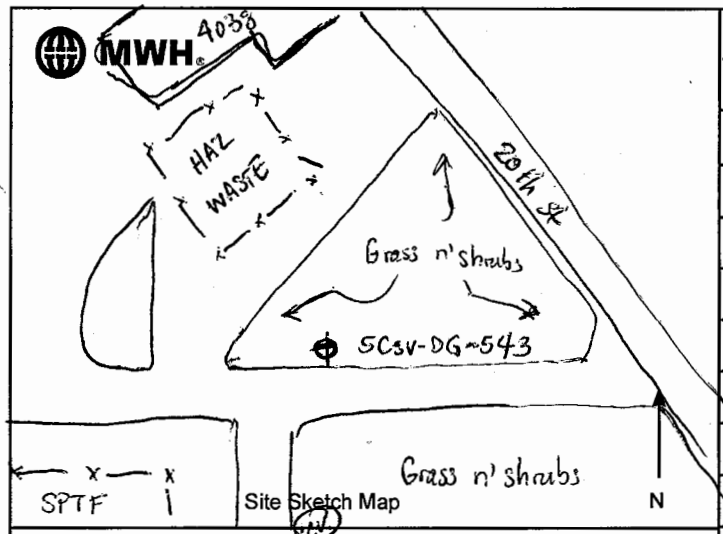
Hydrated Bentonite

Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2



Site Sketch Map

Boring ID: SCSV-DG-543	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 5C		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / OP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 19.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1010 / 5-30-14	Drill Finish Time/Date: 1100 / 5-30-14		
Soil Vapor ID: SCSV-~~DG~~ DG-543	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1230 / 5-30-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 11.0-12.0, 18.0-19.0	Surface Completion: Soil Vapor probes		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

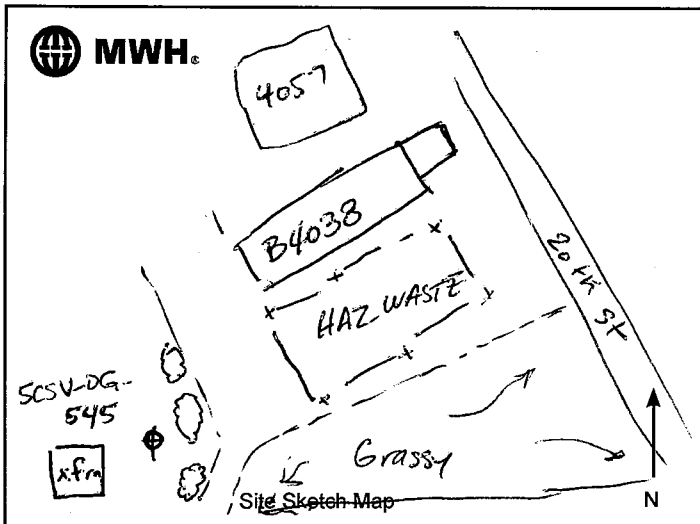
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Surface Description: Graded backfill					
								Silty Sand (SM), dark yellowish brown (10YR 4/6), loose, dry, fine sand, non plastic silt, no odors or stains, fill.	—	—	—	60	40/
						1							
								@1.4' becomes slightly stratified with very pale brown (10YR 8/3) nodules (weathered sand?).					
		46"				2							
						3							
						4							
						5							
0.0		48"				6							
						7		grades to medium dense, less silt content faint oxidation (brownish yellow (10YR 6/6)), no longer stratified.	—	—	—	70	30/
						8							
						9							

Boring ID: 5CSV-DG-543 Project: Phase 3 DOE SV DG Sampling 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
V.V. 0						10	SP	Poorly Graded sand (SP), light yellowish brown (10YR 6/4), loose, dry, fine sand, no odors	–	–	–	100	–
0.0						11	V.V.	~~no stains~~, yellowish brown (10YR 5/6) oxidation, fill					
		36"				12	SW SM	11.75 - 12.1 = well Graded Sand (SW) medium to fine sand,					
						13		@13' very dark grayish brown (10YR 3/2) staining, ~~light yellowish brown~~ (V.V.) Silty Sand (SM)	–	–	30	45	25
		30"				14		dark yellowish brown (10YR 4/6), ~~loose~~ med. dense, dry,	V.V.				
						15	SP	fine sand, non-plastic silt, few dark stains, no odors,	–	–	–	100	–
									–	–	–	80	20
						16	SM	@14.5' - 15.1 Poorly Graded Sand (SP) yellowish brown (10YR 5/6), loose, dry,	–	–	–	100	– V.V.
		30"				17		fine sand, native (?), no stains or odors.					
						18		Silty Sand (SM), yellowish brown (10YR 5/4), loose, slightly moist, fine sand, non-plastic silt, very weak silt cement, native soil					
0.0						19	BS						
						20		@18.5 color changes to yellowish brown (10YR 5/8					
						1		@19 Sandstone, weathered.					
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

5-6 11-12 18-19

MWH.



Site Sketch Map

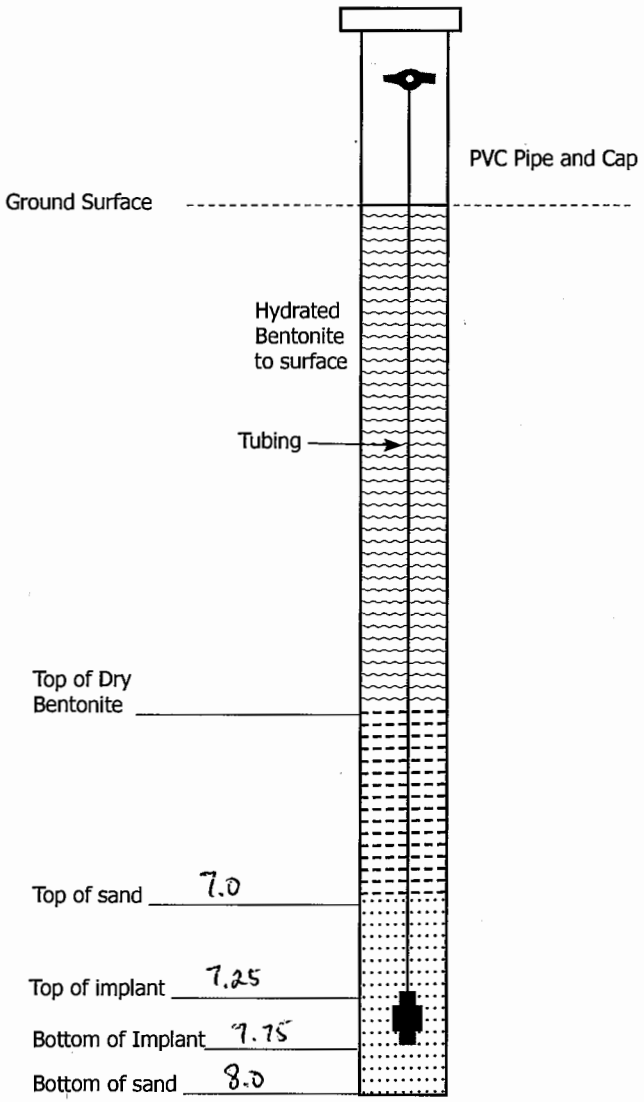
Boring ID: SCSV-DG-545	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SASC
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 3.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1352 / 5-28-14	Drill Finish Time/Date: 1403 / 5-28-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1410 / 5-28-14 Backfill Material: Soil cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		Surface Description: Graded, grass and shrubs					
	X						SM	Silty Sand (SM), light yellowish brown	-	-	-	60	40
0.0						1		(10YR 6/4), med. dense, dry, no stains					
								or odors, fill, roots					
		40"						@ 1.6' color changes to brownish yellow					
						2		(10YR 6/6) - native soil					
								@ 2.9 ft - large root from shrub - root					
						3							
0.0			X		1410			was moist and possibly alive.					
SVL-545-SASC-SB-3.0-3.5							Br	Sandstone, weathered					
						4							
								TD = 3.5 ft; collect encores for VOC					
						5		analyses. No probes installed.					
						6							
						7							
						8							
						9							

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-549
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: 5C
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 8.0
Probe Completion Date/Time: 1335/5-30-14
Borehole Diameter: 2.25



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

Type: #8
Manufacturer: Cetco

Notes:

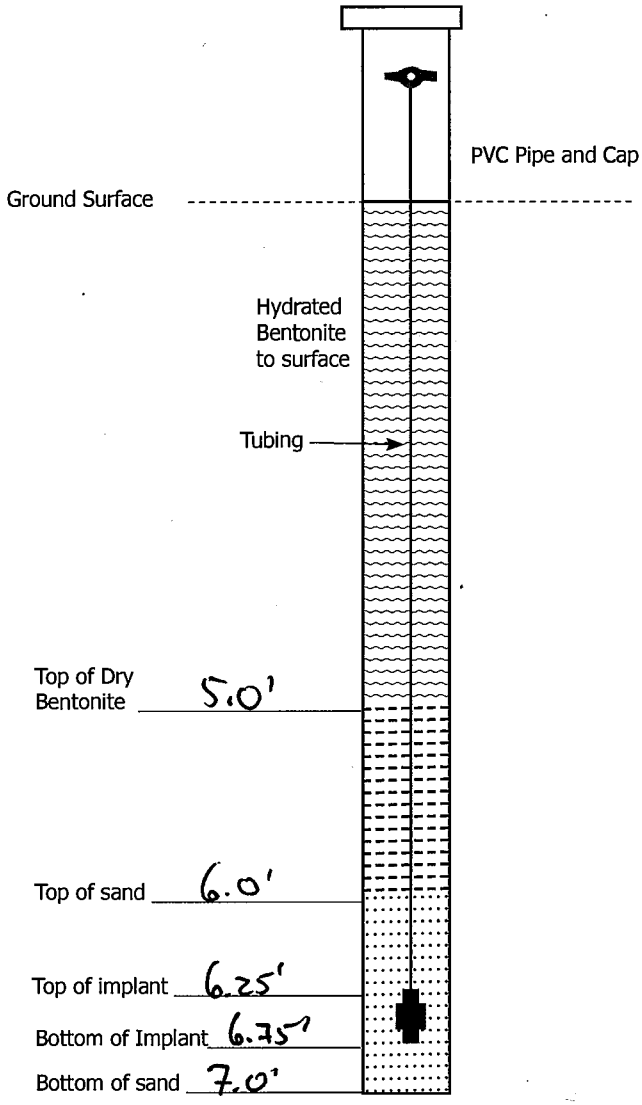
1. Probes not drawn to scale.

FIGURE 4-1

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SC SV_DG-549
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: SC
Reviewed by:
Logged by: Mark Sues
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400
Driller: Morgan Hughes
Borehole TD: 8.85' bgs
Probe Completion Date/Time: 10 JUN 14, 1450
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3 sand
Manufacturer: Comex

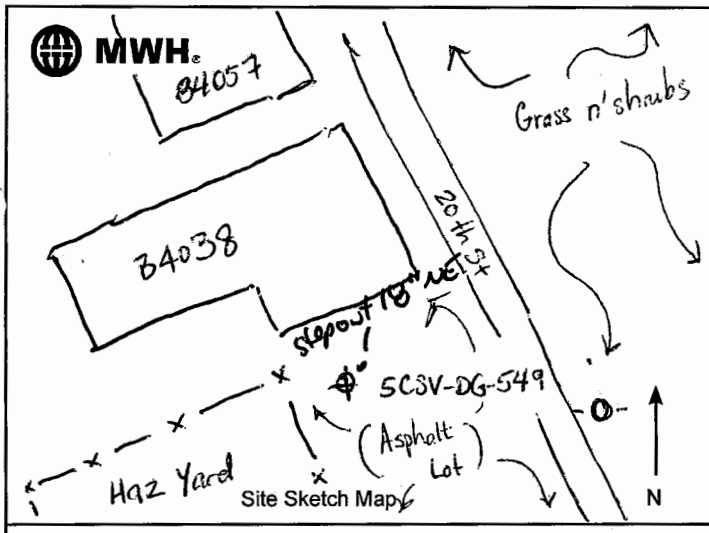
Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH



Site Sketch Map

Boring ID: SCSV-DG-549	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SASC
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 8.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1257 / 5-30-14	Drill Finish Time/Date: 1314 / 5-30-14
Soil Vapor ID: SCSV-DG-549	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1335 / 5-30-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 7.0-8.0	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

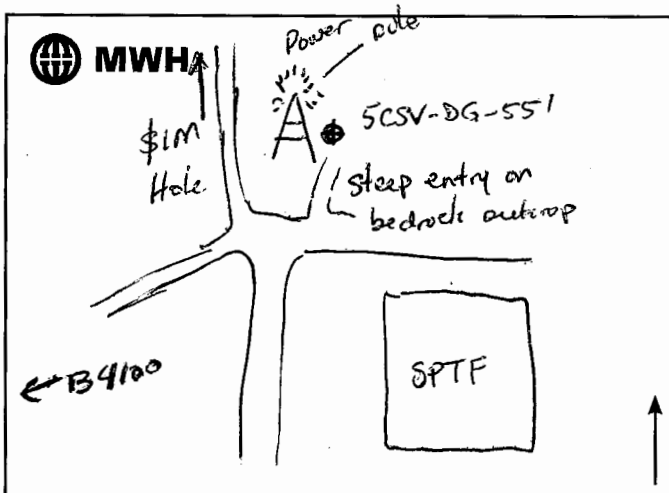
Soil Description
1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations

Surface Description: Asphalt lot S. of 4038

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	AF	3" Asphalt	–	–	–	75	25
						1	SM	Silty Sand w/ gravel (SM), dark yellowish brown (10YR 3/4), loose, moist, fine sand, non-plastic silt, dark asphalt stains, road base (gravel) at the surface, no odors. fill					
		40"	NONE			2							
						3	ML	Silt (ML), dark yellowish brown (10YR 4/6), med. stiff, moist, low-plasticity silt, no odors or stains, weak silt cement, fill	–	–	–	–	100
						4					5	20	75
						5		• stepout 18" NE of previous					
		36"	NONE					• Sample SVL-549-SASC-SB-6.3-6.8 6.3-6.8' bgs @ 14:23	Begin Hole 14:02				
						6		• Set probe 6.0-7.0' bgs; 14:50 TD = 8.85' bgs	End Hole 14:22				
		18"	NONE			7		@7' Asphalt debris					
						8	SM	10 µRem, 42 cpm, 0.0 ppm					
*TD = 8.0'; refusal on bedrock						9	Br	Silty Sand (SM), yellowish brown (10YR 5/6), dense, dry, fine sand, non-plastic silt, moderate silt cement, no odors or stains, native soil					

@ 8.0 Weathered Bedrock

MWH



Site Sketch Map

Boring ID: 5CSV-DG-551	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 2.8'		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1500 / 5-28-14	Drill Finish Time/Date: 1509 / 5-28-14		
Soil Boring Backfill Time/Date: 1520 / 5-28-14	Backfill Material: Soil cuttings.		
Soil Vapor ID: N/A	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Well Completion Time/Date: N/A			
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: @ Base of power pole, bedrock nearby	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X					0	SM	Silty Sand (SM), yellowish brown (10YR 5/4), loose, dry, fine sand,	-	-	-	65	35
	X	24"				1	SP-SM	non-plastic silt, roots, fill, minor dark stains (dark yellowish brown (10YR 4/4))	-	-	-	65	35
0.0	X		X		1515	2		Poorly Graded Sand with silt (SP-SM), very pale brown (10YR 7/4), loose, dry,					
SVL-551-SA5C-SB-2.0-2.8						3		predominantly fine sand, non-plastic silt, fill (native soil that has been disturbed), no odors or stains					
						4							
						5							
						6		TD= 2.8 ft; refusal on bedrock. Collect encores 2.0-2.8 ft. No vapor probe installed.					
						7							
						8							
						9							

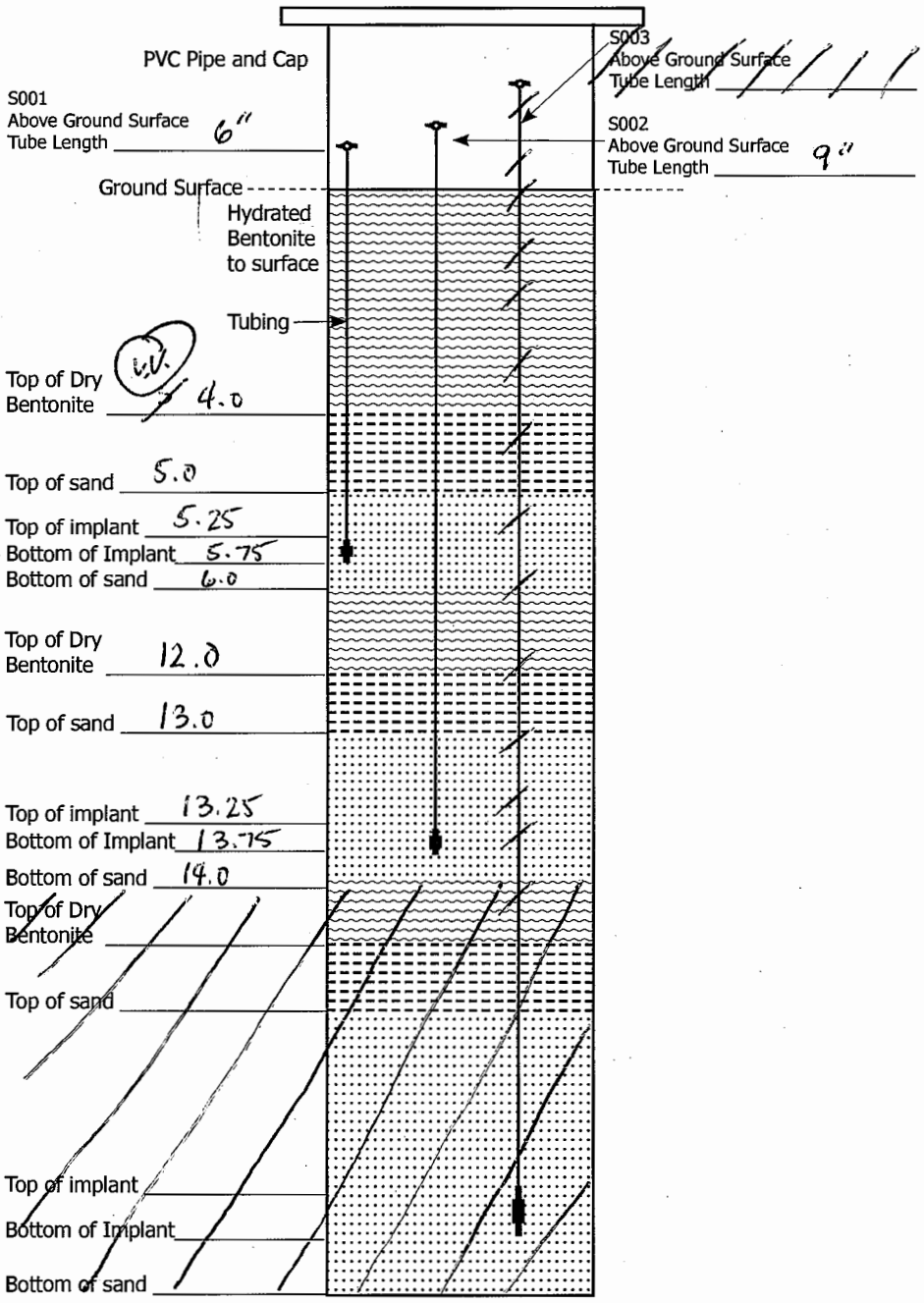
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-554
Site: 3A 5C
Drilling Contractor: EST
Borehole TD: 14.0

Project: Phase 3 DOE SVDG
Logged by: V. Vathanazin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 0905 / 5-29-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: # 3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

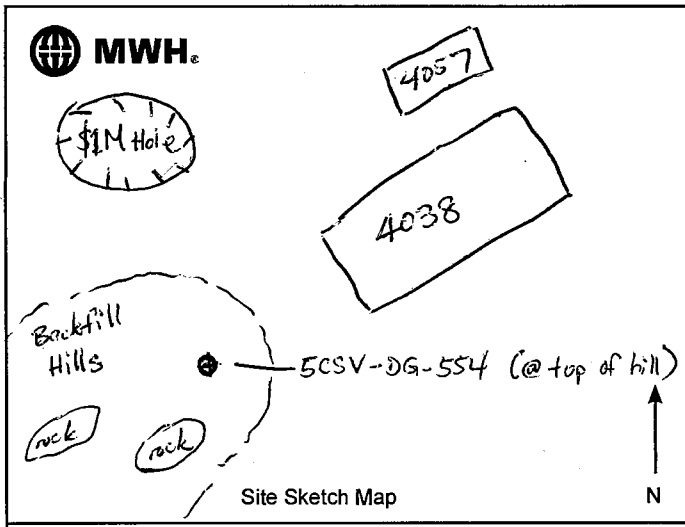
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-554	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C		
Logged By: V. Vatharasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 14.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0745 / 5-29-14	Drill Finish Time/Date: 0830 / 5-29-14		
Soil Vapor ID: 5CSV-DG-554	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 0905 5-29-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 5.0 - 6.0 ; 13.0 - 14.0	Surface Completion: Soil vapor probes		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

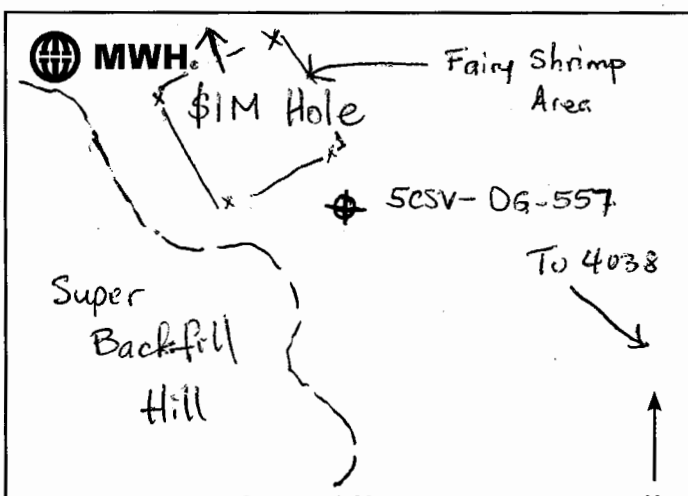
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine sand, non-plastic silt, grass roots, sandstone cobbles (sheared by Macrocore), non compacted, fill, no staining or odors.	TR	-	-	70	30/
		NONE				1							
						2							
						3							
0.0						4		Grades w/o cobbles, color changes to brownish yellow (10YR 6/6)					
		NONE				5							
						6							
						7	ML	Silt (ML), dark yellowish brown (10YR 4/6), med. stiff, dry, non-plastic silt, fill	-	-	-	-	100/
0.0						8	SM	Silty Sand (SM) brownish yellow (10YR 6/6), loose, dry, backfill, no stains or odors, backfill.					
		NONE				9							

Cont page 2

5-6 12-14

Boring ID: 5CSV-DG-554 Project: DOE SV DG Phase III 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		NONE				10	SM	Same as above					
						11							
						12		@12' few chunks of asphalt					
		NONE				13							
0.0						14							
							BS	Weathered Sandstone.					
						15							
						6							
								TD = 14.0, refusal on weathered bedrock.					
						7		install probes at 5.0-6.0, 13.0-14.0					
						8							
						9							
						0							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

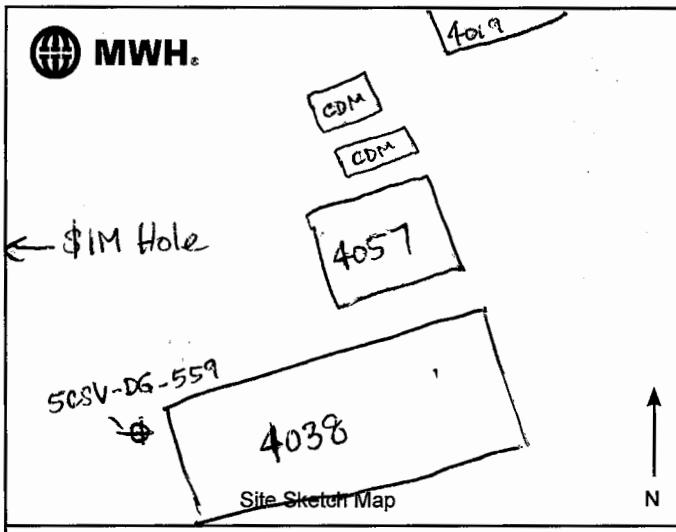


Site Sketch Map

Boring ID: 5CSV-DG-557	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 3.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0940 / 5-29-14	Drill Finish Time/Date: 0949 / 5-29-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1005 / 5-29-14 Backfill Material: Soil cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: NONE
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X					0	SM	Surface Description: Silty Sand (SM) w/ Gravel (V-V), brownish yellow (10YR 6/6), loose to med. dense, fine sand and low plasticity silt, dry, back fill, no odors or stains. fine gravel	5	–	–	60	25/10
	X	38"				1							
	X					2							
	X		X		10:00	3							
SVL-557-SA5C-SB-3.0-3.5						4	Br	Weathered Bedrock - thin Sandstone over shale					
						5		TD = 3.5', refusal on bedrock. Stepped out twice to confirm refusal; 2nd attempt 2.5', 3rd attempt 2.0					
						6							
						7		Collect encores for VOC analyses at 3.0 - 3.5'					
						8							
						9							

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-559	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 3.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1015 / 5-29-14	Drill Finish Time/Date: 1025 / 5-29-14		
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1038 5-29-14	Backfill Material: Soil cuttings.	
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion:		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☐ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Asphalt					
	X			3" asphalt		0	SM	Silty Sand (SM), dark yellowish brown (10 YR 4/6), loose, moist, fine sand, non-plastic silt, asphalt stains, fill *1" layer of road base ~~at~~ beneath asphalt, @2' mild oxidation, yellowish brown (10 YR 6/8)	-	-	-	75	25
	X	36"				1							
	X					2							
	X		X		10:35	3							
SVL-559-SASC-SB-2.5-3.0							Br	Sandstone, weathered.					
						4							
						5		TD = 3.0 ft, refusal on bedrock. Collect encores at 2.5-3.0 for VOC analyses. ~~yellowish brown (10YR 6/8)~~					
						6							
						7							
						8							
						9							

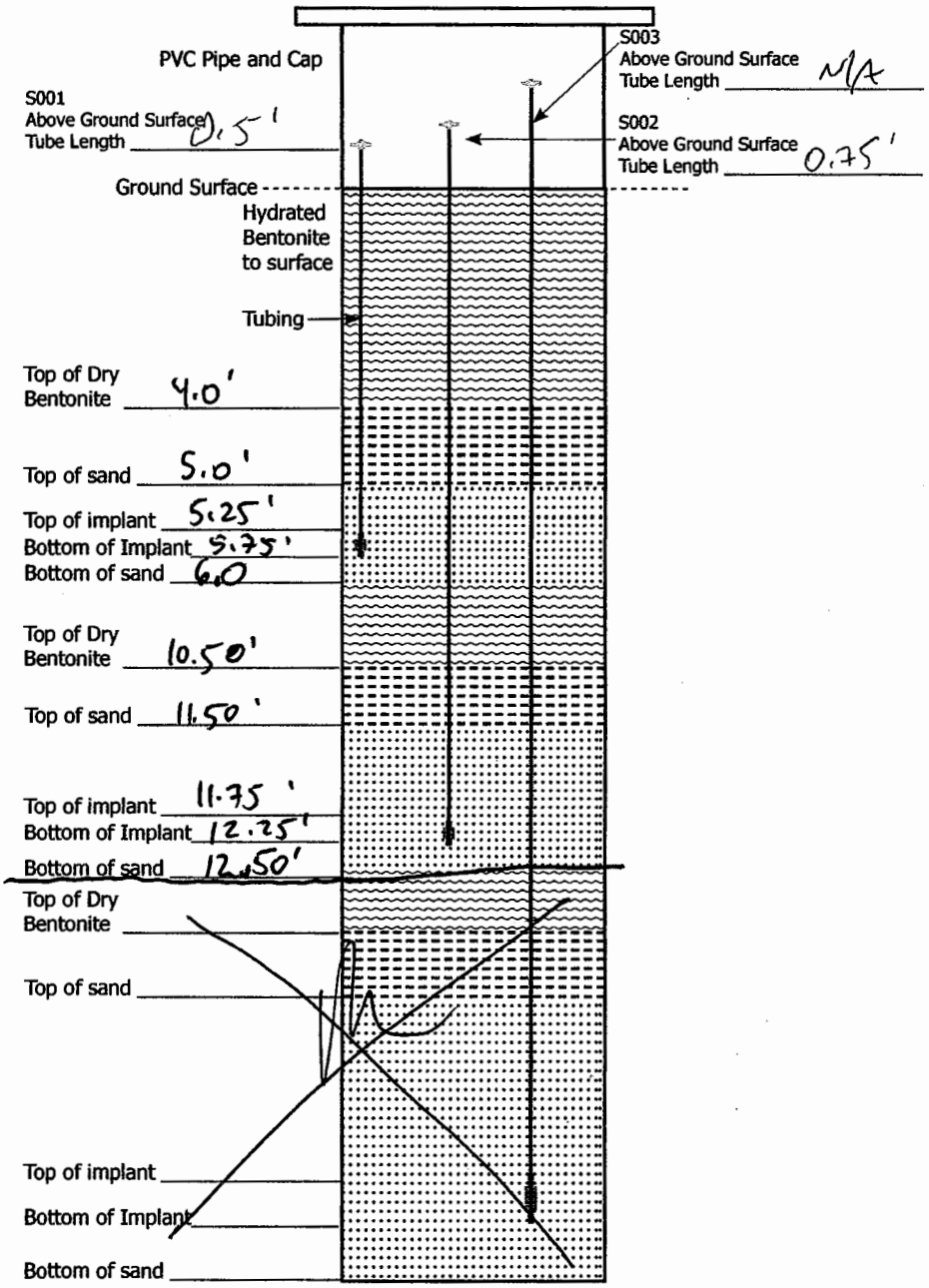
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SC SV DG-561
Site: SC
Drilling Contractor: EST
Borehole TD: 12.5'

Project: Phase 3 DOE Data Gap Sampling 2014
Logged by: RWBELLS
Driller: EST
Borehole Diameter: 2.25"

Job #: 10503982.3050105/10503982.3060105
Reviewed by:
Rig Type/Method: Geoprobe 5400
Probe Completion Date/Time: 02JUN14/ 08:45



Vapor Implant Specs

Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8 crumbles
Manufacturer: cetco

Hydrated Bentonite

Type: #8 crumbles
Manufacturer: cetco

Notes:

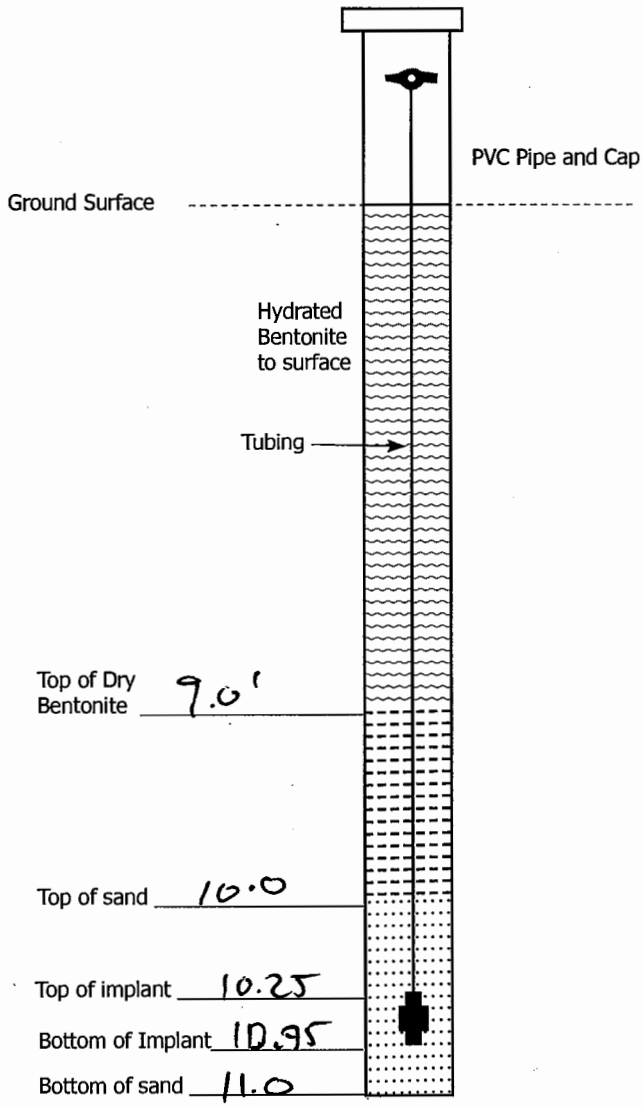
1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SCSV_DG-561
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: SC
Reviewed by:
Logged by: Russ Ellis
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400
Driller: Morgan Hughes
Borehole TD: 11'0' bgs
Probe Completion Date/Time: 10 Jan 14, 13:24
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3 sand
Manufacturer: Cemex

Dry Bentonite

Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite

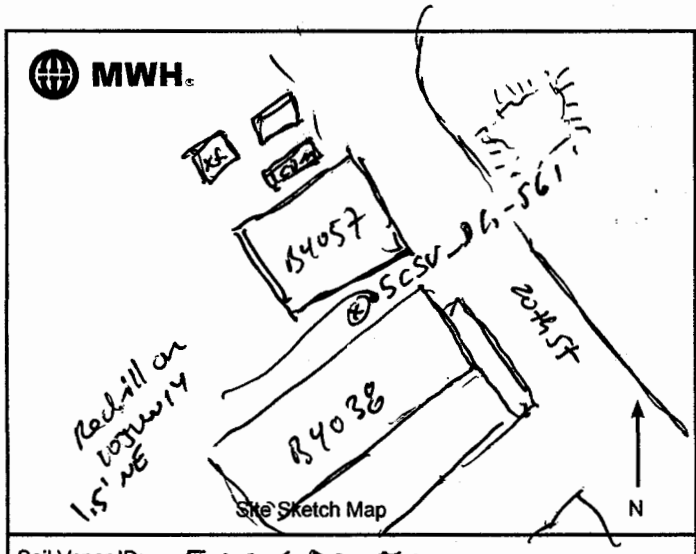
Type: #8 crumbles
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SCSV DG-561	Sheet 1 of 2
Project: Phase 3 DOE SVDG 2014	
Job #: 10503982.30501106	Site: SC
Logged By: RUSSELLS	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTY KILHULLEN
Drill Rig Type/Method: GEOPROBE 5400	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25 OD	Total Depth (ft.bgs): 12.5'
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 02JUN14, 07:49	Drill Finish Time/Date: 02JUN14, 0845
Soil Vapor ID: SCSV DG-561	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 02JUN 2014	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☑ None
Soil Vapor Probe Depths (ft.bgs): 5.0-5.5 ; 6.0, 11.5-12.0-12.5	Surface Completion: SV Probe
Soil Vapor Well Detail Completed (yes/no): sth sealed	Type of Refusal: ☑ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		Surface Description: ASPHALT DRIVEWAY					
		26"						4" asphalt		4			
0.0						1	SM	Silty sand (SM) black (10YR 2/1) slightly moist, medium dense, Predominant fine sand (55%), some silt (30%), and little medium sand (15). No odor, no stain. Fill material	-	0 15	15	55	30
						2							
						3							
								4.0-5.5					
0.0		40"				4	SP	Poorly graded sand (SP), dark yellowish brown (10YR 3/4) dry, loose. Predominant medium sand (45), some fine sand (30), little coarse (15) with few silt (10). No odor, no stain. Fill material.	-	15	45	30	10
						5							
						6	SM						
						7		5.5-12.0	-	-	60	40	-
0.0		40"				8		Silty sand (SM), very dark grayish brown (10YR 3/2), moist, dense Predominant fine sand (60%), with some (40%) silt. medium stiff. non plastic, no odor, no			-	60	40
						9	CH						
						CH							

QA/QC
Surficial media boring log rev 2-25-2014

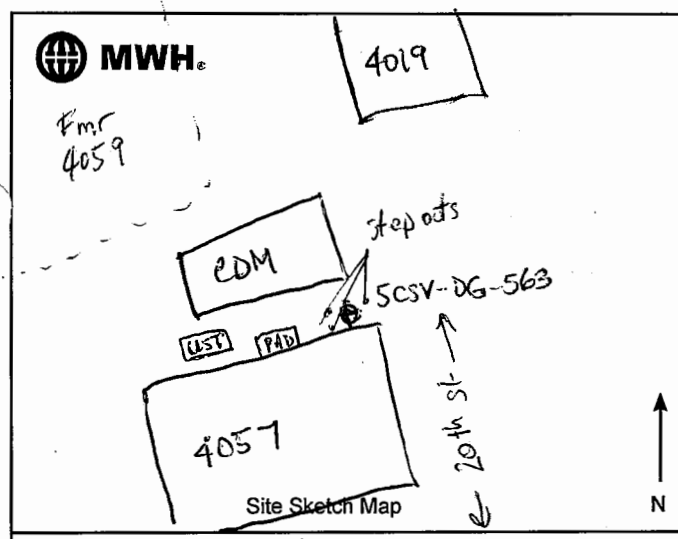
Boring ID: SCSV DG-561 Project: Phase 3 DOE SVPA 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X					10		Surface, Fill material					
	X					11		- color change at 7.0' bgs to black (10YR 2/1) - with silt fraction increasing to 40 to 60%			(✓)		
	X	6"				12	SM	- color change at 8.0 to very dark grayish brown (10YR 3/2) 12.0-12.5	-	-	-	40	60
0.0						3		Silty sand (SM) light olive brown (2.5Y 5/4) dry loose, Predominant medium sand (75), with little silt (25%) and traces medium sand. No stain, no odor, native soil.	-	-	M	75	25
						4							
						5							
						6							
						7							
						8		• Refusal on sandstone at 12.5' bgs bedrock					
						9		• Soil vapor probes installed at 5.0 - 6.0 and 11.5 - 12.5 bgs					
						0							
						1		• TD = 12.5' bgs					
						2		• moved sample location ~2.0' feet SW to avoid water line.					
						3							
—		10 JUN 14											
						4		(✓) 9.0-11.0 on boring 10 JUN 14 Clay (CH) no dilatancy, v high dry strength, high toughness					
						5						Begin hole 12:57	
						6		• Took Sample at 10.5-11.0' interval				End hole 13:09	
						7		• SVL-561-SASC-SB-10.5-11.0 @ 13:24h. 13 mRem, 32 cpm, 0.0 ppm					
						8		Set probe SCSV-DG-561 @ 10.0 - 11.0' bgs 10 JUN 14 13:2					
						9							

Moved location to 1.5' NE of previous.

QA/QC Surficial media boring log rev 2-25-2014

MWH.



Site Sketch Map

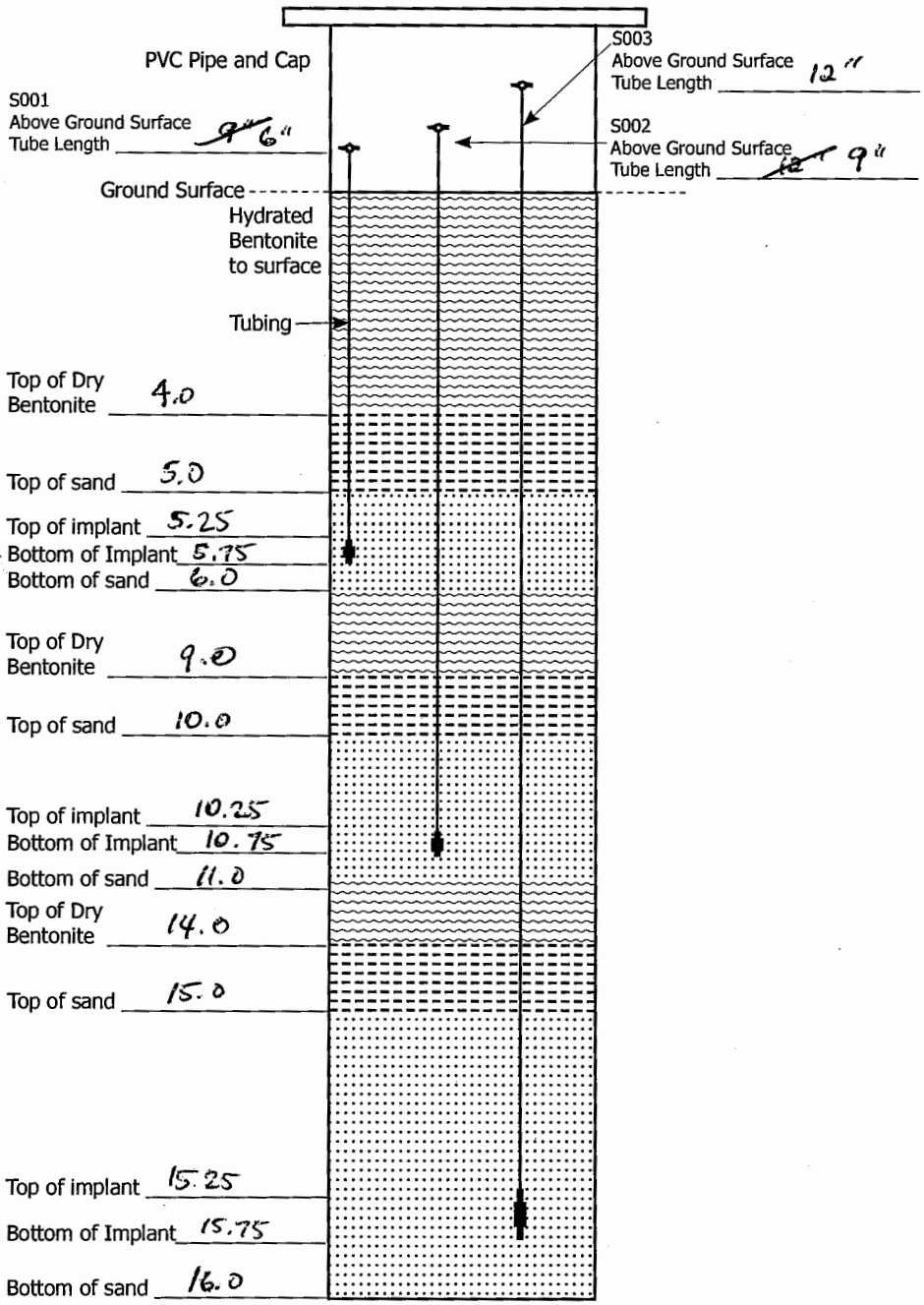
Boring ID: 5CSV-DG-563	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C
Logged By: V. Vatherasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 1.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0750 / 6-2-14	Drill Finish Time/Date: 0830 / 6-2-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 0845 / 6-2-14 Backfill Material: Soil cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None; backfill with cutting and asphalt patch
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand Coarse	Medium	Fine	Silt/clay
						0		Surface Description: Asphalt 3"					
	X						SM	Silty Sand (SM), brown (10YR 4/3), loose,	TR	–	–	70	30/
						1		dry, fine sand, non-plastic silt,					
0.0			X		0840			trace angular gravel (road base?),					
SVL-563-SA5				C-SB-1.0-1.5			Br	non-cohesive, ~~asphalt~~ asphalt stains,					
						2		Sandstone, weathered.					
						3							
						4		TD = 1.5', refusal on bedrock. Drilled					
								3 borings to confirm shallow refusal.					
								1st 2 borings were 15". Final boring					
						5		1.5'. Collect ~~a~~ cores from final boring.					
						6		Returned @ 1521 hrs to drill 4th stepout					
								approx. 5' NE of original location –					
						7		refusal at 1.0 ft.					
						8							
						9							

MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5CSV-DG-570
Project: Phase 3 DoE Sv DG
Job #: 10503982
Site: SASC
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 45.0
Borehole Diameter: 2.25
Probe Completion Date/Time: 1630/5-29-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

Type: #8
Manufacturer: Cetco

Notes:

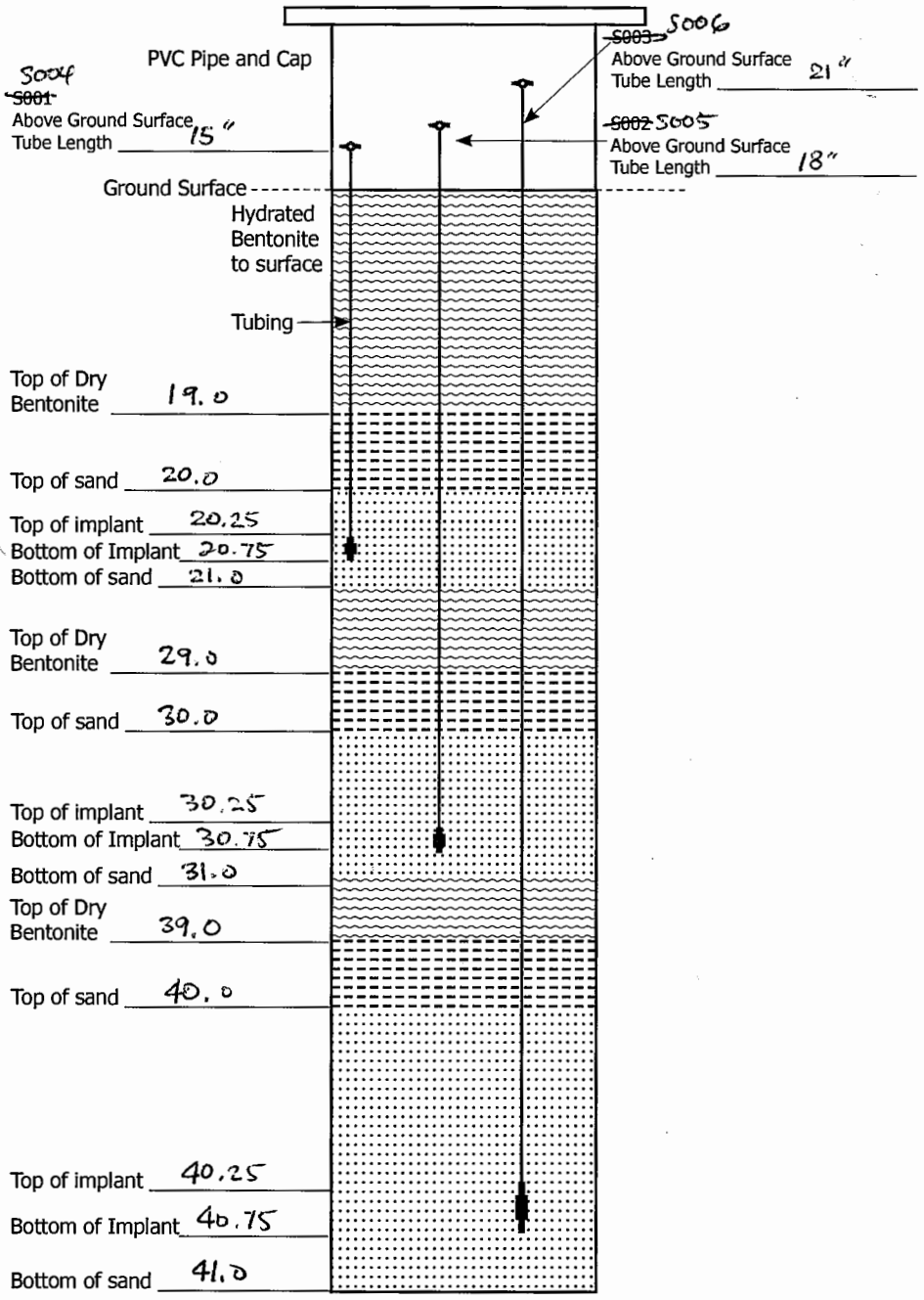
1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SCSV-DG-570
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: SASC
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe
Borehole TD: 45.0
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1630/5-29-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: ~~6"~~ (v.v.) 1/4"
Color: ~~3/8~~ (v.v.) clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

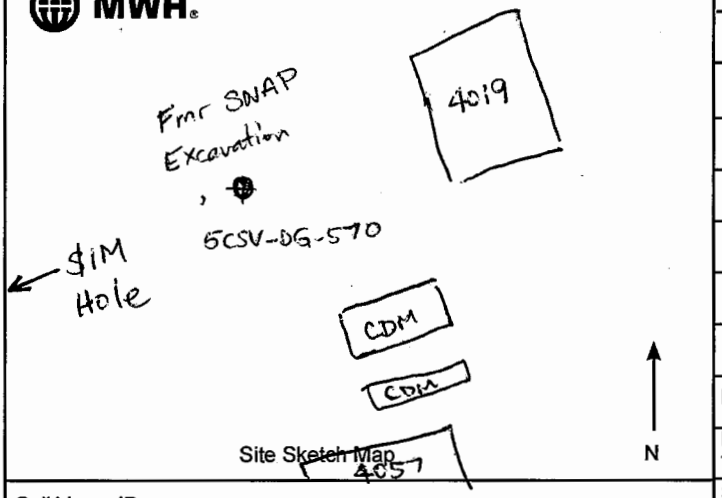
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-570	Sheet 1 of 3		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 45.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1115/5-29-14	Drill Finish Time/Date: 1500 / 5-29-14		
Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A		
Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None			
Surface Completion: Soil vapor probes.			
Type of Refusal: ☐ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☒ None			

Soil Vapor ID:	5CSV-DG-570
Soil Vapor Well Completion Time/Date:	1630 / 5-29-14
Soil Vapor Probe Depths (ft.bgs):	5.0-6.0, 10.0-11.0, 15.0-16.0, 20.0-21.0, 30.0-31.0, 40.0-41.0
Soil Vapor Well Detail Completed (yes/no)	yes

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description:	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), yellowish brown (10YR 5/4), loose, dry, fine sand, non-plastic silt, slightly layered, no stains or odors, fill	–	–	–	55	45/
		43"	NONE			1	ML	@ 1.7' Silt (ML), dark yellowish brown (10YR 4/4), stiff dry, low plasticity silt, moderate cementation, no stains or odors, fill	–	–	–	–	100/
						2							
						3	SM	Silty Sand (SM), brownish yellow (10YR 6/6), loose, dry, fine sand, silt, fill	–	–	–	80	20/
						4							
0.0		48"	NONE			5							
						6		Grades to → Color changes to yellowish brown (10YR 5/4), Trace subrounded quartz gravel	TR	10	5	55	30/
						7							
			NONE			8							
		36"				9							

Con't next page

Boring ID: 5CSV-DG-570 Project: Phase 3 DOE Soil Vapor Data Gaps Sheet 2 of 3

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0						10	SM	color changes to dark yellowish brown (10YR 4/4)					
						11							
						12		@12.3 - 12.8 dark brown (10YR 3/3).					
		40"	NONE					@12.8 - 13.1 brownish yellow (10YR 6/8)					
						13		@13.1 dark brown (10YR 3/3), grades to Silty Sand w Clay	TR	-	10	55	25/10
						14							
0.0						15		@15 light brownish gray (10YR 6/2) staining					
		36"	NONE			16							
						17		@16.5 - large block of coarse gravel (10YR 6/2) ~~staining~~ (V.O.)					
						18		@18' 20 mm granitic gravel					
		24"	NONE			19		18.8'-19' = thin band of yellow (10YR 7/6) Silty Sand.					
0.0						20		@19' ~~cool~~ (V.O.) color changes back to dark yellowish ~~brown~~ (V.O.) brown (10YR 4/4)					
		36"	NONE			21							
						22							
						23							
		36"	NONE			24							
						25		@24.5 fine angular gravel (road base ??)					
0.0						26							
		36"	NONE			27	SP	Poorly Graded Sand (SP), very pale brown	-	-	20	80	-
						28	SM	(10YR 8/4), loose, dry, fine sand, medium sand, no stains or odors, fill	TR	-	-	70	30/
						29	(V.O.)	@28.5 Silty Sand (SM), brown (10YR 5/3), loose, dry, fine sand, silt, fill trace fine gravel					
						30							

Con't next page

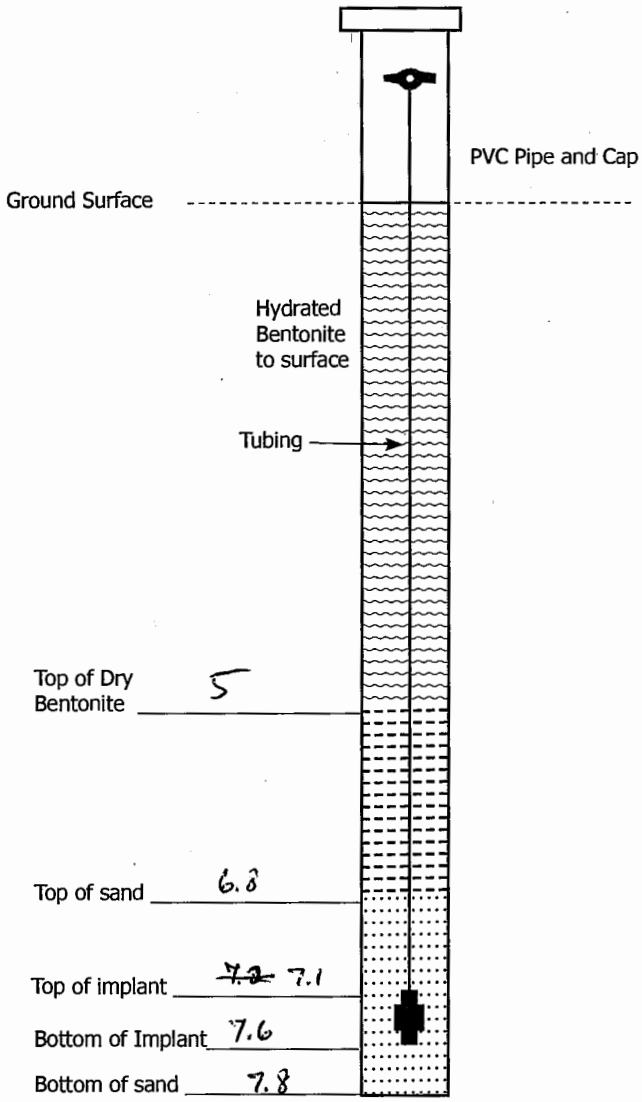
Boring ID: SCSV-DG-57D Project: Phase 3 DOE Soil Vapor DG Sheet 3 of 3

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Estimated % of Sand: Gravel	Coarse	Medium	Fine	Silt/clay
0.0		36"	NONE			30		@30' yellow (10YR 7/6) oxidation					
						31							
						32							
						33							
		36"	NONE					Grades to Silty Sand w/gravel →	10	–	10	70 (60)	20/
						34							
						35							
						36							
		36"	NONE			37							
						38	SP SM	Poorly graded sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine sand, fill	– –	– –	– –	100 75	– 25/
						39		@38' Silty Sand (SM), brown (10YR 5/3), med. dense, dry, fine sand, non-plastic silt, no odors, yellow stains (5Y 7/8), fill					
		36"	NONE			40							
						41							
						42							
		36"	NONE			43							
						44							
						45		No refusal! Drilling halted due to lack of drilling rods and time of day					
						6		TD= 45.0 ; borehole collapsed to ~~44.5~~ 44.0 during trip out. Install vapor probes at 5.0-6.0, 10.0-11.0, 15.0-16.0, 20.0-21.0, 30.0-31.0, 40-41.0. Backfill 41.0 to 44.0 w/ med. chips					
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5C8V-DG-572
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: 5C
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 7.8
Probe Completion Date/Time: 1326/5-20-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Comery

Dry Bentonite
Type: #8
Manufacturer: Cetco

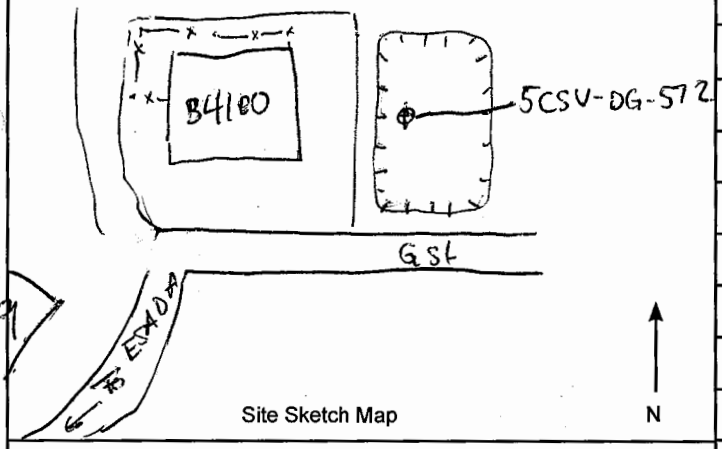
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 5CSV-DG-572	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5C		
Logged By: V. Vathanaya	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400/ DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 7.8'		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1255 / 5-20-14	Drill Finish Time/Date: 1315 / 5-20-14		
Soil Vapor ID: 5CSV-DG-572	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1326 / 5-20-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 6.8-7.8	Surface Completion: Soil vapor probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Surface Description: Grass, in a depression E of B100. Silty Sand (SM), brown (10YR 5/3), loose, dry, fine sand, non-plastic silt, friable, fill, few roots	-	-	-	60	40/
		48"	NONE			1							
						2	ML	Silt (ML), brown (10YR 5/3), med. stiff, dry, low plasticity silt, fine sand	-	-	-	-	100
0.0						3							
						4		grades with clay (low plasticity)	-	-	-	-	80/20
						5							
		36"	NONE			6	SM	@5.5 Silty Sand (SM) very pale brown (10YR 7/4) with yellow (10YR 7/8) iron staining.					
						7							
0.0						8		@7.8' Sandstone, weathered. TD= 7.8', refusal on bedrock. Install vapor probe at 6.8-7.8 ft bgs.					
						9							

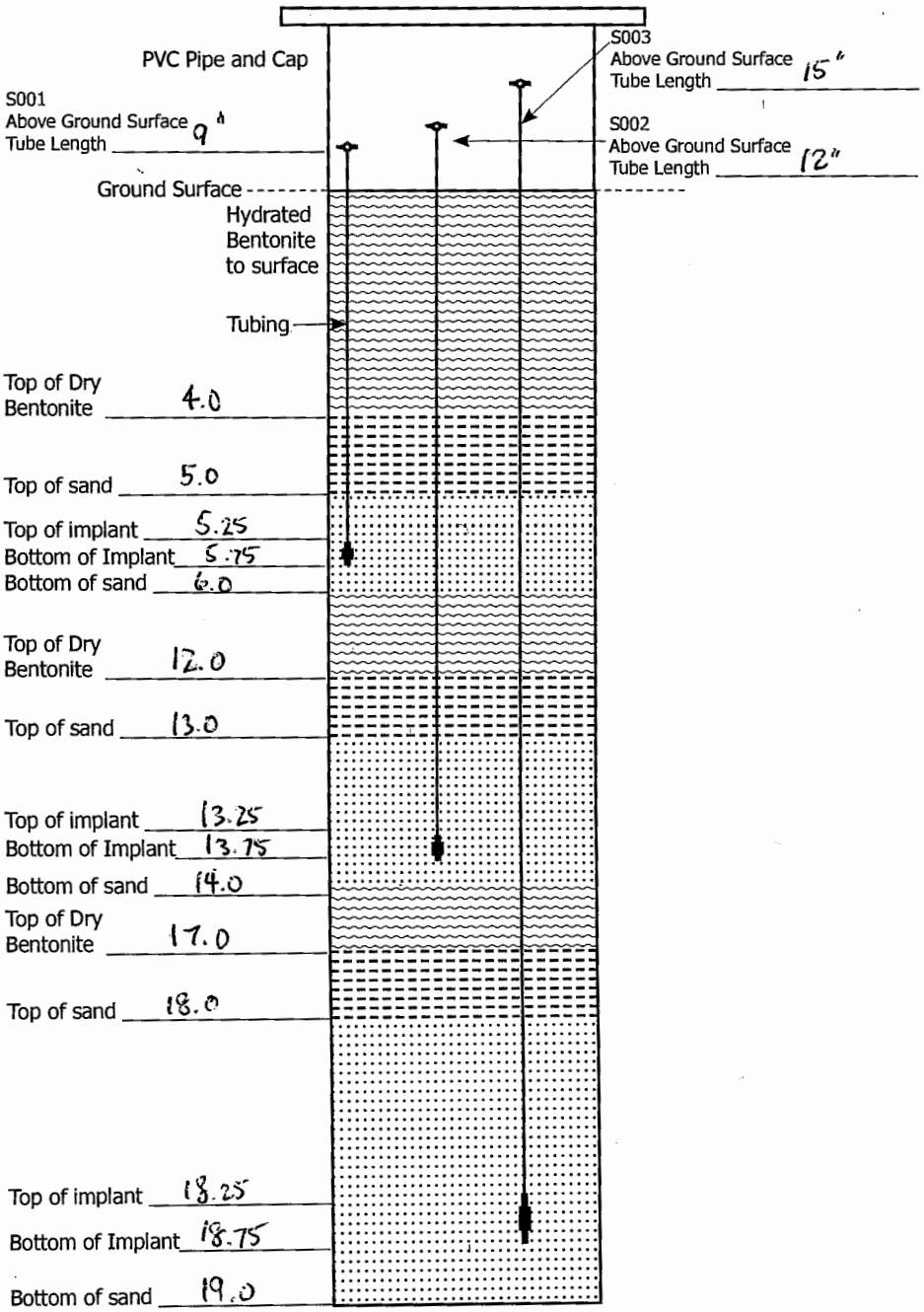
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SDSV-DG-502
Site: SA 5D
Drilling Contractor: EST
Borehole TD: 19.0

Project: Phase 3 DOE SVDG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10509382 (V.V.) 3982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 0935 / 5-21-14



Vapor Implant Specs (V.V.)

Material: Stainless ~~Steel~~ Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

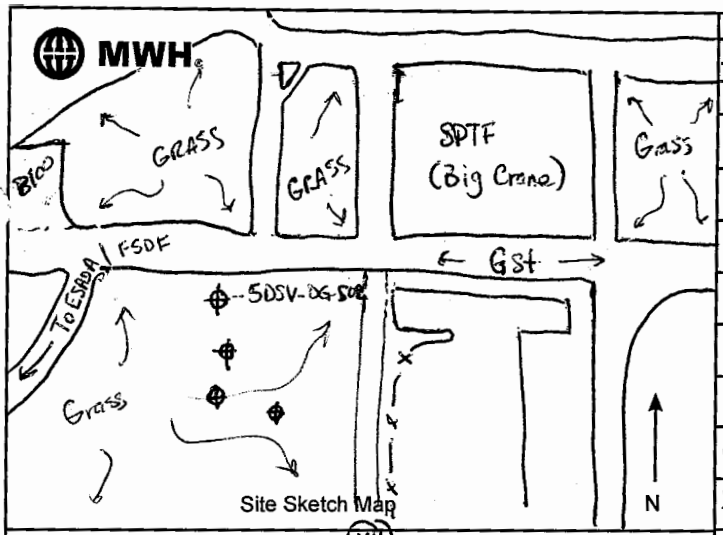
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH



Site Sketch Map

Boring ID: 5DSV-DG-502	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D		
Logged By: V. Vatharasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 19		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0750 / 5-21-14	Drill Finish Time/Date: 0845 / 5-21-14		
Soil Vapor ID: 5DSV-DG-~~503~~ 502	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 0935 / 5-21-14	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 13.0-14.0, 18.0-19.0	Surface Completion: Soil vapor probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Grass, gravel debris					
						0	GW	Gravel (Road Base) (GW), light gray	100	—	—	—	—
						1	ML	(10YR 7/2), loose, dry, fine to coarse	—	—	—	10	90/
								gravel, fill, no stain or odors,					
		42"	NONE			2		at 2" Silt w/ sand (ML), brown (10YR					
								5/3), very stiff, dry, non-plastic					
						3		silt, fine sand, moderate cementation,					
0.1						4							
						5		Sandy Silt (ML), pale brown (10YR 6/3),	—	—	—	25	75/
		24"	NONE					stiff, dry, non-plastic silt, fine sand,					
						6							
						7							
						8		color changes to brownish yellow (10YR					
						9	SM	6/6),	—	—	—	70	30
								Silty Sand (SM), brownish yellow (10YR 6/6					
								to very pale brown (10YR 7/4), loose, dry					

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cont next page

5-6
13-14
18-19

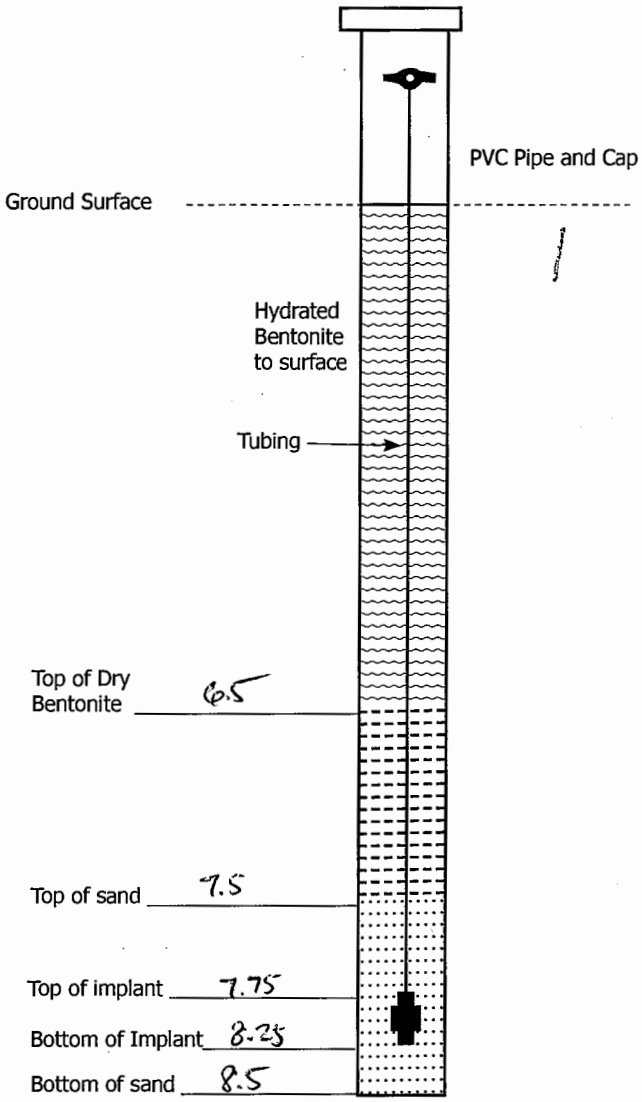
Boring ID: 5DSV-DG-502 Project: Phase 3 DOE SV DG Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		30"	NONE			10		fine sand, non-plastic silt, interlayered color changes, native soil					
0.0						11							
						12							
						13							
		36"	NONE			14							
0.0						15		Grades w/ clay fraction, low plasticity	-	-	-	70	20/10
						16		Grades w/o clay	-	-	-	70	30
		34"	NONE			17		Grades w/ clay	-	-	-	70	20/10
0.3						18							
						19		Sandstone, heavy weathering					
						20		TD=19. Refusal on bedrock, install vapor probes at 5.0-6.0, 13.0-14.0, and 18.0-19.0					
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-510
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SASD
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 8.5
Probe Completion Date/Time: 1059/5-22-14
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

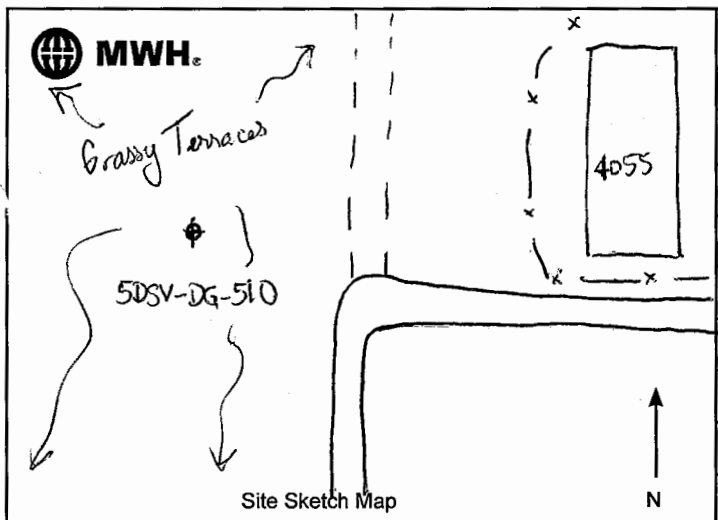
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 5DSV-DG-510	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 3A 5D
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 8.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1030 / 5-22-14	Drill Finish Time/Date: 1050 / 5-22-14
Soil Vapor ID: 5DSV-DG-510	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1059 / 5-22-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 7.5-8.5	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

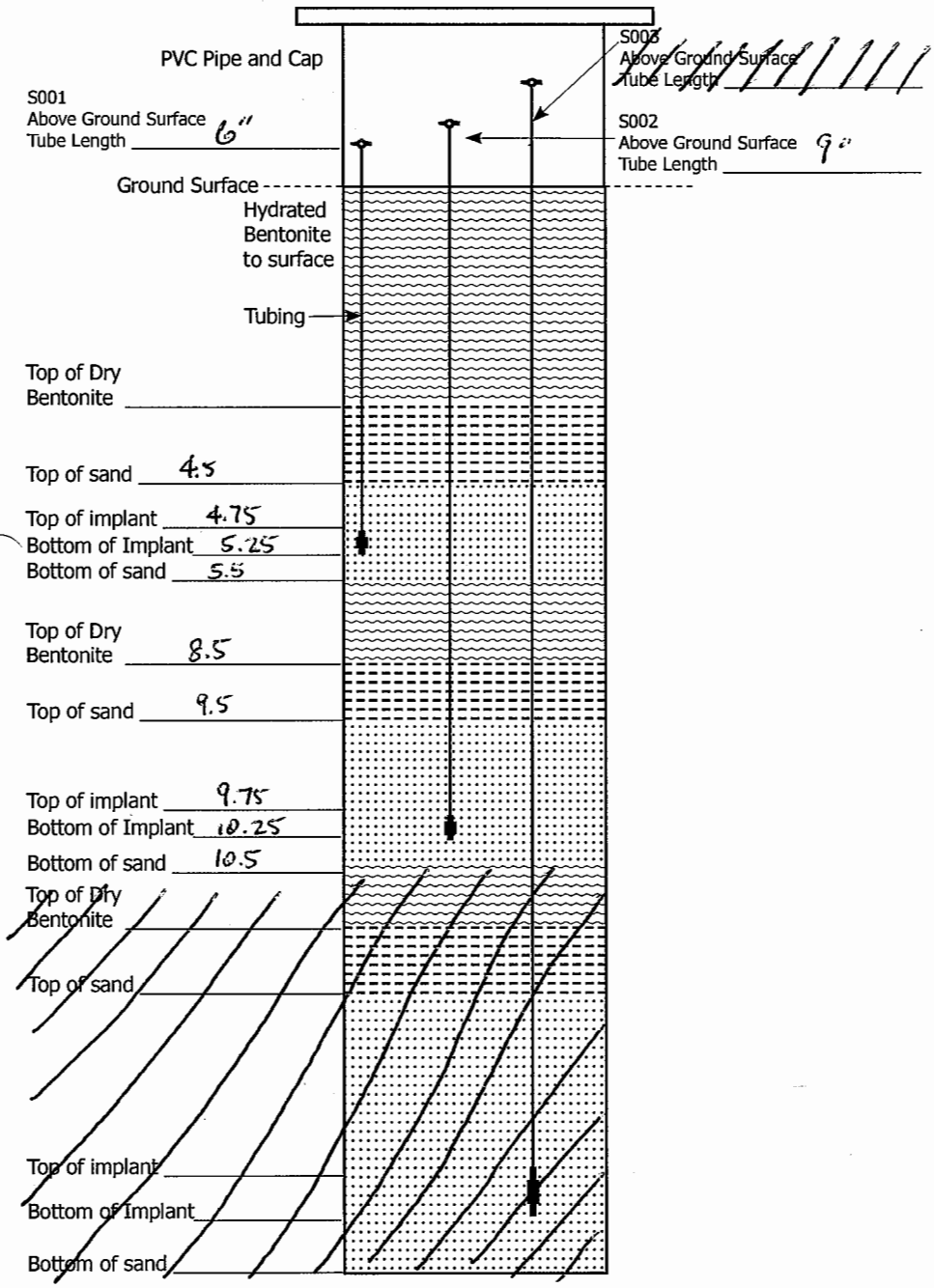
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: In depression, grassy	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), pale brown (10YR 6/3), loose, dry, fine to coarse sand, non-plastic silt, no stains or odors, fill	—	20	30	20	30
		30"				1		@ 1.5' grades w fine angular gravel	10	10	30	20	30
						2	CL	Clay (CL), brown (10YR 5/3), stiff, moist, medium plasticity clay (lean), weathered qtz and clay grains, no stains or odors, fill	—	-	10	-	90
0.0						3							
						4		@ 4.5' Silt w/ clay (ML), brownish yellow (10YR 5/6), stiff, ~~dry~~ (M) to very slightly moist, low to no plastic fines, white (10YR 8/1) streaks (weathered qtz), fill					
		48"				5							
						6							
						7	SM	Silty Sand (SM), very pale brown (10YR 7/4), loose, dry, fine sand, non-plastic silt and clay, weak clay cement, no odors or stains, native soil					
0.2		6"				8							
						9		@ 8.5 Sandstone. TD = 8.5'. Refusal on bedrock. Install vapor probe at 7.5-8.5'					

PID 7.5-8.5

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SDSV-DG-511
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: SASD
Logged by: V. Vathanaain
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400 / DP
Borehole TD: 10.5
Borehole Diameter: 2.25"
Probe Completion Date/Time: 0830 / 5-22-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

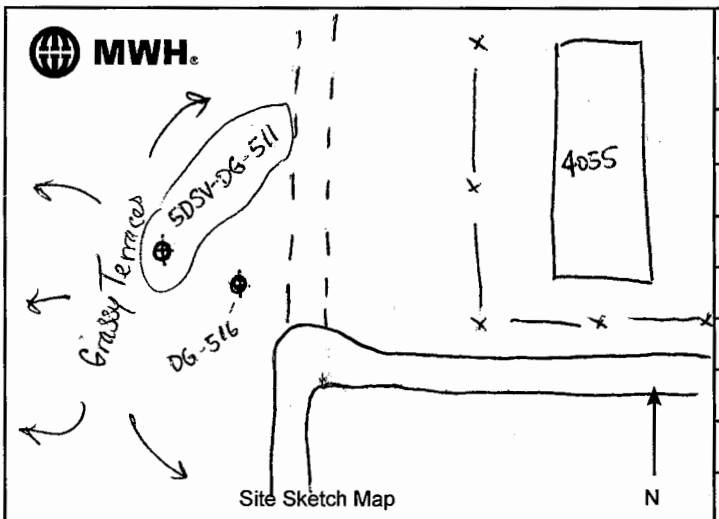
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5DSV-DG-511	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 5D
Logged By: V. Vathanavin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 10.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0740 / 5-22-14	Drill Finish Time/Date: 0800 / 5-22-14
Soil Vapor ID: 5DSV-DG-511	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 0830 / 5-22-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5, 9.5-10.5	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Surface Description: Grassy, branches and limbs. Silt (ML), dark yellowish brown (10YR 4/4), med. stiff, slightly moist, non-plastic silt, trace sand, grass roots, wood fragments, fill	-	-	-	TR	100/
		38"	NONE			1			-	5	-	TR	95/
						2		@1' graded w/ coarse sand ~~fragments~~					
						3	CL	(V.O.) ~~4~~ Silty clay (CL), brownish yellow (10YR 5/6), stiff, dry, non-plastic clay and silt, weathered qtz(?) or plag (?) grains, fill, no odors or staining.	-	-	TR	-	(V.O.) 20/80
						4							
0.1			X			5		@ 4½-2" gravel					
		48"		SVL-511-SA5D-SS 4.5-5.5 MS 4.5-5.5		6		color changes to light yellowish brown (10YR 6/4).					
				SVL-311-SA5D-SS		7							
		24"	NONE			8	ML	Silt (ML), yellowish brown (10YR 5/4), stiff, dry, non-plastic silt, fill	-	-	-	-	100/
						9	SM	Silty Sand (SM), yellow (10YR 7/6), loose, dry, fine sand, non cemented, native soil	-	-	-	70	30/
						10							

0.3

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(V.V.)

Boring ID: 5DSV-~~01~~ DG-511 Project: Phase 3 DOE SV DG Sheet 2 of 2

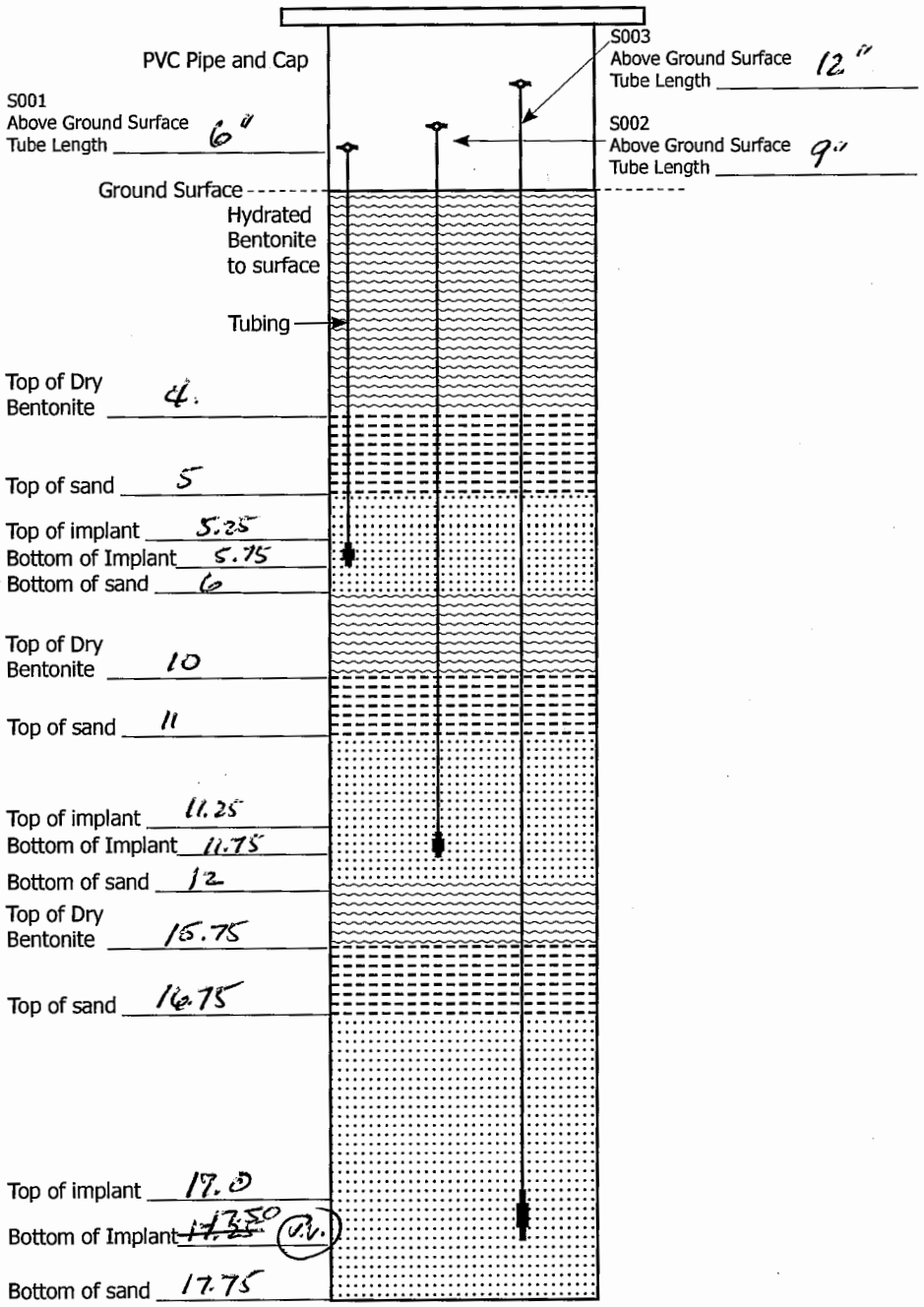
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10		@10.5' Sandstone, weathered.					
						11		TD=10.5', refusal on bedrock. Install vapor probes at 4.5-5.5' and 9.5-10.5'.					
						12		Collect encores at 4.5'-5.5' for potential no-flow conditions.					
						13							
						14							
						15							
						6							
						7							
						8							
						9							
						0							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 508V-DG-512
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: SA 5D
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400 / DP
Borehole TD: 17.75
Borehole Diameter: 2.25
Probe Completion Date/Time: 1356/5-21-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

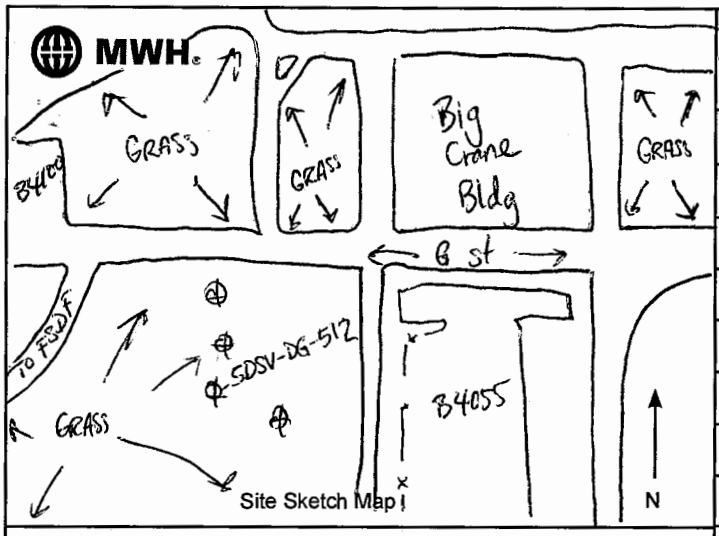
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5DSV-DG-512	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 17.75		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1231 / 5-21-14	Drill Finish Time/Date: 1330 / 5-21-14		
Soil Vapor ID: 5DSV-DG-512	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1356 / 5-21-14	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 11.0-12.0, 16.75-17.75	Surface Completion: Soil vapor probes.		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	~~Silt~~ Sandy Silt (ML), brown (10YR 5/3),	TR	–	–	20	80/
						1		med. stiff, dry, non-plastic silt, fine sand,	–	–	–	20	60/80
		36"						roots, trace fine gravel, fill, no odors					
						2		or stains.					
								@1' ~~1.5~~ grades with clay, low plasticity,					
						3		~~slight~~ very dark grayish brown staining					
								(10YR 3/2) at 1.5-2.0', plastic debris					
						4	CL	Silty Clay (CL), dark yellowish brown (10YR	–	TR	–	TR	35/65
								4/4), stiff, moist, medium plasticity					
					13:40	5		clay, silt, trace coarse and fine sand, areas w/					
		48"	X					white weathering ~~areas~~					
						6							
		SVL-512-EA5D-SB				5.0-6.0							
						7							
								color lightens to (10YR 4/6)					
						8							
						9							
		48"						grades w/ angular gravel (weathered)	10	–	–	TR	40/50

cont next page

Boring ID: 5DSV-DG-512 Project: Phase 3 DOE SV DG Sheet 2 of 2

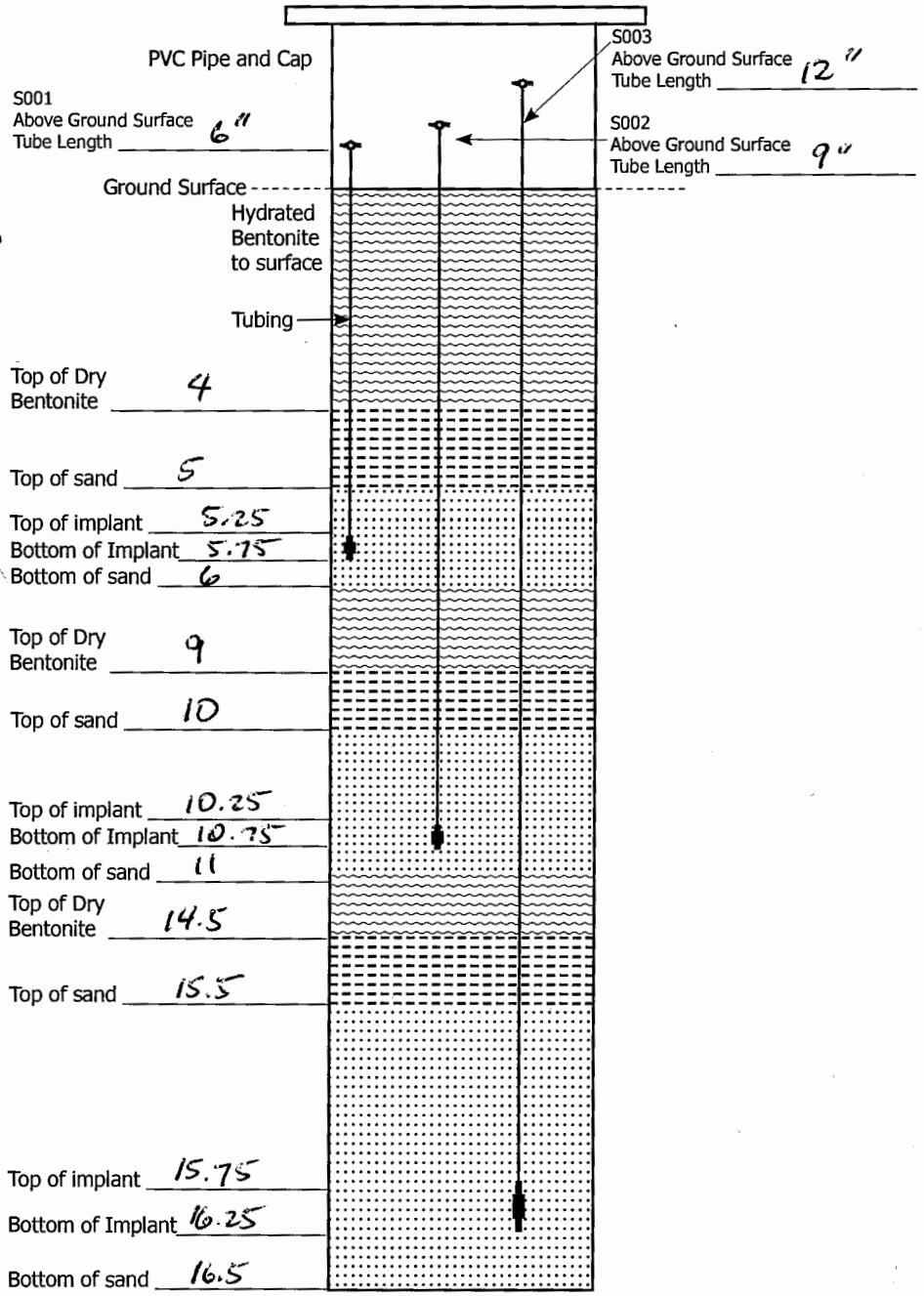
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10	se CL	V.V.					
						11	SC	clayey Sand (SC), yellowish brown (10YR 5/6) with very pale brown streaks (10YR 7/3), med. dense, dry, fine sand, low plasticity clay, clay cement, possibly native, no odors, some brownish yellow (10YR 6/8) iron staining	-	-	-	65	35
0.0		24"	NONE			12							
						13							
						14	CL	@13.5 Sandy clay (CL), brownish yellow (10YR 6/6), med. stiff, moist, low plasticity clay, fine sand, no odors or stains	-	-	-	35	65
		24"	NONE			15			-	-	-	70	30
0.0						16		@14.5 Silty Sand (SM), brownish yellow (10YR 6/8), loose, dry, fine sand, non-plastic silt, no odors or stains					
		20"	NONE			17			-	-	-	100	TR
0.0						18		@17.25 Poorly Graded Sand (SP), brownish yellow (10YR 6/8), loose, dry, fine sand, trace silt, weak ~~clay~~ silt cement V.V.					
						19							
						20		@17.75 Sandstone, weathered.					
						1							
						2		TD = 17.75', refusal on sandstone bedrock, install vapor-probe at 5.0-6.0, 11.0-12.0, and ~~17.75~~ 16.75-17.75 V.V. Collect encores at 5.0-6.0 due to potential low-flow conditions.					
						3							
						4							
						5							
						6							
						7							
						8							
						9							

5-6
11-12
16.75-17.75

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5D3V-DG-513
Project: Phase 3 DOE DG SV
Job #: 10503982
Site: 5D
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400 / DP
Borehole TD: 16.5
Borehole Diameter: 2.25"
Probe Completion Date/Time:



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

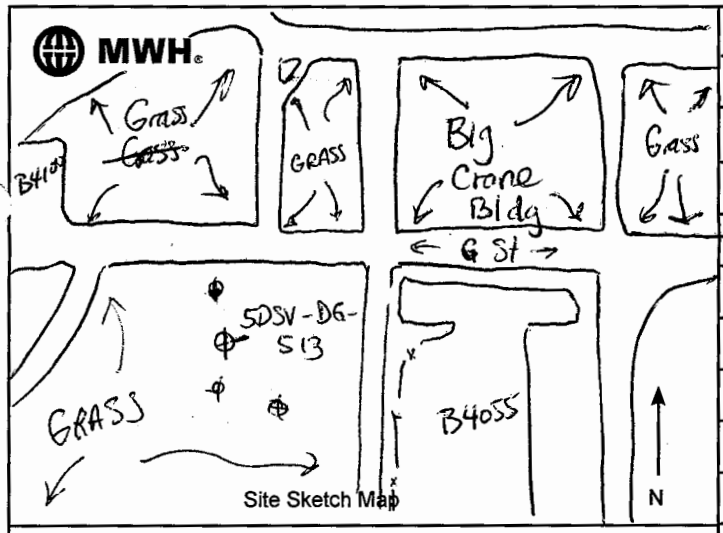
Hydrated Bentonite

Type: #8
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2



Site Sketch Map

Boring ID: 5DSV-DG-513	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 16.5		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1003 / 5-21-2014	Drill Finish Time/Date: 1100 / 5-21-2014		
Soil Vapor ID: 5DSV-DG-513	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1150 / 5-21-14	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 5.0 - 6.0, 10.0-11.0, 15.5-16.5	Surface Completion: Soil Vapor probes.		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations Surface Description: Cleared veg.	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Silt w/ Sand (ML), yellowish brown (10YR 5/4), loose to med. dense, dry, non-plastic silt, fine sand, no odors or stains, fill	—	—	—	15	85/ (V.V.)
		36"	NONE			1							
						2	V.V. ~~Clay~~ Lean CL	Clay (CL), yellowish brown (10YR 5/6), stiff, dry, low plasticity, fill	—	—	—	—	/100
0.0						3							
						4							
		30"	NONE			5	ML	Silt w/ gravel and sand (ML), light yellowish brown (10YR 6/4), loose/soft, dry, non-plastic silt, fine angular gravel, fine sand, coarse sand, fill	10	5	—	25	60
						6							
0.0						7		grades w/o gravel	—	—	—	20	80/
						8		@8' grades w/ clay, med plasticity, stiff	—	—	—	10	90/20
			NONE			9							

cont next page

Boring ID: SDSV-DG-513 Project: Phase 3 DOE SV DG Sheet 2 of 2

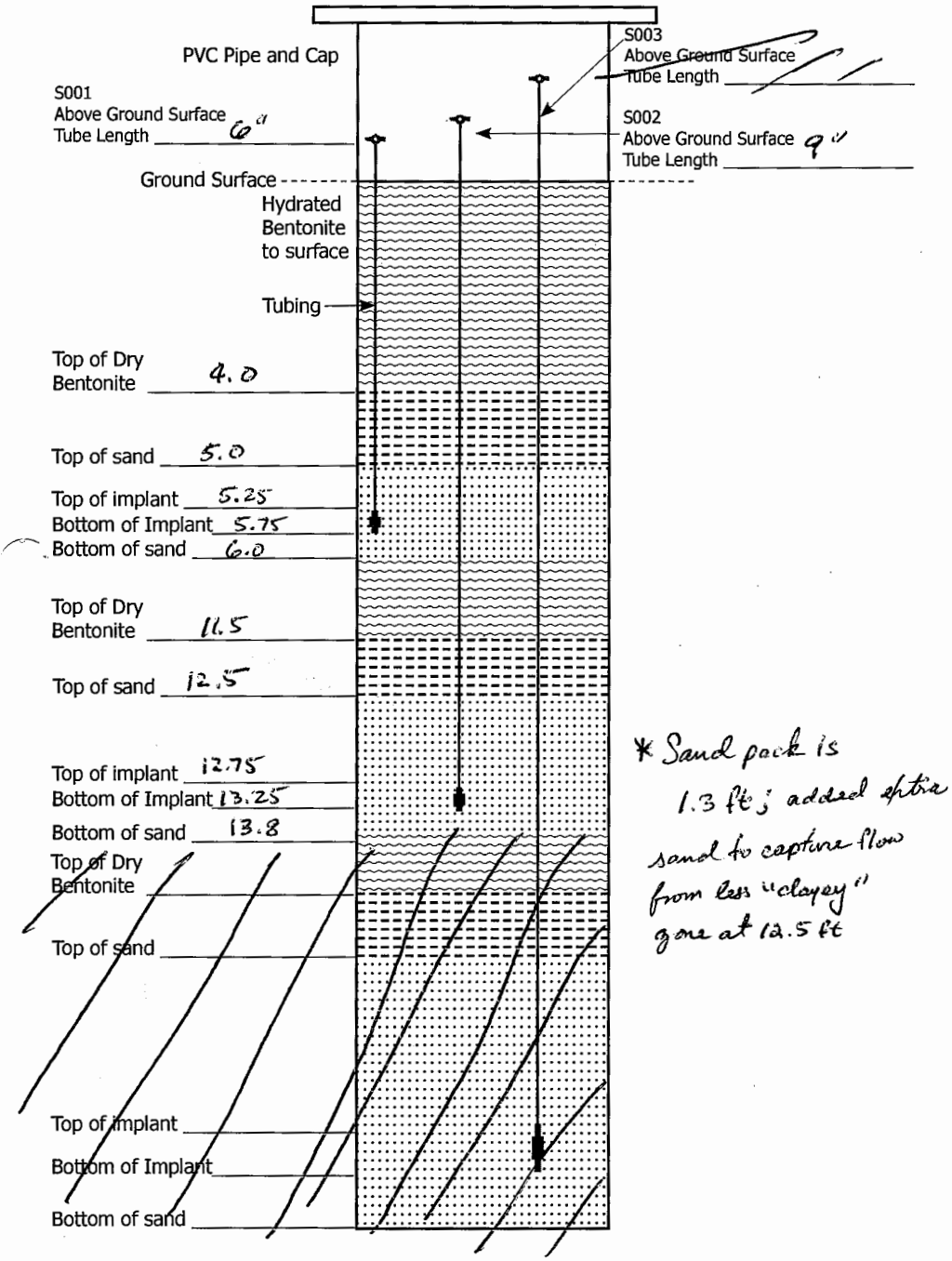
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0		32"	NONE			10		@9' grades w/o clay, PVC cable jacket in core sample, soft to med stiff.	-	-	-	15	85/
						11							
0.2						12							
		24"	NONE			13	SM	Silty Sand (SM), brownish yellow (10YR 6/6), med. dense, dry, fine sand, non-plastic	-	-	-	70	30/
		24"	NONE			14	ML	~~silt~~ and sand 7/4 Silt w/ clay (ML), very pale brown (10YR ~~6/4~~), soft, dry, low to medium plasticity fines, fine sand, no odors (V.V.) no staining, native soil, no debris (V.V.)	-	-	-	15	65 ~~80~~/20 (V.V.)
0.0		6"				15							
						16							
						17	Br	Shale, weathered, fissile					
						18		TD = 16.5', refusal on bedrock, install vapor probes at 5.0-6.0, 10.0-11.0, 15.5-16.5					
						19							
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

5-6
10-11

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SDSV-DG - 515
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: SA SD
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400 / DP
Borehole TD: 13.8'
Borehole Diameter: 2.25"
Probe Completion Date/Time: 15:23 / 5-21-14



* Sand pack is 1.3 ft; added extra sand to capture flow from less "clayey" zone at 12.5 ft

Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

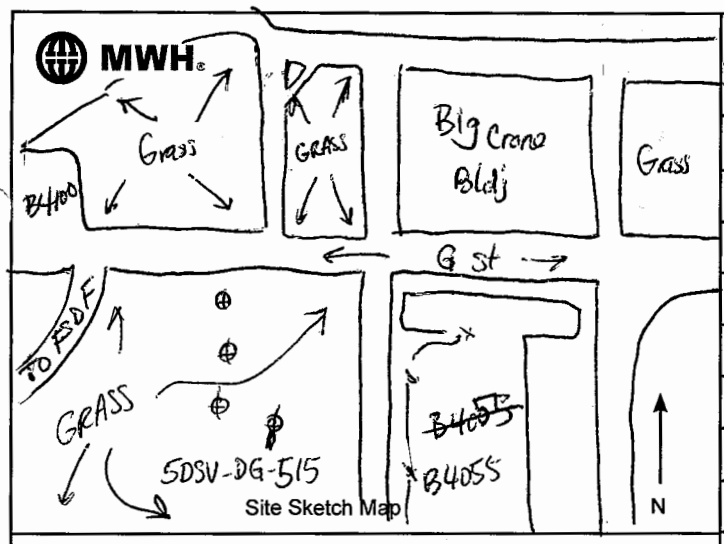
Hydrated Bentonite

Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2



Site Sketch Map

Boring ID: 5DSV-DG-515	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 13.8
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1420 / 5-21-14	Drill Finish Time/Date: 1510 / 5-21-14
Soil Vapor ID: 5DSV-DG-515	Soil Boring Backfill Time/Date: N/A (V.V.) Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 15:23 / 5-21-14	Observations: ☒ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 12.5-13.8	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand Coarse	Medium	Fine	Silt/clay
								Surface Description: Veg. cleared, grassy.					
						0	ML	Silt (ML), yellowish brown (10YR 5/4) (V.V.), soft, dry, non-plastic silt, 2" gravel (subrounded) at 1 ft bgs, compacted fill, roots, organic detritus.	TR	–	–	–	100
		33"	NONE			1							
						2	CL	@ 1.3' 2nd chunk of 2" subrounded gravel	TR	–	–	–	100
						3							
						4		@ 2.3' Lean clay (CL), brown (10YR 4/3), stiff, faint moisture, med. plasticity clay, moderately cemented (clay), no odor or stains, ≤ 1mm ~~white~~ (V.V.) very pale brown nodules (10YR 8/2), fill					
		48"	X		15:10	5							
		SVL-515-SASD-58-5.0-6.0				6		@ 6.8' 2" subrounded gravel.					
						7							
						8							
						9							

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(V.V.)

Boring ID: 5DSV-DG-~~512~~ 515 Project: Phase 3 DOE SV DG 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		48"	NONE			10	SW (VV)	~~Poorly~~ Well Graded Sand (SP SW), brownish yellow (10YR 6/6), loose, dry, fine to coarse sand, friable, native soil.	–	10	30	60	–
			NONE			11							
						12	CL	~~clay~~ Fat Clay (CL), dark grayish brown (10YR 4/2), med stiff, moist, high plasticity clay	–	–	–	–	100
						13	SC	@12.5 Clayey Sand (SC), brownish yellow (10YR 6/6), loose, dry, fine sand, high plasticity clay, weak clay cement, no odors, ~~no stains~~, dark streaks native soil	–	–	–	65	35
						14	SP		–	–	–	100	–
						15		@13.5 Poorly Graded Sand (SP), brownish yellow (10YR 6/8), loose, dry, fine sand, possibly weathered bedrock					
						16							
						17		@13.8 Sandstone, weathered.					
						18		TD=13.8', refusal on bedrock. Install vapor probes at 5.0-6.0, 12.5-13.8. Collect encores at 5.0-6.0 in case low-flow is encountered.					
						19							
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

5.0-6.0
12.5-13.8

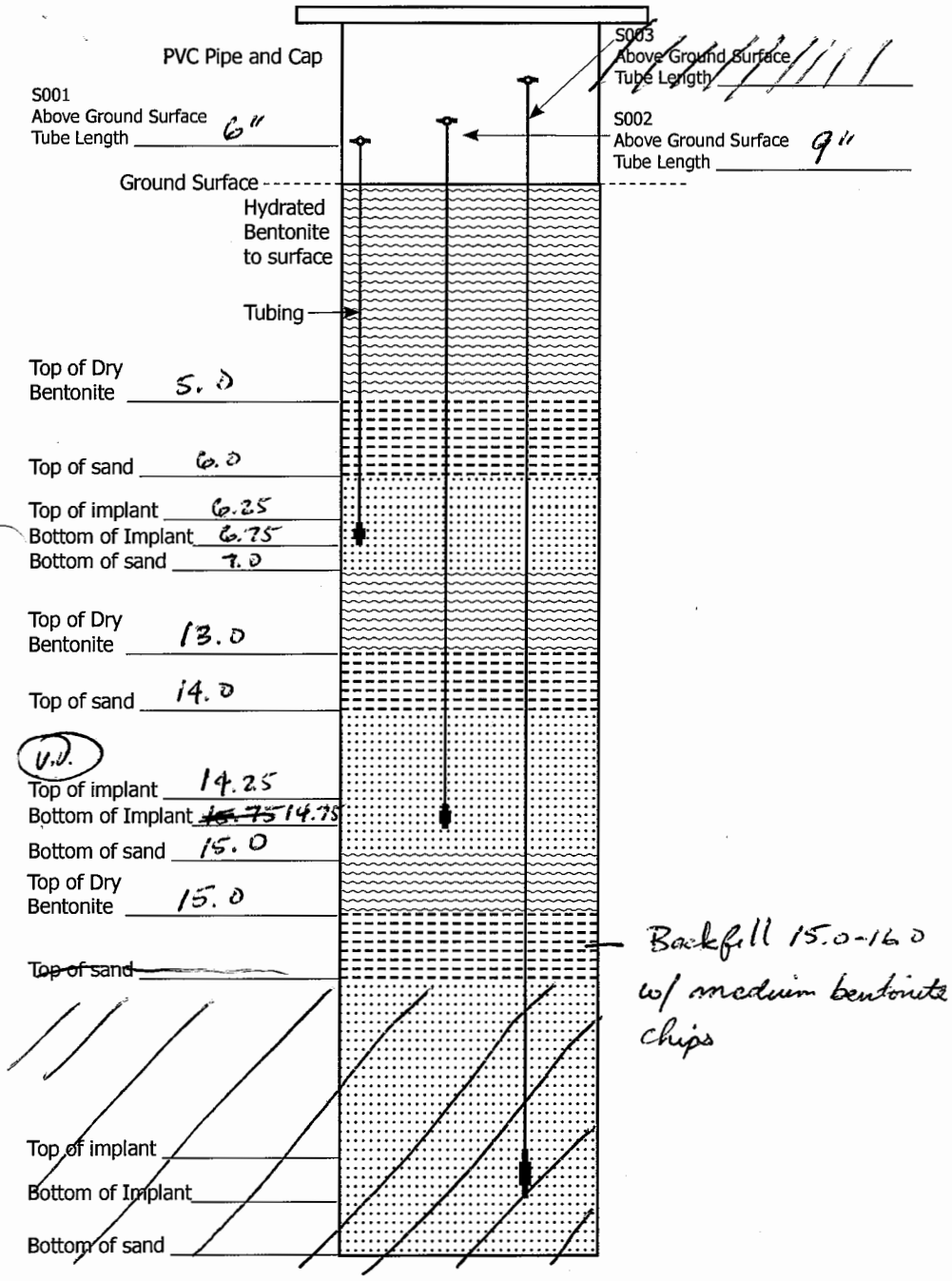
MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SDSV-DG-516
Site: 3A SD
Drilling Contractor: EST
Borehole TD: 16

Project: DOE Phase 3 SV DG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 1019 / 5-22-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

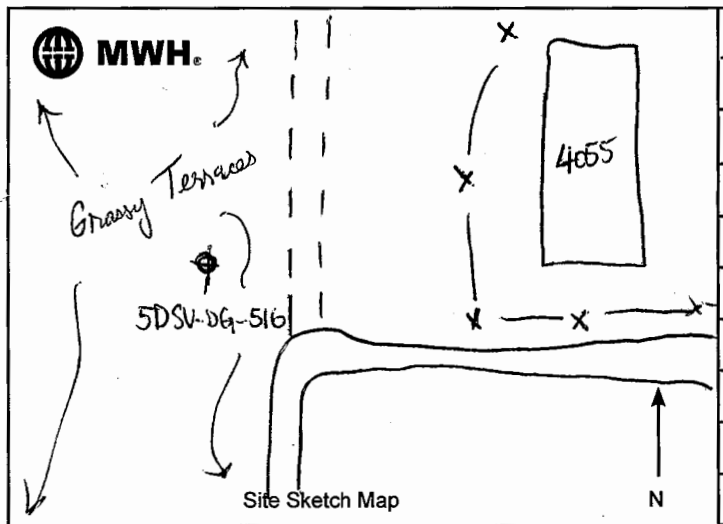
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5DSV-DG-516	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SASD
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 16.0
Drill Bit Type: Macrocore	(V.V.)
Drill Start Time/Date: 0903 / 5-22-14	Drill Finish Time/Date: 0955 / 5-~~24~~ 22-14
Soil Vapor ID: 5DSV-DG-516	Soil Boring Backfill Time/Date: N/A Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 10:19 / 5-22-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 6.0-7.0, 14.0-15.0	Surface Completion: Soil Vapor Probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Grass	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Silt (ML), light yellowish brown (10YR 6/4), stiff, dry, non-plastic silt, trace granitic gravel (fine), grass roots, no stains or odors, fill	TR	–	–	–	100/
		36"				1							
						2							
						3							
						4	CH	(V.V.) ~~Clay~~ Fat Clay (CH), brown (10YR 4/3), stiff, moist, medium to high plasticity clay, @ trace ~~interbedded~~ (V.V.) fine granitic gravel, fill	TR				
		40"				5							
						6	CL ~~SW-SC~~	@6'-6.25 Well Graded Sand w/ clay (SW-SC), brownish yellow (10YR 6/6), loose, dry, fine to coarse sand, med plasticity clay, weak clay cement, fill					
0.1						7	(V.V.) CH	@6.25 - Same as 4 ft.					
						8		@ 8' 1.5-inch granodiorite (?) gravel					
		30"				9							

QA/QC
Sur icial media boring log rev 2-25-2014

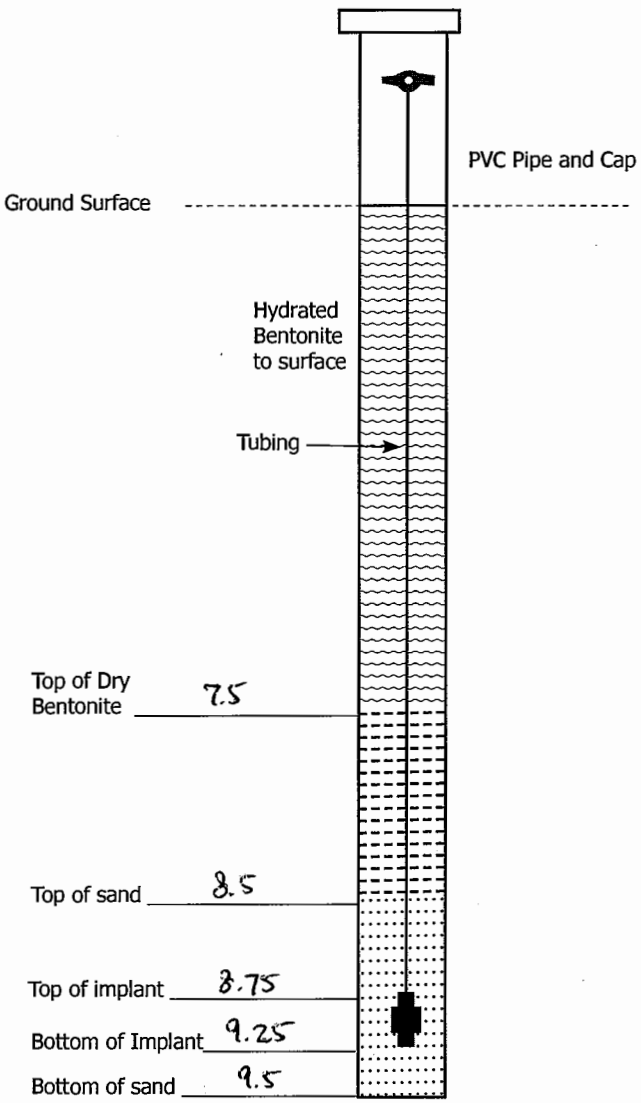
Boring ID: 5DSV-DG-516 Project: Phase 3 SV DG 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10							
						11	CL	Silty Clay (CL), dark yellowish brown (10YR 4/6), stiff, dry, medium plastic, clay and silt, native soil.	--	--	-	-	30/70
		36"	NONE			12							
						13							
0.0		24"	NONE			14	SM	Silty Sand (SM), light yellowish brown (10YR 6/4), loose, dry, fine sand, non-plastic silt, non-cemented, native soil	-	-	-	60	40
						15							
						16	BR	Weathered Shale - bedrock					
						17							
						18		TD=16.0 ft, refusal on bedrock. Install probes at 6.0-7.0 and 14.0-15.0. Backfill w/ medium chips to 15.0-16.0.					
						19							
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-519
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: 5D
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 9.5
Probe Completion Date/Time: 1300/5-22-14
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 3/8"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

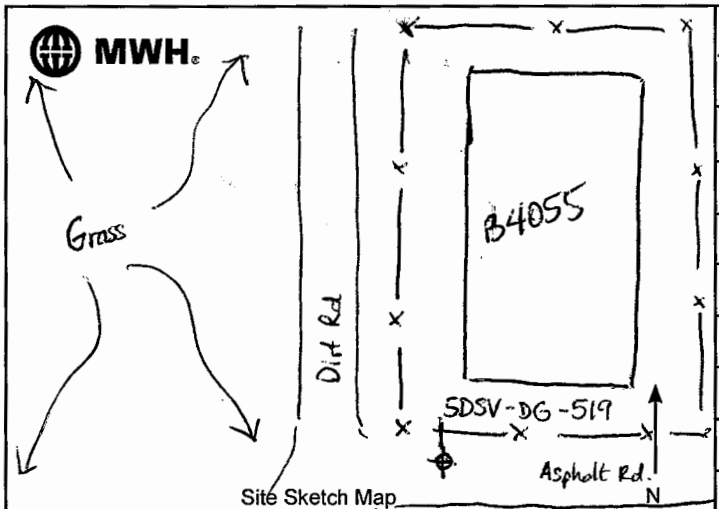
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SDSV-DG-519	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25	Total Depth (ft.bgs) 9.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1211 / 5-22-14	Drill Finish Time/Date: 1225 / 5-22-14
Soil Vapor ID: SDSV-DG-519	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1300 / 5-22-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 8.5-9.5	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description: 1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations

Surface Description: Asphalt

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		9" Asphalt					
						1	CL	Clay (CL), very dark gray (10YR 3/1), med. stiff, moist, medium plasticity clay, asphalt staining, faint asphalt odors, fill	-	-	-	-	/100
		48"	NONE			2							
						3		color changes to yellowish brown (10YR 5/4)					
0.0						4							
						5		trace gravel	TR	-	-	-	/100
		45"	NONE			6		color lightens to brownish yellow (10YR 6/6)					
						7	CL	Sandy Clay (CL), yellowish brown (10YR 5/4), med. stiff, dry, low plasticity clay & fine sand, white streaks (10YR 8/1), @8.5 Very dark gray (10YR 3/1) stains, no odor					
0.0						8							
						9			-	-	-	65	35
							Br	@9.0 ft Silty Sand (SM), v. pale brown (10YR 7/3), loose, dry, fine sand, silt, native					

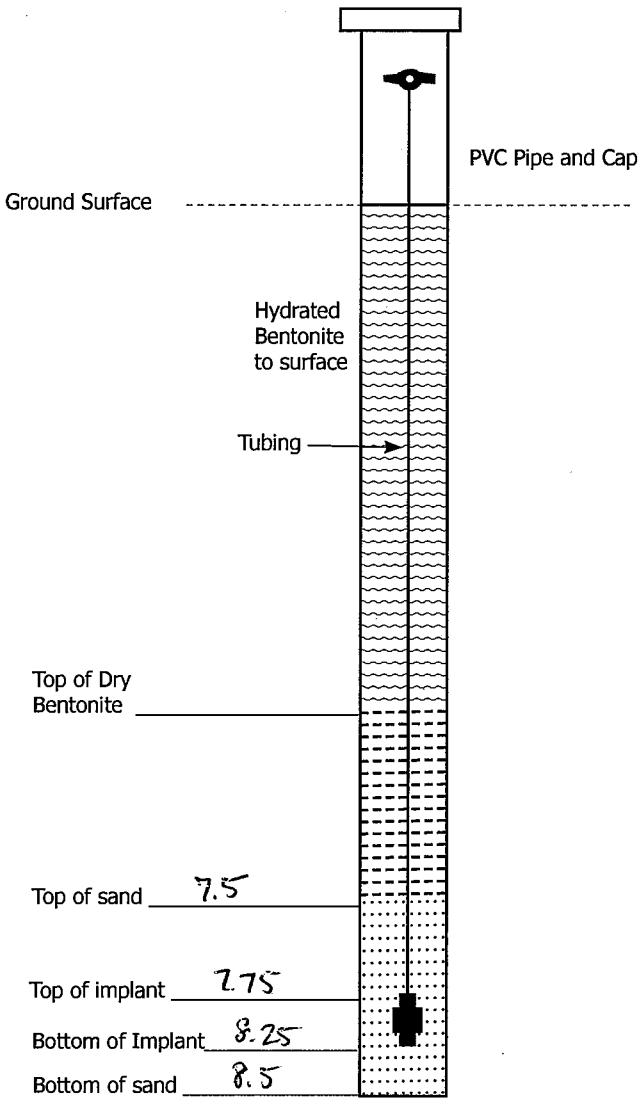
*TD = 9.5 ft. Refusal on bedrock. Install probe 8.5-9.5'

@9.5 Sandstone

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-526
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: 3A 5D
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 8.5
Probe Completion Date/Time: 0845/5-23-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

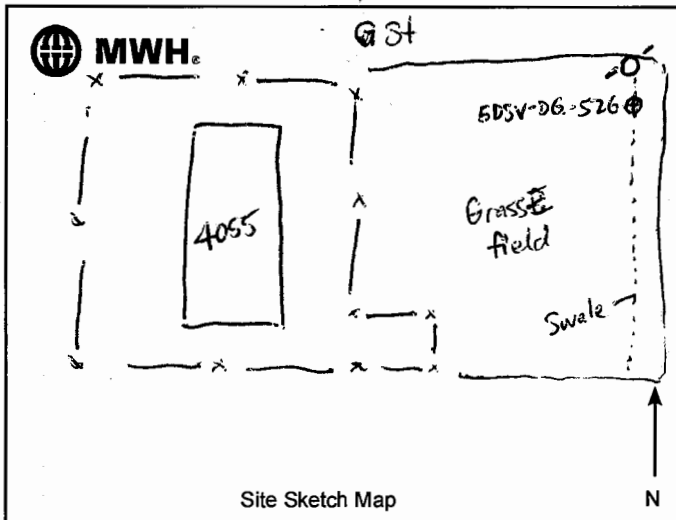
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 5DSV-DG-526	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: ~~A~~ UV Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 8.5		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0800 / 5-23-14	Drill Finish Time/Date: 0820 / 5-23-14		
Soil Vapor ID: 5DSV-DG-526	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 0845 / 5-23-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 7.5 - 8.5	Surface Completion: Vapor Probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

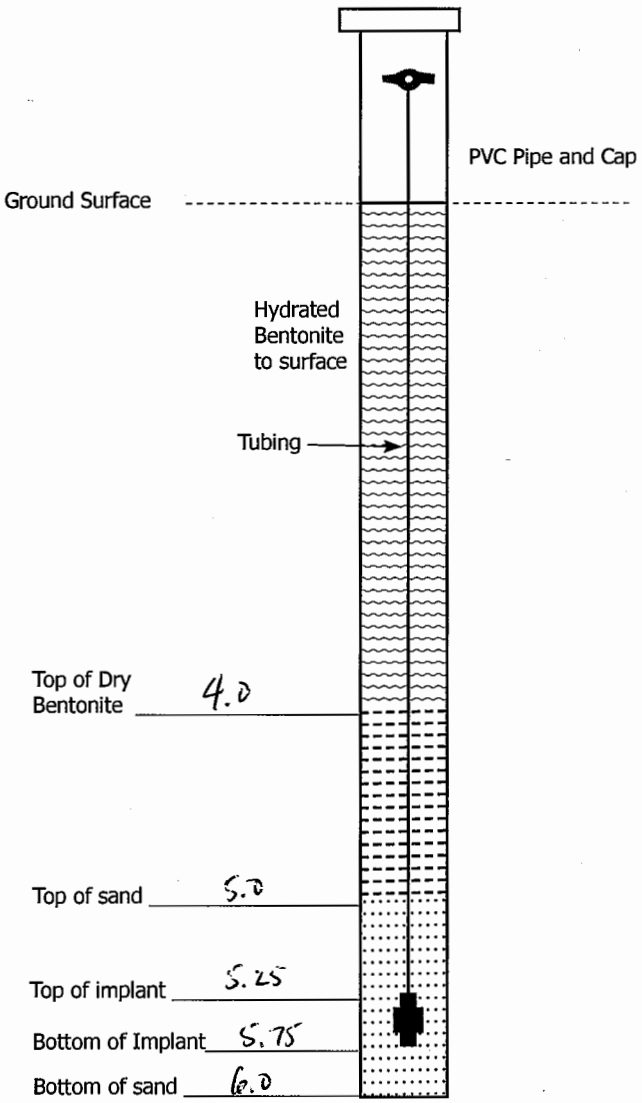
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Surface Description: N. flowing drainage swale Silt (ML), brownish yellow (10YR 6/6), stiff, dry, low plasticity (UV) silt, trace sand (disappears @ 0.5'), gravel deposits at the surface, roots, fill	TR	-	-	-	100/-
		36"	NONE			1							
						2							
						3		Grades w/ sand, color changes to yellowish brown (10YR 5/6)	-	-	-	15	85/
0.0						4							
						5							
		48"	NONE			6	CL	Silty Clay (CL), brown (10YR 5/3), stiff, slightly moist, low to med. plasticity clay, silt, white nodules of decomposing quartz or felspar, fill.	-	-	-	-	25/75
						7							
						8	SM	Silty Sand (SM), very pale brown (10YR 7/4) with brownish yellow staining (10YR 6/6), med stiff, dry, fine sand, non-plastic silt, native soil	-	-	-		
0.1		6"				9	Br						
		TD = 8.5', refusal on bedrock. Install probe 7.5 - 8.5											

@ 8.5' Sandstone

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-530
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SD
Reviewed by:
Logged by: V. Vatharasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 6.0
Probe Completion Date/Time: 1003 / 5-23-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

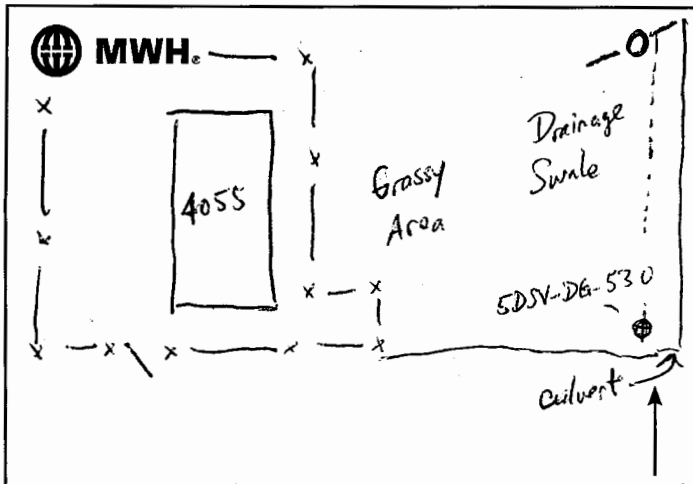
Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1



Site Sketch Map

Boring ID: 5DSV-DG-530	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 6.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0942 / 5-23-14	Drill Finish Time/Date: 0955 / 5-23-14
Soil Vapor ID: 5DSV-DG-530	Soil Boring Backfill Time/Date: N/A
Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1003 / 5-23-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 5.0 - 6.0	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Near culvert	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), brown (10YR 4/3), med. dense, dry, non-plastic silt, fine sand, grass roots, fill, no odors or stains	-	-	-	60	40/
		38"	NONE ✓			1		color changes to brownish yellow (10YR 6/6), loose					
0.0						2							
						3							
						4		w/ Sand					
		18"	NONE ✓			5	ML	Silt (ML), brownish yellow (10YR 6/6), soft, dry, non-plastic silt, fine sand, no odors or stains, fill.	-	-	-	30	70/
0.0						6	SM	Silty Sand (SM), yellowish brown (10YR 5/6), loose, dry, fine sand, non-plastic silt, native soil.	-	-	-	60	40
						7	Br	@6' Sandstone, weathered					
						8		TD = 6.0 ft, refusal on bedrock, install probe at 5.0-6.0					
						9							

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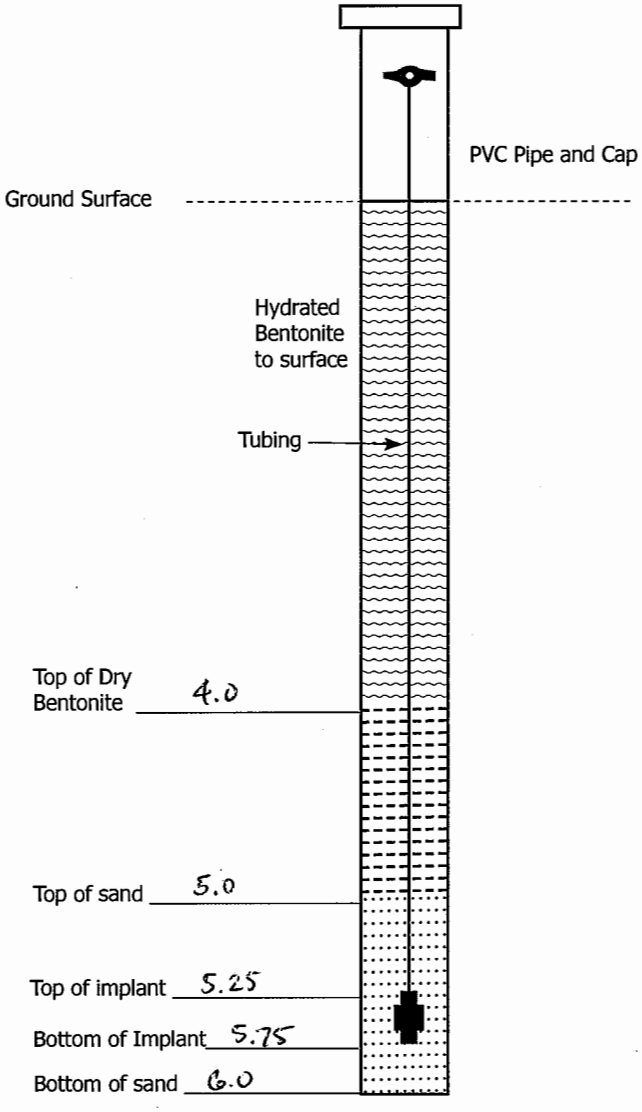
MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-531
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: 5D
Reviewed by:
Logged by: V. Vathanson
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400 / DP
Driller: Morgan Hughes
Borehole TD: 6.0
Probe Completion Date/Time: 0922 / 5-23-14
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: ~~1/4"~~ Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

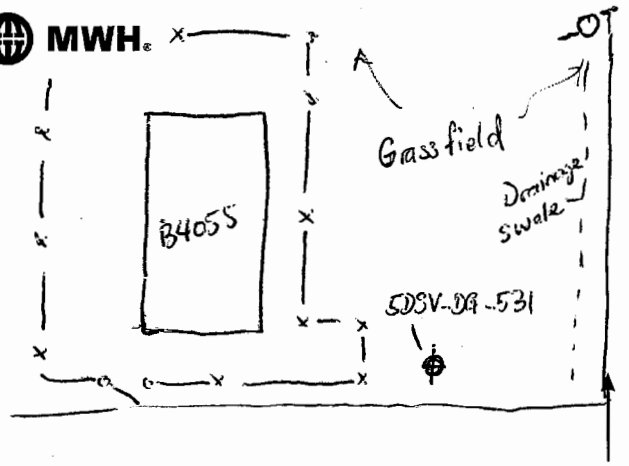
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.

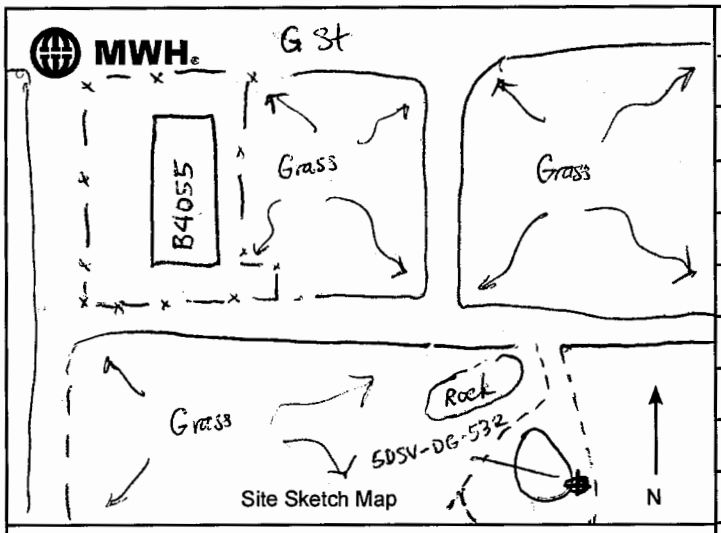


Site Sketch Map

Boring ID: 5DSV-DG-531	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vathanesin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 6.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0855 / 5-23-14	Drill Finish Time/Date: 0911 / 5-23-14
Soil Vapor ID: 5DSV-DG-531	Soil Boring Backfill Time/Date: N/A
Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 0922 / 5-23-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 5.0 - 6.0	Surface Completion: Soil Vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Surface Description: Grassy area E. of 4055 Silty Sand (SM), yellowish brown (10YR 5/4), loose, dry, fine sand, non-plastic	–	–	–	60	40/
		33"				1	ML	silt, no odors or stains, fill. @ 1.1' Silt (ML) with Sand, dark	–	–	–	15	85/
0.0						2		yellowish brown (10YR 4/4), stiff, dry, non-plastic silt, fine sand, no stains or odors, fill					
						3							
		24"				4		Grades to Sandy Silt, light yellowish brown (10YR 6/4), fill	–	–	–	30	70/
0.0						5	SM	Silty Sand (SM), brownish yellow (10YR 6/6),	–	–	–	60	40/
						6	Br	loose, dry, fine sand, non-plastic silt, native soil					
						7		@ 6' Sandstone, ~~refusal~~ weathered					
						8		TD = 6.0, refusal on ~~sandstone~~ bedrock, install probe @ 5.0 - 6.0					
						9							

MWH.



Site Sketch Map

Boring ID: SDSV-DG-532	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SASD
Logged By: V. Vatheraam	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 4.5'
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1255/5-27-14	Drill Finish Time/Date: 1320/5-27-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1331/5-27-14 Backfill Material: Soil cuttings.
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: Gravel ~~access~~ access road.					
	X					0	SM	Silty Sand (SM), dark yellowish brown (10YR 4/4), loose, dry, fine sand, non-plastic silt, no odors or stains, backfill,	-	-	-	65	35
		45"				1							
						2		@1.25' laminated appearance					
						3							
0.6						4		W.					
	X	6"	X		13:15			~~grades~~ grades to → color changes to (10YR 5/3) yellowish brown,	-	-	-	70	30
SVL-532-SASD-SB-4.0-4.5						5							
						6		TD= 4.5 ft bgs. Refusal on bedrock, no probes installed; collect soil sample ~~4.5-5~~ 4.0-4.5 ft bgs.					
						7							
						8							
						9							

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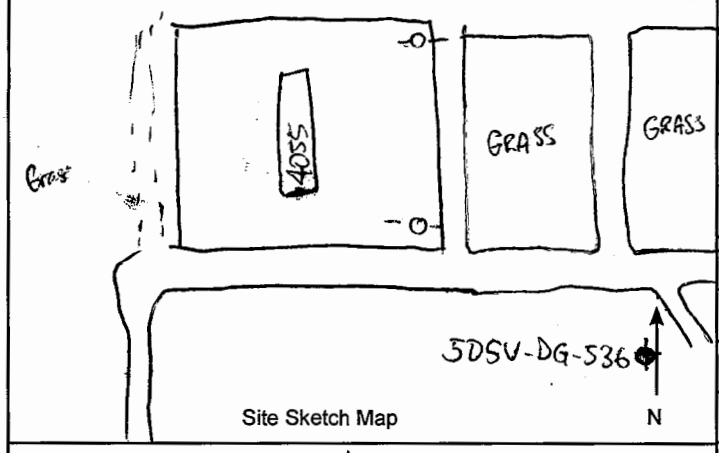


Site Sketch Map

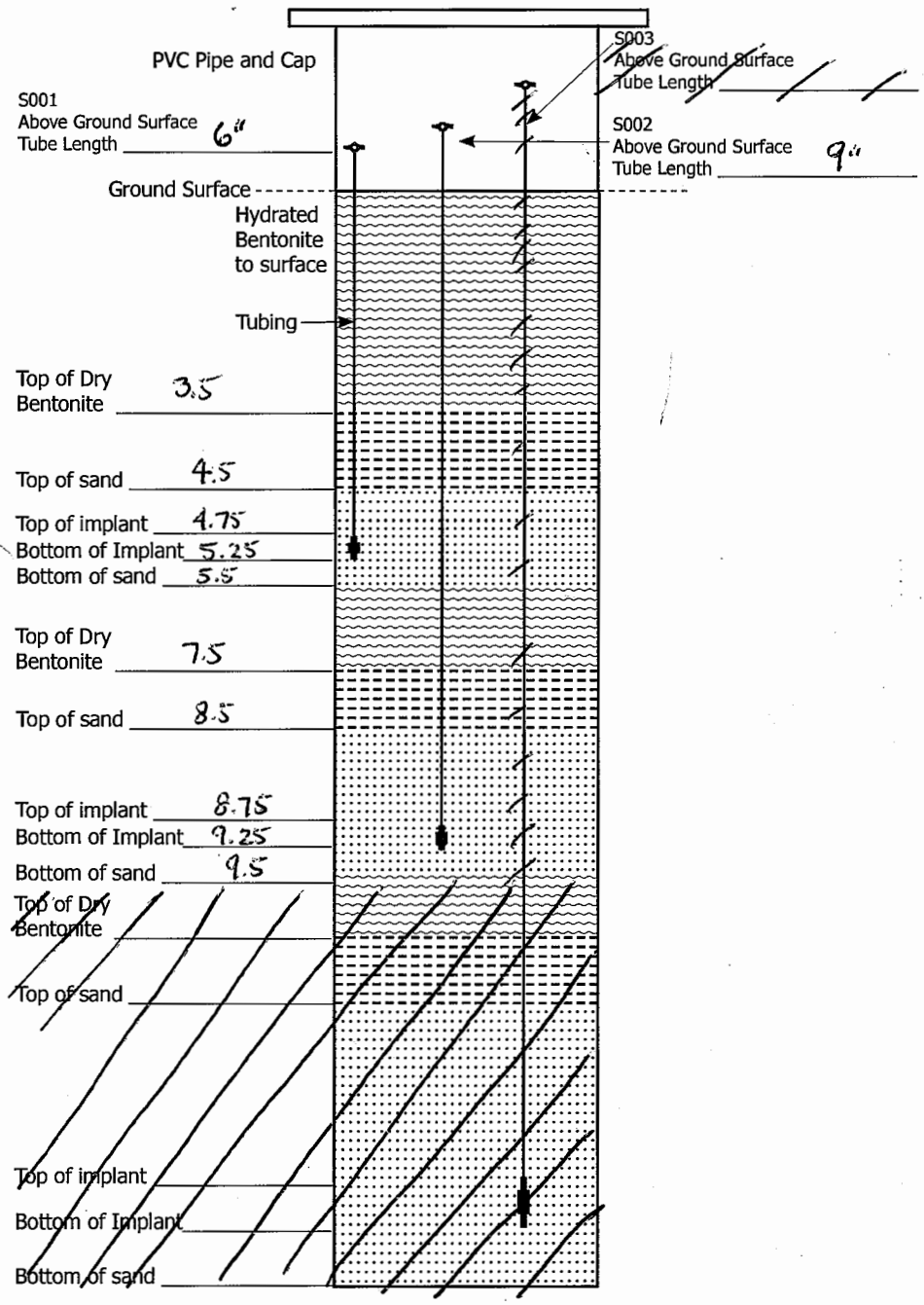
Boring ID: 5DSV-DG-536	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vatharasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 2.3
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1041 / 5-23-14	Drill Finish Time/Date: 1050 / 5-23-14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1105 / 5-23-14
	Backfill Material: Soil cutting
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: Backfilled w/ soil
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X					0	SM	Surface Description: Grass covered hummocky area.					
		27"				1		Silty Sand (SM), yellowish brown (10YR 5/4), loose, dry, fine sand, non plastic silt, animal burrows, grass, fill.	–	–	–	60	40
0.0			☒		10:54	2		@ 1.1 ft, color changes to yellow (10YR 7/6), native soil.					
SV2-536-SA5D-SB-1.8-2.3						3		@ 2.3 ft Shale.					
						4		TD = 2.3 ft, refusal on bedrock. Collect encores at 1.8-2.5 ft.					
						5							
						6							
						7							
						8							
						9							

MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-539
Project: Phase 3 DoE SVDG
Job #: 10503982
Site: SASD
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 9.5
Borehole Diameter: 8.25"
Probe Completion Date/Time: 1201/5-23-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Comex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

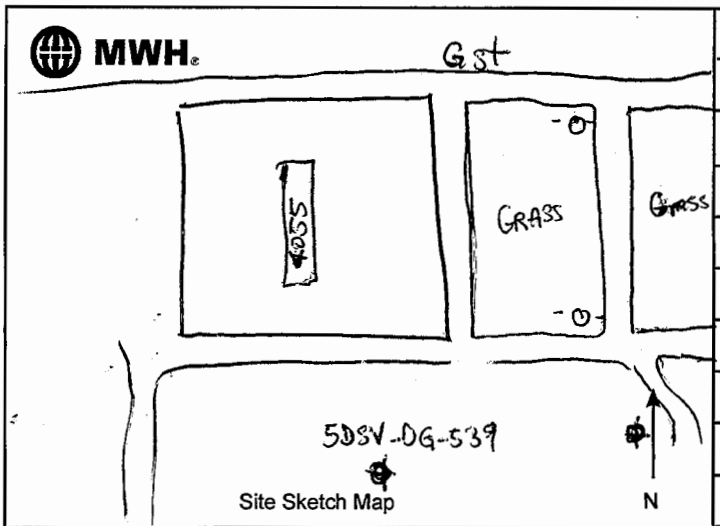
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5DSV-DG-539	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 9.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1125 / 5-23-2014	Drill Finish Time/Date: 1145 / 5-23-2014
Soil Vapor ID: 5DSV-DG-539	Soil Boring Backfill Time/Date: N/A
Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1201 / 5-23-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5, 8.5-9.5	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description:	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM-GW	Silty Sand w/ Gravel (SM-GW), dark yellowish brown (10YR 4/4), loose, dry, fine sand, non plastic silt, fine angular gravel, fill	5	–	–	55	40
		34"	NONE			1–2	ML		5	–	–	30	65
		~~48"~~	V.V			2–3		Silt w/ sand and gravel (ML), dark yellowish brown (10YR 4/4), med stiff, dry, silt and fine sand, fine gravel, fill 5.5-6.0 (V.V.)	–				
						4–5	GW	~~@5-6.0~~ Well Graded Gravel (GW), light gray (10YR 7/1) to grayish brown (10YR 5/2), friable, dry, fine to coarse gravel with sandy matrix, fill	70 ~~GW~~	20	10	5	
		48"	NONE			5–6							
						6–7	SM	Silty Sand (SM), yellowish brown (10YR 5/6), loose, dry, fine sand, low-plasticity silt, possibly native soil, light gray weathering (10YR 7/2) streaks.	–	–	–	60	40
		18"	NONE			8–9							
@3						9		TD = 9.5, Refusal on bedrock, set probes at 4.5-5.5 and 8.5-9.5					
							Br	@ 9.5 -- Sandstone, weathered					

4.5-5.5

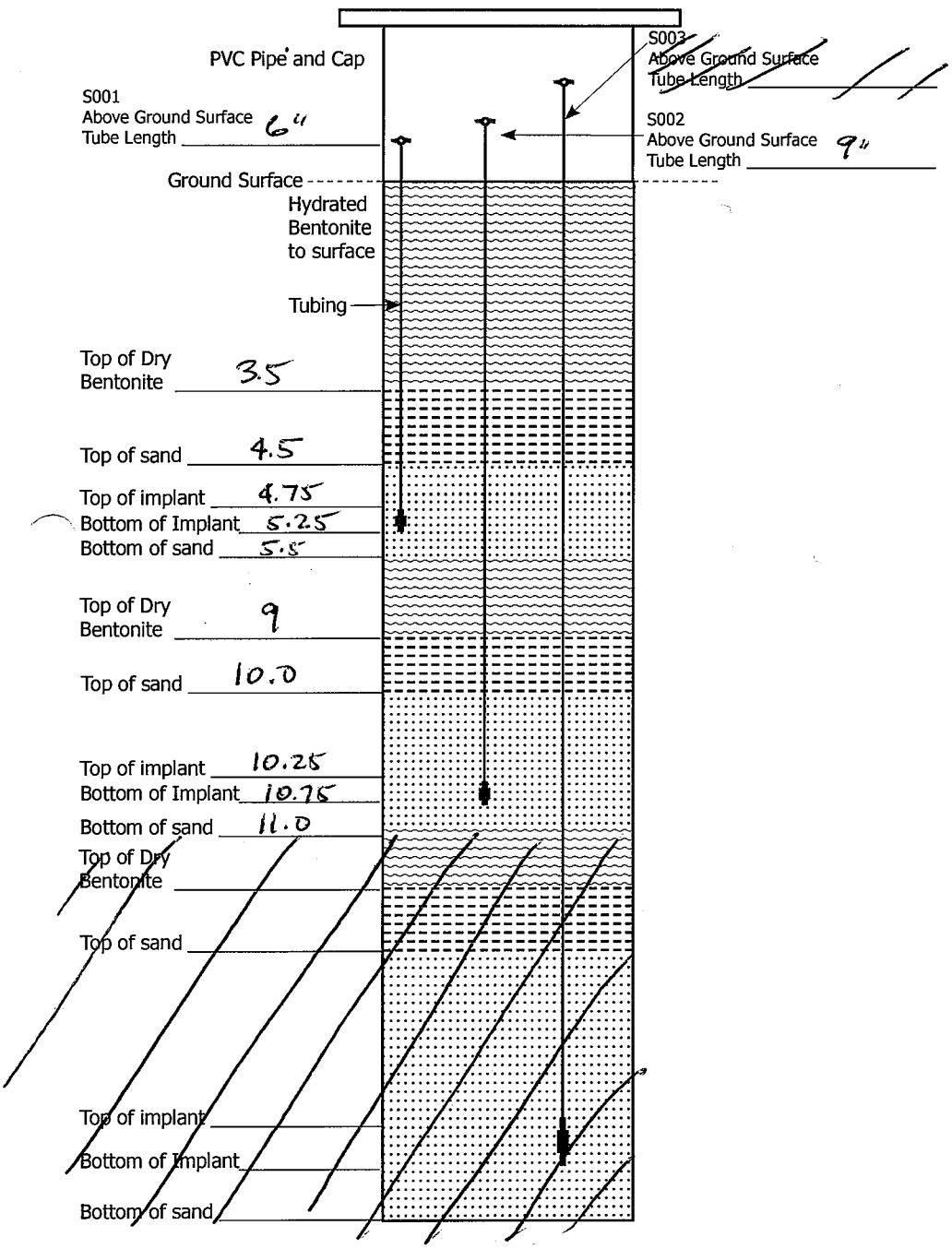
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5D3V-DG-544
Site: ~~3A5D~~ (V) 5D
Drilling Contractor: EST
Borehole TD: 11.0

Project: Phase 3 DOI SVDG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400/DP
Probe Completion Date/Time: 1205/5-22-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

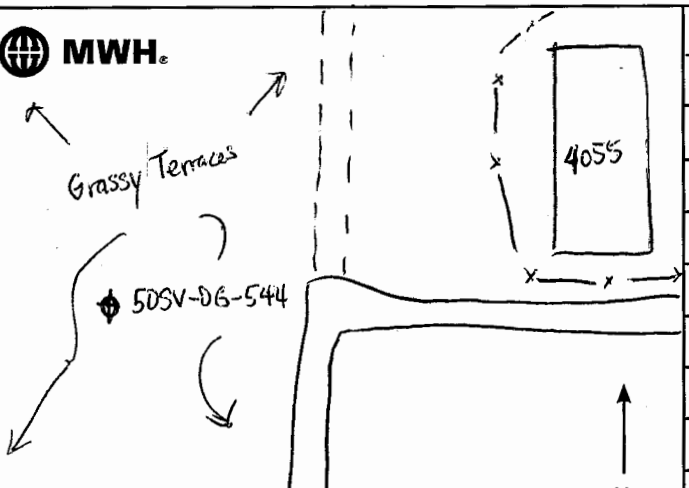
Type: #8 ~~Cet~~
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 5DSV-DG-544	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 5D
Logged By: V. Vathanam	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 11.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1130 / 5-22-14	Drill Finish Time/Date: 1150 / 5-22-14
Soil Vapor ID: ~~8~~ 5DSV-DG-544	Soil Boring Backfill Time/Date: N/A Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1205 / 5-22-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5, 10-11.0	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Graded backfill	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Silt (~~SM~~ ML), yellowish brown (10YR 5/4), stiff, dry, non-plastic silt, some grass roots, no stains or odors, fill	–	–	–	–	100/
		45"	NONE			1							
						2	CL	Silty Clay (CL), pale brown (10YR 6/3), stiff, moist, low to medium plasticity clay, silt, no odors or stains, fill	–	–	–	–	40/60
						3	ML	Silt w/ Sand (ML), light yellowish brown (10YR 6/4), stiff, dry, non-plastic silt, fine sand, fill	–	–	–	15	85/
						4							
						5	CL	Clay (CL), brown (10YR 4/3), stiff, moist, medium plasticity clay, no stains or odors, fill					
		46"	NONE			6							
						7	ML	Sandy Silt (ML), yellowish brown (10YR 5/4), med. stiff, dry, low plasticity silt, fine to medium sand, no odors or stains, fill	–	–	10	25	65/
						8							
						9	SM	Silty Sand (SM), brownish yellow (10YR 6/6), loose, dry, fine sand, non-plastic	–	–	–	70	30/
		36"	NONE										

Con't next page →

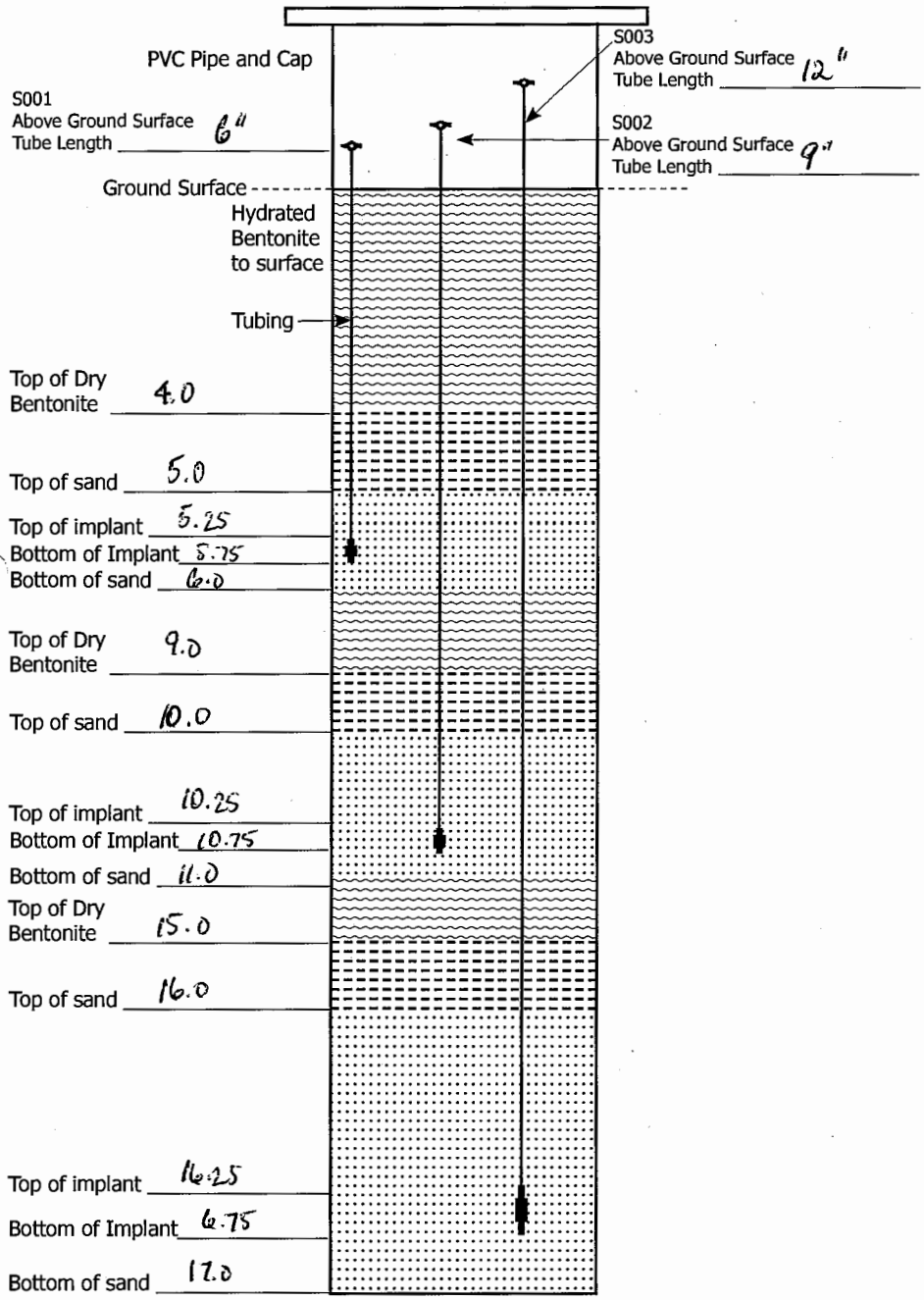
Boring ID: 5DSV-DG-544 Project: DOE Phase 3 DG SV 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10		→ silt, ~~[illegible]~~ yellowish brown (10YR 5/8)					
								iron staining, native soil					
						11	Br	Sandstone					
						12		TD = 11.0 ft. refusal on bedrock;					
								install vapor probes at 4.5-5.5					
						3		and ~~10.0~~ 10.0-11.0					
						4							
						5							
						6							
						7							
						8							
						9							
						0							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SDSV-DG-546
Project: DOE Phase 3 SV DG
Job #: 10503982
Site: SA 5D
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 17.0
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1145/5-27-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

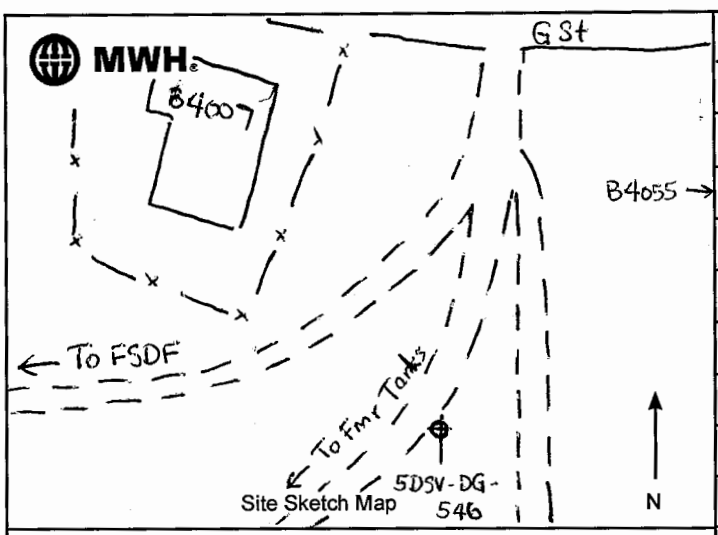
Hydrated Bentonite

Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2



Site Sketch Map

Boring ID: 5DSV-DG-546	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 7 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 17.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0955 / 5-27-14	Drill Finish Time/Date: 1121 / 5-27-14
Soil Vapor ID: 5DSV-DG-546	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1145 / 5-27-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 10.0-11.0, 16.0-17.0	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Adjacent to Gas ~~Pipe~~ Pipeline Rd	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Silt (ML), brown (10YR4/3), stiff, dry, non-plastic silt, few roots, white nodules, fill (reworked native soil), no odors or stains,	-	-	-	-	100/
		36"				1							
						2							
						3							
						4							
					11:03	5	CL	Clay (CL), very dark grayish brown (10YR 3/2), stiff, moist, medium plasticity clay,	-	-	-	-	/100
		48"	X		5.0-6.0	6							
		SVL	5460	SA5D	dashed line		CL	no dilatency, high strength & toughness, fill grades to Sandy Clay, fill - color changes to yellowish brown (10YR 5/6)	-	-	-	25	/100
						7							
						8		@8.5 grades with fine to coarse sand, ~~slightly~~ v.u. highly weathered sand fragments, fill {(light gray 10YR 7/2)}	-	10	10	15	/65
						9							

QA/QC
Surficial media boring log rev 2-25-2014

Boring ID: 5DSV-DG-546 Project: Phase 3 DOE SV DG 2014 Sheet 2 of 2

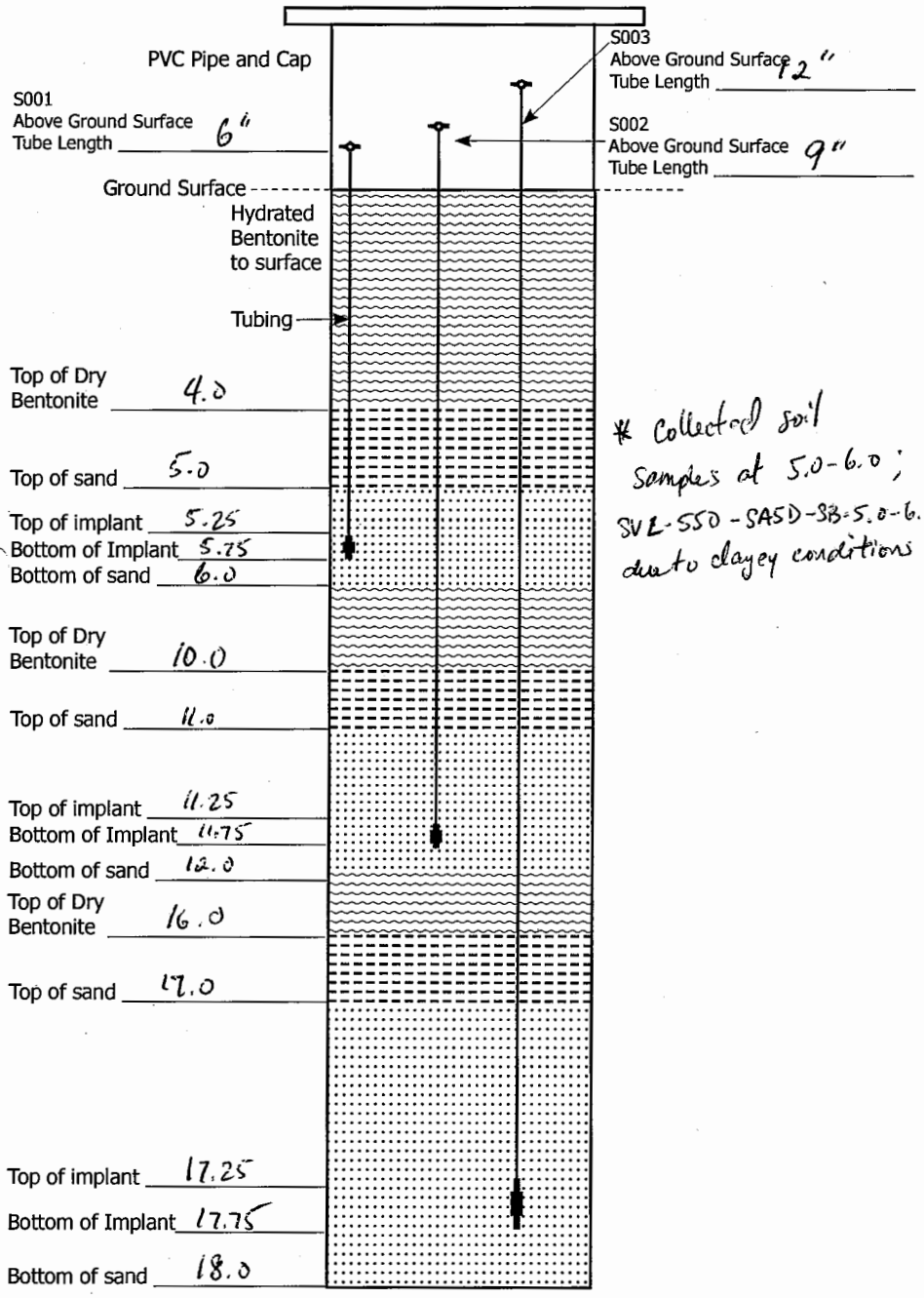
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Estimated % of Sand: Gravel	Coarse	Medium	Fine	Silt/clay
		48"				10							
						11		grades with fine gravel, angular, ~~mottled~~ of (V.V.) mottled (sp?) yellowish brown (10YR 5/4)					
						12		and very pale brown (10YR 8/3); fill					
		40"				13							
						14							
						15							
		18"				16	SM	Silty Sand w/ Clay (SM), light yellowish	-	-	-	65	20/15
						17	Br	brown (10YR 6/4), med. dense, dry, fine sand, silt, low plasticity clay, native soil					
						18		@ 17.0 Weathered Sandstone					
						19							
						20		TD = 17.0' Refusal on bedrock, install probes					
						1		at 5.0-6.0, 10-11.0, 16.0-17.0. Collect					
								excess at 5.0-6.0 due to clay-rich soil.					
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

5-6 16-17
10-11

MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-550
Project: Phase3 DOE SVDG 2014
Job #: 10503982
Site: 3A 5D
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 18.0
Borehole Diameter: 2.25"
Probe Completion Date/Time: 09:30/5-27-14



* Collected soil samples at 5.0-6.0; SVL-550-SA5D-SB-5.0-6.0 due to clayey conditions

Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

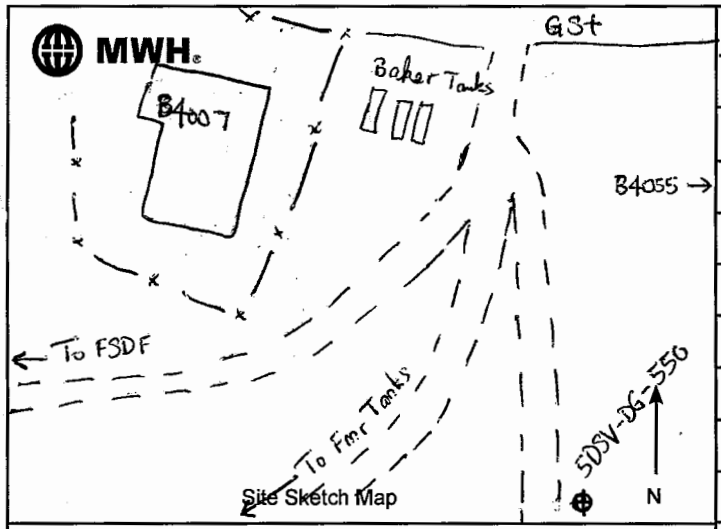
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

5DSV-DG-550



Site Sketch Map

Boring ID: ~~SVDG~~	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes.		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25	Total Depth (ft.bgs) 18.0'		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0803/5-27-14	Drill Finish Time/Date: 0851/5-27-14		
Soil Vapor ID: 5DSV-DG-550	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date:	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 11.0-12.0, 17.0-18.0 (V.V)	Surface Completion: Soil vapor probes.		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), dark yellowish brown (10YR 4/4), med. dense, dry, fine sand, non-plastic silt, roots, no staining, no odors, fill.	-	-	-	60	40/
		31"				1	ML	Silt (ML), yellowish brown (10YR 5/4), med. stiff, dry, low-plasticity silt, white weathering fractures, no odors, fill	-	-	-	-	100/
						2							
						3							
0.0						4	CL	Clay w/Silt (CL), dark yellowish brown (10YR 4/4), stiff, slightly moist, low to medium plasticity clay, silt, possibly native soil, ~~no stains~~ (V.V.) no odors, white chemical weathering stains,					
		48"			0802	5							
						6							
		SVL-550-SA5D-SB-5.0-6.0				7							
0.0						8	CL	~~Clay~~ Sandy Clay (CL), dark yellowish brown (10YR 4/6), soft, dry, low plasticity clay, fine sand, slight oxidation (yellowish brown (10YR 5/8), native soil, no odors.					
						9							
						10							

cont page 2.

Boring ID: 5DSV-DG-550 Project: Phase 3 DOE SV DG 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		48"				10							
						11							
						12							
		48"				13							
						14							
0.0						15							
						16	SC	Clayey Sand (SC), yellowish brown (10YR 5/6), loose, dry, fine to med sand, medium plasticity clay, weak clay cement, native soil.	-	-	15	50 ~~65~~	35
		24"				17							
0.0						18	Br	Bedrock - Sandstone, weathered.					
						19							
						20		TD = 18'. Refusal on sandstone bedrock, install probes at 5.0-6.0, 11.0-12.0, and 17.0-18.0. Collect encores at 5.0-6.0 for potential low flow conditions.					
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

5-6 17-18

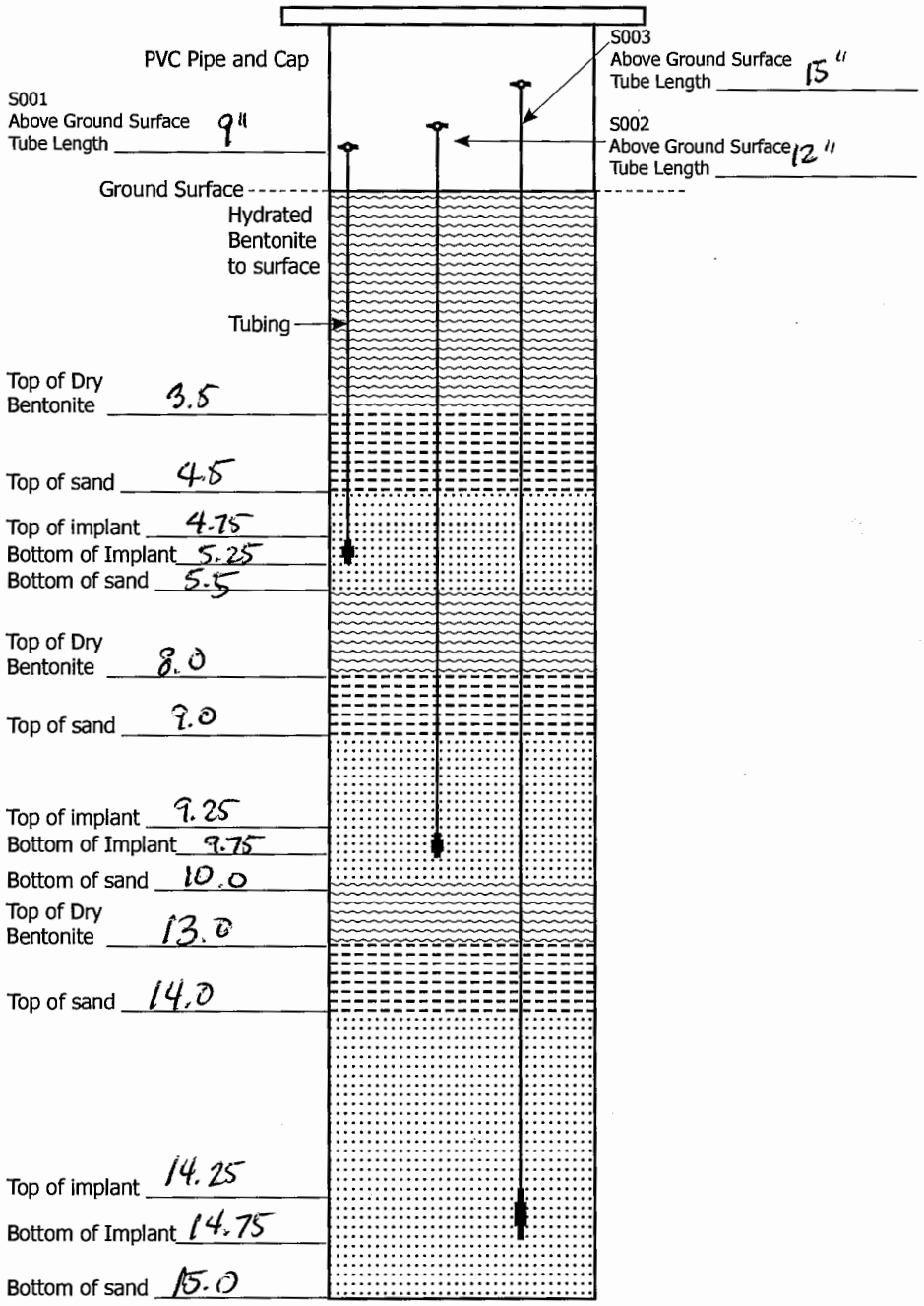
MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SDSV-DG-553
Site: SD
Drilling Contractor: EST
Borehole TD: 20.0

Project: Phase 3 DOE SV DG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400/DP
Probe Completion Date/Time: 1300/6-3-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

Type: #8
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

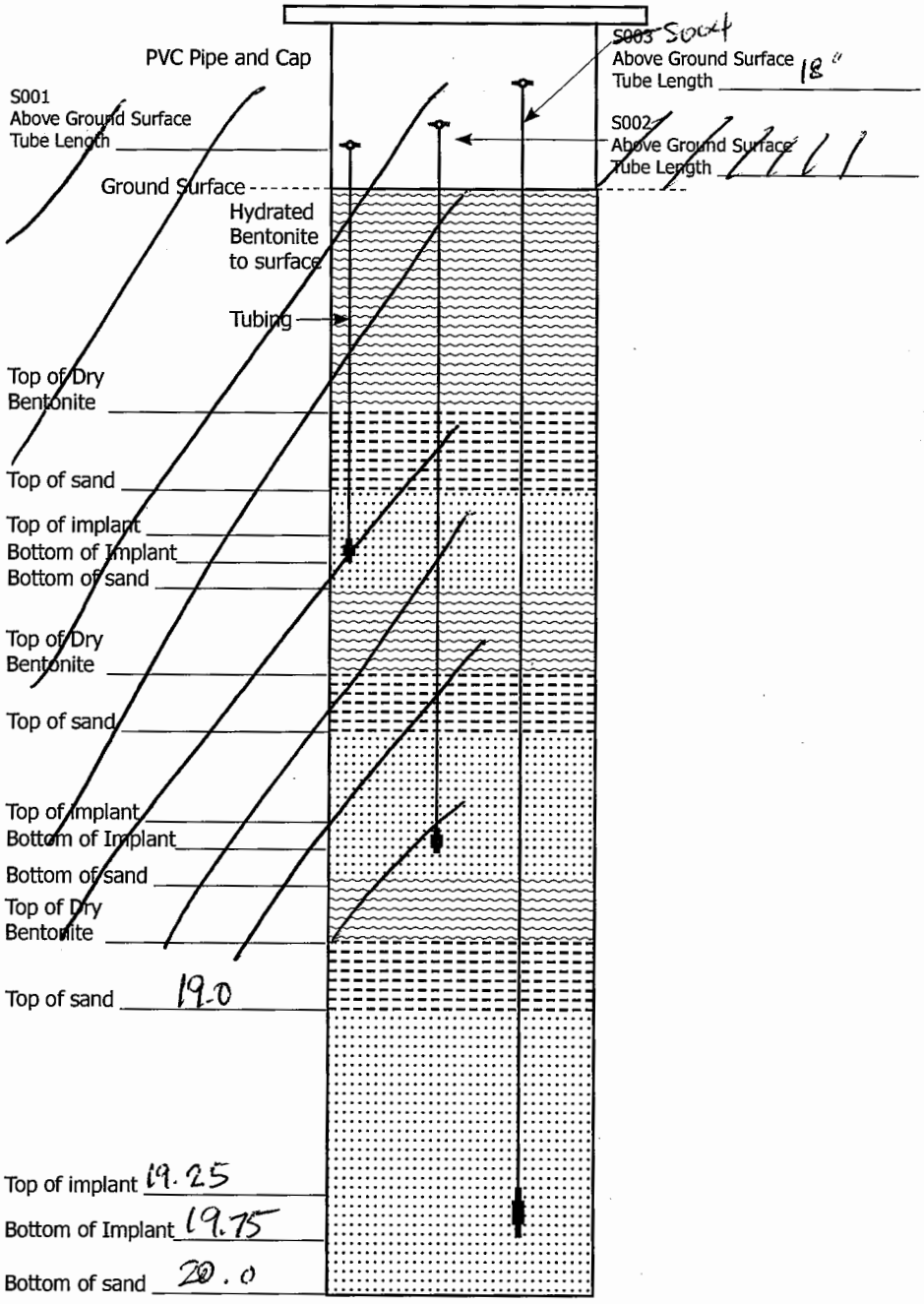
MWH.

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-553
Site: 5D
Drilling Contractor: EST
Borehole TD: 20.0

Project: Phase 3 DOE SV DG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 1300 / 6-3-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

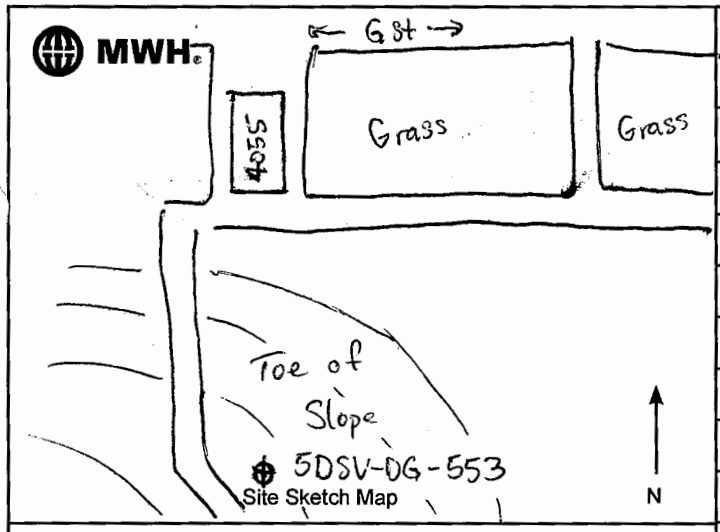
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH



Site Sketch Map

Boring ID: 5DSV-DG-553	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5460 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 20.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1053 / 6-3-14	Drill Finish Time/Date: 1140 / 6-3-14
Soil Vapor ID: 5DSV-DG-553	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1300 / 6-3-14	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5, 9.0-10.0, 14.0-15.0, 19.0-20.0	Surface Completion: Soil vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: NE facing Slope, Grassy	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), dark yellowish brown (10YR 4/4), loose, dry, fine sand, non-plastic silt, roots, fill	-	-	-	60	40
		36"				1							
						2	ML	Silt w/ Sand (ML), brown (10YR 4/3), medium stiff, dry, low-plasticity silt, fine sand, fill	-	-	-	15	85
0.0						3							
						4							
			☒		12:03	5	CL	Clay (CL), dark yellowish brown (10YR 4/4), med. stiff, moist, med. plasticity clay, no odors, few white nodules (decomposed feldspar), native soil	-	-	-	-	100
		48"				6							
						7							
						8							
		48"	☒			9							
0.0					12:10								

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Boring ID: 5DSV-DG-553 Project: Phase 3 DOE Soil Vapor Data Gap Sheet 2 of 2

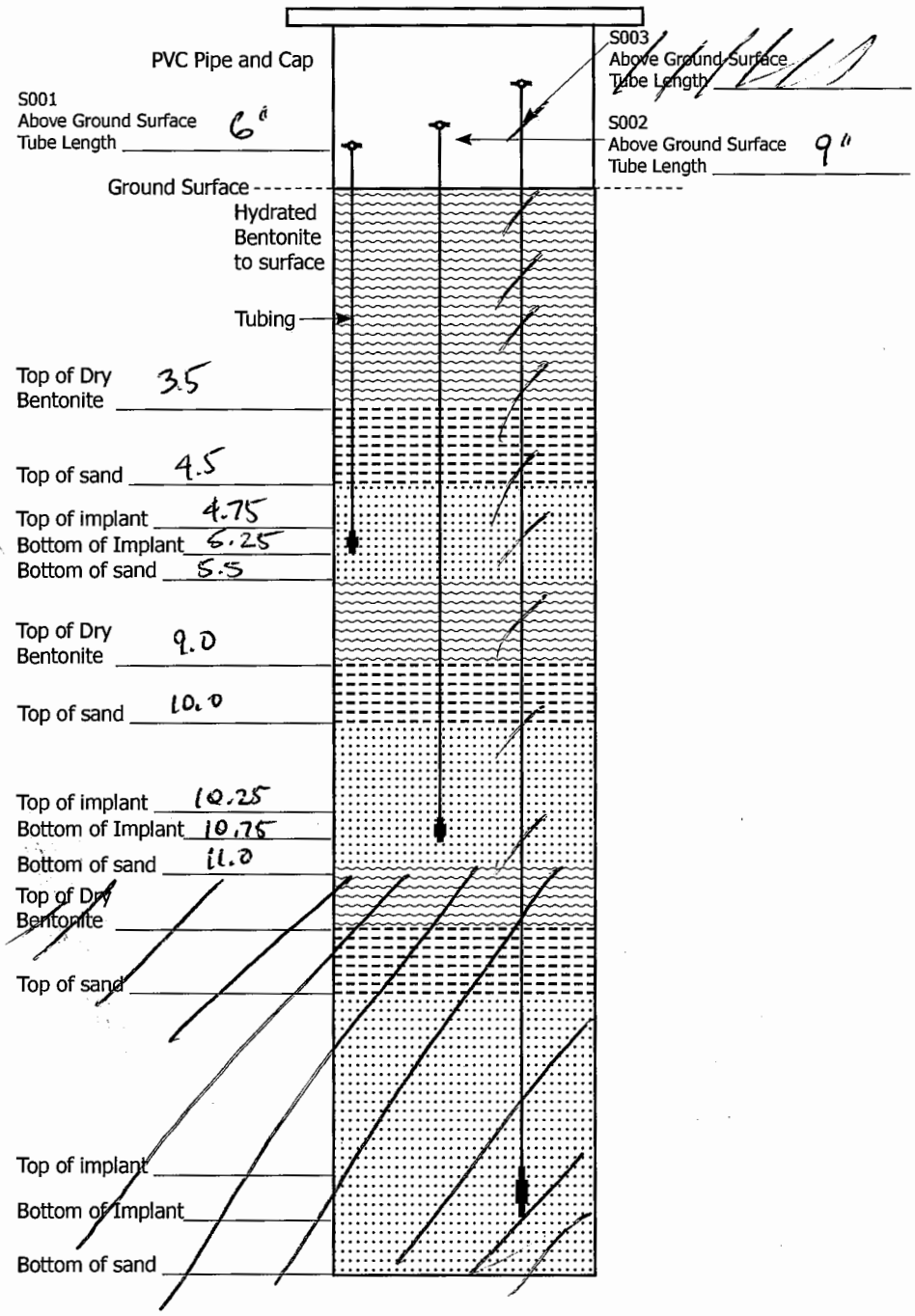
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10	CL						
						11							
						12							
						13							
0.0		45"				14							
					12:15	15		@15' dark yellowish brown (10YR 4/4) staining (streaks), no odors.					
						16		Grades with sand.	–	–	–	15	85
						17							
		48"				18							
						19							
0.0					12:22	20	Br	Weathered bedrock, sandstone					
						21							
						22		TD = 20.0; refusal on bedrock, install vapor probes at 4.5-5.5, 9.0-10.0, 14.5-15.5, and 19.0-20.0					
						23							
						24		Collected encores at 4.5-5.5, 9.0-10.0, 14.0-15.0, and 19.0-20.0 due to potential low-flow conditions					
						25							
						6		Note: Moved location ~3 ft east to "safer" conditions. Proposed location is too steep for rig.					
						7							
						8							
						9							

4.5-5.5, 9-10, 14-15, 19-20

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 5DSV-DG-556
Project: Phase 3 DOE SVDG
Job #: 10503982
Site: SA SD
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400/DP
Borehole TD: 12.0
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1420/5-3-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

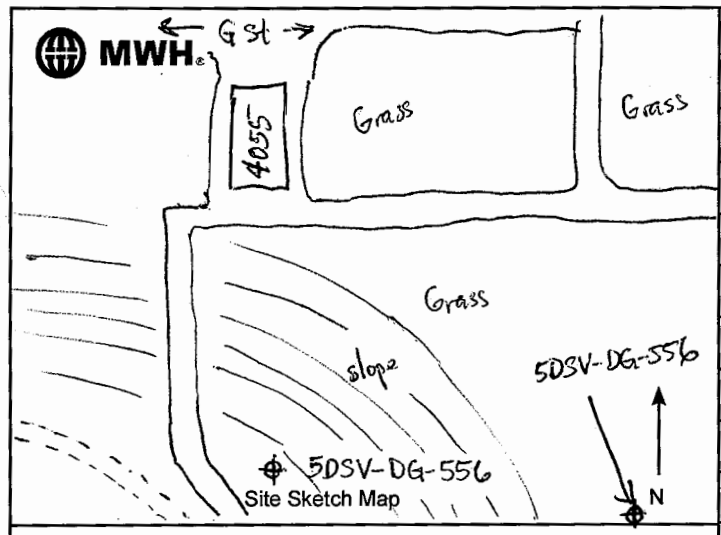
Hydrated Bentonite

Type: #8
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2



Site Sketch Map

Boring ID: 5DSV-DG-556	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 5D
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 12.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1325 / 6-3-14	Drill Finish Time/Date: 1355 / 6-3-14
Soil Vapor ID: 5DSV-DG-556	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1420 / 6-3-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5, 10.0-11.0	Surface Completion: Soil Vapor probes
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Veg Cleared, @ foothills	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	~~SM~~ SM	Silty Sand (SM), brown (10YR 4/3), loose, dry, fine sand, non-plastic silt, few grass roots, fill, no stains or odors.	-	-	-	60	40
		36"				1							
						2		grades to med. stiff; color changes to dark yellowish brown (10YR 4/4), fill					
						3							
0.0						4	ML	Silt (ML), dark yellowish brown (10YR 4/4) w/ yellow (10YR 7/6) weathering, med. dense, dry, non-plastic silt, native soil	-	-	-	-	100
					14:00	5							
		48"		SV-556-SA5D		4.5-5.5							
						6							
						7							
0.0						8							
						9							
		36"				10							

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Boring ID: SDSV-DG-556 Project: Phase 3 DOE SV DG Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X		X		14:08	10	CL	Clay (CL), light yellowish brown (10YR6/4), soft, dry, low to medium plasticity clay, native, likely weathered shale.					100
0.0	X	12"		SASD 556	10-11	11	Br						
	SVL-556					12	Br	Shale, weathered.					
						13							
						14		TD = 12.0, drilled into bedrock. Backfill to 11.0 ft and set probes at 4.5-5.5 and 10.0-11.0 ft. Also collected encores due to tight soil conditions (clayey/silty).					
						15							
						16							
						17							
						18		4.5-5.5: 13 uR, 0.0 ppm, 44 cpm 10.0-11.0: 14 uR, 0.0 ppm, 55 cpm					
						19							
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

4.5-5.5, 10-11

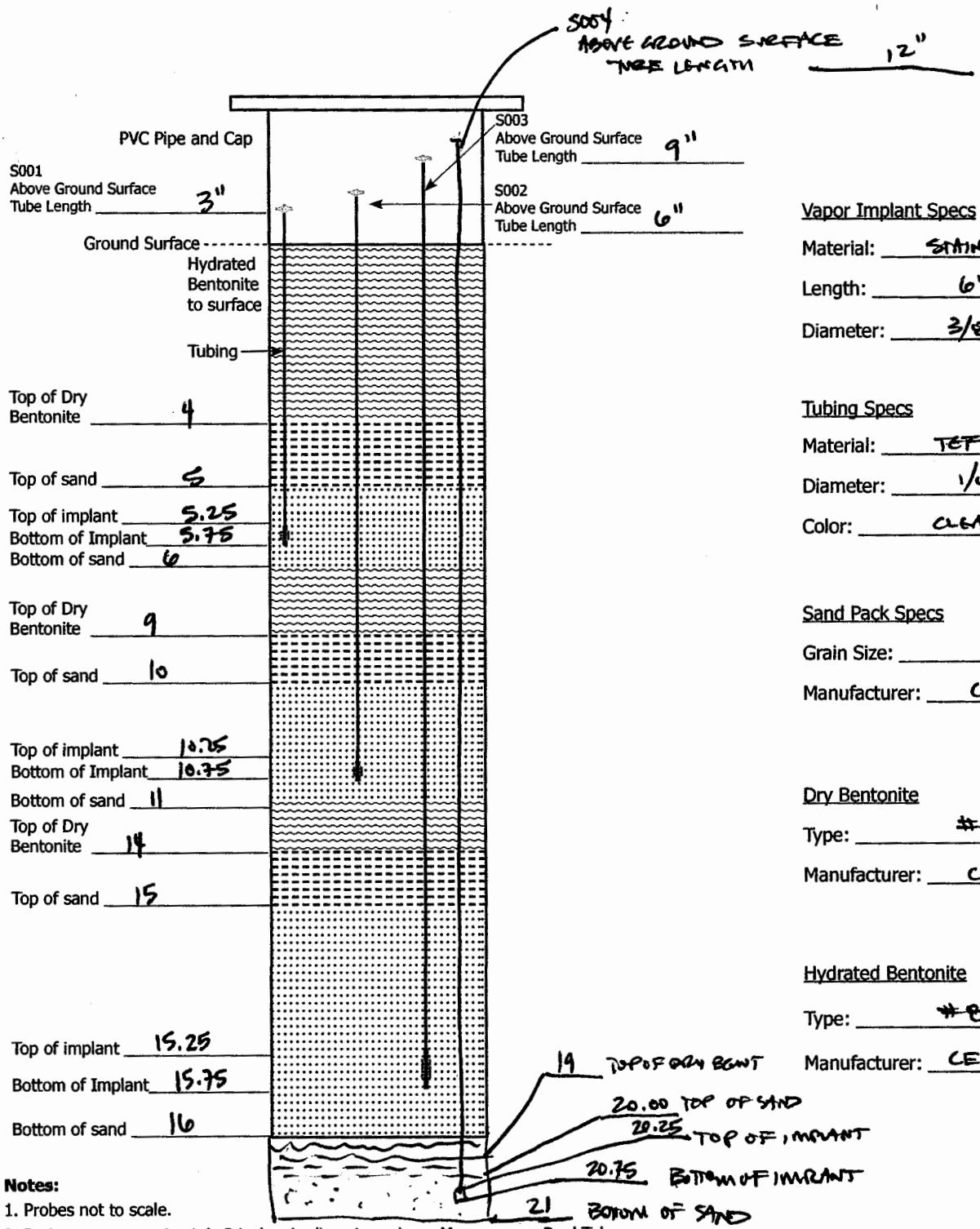
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: GSV-DG-509
Site: SA 6
Drilling Contractor: EST
Borehole TD: 21' BGS.

Project: Phase 3 DOE Data Gap Sampling 2014
Logged by: ADRON DAYNE
Driller: MARTIN KILHULLEN
Borehole Diameter: 2.25"

Job #: 10503982.3050105/10503982.3060105
Reviewed by:
Rig Type/Method: GEOPROBE 5400 / DP
Probe Completion Date/Time: 6/4/14 09:15



Vapor Implant Specs

Material: STAINLESS STEEL
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: TEFLON
Diameter: 1/4"
Color: CLEAR

Sand Pack Specs

Grain Size: #3
Manufacturer: CEMEX

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

Type: #8
Manufacturer: CETCO

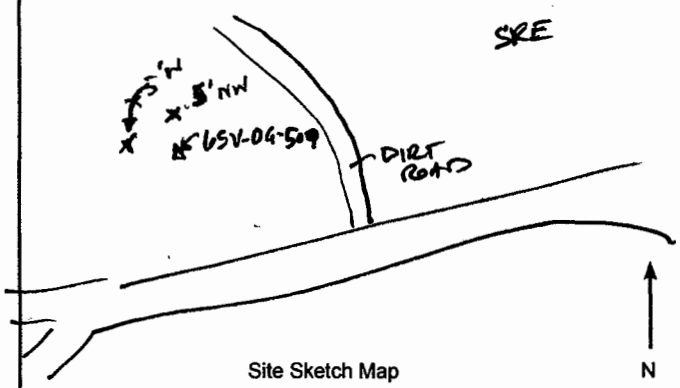
Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.

2-STEPOUTS:
- 5' NW
- 5' W



Site Sketch Map

Boring ID: GSV-DG-509	Sheet 1 of 2
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 6
Logged By: ANDREW RAYNE	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTIN KILMULLEN
Drill Rig Type/Method: GEOPROBE 5400 / DP	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25"	Total Depth (ft bgs)
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 0755 6/9/14	Drill Finish Time/Date: 0910 6/9/14
Soil Vapor ID: GSV-DG-509	Soil Boring Backfill Time/Date: / Backfill Material:
Soil Vapor Well Completion Time/Date: ~~0915~~ 0915 6/9/14	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 5, 10, 15, 20 (5-6, 10-11, 15-16, 20-21)	Surface Completion: SOIL VAPOR PROBE
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: CONCRETE/WEATHERED BR? ☒ Bedrock ☒ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations; Surface Description:	Gravel/Pebbles	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		SILTY SAND (SM) DRY TO SLT. MOIST, YELLOWISH BROWN (10YR 5/4) TO DARK YELLOWISH BROWN; LOOSE FINE TO CS SAND, SA TO SR, DEBRIS, CONCRETE, ASPHALT, v. SM W/ GRAVEL/DEBRIS.	15	15	25	25	20
		48"	—	N/A NONE		1							
						2		FILL MATERIAL; SOME GREY (10YR 6/1) AND WHITE (10YR 8/1) CONCRETE, DARK GRAYISH BROWN SOIL NEAR ASPHALT (10YR 4/2). 0.0 PPM ON PID. v15% DEBRIS.					
						3							
						4		SAA (SM) - FILL	15	15	25	25	20
						5							
		48"	—	N/A NONE		6							
						7							
						8		SAA (SM); MOD DENSE TO LOOSE. -FILL; INCREASE CONCRETE/ASPHALT DEBRIS TO 20%.	20	10	25	25	20
						9							
		48"											

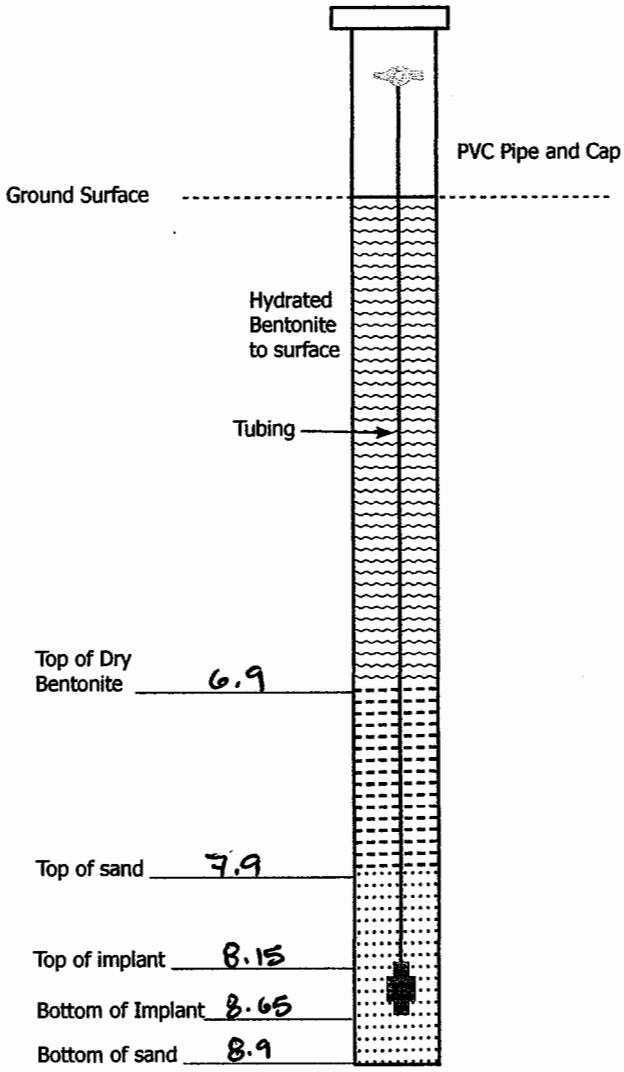
Boring ID: GSV-DG-509 Project: SOIL VAPOR PROBE INSTALLATION Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description FILL TO 21' (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel/Debris	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0		48"	—	N/A NONE	—	10		SAA (SM); INCREASE ASPHALT/CONCRETE TO 20%. -FILL	20	10	25	25	20
						11							
						12		SAA (SM); MED. DENSE TO LOOSE. -FILL	10	15	35	25	20
0.0		24"	—	N/A NONE	—	13							
						14							
0.0		24"	—	N/A NONE	—	15							
						16		SAA (SM); MED DENSE.	10	15	35	25	20
						17							
0.0		48"	—	N/A NONE	—	18							
						19							
						20							
0.0		12"	—	N/A NONE		21		SAA (SM); PIECES OF GRAVEL ~ 1/4"-1/2" DIA.; POTENTIAL LETHO BEDROCK @ 21' BGS COULD ALSO BE GRAVELLY PIECES BROKEN UP BY DP. RIG.	10	15	35	25	20
						22							
						23		TD = 21' REFUSAL @ 21' ON GRAVEL DEBRIS OR POTENTIAL BEDROCK/LITHOGRID.					
						24		-INSTALL NESTED PROBES 20-21, 15-16, 10-11, 5-6 @ 0915.					
						5							
						6							
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: GSV-DG-515
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SA 6
Reviewed by:
Logged by: ANDREW PAYNE
Drilling Contractor: EST
Rig Type/Method: GEOPROBE 5400 / D.P.
Driller: MARTIN KILHULLEN
Borehole TD: 8.9'
Probe Completion Date/Time: 6/9/14 1130
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: STAINLESS STEEL
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: TEFLON
Diameter: 1/4"
Color: CLEAR

Sand Pack Specs

Grain Size: #3
Manufacturer: CEMEX

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

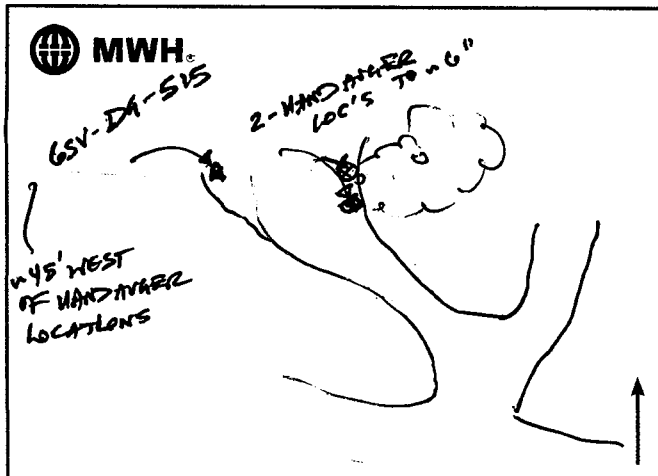
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: GSV-DG-515	Sheet 1 of 1
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 6
Logged By: ~~A.HYNE~~	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTIN KILHAMLON
Drill Rig Type/Method: GEOPROBE 3400 / D.P.	
Sampler Type: NO SAMPLING / DUAL TUBE SYSTEM	
Borehole Diam (inch): 2.25"	Total Depth (ft bgs): 8.9'
Drill Bit Type: MARCORE	
Drill Start Time/Date: 1100 6/9/14	Drill Finish Time/Date: 1130 6/9/14
Soil Vapor ID: GSV-DG-515	Soil Boring Backfill Time/Date: N/A Backfill Material: ~~GRAVEL~~ AP
Soil Vapor Well Completion Time/Date: 1130 6/9/14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 7.9-8.9 ~~7'3/4" - 8'3/4"~~ AP	Surface Completion: SOIL VAPOR PROBE
Soil Vapor Well Detail Completed (yes/no) ~~7.75-8.75~~ AP	Type of Refusal: ☐ Bedrock ☐ Debris ☐ Gravel ☒ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
								Surface Description: 3/4" GRAVEL					
0.0	X	3	—	N/A NONE	—	0	AP	APPROX 3" OF 3/4" GRAVEL ON SURFACE TO 3" BGS.	100	—	—	—	—
						1	SM	SILTY SAND (SM) DRY, LOOSE, BROWN (10YR 4/3), FINE TO MOD SAND, RDED. FINE, APPROX 3" TO 8"; FILL MATERIAL; ~10% GRAVEL.	10		10	55	25
						2		- HAND AUGER ~5' WEST OF STAKED LOC.					
						3		- REFUSAL @ 8" → SRP TO NORTH ~3' - REFUSAL @ 6" w/ HAND AUGER.					
						4		- MOB. GEOPROBE TO AREA AND LOCATE SOIL VAPOR PROBE LOCATION ~45' WEST OF HAND AUGER LOCATIONS.					
						5		- ~~DIRECTI~~ AP GEOPROBE w/ 'DUAL CORE' SYSTEM TO INSTALL PROBE; DEPTH OF REFUSAL w/ 'DUAL CORE' => 8.9' ~~8'3/4"~~ AP BGS.					
						6		- INSTALL SVP PROBE ~~7'3/4" - 8'3/4"~~ AP ~~7.75' - 8.75'~~ AP					
						7		- NO SAMPLING 7.9'-8.9'					
						8							
						9							

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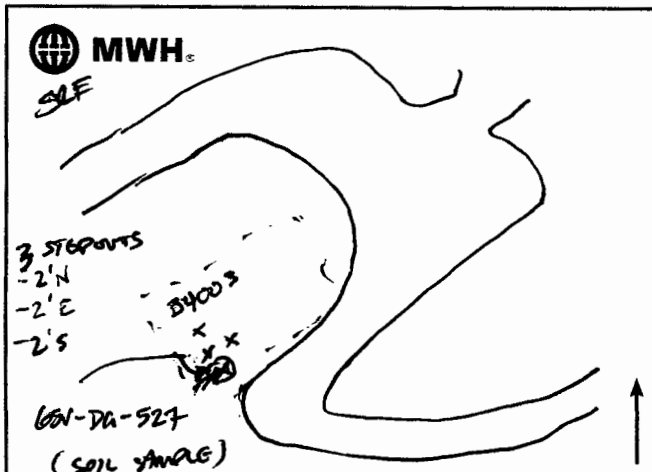
MWH.



Site Sketch Map

SYL-527-SA6-2.0-3.0

Boring ID: GSN-DG-527	Sheet 1 of 1		
Project: Phase 3 DOE Data Gap Sampling 2014			
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 6		
Logged By: ANDREW RAYNE	Reviewed By:		
Drilling Contractor: EST	Drillers Name: MARTIN KILHULEN		
Drill Rig Type/Method: GEOPROBE 5400 / DP			
Sampler Type: MACROCORE			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 3.5'		
Drill Bit Type: MACROCORE			
Drill Start Time/Date: 1240 / 6/9/14	Drill Finish Time/Date: 1335 / 6/9/14		
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 1345 6/9/14	Backfill Material: SOIL WITH NAS	
Soil Vapor Well Completion Time/Date: N/A	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: N/A		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: WEATHERED BEDROCK ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand Coarse	Sand Medium	Sand Fine	Silt/clay
						0		Surface Description: PEA SIZE TO 1/2" GRAVEL, GRASSES & SHRUBS					
						1	SM	SILTY SAND (SM), DRY, LOOSE, FINE & MED SAND, YELLOWISH BROWN (10YR 5/4), FILL MATERIAL; SEAMS TO SUBROUTDOC	—	10	30	40	20
		40"				2	ML	SANDY SILT (ML), DRY, MEDIUM STIFF, YELLOWISH BROWN (10YR 5/4) NO PLASTICITY, PIECES OF CONCRETE AND CLAY PIPE, FINE TO MED SAND, ASPHALT. FILL MATERIAL; TRACE GRAVEL SIZE ASPHALT.	5	—	10	20	65
0.0			X		1325	3							
						4	SS	WEATHERED (SS) BEDROCK, PALE BROWN (10YR 6/3) DRY, FINE TO MEDIUM SAND, ANG TO SR, FRIABLE, WEAK.	—	—	10	20	70
						5							
						6		TD = 3.5'; REFUSAL @ 3.5'					
						7		- SOIL SAMPLE @ 2.0-3.0'					
								- SYL-527-SA6-2.0-3.0 @ 1325					
						8							
						9							

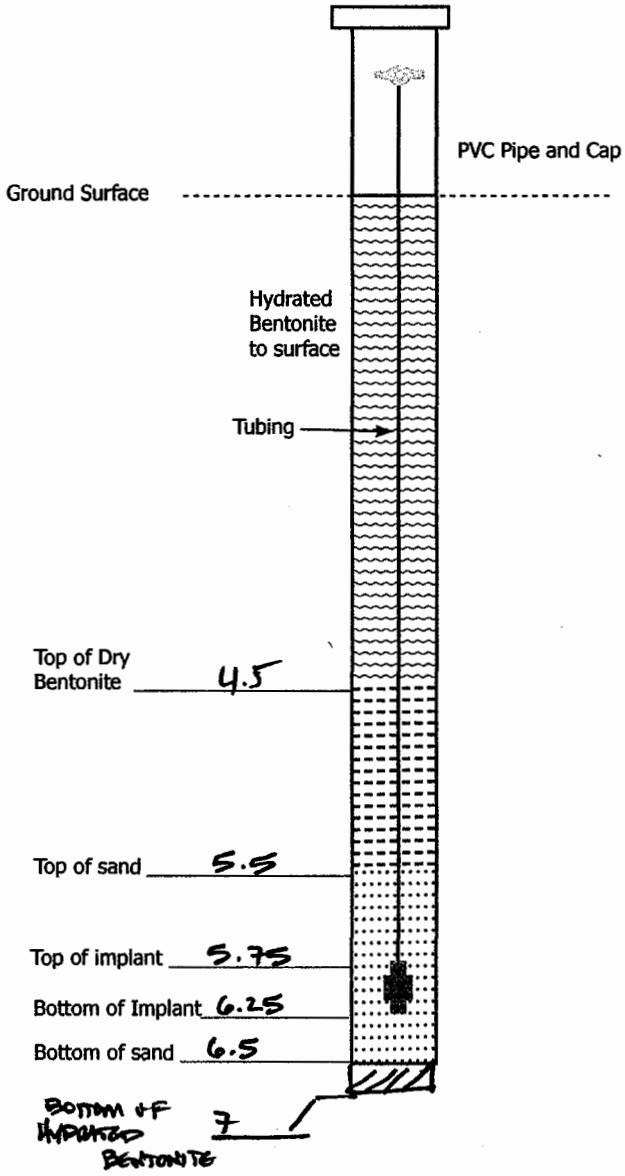
SYL-527-SA6-2.0-3.0

QA/QC
Surficial media boring log rev 2-25-2014

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: GSV-DG-528
Job #: 10503982.3050106/10503982.3060106
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SA 6
Reviewed by:
Logged by: ANDREW DAYNE
Drilling Contractor: EST
Rig Type/Method: GEOPROBE 5400 / D.P.
Driller: MARTIN KILMULLEN
Borehole TD: 7'
Probe Completion Date/Time: 6/9/14 1430
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: STAINLESS STEEL
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: TEFLON
Diameter: 1/4"
Color: CLEAR

Sand Pack Specs

Grain Size: #3
Manufacturer: CEMEX

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

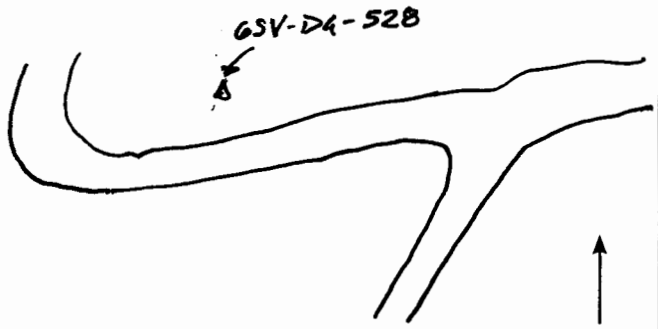
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: GSV-DG-528	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 6
Logged By: ANDREW PAYNE	Reviewed By:
Drilling Contractor:	Drillers Name: MARTIN KILHULEN
Drill Rig Type/Method: GEOPROBE 5400 / D.P.	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 7'
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 1400/6/9/14	Drill Finish Time/Date: 1420/6/9/14
Soil Vapor ID: GSV-DG-528	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1430 6/9/14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 5.5-6.5'	Surface Completion: SOIL VAPOR PROBE
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: SS/SH ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: GRASSES, SHRUBS	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0		SILTY SAND (SM), DRY, BROWN (10YR 4/3), LOOSE, FINE TO MED SAND, SUBANGULAR TO SUBROUNDED, TRACE COARSE SAND; FILL MATERIAL; TRACE ROOTS.	—	5	25	45	25 ~~2~~
0.0		40"	—	N/A NONE	—	1, 2							
						3							
						4	SP-SM	SAND W/ SILT (SP-SM), DRY, YELLOWISH BROWN (10YR 5/4), FINE SAND, SUBANGULAR TO SUBROUNDED, NATIVE ALLUVIUM.	—	—	10	75	15
						5							
0.0		36"	—	N/A NONE	—	6		INTERBEDDED SS/SH; DRY, PALE BROWN (10YR 6/3) TO BROWN (10YR 5/3), FINE SAND, SA TO SR, WEAK FRIABLE.	—	—	—	60	40 ~~60~~ ~~40~~
						7	SS/SH						
						8		TD = 7'; REFUSAL @ 7' INSTALL SV PROBE @ 5.5-6.5 GSV-DG-528 @ 1430					
						9							

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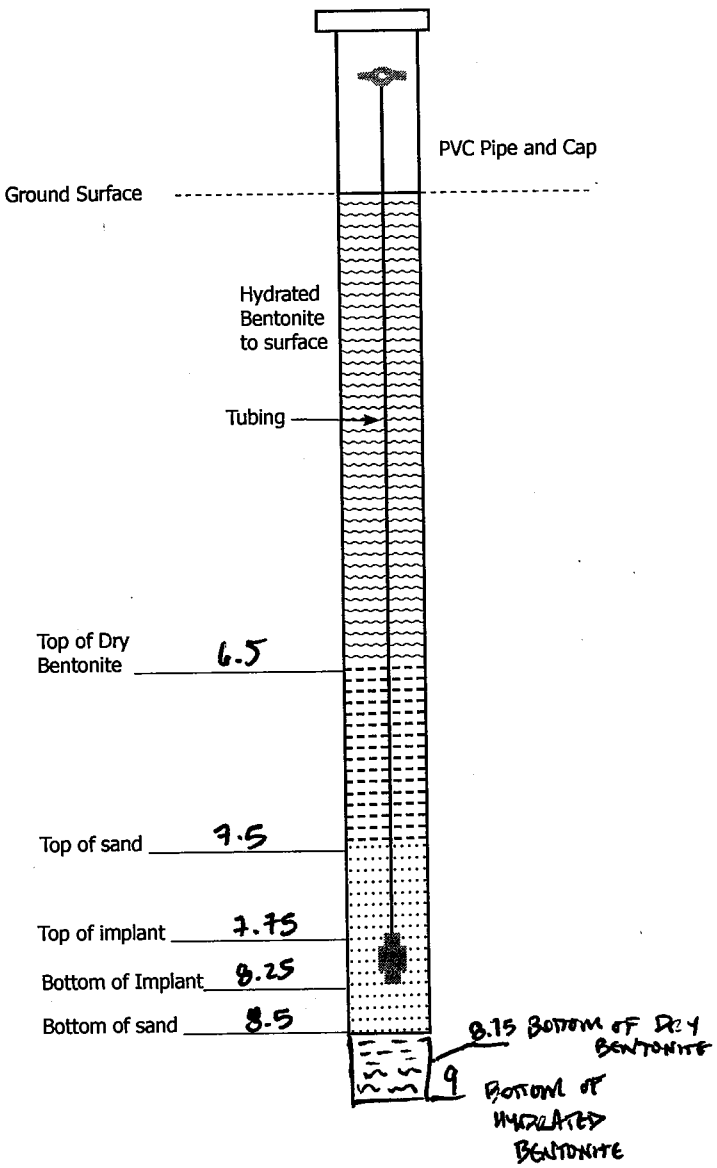
MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: GSV-DG-543
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SA 6
Reviewed by:
Logged by: ANDREW PAYNE
Drilling Contractor: EST
Rig Type/Method: GEOPROBE 5400 / D.P.
Driller: EST - MARTIN KILHULLEN
Borehole TD: 9'
Probe Completion Date/Time: 6/11/14 0830
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: STAINLESS STEEL
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: TEFLON
Diameter: 1/4"
Color: CLEAR

Sand Pack Specs

Grain Size: # 3
Manufacturer: CEMEX

Dry Bentonite

Type: # 8
Manufacturer: CETCO

Hydrated Bentonite

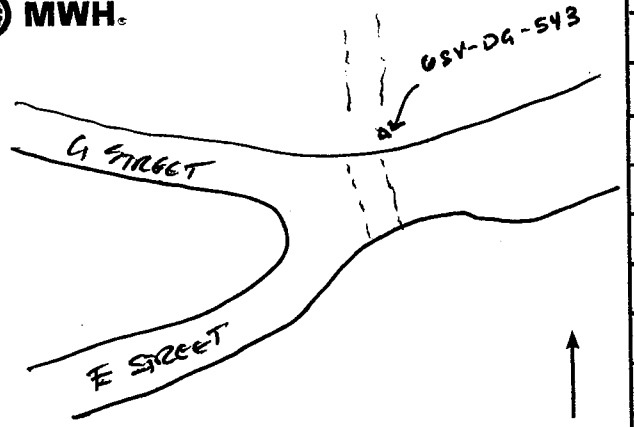
Type: # 8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: GSV-DG-543	Sheet 1 of 2
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 6
Logged By: ANDREW PAYNE	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTIN KILHULLEN
Drill Rig Type/Method: GEOPROBE 5400 / D.P.	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 9.0
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 0803 6/11/14	Drill Finish Time/Date: 0826 6/11/14
Soil Vapor ID: GSV-DG-543	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 6/11/14 0830	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 7.5-8.5'	Surface Completion: SV PROBE
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description: 1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations

Surface Description: ROADSIDE, GRASSES, SOME ROAD BASE GRAVEL ½" D.A

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	SILTY SAND (SM), DRY TO MOIST, BROWN (10YR 4/4) TO STRONG BROWN (7.5 4/6), FILL,	5	–	35	40	20
0.0		48"	–	N/A SMP	–	1		FINE TO MED. SAND, SA-TO SR, TRACE PEA SIZE ASPHALT. FILL MAT'L; NO ODOR.					
						2		LOOSE TO MED DENSE.					
						3							
						4		@ 4.5' INCREASE SILT/FINES TO 25%;					
						5	SM	(SM) SILTY SAND, MOIST, FINE TO MED. SA-TO SR,	–	–	35	40	25
6.0		48"	–	N/A NONE	–			NATIVE; BROWN TO YELLOWISH BROWN (10YR 5/4),					
						6		DARK BROWN OXIDATION (7.5YR 4/6); ALLUVIUM. LOOSE TO MED. DENSE.					
						7	SM	@ 6.5-7 INCREASE SILT/FINES TO CLAYEY FINES	–	–	30	40	30
								~30%; NATIVE ALLUVIUM. MED DENSE.					
						8	SR-SM	SANDY SILT (SR-SM), DRY TO MOIST, YELLOWISH BRN (10YR 5/4), OXIDATION; NATIVE ALLUVIUM					
0.0		12"	–	N/A NONE	–			FINE TO MED SAND; SA-TO SR. LOOSE.					
						9		WEATHERED SS/SH BEDROCK, DRY TO MOIST, YELLOWISH BRN (10YR 5/4), FINE TO MED. SAND TO SR, HARD, FRIABLE, BRN IS REDDISH BRN (10YR 5/4)	–	–	30	65	5

Boring ID: 6SN-DA-543 Project: SV PROBE INSTALL DA AREA IV Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X	12"				10		REFUSAL @ 9'					
								TD = 9'					
						11		- SV PROBE INSTALLED @ 7.5-8.5' @ 0830					
						12		- BENTONITE FROM 8.5-9' (AP)					
		REFUSAL @ 9' FROM 8-12' INTERVAL				3							
						4							
						5							
						6							
						7							
						8							
						9							
						0							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

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MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: ~~GSV-544~~ GSV-DG-544

Job #: 10503982.3050105/10503982.3060105

Project: Phase 3 DOE Data Gap Sampling 2014

Site: SA 6

Reviewed by:

Logged by: ANDREW PAYNE

Drilling Contractor: EST

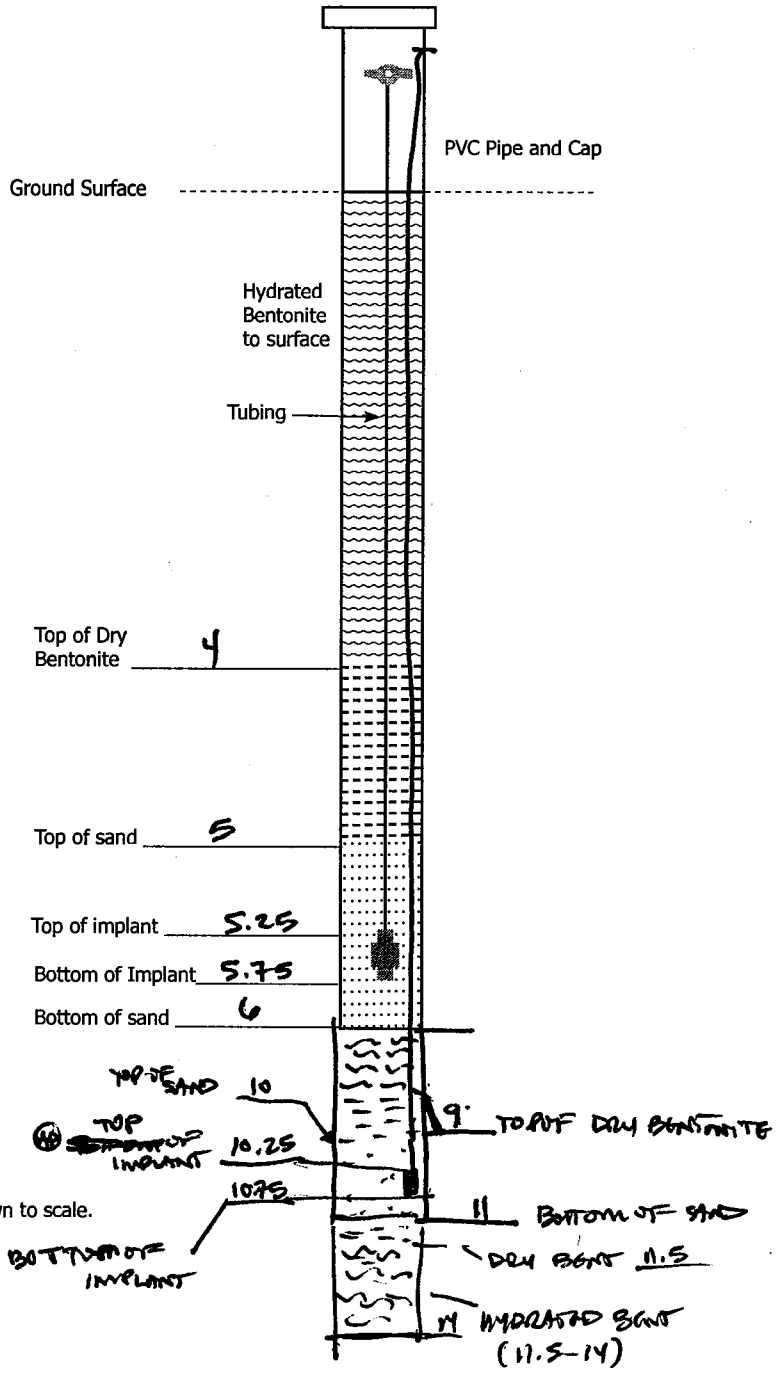
Rig Type/Method: GEOPROBE 5400 / D.P.

Driller: MARTIN KILHULLEN

Borehole TD: 14'

Probe Completion Date/Time: 6/10/14 0830

Borehole Diameter: 2.25"



Vapor Implant Specs

Material: STAINLESS STEEL

Length: 6"

Diameter: 3/8"

Tubing Specs

Material: TEFLON

Diameter: 1/4"

Color: CLEAR

Sand Pack Specs

Grain Size: #3

Manufacturer: CEMEX

Dry Bentonite

Type: #8

Manufacturer: CETCO

Hydrated Bentonite

Type: #8

Manufacturer: CETCO

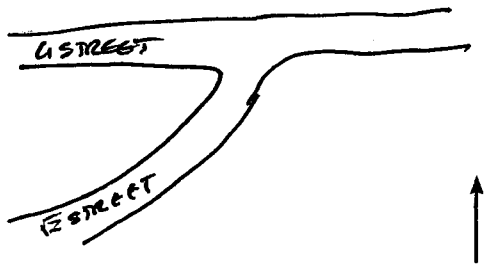
Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.

GSV-DA-544



Site Sketch Map

Boring ID: GSV-DA-544	Sheet 1 of 2
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 6
Logged By: ANDREW DAVING	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTIN KILHYMAN
Drill Rig Type/Method: 5400 GEOPROBE / D.P.	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 14'
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 0735 6/10/14	Drill Finish Time/Date: 0820 6/10/14
Soil Vapor ID: GSV-DA-544	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 6/10/14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs):	Surface Completion: SOIL VAPOR PROBE
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: SS/WGATHARD ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description: GRASSES, NEAR OAK TREES IN AREA.

1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations

Surface Description:

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	SILTY SAND (SM), DRY, LOOSE, BROWN (10YR 4/3) TO DARK YELLOWISH BROWN (10YR 4/4), FINE TO MED SAND, SUBANGULAR TO SUBROUNDED, TRACE COARSE SAND, ROOTS IN UPPER 2'; NATIVE SOIL/ALLUVIUM.	—	5	15	55	25
0.0		42"	—	N/A NONE	—	1							
						2							
						3							
						4							
						5	SP-SM	SAND W/ SILT (SP-SM), FINE TO MEDIUM SAND, YELLOWISH BROWN (10YR 5/4), DRY, LOOSE TO MED DENSE, SAND IS ANGULAR TO SUBROUNDED; SOME COARSE SAND.	—	10	25	50	15
0.0		48"	—	N/A NONE	—	6							
						7							
						8							
						9							
0.0		48	—	N/A NONE	—								

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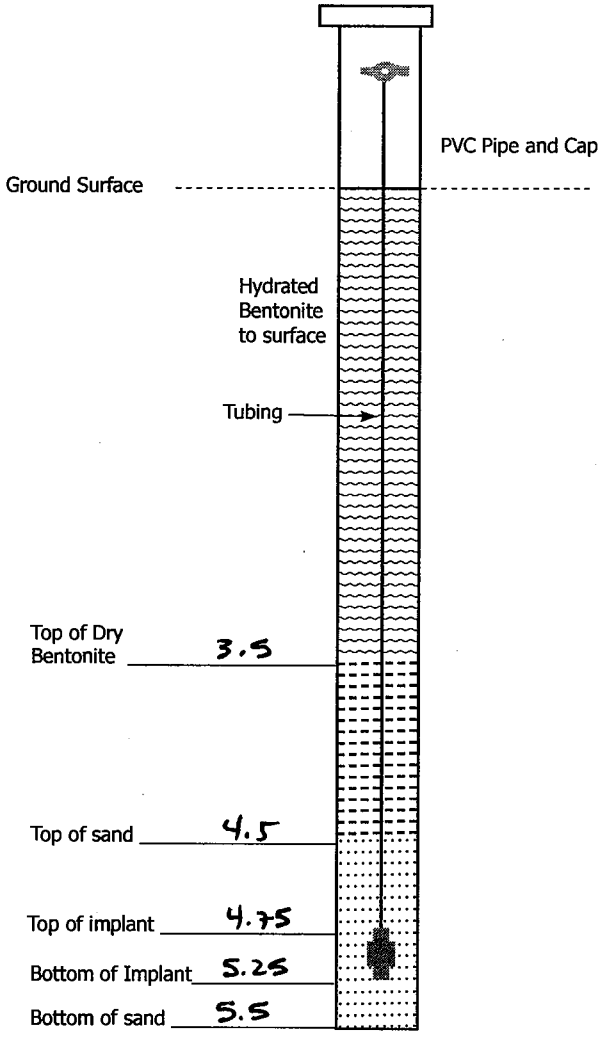
Boring ID: GSV-DG-544 Project: SV PROBE INSTALLATION Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0		48"	—	N/A NONE	—	10	SP-SM	CONT SP-SM TO 10.5' BGS					
						11	SS WEATHERED	(SS) WEATHERED SS BEDROCK, FINE TO MEDIUM SAND, DRY, PALE BROWN (10YR 6/3), SOME YELLOWISH BROWN OXIDATION (10YR 5/8); FRIABLE WEAK, DECOMPOSED WOOD FROM 10.5-12; FROM 12-14 SOME PIECES OF SS ~ 1/4" DIAM.; NATIVE WEATHERED SS.	—	—	25	70	5
0.0		24"	—	N/A NONE	—	12							
						13							
						14							
						15		TD = 14'; REFUSAL @ 14' SET SV PROBES @ 5-6, 10-11; @ 0830					
						16							
						7							
						8							
						9							
						0							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: GSV-DG-SS1
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SA 6
Reviewed by:
Logged by: ANDREW RAYNE
Drilling Contractor: EST
Rig Type/Method: GEOPROBE 8400 / D.P.
Driller: MARTIN KILHULGN
Borehole TD: 5.5'
Probe Completion Date/Time: 6/10/14 0950
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: STAINLESS STEEL
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: TEFLON
Diameter: 1/4"
Color: CLEAR

Sand Pack Specs

Grain Size: #3
Manufacturer: CEMEX

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

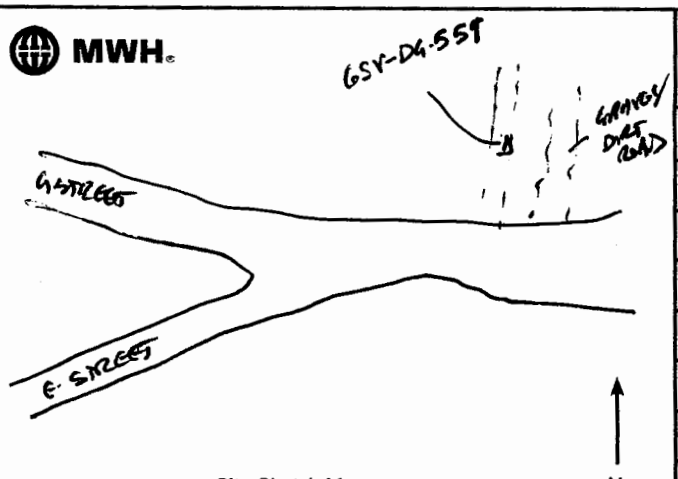
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: GSV-DG-551	Sheet 1 of 1
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 6A
Logged By: ANDREW PAYNE	Reviewed By:
Drilling Contractor: EST	Drillers Name: MARTIN KILLIVULGH
Drill Rig Type/Method: GEOPROBE 5400 / D.P.	
Sampler Type: MACRO CORE	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 5.5'
Drill Bit Type: MACRO CORE	
Drill Start Time/Date: 0930 6/10/14	Drill Finish Time/Date: 0945 6/10/14
Soil Vapor ID: GSV-DG-551	Soil Boring Backfill Time/Date: N/A
Soil Vapor Well Completion Time/Date: 6/10/14 0950	Backfill Material: N/A
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Well Detail Completed (yes/no)	Surface Completion: SV PROBE
	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

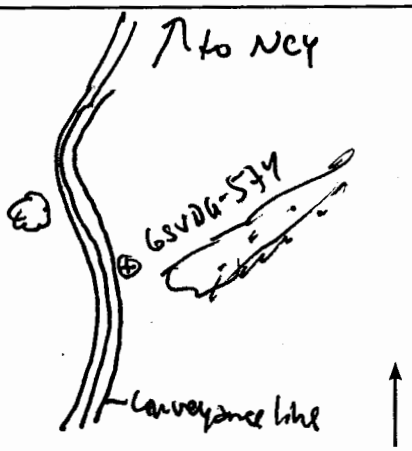
Soil Description

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: GRASSES, MULE FAT, OAK SAPLING; ASPHALT SHALE

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Sand: Medium	Sand: Fine	Silt/clay
						0	CL	CLAY W/ SAND AND GRAVEL (CL) DRY TO SLT, MOIST, LT OLIVE GRAY (5Y 6/2) TO OLIVE GRAY (5Y 5/2); SOFT TO MED STIFF, LOW PLASTICITY,	10	10	5	—	75
0.0		49"	—	N/A NONE		1–2	ML	SOME MED TO CS SAND AND PEA SIZE GRAVEL (ROAD BASE); FILL MATERIAL; TRACE OXIDATION (9.5YR 4/6)	—	15	20	15	50
						2–3		SANDY SILT (ML), DRY TO SLT MOIST, BROWN (10YR 4/3) TO DARK BROWN (10YR 3/3); FINE TO CS SAND; ANGULAR TO SUBROUNDED, TRACE YELLOWISH BROWN (10YR 5/8) OXIDIZED GRAIN;					
0.0		18"	X X	SV-SA6-SB-4.0-5.0 @0945	0945	4–5		MED STIFF; NO PLASTICITY; ROOTS; FILL	—	—	20	65	15
						5–6	SP-SM	SAND W/ SILT (SP-SM) YELLOWISH BROWN (10YR 5/4), LOOSE, DRY, FINE TO MEDIUM SAND, SUBANGULAR TO SUBROUNDED, NATIVE ALLUVIUM;					
						6–7		TD = 5.5'; REFUSAL @ 5.5'					
								- COLLECT SOIL SAMPLE @ 4.0-5.0					
						8		SVL-551-SA6-SB-4.0-5.0 @0945					
								- COMPLETE/INSTALL SV PROBE FROM 4.5-5.5'.					
						9							

MWH.



Site Sketch Map

Boring ID: 6SVD6-574	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 6
Logged By: RM Ellis	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Hand Auger	
Sampler Type: Bucket Auger / Grab	
Borehole Diam (inch): 3.5"	Total Depth (ft.bgs): 4.3'
Drill Bit Type: Bucket Auger	
Drill Start Time/Date: 14:30 09 JUN 14	Drill Finish Time/Date: 14:38 09 JUN 14
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 15:06 09 JUN 14 Backfill Material: Soil cuttings
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: None
Soil Vapor Well Detail Completed (yes/no) N/A	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations Surface Description: side slope next to road.	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0 ppm		51"				0	SP-SM	Poorly graded sand with silt (SP-SM), Brown (10YR 4/3) transitions to dark yellowish brown (10YR 4/6). Loose dry, Mostly fine sand (70) ~~some~~ little silt (25) w/ few med. sand (5). No stain no odor. Fill to 3.8', then Native 3.8-4.3' bgs at color change.	—	—	5	70	25
			3.8 4.3	SVD-574-SA6-3.8-4.3	TD= 4.3' @ 14:48	1							
						2							
						3							
						4							
						5		Stepped out (N) + (S) w/ refusal at same.					
						6							
						7		TD = 4.3' bgs w/ refusal on sandstone bedrock.					
						8							
						9		Backfilled at 15:06 w/ soil cuttings					

10 Mem, 1.8 cpm
97 ppm.

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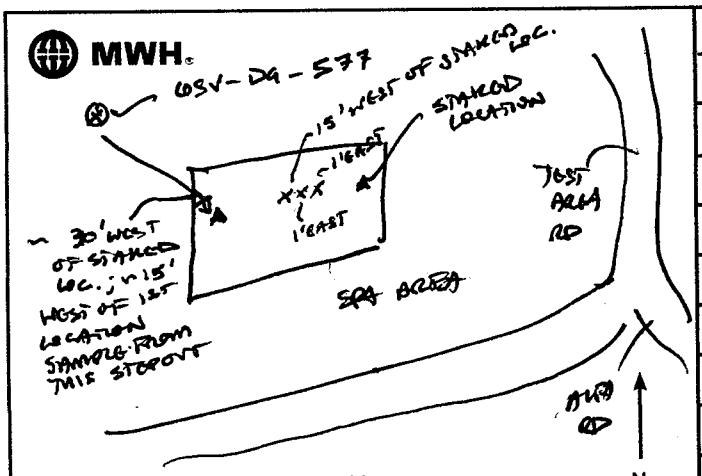
Surficial media boring log rev 2-25-2014

MWH.



Site Sketch Map

Boring ID: GSV-DG-577	Sheet 1	of 1	
Project: Phase 3 DOE Data Gap Sampling 2014			
Job #: 10503982.3050106 / 10503982.3060106	Site: ~~SA~~ ~~SA~~ SA G		
Logged By: ANDREW DAVIS	Reviewed By:		
Drilling Contractor: EST	Drillers Name: MARTIN KILHVKEN		
Drill Rig Type/Method: GEOPROBE 5400 / DP			
Sampler Type: MACROCORE			
Borehole Diam (inch) 2.25"	Total Depth (ft bgs) 3'		
Drill Bit Type: MACROCORE			
Drill Start Time/Date: 1030 6/11/14	Drill Finish Time/Date: 1140 6/11/14		
Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A		
Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None			
Surface Completion: SOIL VAPOR PROBE			
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None			

Soil Vapor ID:	~~6~~ (AP) N/A
Soil Vapor Well Completion Time/Date:	N/A
Soil Vapor Probe Depths (ft.bgs):	N/A
Soil Vapor Well Detail Completed (yes/no)	

Soil Description

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: GRASSES, SHRUBS, SS BEDROCK NEARBY

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	SILTY SAND (SM), DRY, BROWN (10YR 4/4), LOOSE, FINE TO MED SAND, SA TO SR, ROOTS, FILL MATERIAL; TRACE COARSE SAND	—	5	30	45	20
0.0		36"	X		1145	1	SM	SILTY SAND (SM) SLT. MOIST, DARK YELLOWISH BROWN (10YR 3/4), FINE TO MED. SAND ANG TO SUBROUNDED, TRACE COARSE SAND, NATIVE ALLUVIUM, MICA	—	5	30	40 (AP)	25
						2	SS/SM	WEATHERED SS AND SHALE (SC/SM); LIGHT YELLOWISH BROWN (10YR 6/4) TO PALE BROWN (10YR 6/3), FINE SAND, ANG TO SR, WEAK, FRIABLE, SHALE IS GRAYISH BROWN (10YR 5/2); BEDROCK/WEATHERED	—	—	~~35~~ 25	65	10
						3		- 1ST LOCATION ~15 WEST OF STAKED LOCATION TD/REFUSAL @ 2'; 2 STOPOUTS ~1' EAST OF PRIMARY LOCATION ALSO REFUSED @ 2';					
SVL-577-SA6-SB-1.0-2.0	@ 1145					4		4TH LOCATION ~30' WEST OF STAKED LOCATION AND 15' FROM PRIMARY LOCATION TD/REFUSED @ 3', SOIL SAMPLE COLLECTED					
						5		@ 1-2.0' @ 1145; SVL-577-SA6-SB-1.0-2.0 (1-4oz JAR 2 EACORES)					
						6		14 MEGM, 40 CPM, 0.0 PPM					
						7							
						8							
						9							

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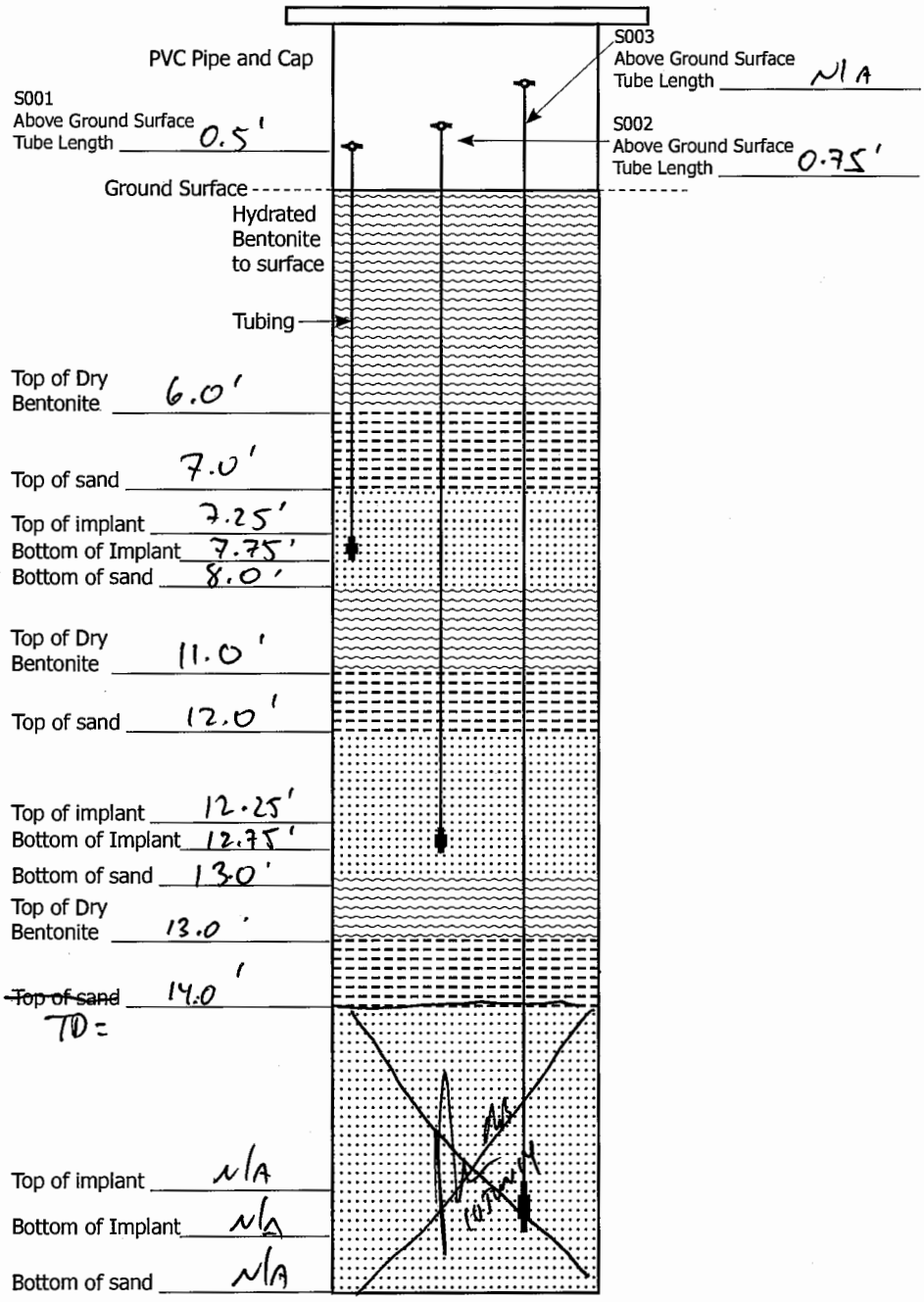
Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 7SV_DG-503
Site: 7
Drilling Contractor: EST
Borehole TD: 14.0' bgs

Project: Phase 3 DOE SVMA 2014
Logged by: RUSSELLIS
Driller: MORGAN
Borehole Diameter: 2.25"

Job #: 10503982.3050105
Reviewed by:
Rig Type/Method: Geoprobe 5400
Probe Completion Date/Time: 10JUN14. shallow 09:30, deep 09:35



Vapor Implant Specs

Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3 sand
Manufacturer: Cemex

Dry Bentonite

Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite

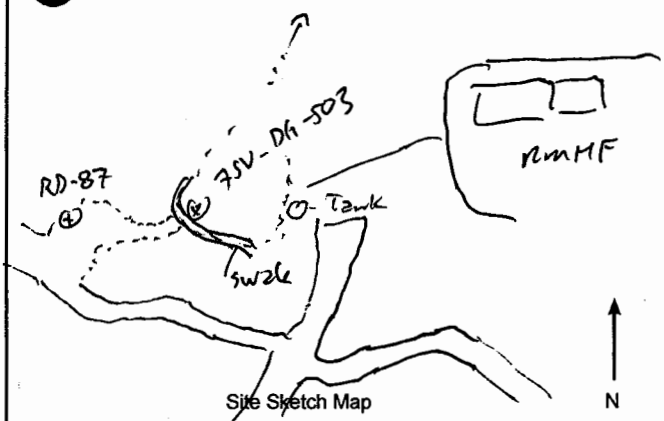
Type: #8 crumbles
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 75V-DG-503	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 7
Logged By: ROBSELLIS	Reviewed By:
Drilling Contractor: EST	Drillers Name: MORGAN HUGHES
Drill Rig Type/Method: Geoprobe 5400	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25'	Total Depth (ft.bgs): 14.0'
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 08:20 10 JUN 14	Drill Finish Time/Date: 09:07 10 JUN 14
Soil Vapor ID: 75V_DG-503	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 10 JUN 14, 7.8 09:00, 12.13 09:35	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 7.0-8.0', 12.0-13.0'	Surface Completion: SV probe
Soil Vapor Well Detail Completed (yes/no) attached.	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description verbs, sagebrush, coyotebush.

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: (E) edge of concrete swale

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0 ppm		48"				0	GW	0.0-0.9 well graded gravel (GW), white (10YR 8/1). Loose, dry. Some coarse sand, little gravel, medium/fine sand (20% each). Few silt (10). No stain, no odor, fill. under concrete swale; + gravel bag remnant.	20	30	20	20	10
0.0 ppm		40"				4	SP-SM	0.9-9.5 Poorly sorted sand with silt (SP-SM) light yellowish brown (10YR 6/4). Loose, dry. Mostly fine sand (75), little silt (20), few medium sand (5), trace coarse sand. No stain, no odor. Disturbed native soil or fill.	-	TR	5	75	20
0.0 ppm		48"				8	SM	9.5-10.2 Silty sand (SM). dark yellowish brown (10YR 3/4). Very loose, dry. Mostly fine (60), little silt (30), few medium (10). No stain, no odor. Native soil.	-	-	10	60	30

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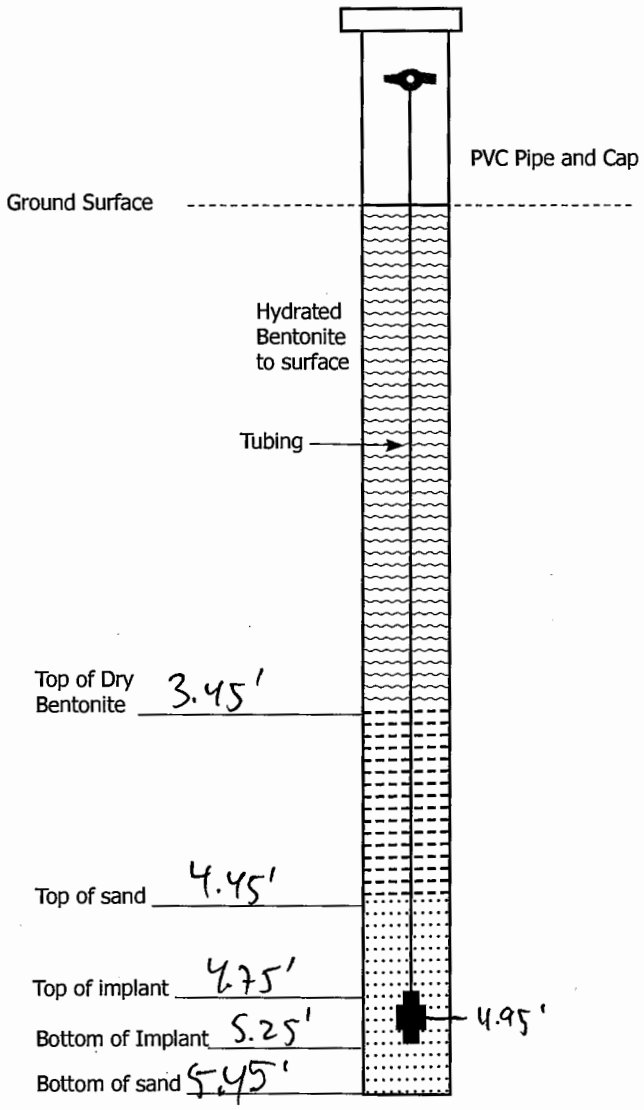
Boring ID: 7SV-DG-503 Project: Phase 3 DOE SVDG 2014 Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10	SM	10.2 – 14.0					
						11	SP	Poorly graded sand (SP) dark yellowish brown (10YR 4/4), loose, dry. Mostly fine sand (70), little medium (15), few silt (10), few coarse. No stain, no odor. Native	–	5	15	70	10
		24"				12							
						13		– Shale bed ≈ 2.5" thick at 13.2' bgs; weathered bedrock at 13.4' bgs to TD.					
					TD	14							
						5		TD = 14.0' w/ refusal on bedrock sandstone.					
						6							
						7		2 probes set.					
						8		Moved stake approximately 30–40' WNW of staked location, along swale on west side of basin.					
						9							
						0							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV_DG-502
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: 8
Reviewed by:
Logged by: Rob Eccles
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400
Driller: Morgan Hughes
Borehole TD: 5.45' bgs
Probe Completion Date/Time: 12JUN14, 1200
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3 Sand
Manufacturer: Cemex

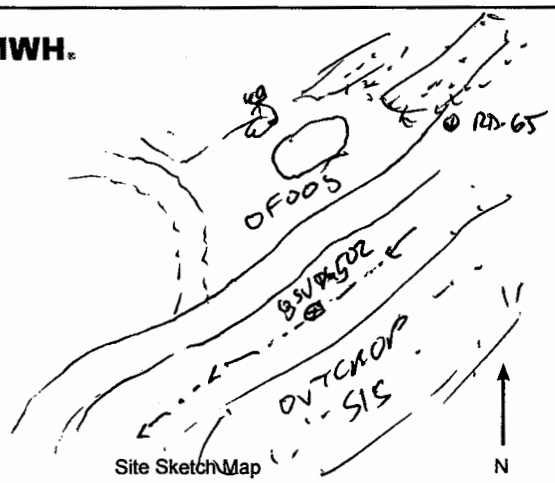
Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 8SV_DG-502	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 8
Logged By: RWSeeds	Reviewed By:
Drilling Contractor: EST	Drillers Name: MORGAN HUGHES
Drill Rig Type/Method: ~~Hand~~ MACROCORE Geoprobe 5400	
Sampler Type: MACROCORE	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 5.45'
Drill Bit Type: MACROCORE	
Drill Start Time/Date: 11:20 12 JUN 14	Drill Finish Time/Date: 11:25 12 JUN 14
Soil Vapor ID: 8SV_DG-502	Soil Boring Backfill Time/Date: N/A
Soil Vapor Well Completion Time/Date: 12 JUN 14; 12:00	Backfill Material: N/A
Soil Vapor Probe Depths (ft.bgs): 4.45' - 5.45'	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☑ None
Soil Vapor Well Detail Completed (yes/no): Attached	Surface Completion: SV Probe
	Type of Refusal: ☑ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description: mustard, wild oat 1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations Surface Description: thalmes. clayey sand	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		32"				0	SM SC	Silty sand (SM) - Silty clay (SC). Yellowish brown (10YR 5/4) with yellowish brown oxide mottled stains (10YR 5/6). Mostly fine sand and clay (silt); moist, non plastic, low to high medium dry strength, slow dilatancy, No stain, no odor. Fill.	–	–	10	50/55	40-45
		23"				1							
						2							
						3							
						4							
						5		TD = 5.45' w/ refusal on sandstone bedrock					
						6							
						7							
						8							
						9							

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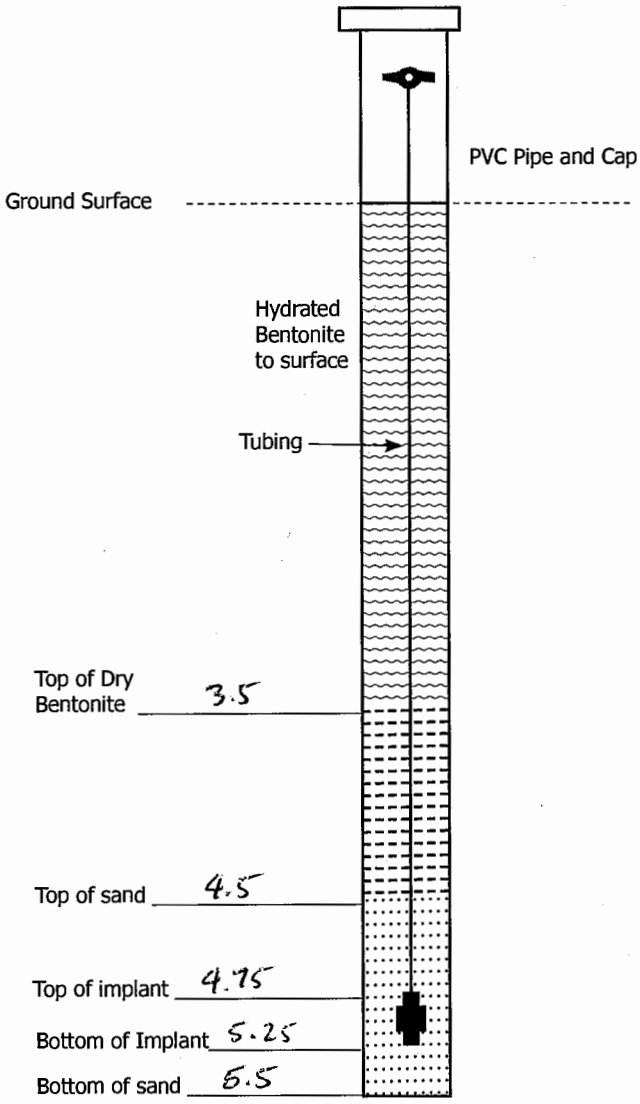
MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-503
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SA 8
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: ESD
Rig Type/Method: Geoprobe 5400 / DP
Driller: Morgan Hughes
Borehole TD: 5.5
Probe Completion Date/Time: 0841 / 5-20-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

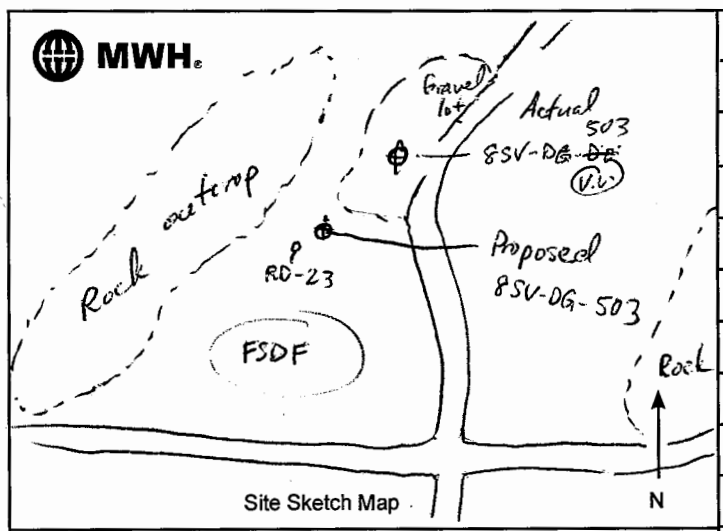
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SSV-DG-503	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 8		
Logged By: V. Vathanosin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macro core			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 5.5		
Drill Bit Type: Macro core			
Drill Start Time/Date: 0748 / 5-20-14	Drill Finish Time/Date: 0815 / 5-20-14		
Soil Vapor ID: SSV-DG-503	Soil Boring Backfill Time/Date:	Backfill Material:	
Soil Vapor Well Completion Time/Date: 0841 / 5-20-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5	Surface Completion: Soil Vapor Probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☐ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☒ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations Surface Description: ~~Grass, near RD-23 well cluster~~ Gravel (V.V.)	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0						0	SM	* Location moved 60' NE Silty Sand (SM), very pale brown (10YR 7/4), loose, dry, fine sand, non-plastic silt, no stains, no odors, fill.	-	-	-	60	40
		48"	NONE			1			-	-	-	15	85
						2	ML	Silt w/ Sand (ML), dark yellowish brown (10YR 4/4), stiff, slightly moist, low plasticity silt, fine sand					
0.0						3							
		15"	NONE			4	SM	Silty Sand (SM), yellowish brown (10YR 5/4), fine sand, silt, med dense, hint of moisture, fill	-	-	-	65	35
0.1						5	SP		-	-	-	100	TR
						6	B1	Poorly Graded Sand (SP), light yellowish brown (10YR 6/4), loose, dry, fine sand, trace silt, native soil, no stains or odors.					
						7							
						8		@5.5' Sandstone, weathered.					
						9		TD = 5.5', refusal on bedrock. Installed vapor probe at 4.5-5.5'. Backfill original boring with cuttings					

(V.P.) 8SV

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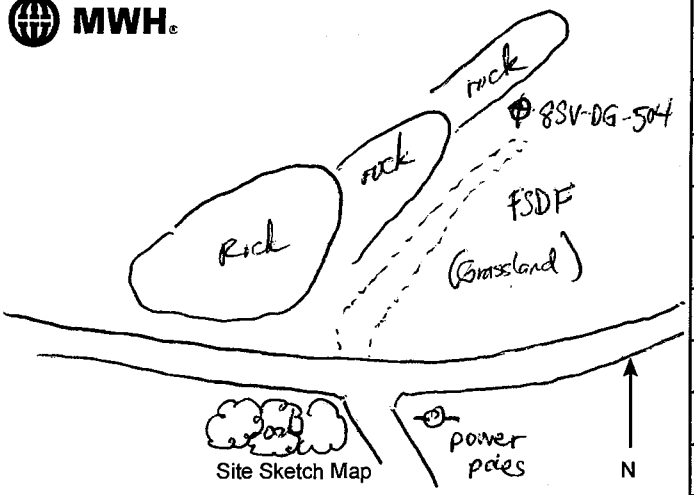

Site Sketch Map

Boring ID: ~~8SV~~-DG-504	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 8		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 3.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0940/5-16-14	Drill Finish Time/Date: 10:00/5-16-14		
Soil Vapor ID: N/A	Soil Boring Backfill Time/Date: 10:00/5-16-14	Backfill Material: Soil cuttings.	
Soil Vapor Well Completion Time/Date: N/A	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): N/A	Surface Completion: Backfill w/ cuttings.		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X					0	ML	Surface Description: Grass. Silt w/ fine sand (ML), grayish brown (10YR 5/2), med. stiff, dry, low plasticity silt, fine sand, no stains or odors, fill.				10	90/
	X	30"				1							
	X		X		10:00	2							
	X					3	Br	@ Bedrock - Sandstone, weathered chatsworth fm					
SVL-504-SA8-SB-20-25													
						4		TD = 3.0 ft, refusal on bedrock, no vapor probe installed, collect encores + jar at 20-25					
						5							
						6							
						7							
						8							
						9							

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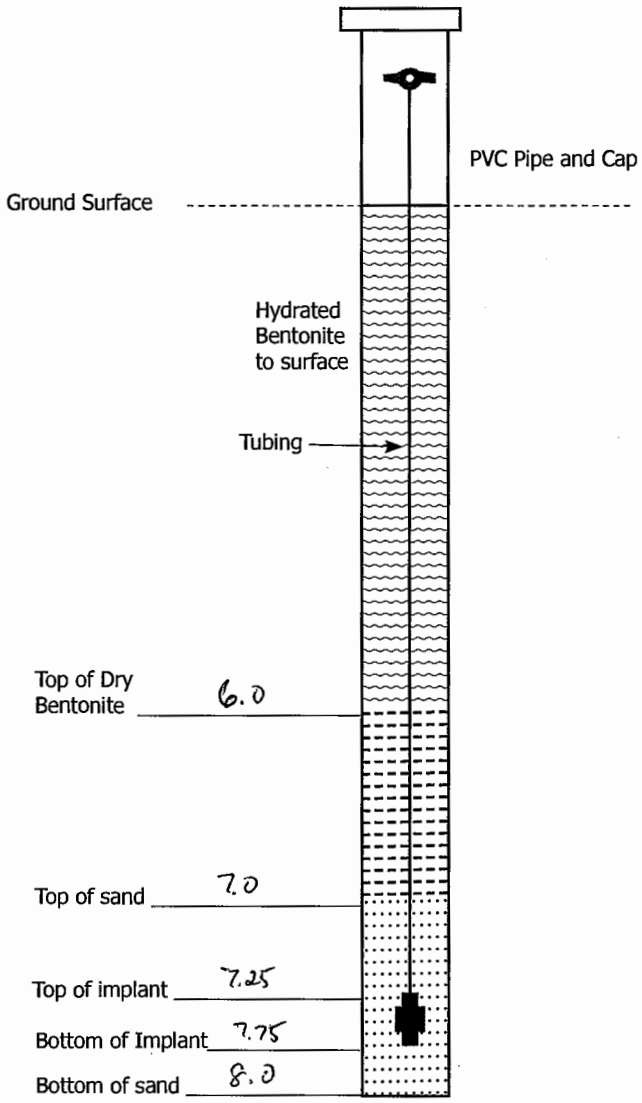
Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-506
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SA8
Reviewed by:
Logged by: Van Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 8.0
Probe Completion Date/Time: 0930/5-16-14
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

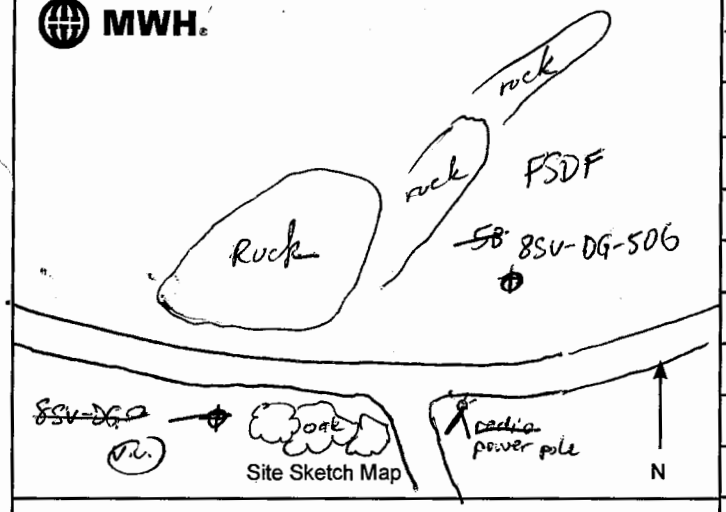
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SSV-DG ~~515~~ 506 (V.J.)	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: Subarea 8
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 8.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0845/5-16-14	Drill Finish Time/Date: 0916 /5-16-14
Soil Vapor ID: SSV-DG-506	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date:	Observations: ☐ Debris ☒ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 7.0-8.0	Surface Completion: Soil Vapor Probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☒ None

Soil Description
1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

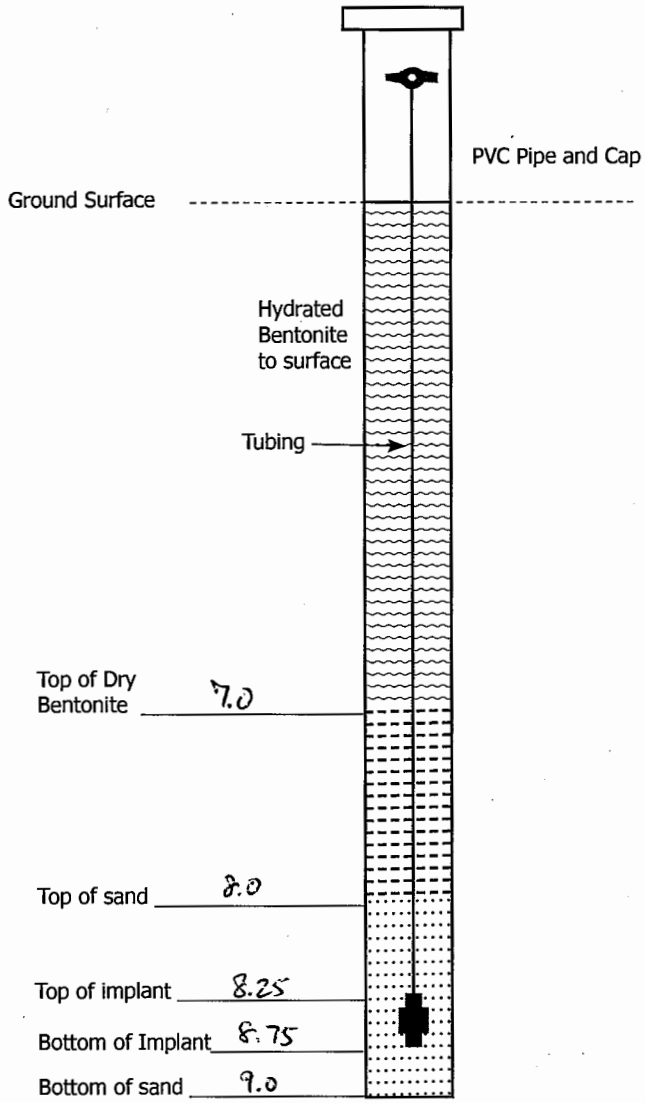
Surface Description: Veg Cleared, ~4' NW of EPA#58

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty sand (SM), light yellowish brown (10YR 6/4), med. dense, dry, fine sand, non-plastic silt, no stains or odors, fill	–	–	–	60	40
		48"	NONE			1	ML	Clayey Silt (ML), light yellowish brown (10YR 6/4), med. stiff, dry, low plasticity clay and silt, "platy" structure, slight brownish yellow staining (10YR 6/8), no odor, fill	–	–	–	–	65/35
0.0						2							
						3							
						4							
						5							
		48"	NONE			6							
						7							
0.0						8		@ grades to med-plasticity clay.					
							BR	Shale Bedrock, hard, fissile, inter-bedded sandstone and shale.					
						9		TD=8.0 ft. refusal on bedrock, install vapor probe at 7.0-8.0. May encounter low flow when collecting sample.					

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-S12
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SA 8
Reviewed by:
Logged by: Van Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 9.0
Probe Completion Date/Time: 1110/5-19-2014
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

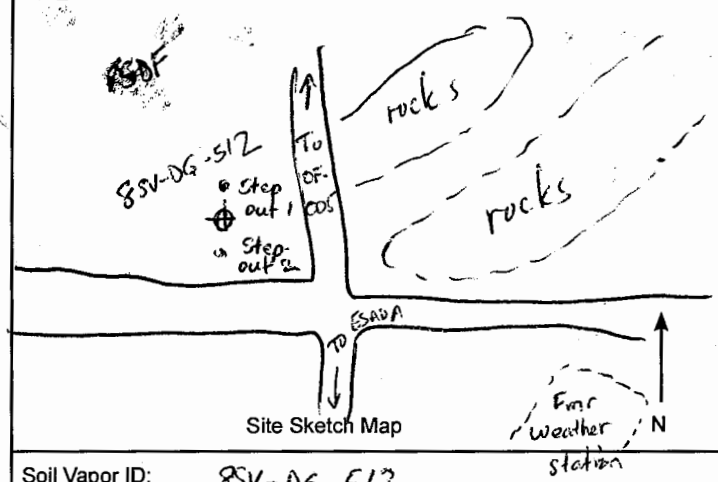
Dry Bentonite
Type: #8
Manufacturer: CETCO

Hydrated Bentonite
Type: #8
Manufacturer: CETCO

Notes:
1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SSV-DG 512	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 8		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 9.0		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 0940 / 5-19-14	Drill Finish Time/Date: 1045 / 5-19-14		
Soil Vapor ID: SSV-DG-512	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 1110 / 5-19-2014	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None		
Soil Vapor Probe Depths (ft.bgs): 8.0-9.0	Surface Completion: Soil vapor probe		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

Soil Description

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

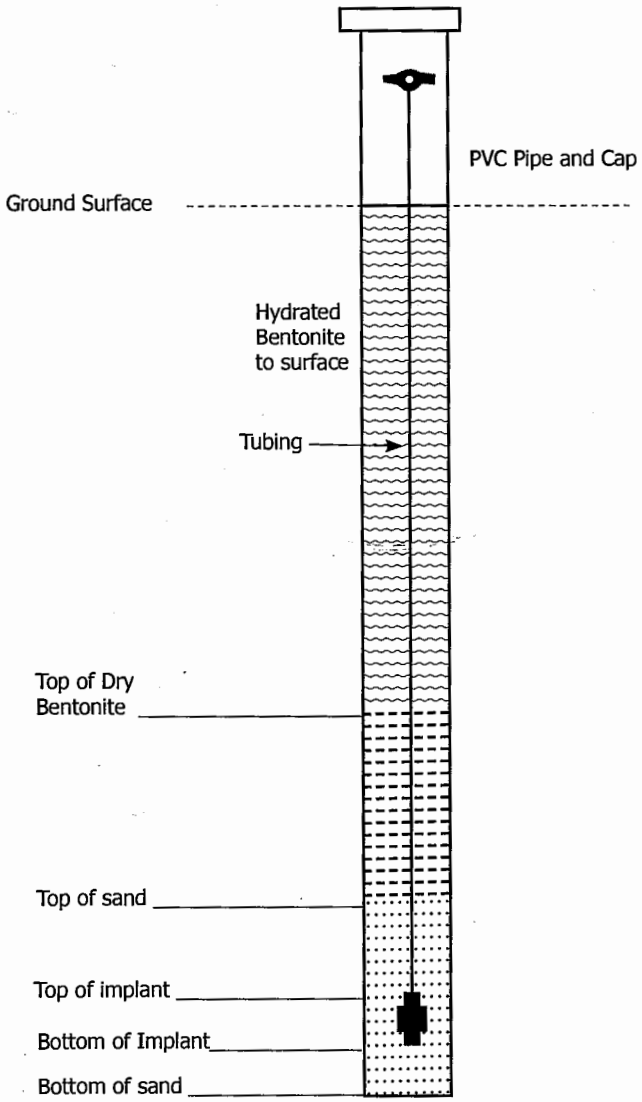
Surface Description: Mustard

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Estimated % of Sand: Medium	Estimated % of Sand: Fine	Silt/clay
						0	ML	Silt w/ sand (ML), brown (10YR 5/3), med. stiff, dry, non-plastic silt, fine sand, few roots, fill, no odors or stains.	–	–	–	15	85
		36"		NONE	–	1							
						2		color changes to light yellowish brown (10YR 6/4)					
						3							
0.4						4							
		48"		NONE	–	5		* Note: TD = 9.0 ft, refusal on sandstone (bedrock), install vapor probe at 8.0-9.0 bgs. Stepped out twice to avoid asphalt debris. Install probe in southernmost boring					
						6							
						7		@9' Sandstone, weathered.					
0.5						8							
		12"		NONE			SP	@8.2' Asphalt (Stepped out twice to avoid debris. No asphalt ~~8~~ 4' south)	–	–	–	85	15
				V.V.		9	Br	@8.5' Poorly graded Sand w/ Silt (SP-SM), yellow (10YR 7/6), loose, dry, fine sand, non-plastic ~~silt~~ silt.					

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-S15
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: SA8
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 7.0
Probe Completion Date/Time: 0830 / 5-16-14
Borehole Diameter: 2.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: CETCO

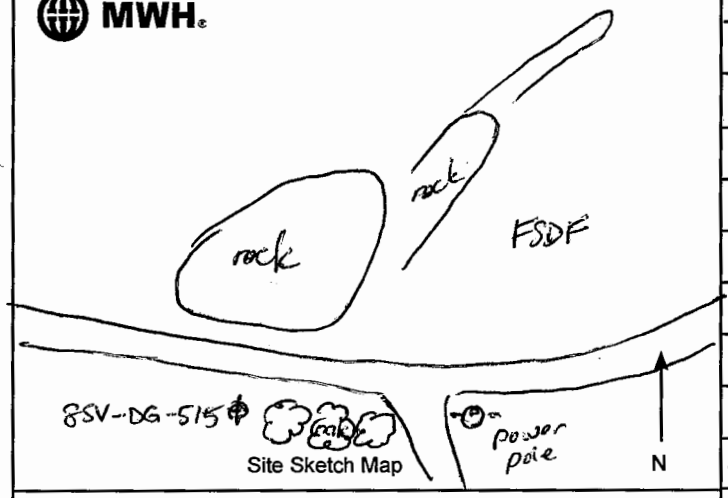
Hydrated Bentonite
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SSV-DG-515	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: Subarea 8
Logged By: V. Vathanaoun	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 7.0
Drill Bit Type: Macrocore	(V.V.)
Drill Start Time/Date: 5-16-14 / 0745	Drill Finish Time/Date: ~~88~~ 0812 / 5-16-14
Soil Vapor ID: SSV-DG-515	Soil Boring Backfill Time/Date: N/A; Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 0830 / 5-16-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 6.0-7.0 ft	Surface Completion: Soil Vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Surface Description: Grass Silt w/ sand (ML), brownish yellow (10YR 6/6), loose, dry, non-plastic silt, no odors or stain, fill fine sand	-	-	-	~~2~~ 10 (V.V.)	~~100~~ 90
		48"	NONE			1							
						2							
0.0						3							
						4							
		16"				5		@4.5 - color changes to yellow (10YR 7/6), platy ~~tex~~ texture, some white (10YR 8/1) patches.					
		18"	NONE			6							
0.0						7	Br	Sandstone, weathered, Chatsworth Fm.					
						8		TD=7.0', Refusal on sandstone bedrock, install vapor probe 6.0-7.0 ft. bgs. Possible low flow due to silt content.					
						9							

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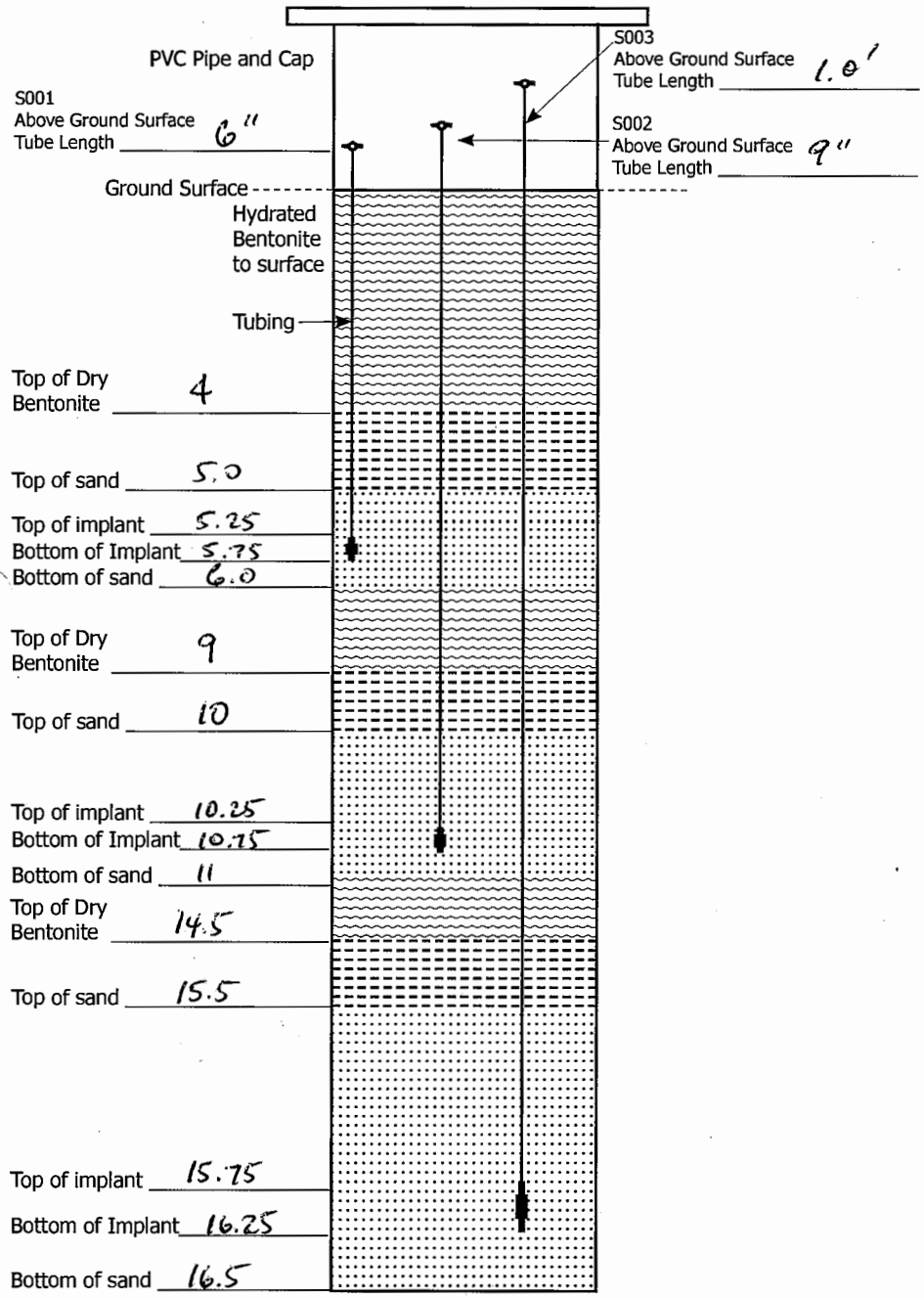
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: 8SV-DG-S17
Site: SA 8
Drilling Contractor: EST
Borehole TD: 16.5

Project: Phase 3 DOE SV
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25

Job #: 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 0925/5-19-2014



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

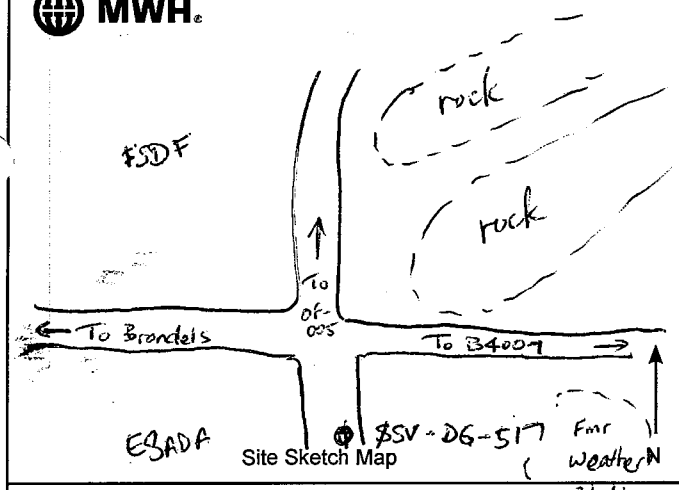
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: SSV-DG-517	Sheet 1 of 2
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 8
Logged By: V. Vathanavin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 16.5
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0805 / 5-19-2014	Drill Finish Time/Date: 0840 / 5-19-2014
Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A
Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None	
Surface Completion: Soil Vapor Probe	
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None	

Soil Vapor ID: SSV-DG-517	
Soil Vapor Well Completion Time/Date: 0925 / 5-19-2014	
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 10.0-11.0, ~~15.5~~ 15.5-16.5	
Soil Vapor Well Detail Completed (yes/no)	

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Surface Description: Vegetated road. Silt w/ Sand (ML), yellowish brown (10YR 5/4), med ~~dense~~ stiff (V.V.), dry, low plastic ~~silty~~ (10) silt, fine sand, grass roots, no staining, no odors, graded fill	-	-	-	10	90
		45"				1							
						2							
						3	CL	Silty Clay (CL), yellowish brown (10YR 5/4), stiff, dry, silt + clay, med. plasticity, native @4' color changes to brownish yellow (10YR 6/6)	-	-	-	-	100
0.1						4							
					0900	5							
		48"				6							
						7							
0.6						8							
						9							

5.0-6.0

SV2-517-SA8-SB

Cont next page

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Surficial media boring log rev 2-25-2014

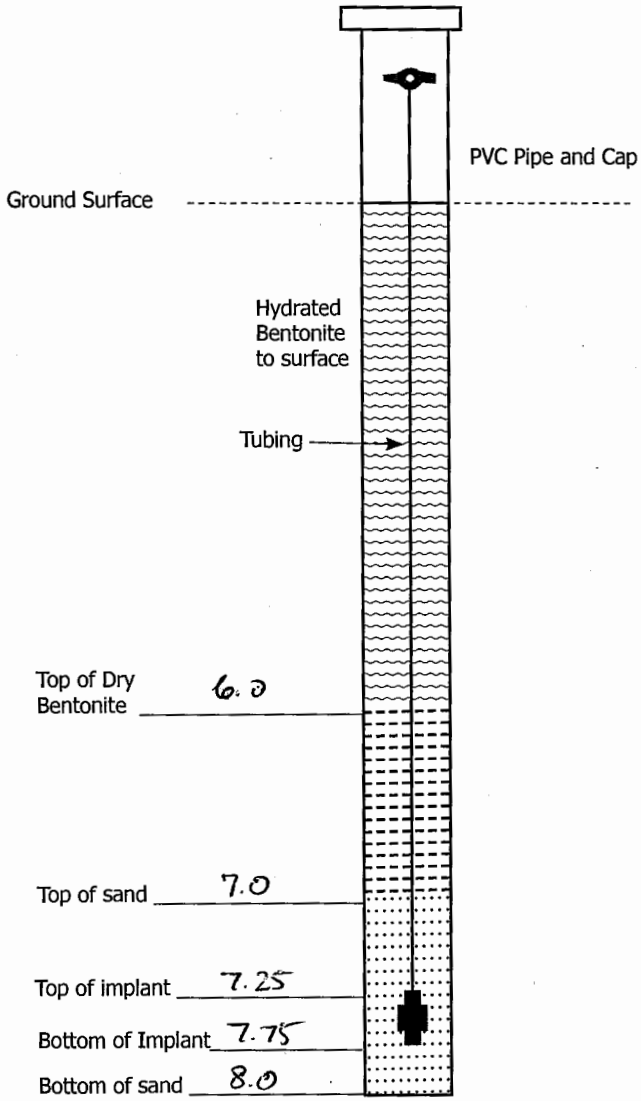
Boring ID: SSV-DG-517 Project: DOE Phase 3 SV DG Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
			X		0905	0							
						1							
0.1				SSV-517-SA8-SB-10-11									
		SV				2							
						3		@ grades to med. stiff, color changes to very pale brown (10YR 7/4); brownish yellow (10YR 6/8) iron staining.					
		48"				4							
						5							
			X		0910	6							
0.5	X	6"				16.5	Br	Weathered sandstone, looks like ~~silty~~ (SV) silty sand.	–	–	10	50	40
				SSV-517-SA8-SB-15.5-16.5		7							
						8							
						9		TD = 16.5', refusal on bedrock. Install vapor probes at 5.0'-6.0', 10'-11', 15.5'-16.5'; also collect encores at each respective depths due to possible low flow conditions.					
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-519
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: SA 8
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400 / DP
Driller: Morgan Hughes
Borehole TD: 8.0
Probe Completion Date/Time: 1157 / 5-16-14
Borehole Diameter: 2.25"



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: Cetco

Hydrated Bentonite

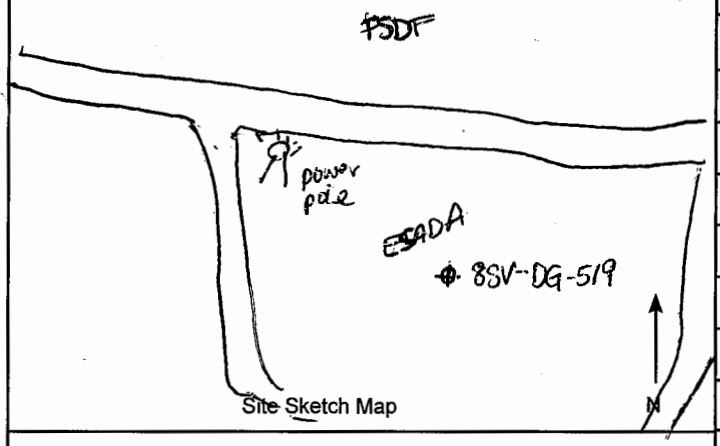
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: SSV-DG-519	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 8
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macrocore	
Borehole Diam (inch): 2.25"	Total Depth (ft.bgs): 8.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 1100 / 5-16-14	Drill Finish Time/Date: 1142 / 5-16-14
Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A
Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None	
Surface Completion: Soil vapor probe	
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None	

Soil Vapor ID:	SSV-DG-519
Soil Vapor Well Completion Time/Date:	1150 / 5-16-14
Soil Vapor Probe Depths (ft.bgs):	7.0-8.0
Soil Vapor Well Detail Completed (yes/no)	yes

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Grassland (ESADA)	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	CL	Silty Clay (CL), brown (10YR 4/3), stiff, dry, low to med. plasticity clay, few roots; native	–	–	–	–	25/75
		48"				1							
			NONE			2							
						3							
0.0						4							
						5	ML	Sandy Silt ~~(ML)~~ w/ clay (ML), dark yellowish brown (10YR 4/4), med. stiff, dry, medium plasticity clay and silt, fine sand native	–	–	–	20	65/15
		48"	NONE			6							
						7	SP	Poorly graded Sand (SP), yellowish brown (10YR 5/6), loose, dry, fine sand, trace med. and coarse sand, no odors or stains, native	–	TR	TR	100	–
0.0					11:40	8	Bo	@8.0 ft Sandstone - weathered.					
SVL-519-SA8-SB-7.5-8.0						9		TD = 8.0 ft, refusal on bedrock. Set vapor probes at 7.0-8.0 ft; collect encores and place on hold in case no flow conditions exist.					

MWH

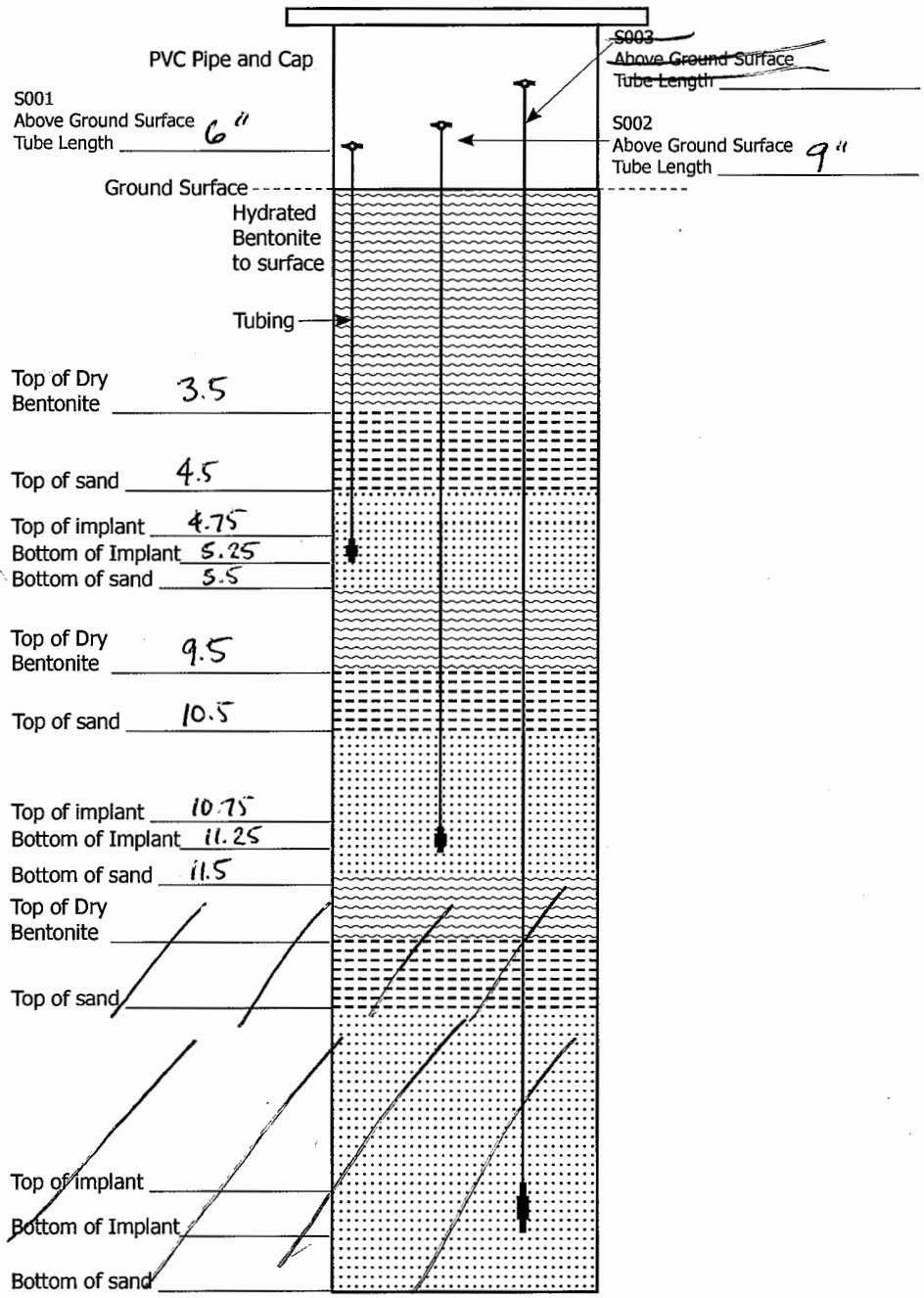
Multiple Soil Vapor Probe Construction Diagram

(V.V.)

Probe ID/Soil ID: SSV-DG-524
Site: SA8
Drilling Contractor: EST
Borehole TD: 11.5

Project: Phase 3 DOE SVDG
Logged by: V. Vathanasin
Driller: Morgan Hughes
Borehole Diameter: 2.25"

Job #: ~~10504~~ 10503982
Reviewed by:
Rig Type/Method: Geoprobe 5400 / DP
Probe Completion Date/Time: 12:38 / 5-19-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

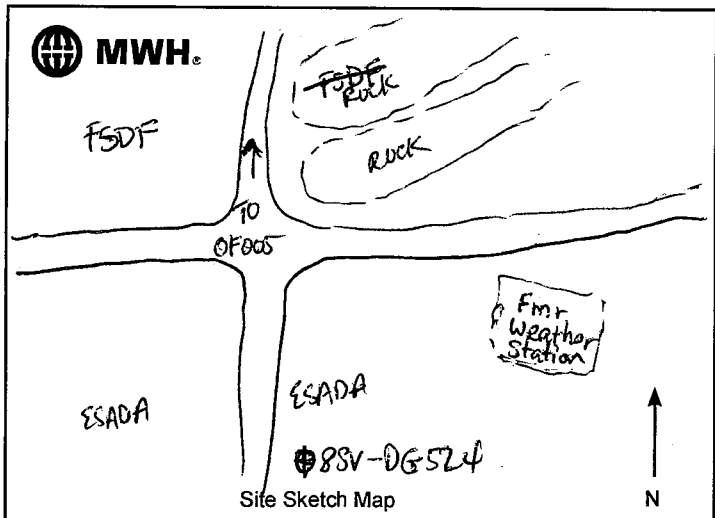
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: 8SV-DG-524	Sheet 1 of 1 2 (V.V.)		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 8		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name:		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macrocore			
Borehole Diam (inch) 2.25	Total Depth (ft.bgs) 11.5		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1124 / 5-19-14	Drill Finish Time/Date: 1210 / 5-19-14		
Soil Vapor ID: 8SV-DG-524	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 12:38 / 5-19-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5, 10.5-11.5	Surface Completion: Soil vapor probes.		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Surface Description: Hydromulch, mustard Clayey Silt (ML) brown (10YR 4/3), stiff, dry, low to medium plasticity (V.V.) fines, no odors or stains, graded fill (V.V.)	–	–	–	–	100
		48"	NONE			1							
						2		color changes to light yellowish brown (10YR 6/4), some white (10YR 8/1) leaching stains, grades to medium plasticity fines					
						3							
0.2						4							
					1220	5							
		40"				6		SV-524-SA8-SB-4.5-5.5					
						7							
0.3						8							
						9							
		24"											

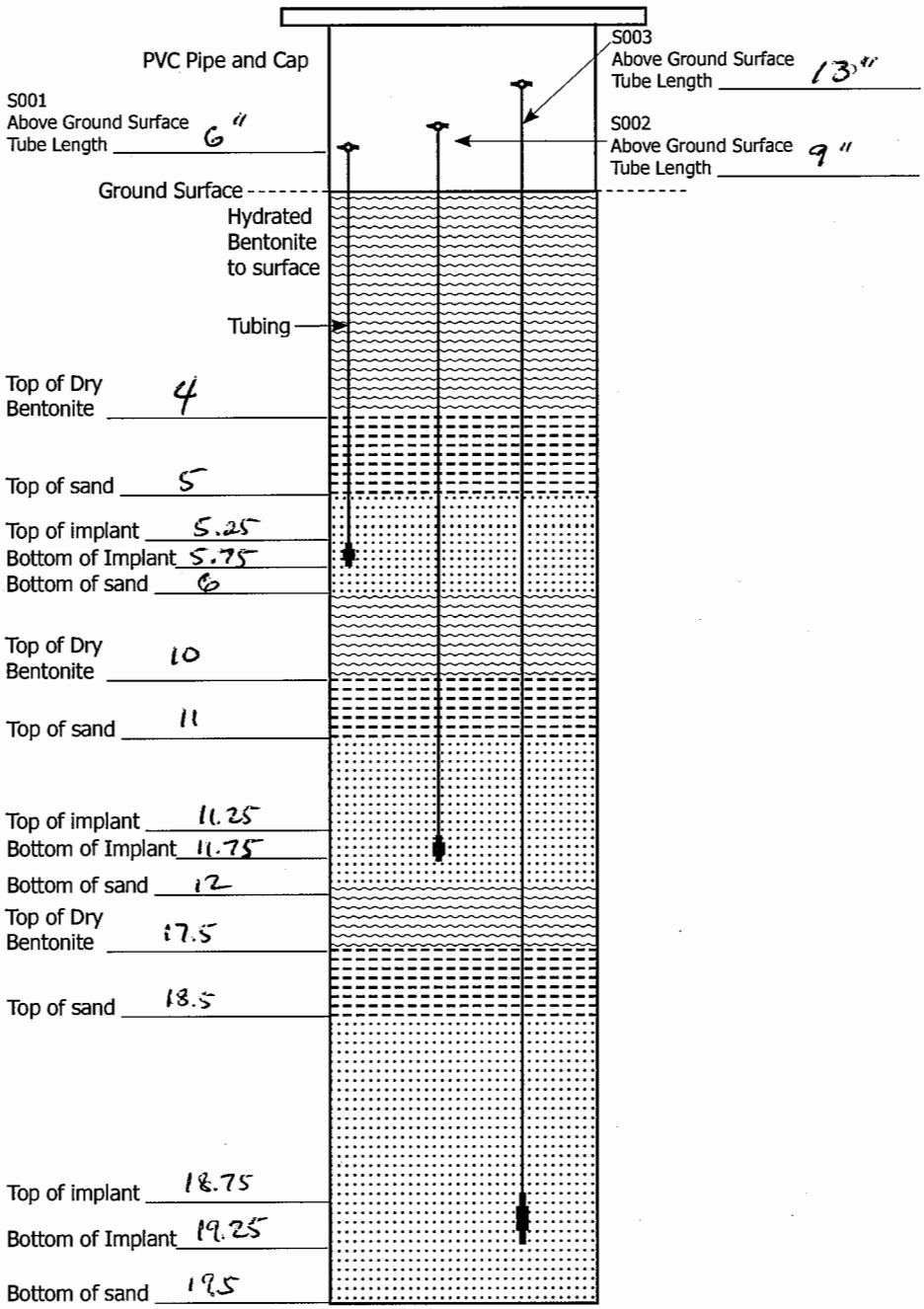
Boring ID: SSV-DG-524 Project: Phase 3 DOE SV DG Sampling Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
	X		NONE			10		Same as above					
						11	SP-SM	Poorly Graded Sand with Silt and Clay (SP-SM), yellowish brown (10YR 5/4), loose, dry, fine to medium sand, low plasticity clay and silt, weak cementation, no stains or odors, native soil.	–	–	10	75	15
						12							
						13							
						14		@11.5 Sandstone, weathered.					
						15		TD = 11.5', refusal on bedrock; install vapor probes at 4.5-5.5 and 10.5-11.5'					
						16		Submit encores for 4.5-5.5' due to possible no-flow conditions.					
						17							
						18							
						19							
						20							
						1							
						2							
						3							
						4							
						5							
						6							
						7							
						8							
						9							

MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-528
Project: Phase 3 DOE SV DG
Job #: 10503982
Site: SA 8
Logged by: V. Vathanasin
Reviewed by:
Drilling Contractor: EST
Driller: Morgan Hughes
Rig Type/Method: Geoprobe 5400 / DP
Borehole TD: 19.5
Borehole Diameter: 2.25"
Probe Completion Date/Time: 1514 / 5-19-14



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

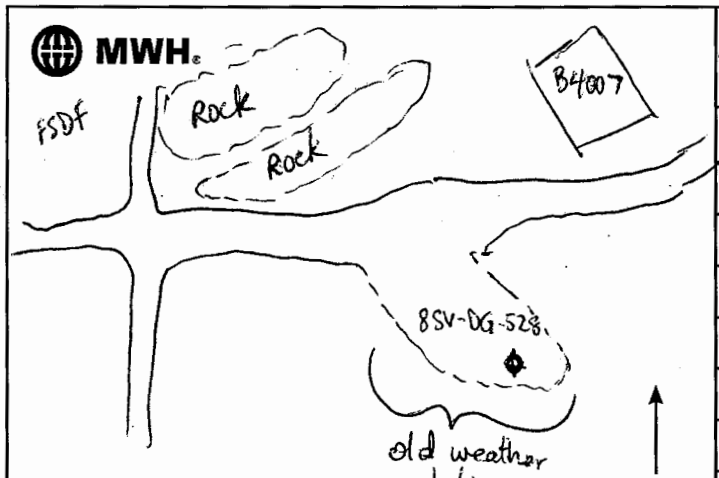
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: SSV-DG-528	Sheet 1 of 2		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 8		
Logged By: V. Vathanasin	Reviewed By:		
Drilling Contractor: EST	Drillers Name: Morgan Hughes		
Drill Rig Type/Method: Geoprobe 5400 / DP			
Sampler Type: Macro core			
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 19.5'		
Drill Bit Type: Macrocore			
Drill Start Time/Date: 1325 / 5-19-14	Drill Finish Time/Date: 1430 / 5-19-14		
Soil Vapor ID: SSV-DG-528	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 15:14 / 5-19-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 5.0-6.0, 11.0-12.0, 18.5-19.5	Surface Completion: Soil Vapor Probes		
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☐ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☒ None		

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations Surface Description: Heavy Brush (cleared)	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	ML	Sandy Silt (ML), light yellowish brown (10 YR 6/4), med. stiff, dry, non-plastic fines, fine sand, weak clay cement, no odors or fines, roots, graded fill	–	–	–	15	85
		40"	NONE			1							
						2							
						3		color changes to brown (10YR 4/3),					
						4							
					1446	5		color changes to pale brown (10YR 6/3), stiff, increasing sand, native	–	–	–	25	75
		48"		SVE-528-SA8-SB-50-60		6							
						7	CL	Clay with Sand (CL), very pale brown (10YR 7/3), med stiff, moist, med plasticity clay, fine sand, heavy weathering [white [10YR 8/1]]					
						8							
						9		grades to dry.					

cont next page

Boring ID: SSV-DG-528 Project: Phase 3 DOE SV DG Sampling Sheet 2 of 2

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						10		Same as above					
		48"				11	ML	Silt w/ Clay (ML), light yellowish brown (10YR 6/4), stiff, moist, med. plasticity clay, silt	-	-	-	-	15/85
		SSL-528-SAB-SB-11.0-12.0			1450	12							
						13							
		48"				14							
						15							
						16	SM						
						17	SM	Silty sand (SM), brownish yellow (10YR 6/6), med. dense, dry, fine sand, non-plastic silt, no odors or staining,	-	-	-	80	20
						18	(V.V.) ML		-	-	-	10	90
									-	-	-	80	20
						19		@17.5 Silt w/ Sand (ML), yellowish brown (10YR 5/4), stiff, moist, lo plast. silt, sand					
						20		@18.0 Silty Sand (SM), brownish yellow (10YR 6/6), med. dense, dry, fine sand, non-plastic silt, ~~wa~~ (V.V.)					
						21							
						22		@19.5 Sandstone					
						23		TD= 19.5, refusal on bedrock, install probes at 5.0-6.0, 11.0-12.0, 18.5-19.5, Collect encrete at 5.0-6.0, 11.0-12.0 due to possible low-flow conditions and place on hold.					
						24							
						25							
						26							
						27							
						28							
						29							

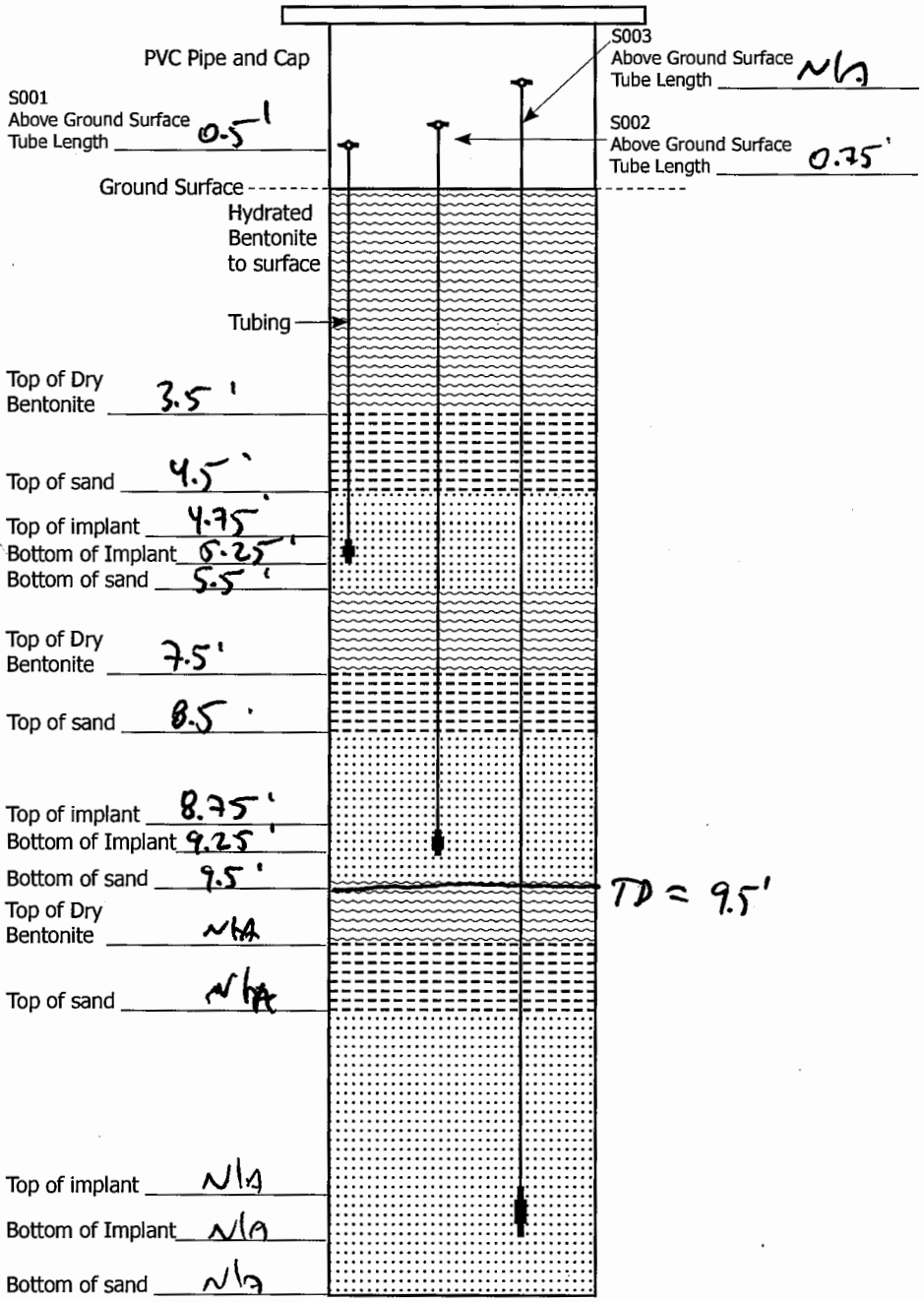
MWH

Multiple Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV_DG-529
Site: 8
Drilling Contractor: EST
Borehole TD: 9.5' bgs

Project: Phase 3 IDE SVDG 2014
Logged by: RABELLES
Driller: MORENO BROTHERS
Borehole Diameter: 3.5"

Job #: 10503982.30501105
Reviewed by:
Rig Type/Method: MANDAMER
Probe Completion Date/Time: 12 JUN 14; 14:00



Vapor Implant Specs

Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs

Grain Size: #3 sand
Manufacturer: Cemex

Dry Bentonite

Type: #8 crumbles
Manufacturer: Cetco

Hydrated Bentonite

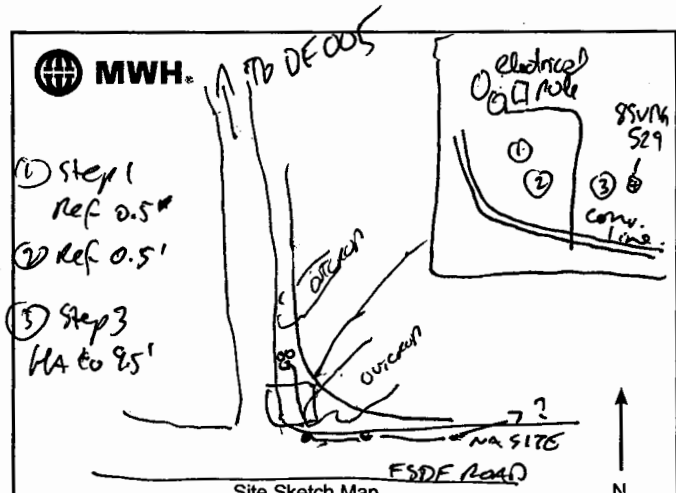
Type: #8 crumbles
Manufacturer: Cetco

Notes:

1. Probes not to scale.
2. Borings are approximately 2 inches in diameter using a Macrocore or Dual Tube sampler and can hold up to 5 soil vapor probes. If additional depths will require sampling at the same location, a second boring may need to be drilled.

FIGURE 4-2

MWH.



Site Sketch Map

Boring ID: SSV-DG-529	Sheet 1 of 1		
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014			
Job #: 10503982.3050105/ 10503982.3060105	Site: 8		
Logged By: Rob Ellis	Reviewed By:		
Drilling Contractor: EST	Drillers Name: MORGAN HUGHES		
Drill Rig Type/Method: HAND AUGER			
Sampler Type: BUCKET AUGER GRAB			
Borehole Diam (inch): 3.5"	Total Depth (ft.bgs): 9.5'		
Drill Bit Type: BUCKET AUGER			
Drill Start Time/Date: 12 JUN 14 13:20	Drill Finish Time/Date: 12 JUN 14 13:45		
Soil Vapor ID: SSV-DG-529	Soil Boring Backfill Time/Date: N/A	Backfill Material: N/A	
Soil Vapor Well Completion Time/Date: 12 JUN 14 ; 14:00	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None		
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5 ; 8.5-9.5	Surface Completion: SV probe		
Soil Vapor Well Detail Completed (yes/no): Sketched	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None		

Soil Description wildoat, grasses

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: generally flat between outcrops

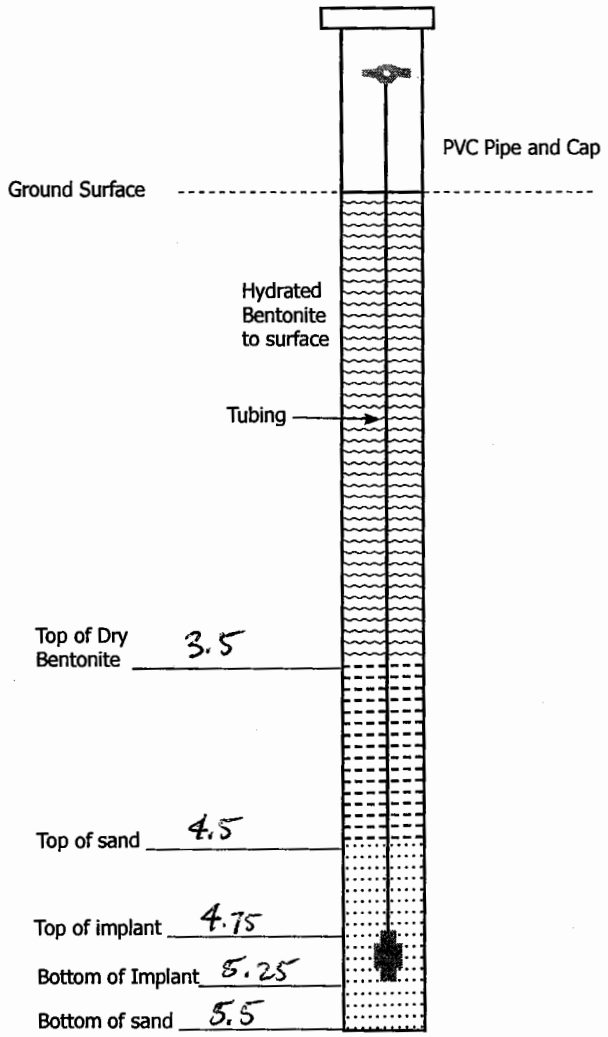
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0		9.5				0		0.0-2.5					
Mon						1	SM	Silty sand (SM) dark yellow brown (10YR 4/4), mostly fine sand (60), some silt (30), few medium sand (10) dry, loose. No stain, no odor. Fill.	–	–	10	60	30
						2							
						3		2.5-9.0					
						4		Silty sand (SM) dark yellow brown (10YR 4/6), dry, med-dense. Mostly fine sand (55), some silt (35), few medium sand (10). No stain, no odor, Fill.					
						5	SM						
						6		9.0-9.5					
						7		Poorly sorted sand (SP). Light yellowish brown (10YR 6/4). Slightly moist, loose, Mostly fine sand (80), few silt (med sand (10% est)). No stain, no odor, native soil some oxide stains	–	–	10	80	10
						8							
						9							
							SP						
							BR	TD = 9.5' bgs w/ refusal on weathered bedrock sandstone					

QA/QC
Surficial media boring log rev 2-25-2014

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-531
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SA 8
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Hand Auger
Driller: Marty Kilvelen
Borehole TD: 5.5
Probe Completion Date/Time: 1130/6-12-14
Borehole Diameter: 3.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

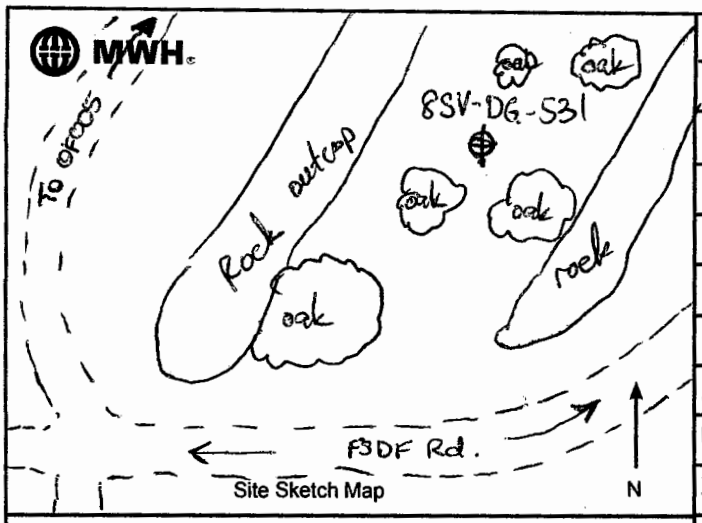
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.

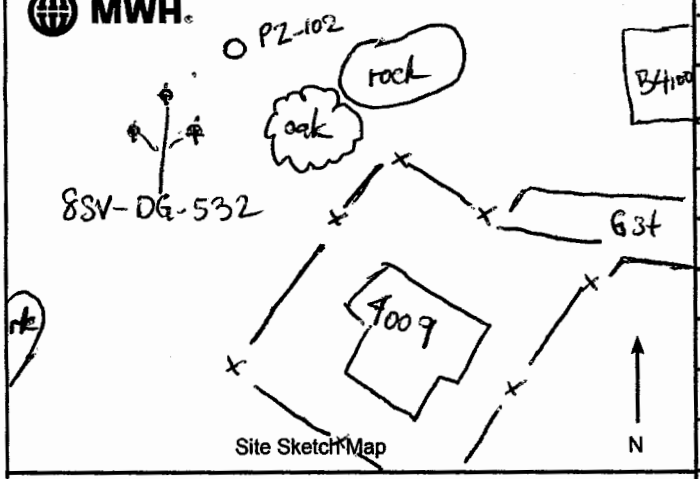


Site Sketch Map

Boring ID: 8SV-DG-531	Sheet 1 of 1
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 8
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Marty Killuhen
Drill Rig Type/Method: Hand Auger	
Sampler Type: Grab	
Borehole Diam (inch) 3.25"	Total Depth (ft bgs) 5.5'
Drill Bit Type: Standard auger bucket	
Drill Start Time/Date: 1042 / 6-12-14	Drill Finish Time/Date: 1112 / 6-12-14
Soil Vapor ID: 8SV-DG-531	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1130 / 6-12-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 4.5-5.5	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Small valley, grassy	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Silty Sand (SM), dark yellowish brown (10YR 4/4), med. dense, dry, fine sand, non-plastic silt, white calcite nodules (<1mm), no odor or staining, native	–	–	–	60	40/
						1							
						2							
						3							
						4		@4' color changes to yellowish brown (10YR 5/6), grades w/ clay, root fragment	–	–	–	60	30/10
						5							
						6	Br	Shale, weathered, brownish yellow ~~ox~~ oxidation (10YR 6/8), platy.					
						7		TD = 5.5', hand auger refusal on bedrock, install vapor probe 4.5-5.5'.					
						8							
						9							

MWH.



Site Sketch Map

Boring ID: SSV-DG-532	Sheet 1 of 1
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: Subarea 8
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Marty Kilcher
Drill Rig Type/Method: Hand auger	
Sampler Type: Grab	
Borehole Diam (inch): 3.25"	Total Depth (ft bgs): 4.0
Drill Bit Type: Standard bucket auger	
Drill Start Time/Date: 1155 / 6-12-14	Drill Finish Time/Date: 1230 / 6-12-14
Soil Boring Backfill Time/Date: 1232 / 6-12-14	Backfill Material: (N.A.)
Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None	
Surface Completion: Backfill w/ soil cuttings	
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None	

Soil Vapor ID:	N/A
Soil Vapor Well Completion Time/Date:	N/A
Soil Vapor Probe Depths (ft.bgs):	N/A
Soil Vapor Well Detail Completed (yes/no)	

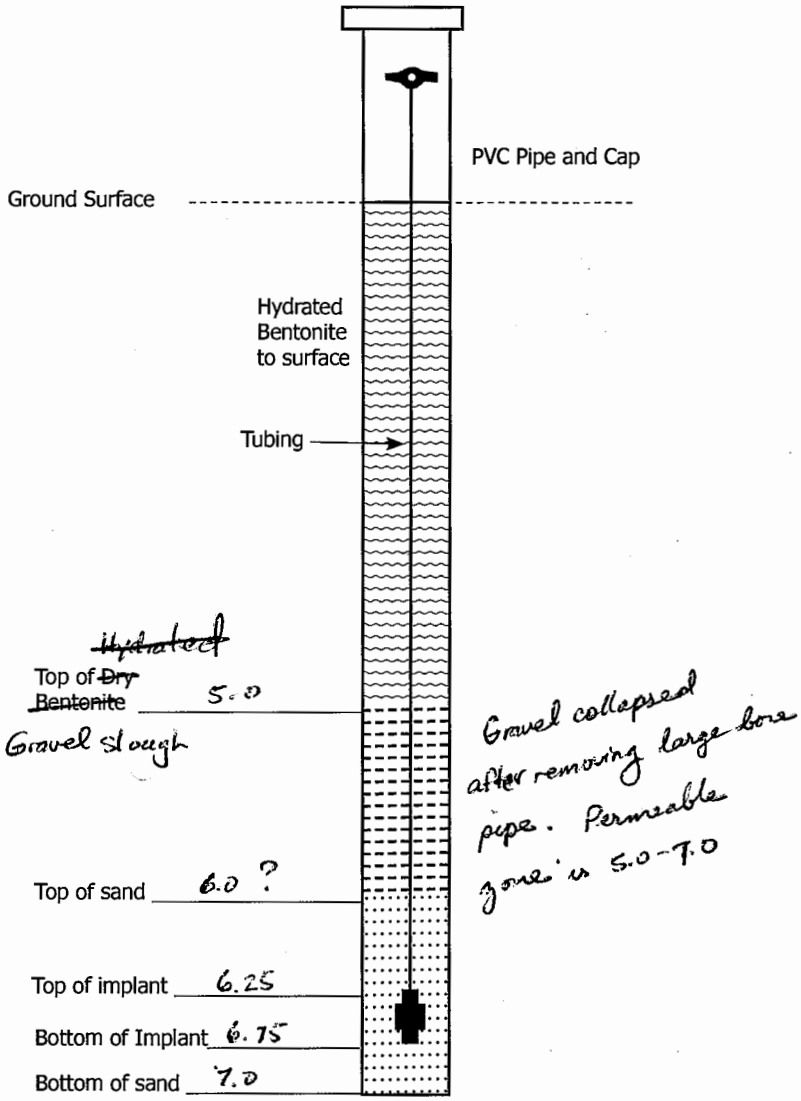
PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	SM	Surface Description: Grassy, ~20' SW from PZ-102. Silty Sand (SM), dark yellowish brown (10YR 4/6), med. dense, dry, fine sand, silt, roots, dry wood, fill		-	-	65	35
						1							
						2							
						3	CL	@3' CLAY (CL), dark yellowish brown (10YR 4/6), stiff, dry, white nodules (<1 mm), no stains or odors, ~~very~~ very difficult to auger through, native					
0.0			X		1230	4							
SVL-532-SA8-SB-3.5-4.0							BR	Sandstone(?), few fragments of weathered sandstone, poor recovery in auger bucket.					
						5							
						6							
						7		TD = 4.0 ft, refusal on bedrock; type of bedrock uncertain; need soil core to determine. Collect soil sample 3.5-4.0 and submit for VOC analyses.					
						8							
						9		Drilled 3 borings to confirm shallow refusal. 1st boring = 2.9', 2nd = 3.9', 3rd = 4.0'					

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-534
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 201
Site: SA 8
Reviewed by:
Logged by: V. Vathanasin
Drilling Contractor: EST
Rig Type/Method: Geoprobe 5400/DP
Driller: Morgan Hughes
Borehole TD: 7.0
Probe Completion Date/Time: 0950 / 5-20-14
Borehole Diameter: 1.5"

Install probe w/ large bore!



Vapor Implant Specs

Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs

Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs

Grain Size: #3
Manufacturer: Cemex

Dry Bentonite

Type: #8
Manufacturer: CETCO

Hydrated Bentonite

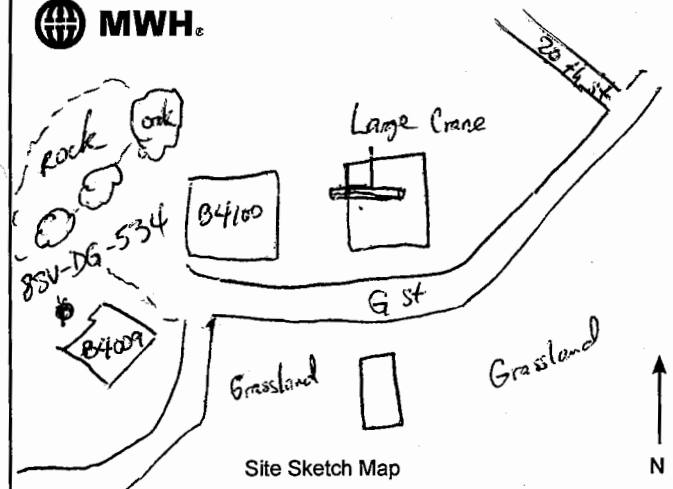
Type: #8
Manufacturer: CETCO

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

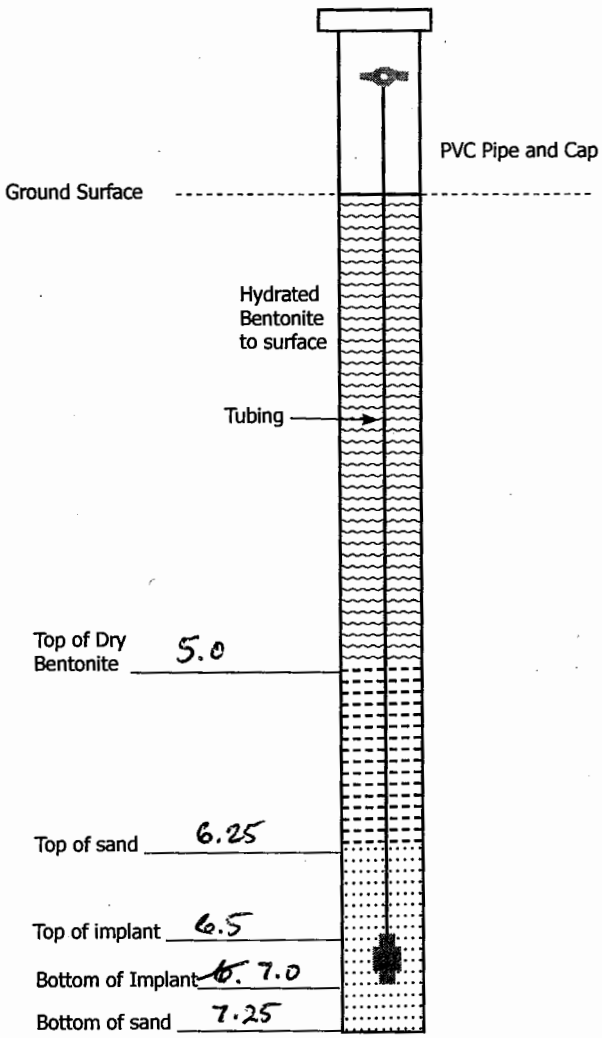
Boring ID: SSV-DG-534	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: SA 8
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Morgan Hughes
Drill Rig Type/Method: Geoprobe 5400 / DP	
Sampler Type: Macro core	
Borehole Diam (inch) 2.25"	Total Depth (ft.bgs) 7.0
Drill Bit Type: Macrocore	
Drill Start Time/Date: 0903 / 5-20-14	Drill Finish Time/Date: 0936 / 5-20-14
Soil Vapor ID: SSV-DG-534	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 0950 / 5-20-14	Observations: ☒ Debris ☐ Staining ☐ Odors ☐ Groundwater ☐ None
Soil Vapor Probe Depths (ft.bgs): 6.0 - 7.0'	Surface Completion: Vapor Probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description (1) Soil type (2) USCS Symbol (3) Munsell Color (4) Consistency/Density (5) Moisture (6) Grain Size % (7) Cementation (8) Plasticity (fines) (9) Geologic Unit (fill, alluvium, bedrock) (10) Misc. Observations — Surface Description: Asphalt	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
						0	AF	4" Asphalt	TR	-	-	65	35%
						1	SM	Silty Sand (SM), yellowish brown (10YR 5/6), med. dense, ~~dry~~ (V.) faint moisture, fine sand, low plasticity silt, trace fine angular gravel (base), no stains or odors, fill					
		26"	NONE			2							
						3		* Base gravel @ 4" to 7" caving into boring and preventing recovery					
0.0						4							
						5							
		3"				6							
						7	SP	Poorly graded Sand (SP) - Poor Recovery, observed residue					
							Br	Shale, partially weathered bedrock.					
						8		TD = 7.0', refusal on shale. Hole collapsed to 5.5 after tripping out and two ~~app~~ (V.) attempts to clear debris/gravel was unsuccessful. Drill large bore hole w/ disposable point 1-ft N. and install probe 6.0-7.0'; however, there may be gravel in the filter pack					
						9							

MWH.

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV-DG-543
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 2014
Site: SA 8
Reviewed by:
Logged by: V. Vathanasri
Drilling Contractor: EST
Rig Type/Method: Hand auger
Driller: Pedro Garcia
Borehole TD: 7.25
Probe Completion Date/Time: 1010 / 6-12-14
Borehole Diameter: 3.25"



Vapor Implant Specs
Material: Stainless Steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: Teflon
Diameter: 1/4"
Color: Clear

Sand Pack Specs
Grain Size: #3
Manufacturer: Cemex

Dry Bentonite
Type: #8
Manufacturer: Cetco

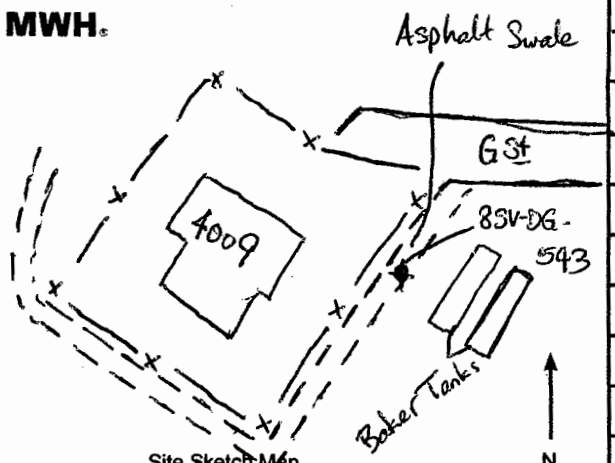
Hydrated Bentonite
Type: #8
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 8SV-DG-543	Sheet 1 of 1
Project: Phase 3 DOE Data Gap Sampling 2014	
Job #: 10503982.3050106 / 10503982.3060106	Site: SA 8 (V.V.)
Logged By: V. Vathanasin	Reviewed By:
Drilling Contractor: EST	Drillers Name: Pedro Garcia
Drill Rig Type/Method: Hand auger	
Sampler Type: Grab-	
Borehole Diam (inch): 3.25"	Total Depth (ft.bgs): 7.25
Drill Bit Type: Standard bucket auger	
Drill Start Time/Date: 0930/6-12-14	Drill Finish Time/Date: 1004/6-12-14
Soil Vapor ID: 8SV-DG-543	Soil Boring Backfill Time/Date: N/A — Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 1010/6-12-14	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 6.25'-7.25'	Surface Completion: Soil vapor probe
Soil Vapor Well Detail Completed (yes/no)	Type of Refusal: ☐ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description: 1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations

Surface Description: In drainage E. of 4009, E. bank

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Sand: Medium	Sand: Fine	Silt/clay
						0	CL	2" Asphalt	-	-	-	25	/75
						1		Sandy Clay (CL), yellowish brown (10YR 5/4), med stiff, moist, med. plasticity clay, fine sand, no stains or odors, disturbed soil (fill).					
						2							
						3		@3' color changes to yellowish brown (10YR 5/8)					
						4							
0.0						5		Grades w/ calcite cement					
						6	SP-SM	Poorly Graded Sand w/ Silt (SP-SM), brownish yellow (10YR 6/6), loose, dry, fine sand, non-plastic silt, no stains or odors, native soil	-	-	-	90	10/
						7	Br						
						8							
0.0						9		Sandstone, weathered					
								TD= 7.25', refusal on bedrock. Install vapor probe @ 6.25'-7.25'. Probe set on E. bank of drainage. HDPE pipe in middle of drainage cannot be moved.					

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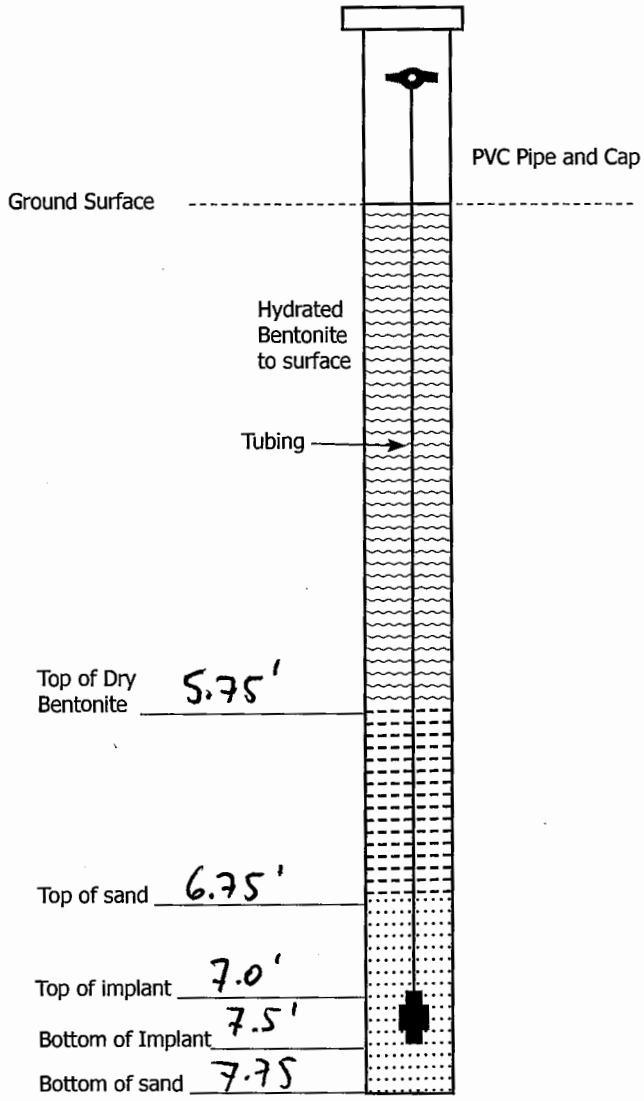
MWH

Single Soil Vapor Probe Construction Diagram

Probe ID/Soil ID: SSV_DG-545
Job #: 10503982.3050105/10503982.3060105
Project: Phase 3 DOE Data Gap Sampling 20
Site: 8
Reviewed by:
Logged by: ROB ELLIS
Drilling Contractor: EST
Rig Type/Method: HAND AUGER
Driller: MORGAN HUGHES
Borehole TD: 7.8' bgs
Probe Completion Date/Time: 12 JUN 13, 08:30
Borehole Diameter: 3.5"



Vapor Implant Specs
Material: stainless steel
Length: 6"
Diameter: 3/8"

Tubing Specs
Material: teflon
Diameter: 1/4"
Color: clear

Sand Pack Specs
Grain Size: #3 sand
Manufacturer: Cemex

Dry Bentonite
Type: #8 crumbles
Manufacturer: Cetco

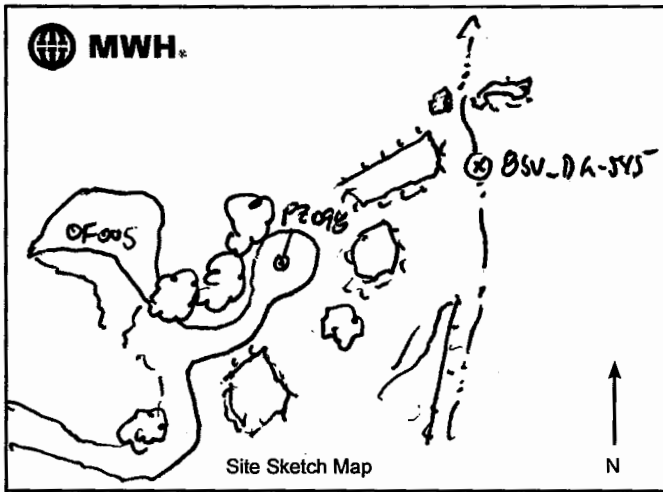
Hydrated Bentonite
Type: #8 crumbles
Manufacturer: Cetco

Notes:

1. Probes not drawn to scale.

FIGURE 4-1

MWH.



Site Sketch Map

Boring ID: 8SV_DG-545	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 8
Logged By: ROB ELLIS	Reviewed By:
Drilling Contractor: EST	Drillers Name: MORGAN HUNTER
Drill Rig Type/Method: HAND AUGER	
Sampler Type: BUCKET AUGER GRAB	
Borehole Diam (inch): 3.5"	Total Depth (ft.bgs): 7.8'
Drill Bit Type: BUCKET AUGER	
Drill Start Time/Date: 12 JUN 14 ; 08:10	Drill Finish Time/Date: 12 JUN 14 ; 08:24
Soil Vapor ID: 8SV_DG-545	Soil Boring Backfill Time/Date: N/A Backfill Material: N/A
Soil Vapor Well Completion Time/Date: 12 JUN 14 ; 08:30	Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None
Soil Vapor Probe Depths (ft.bgs): 6.75' – 7.75'	Surface Completion: SV PROBE
Soil Vapor Well Detail Completed (yes/no) attached.	Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None

Soil Description: 1) Soil type 2) USCS Symbol 3) Munsell Color 4) Consistency/Density 5) Moisture 6) Grain Size % 7) Cementation 8) Plasticity (fines) 9) Geologic Unit (fill, alluvium, bedrock) 10) Misc. Observations — poison oak, yerba santa.

Surface Description: in thalweg; grassy

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
0.0 ppm		7.8'				0–1	SM	0.0 – 3.5 Silty sand (SM) dark yellowish brown (10YR 4/4). Slightly moist, loose. Mostly fine sand (55), some silt (35), few coarse + medium sand (5 each). No stain, odor. Native.	–	5	5	55	35
						3–4	SP-SM	3.5 – 7.75 Poorly sorted sand with silt (SP-SM), yellowish brown (10YR 5/6). Loose, slightly moist. Mostly fine sand (65), little silt (25), few med. sand (10). No stain, no odor. Native soil.	–	–	10	65	25
						7–8	SP	7.75 – 7.8 Weathered sandstone bedrock, fine, medium grained, highly weathered (W4); weak (R2), soft (H6) oxide staining. Brownish yellow overall (10YR 6/6).					

TD = 7.8' bgs w/ refusal on weathered sandstone

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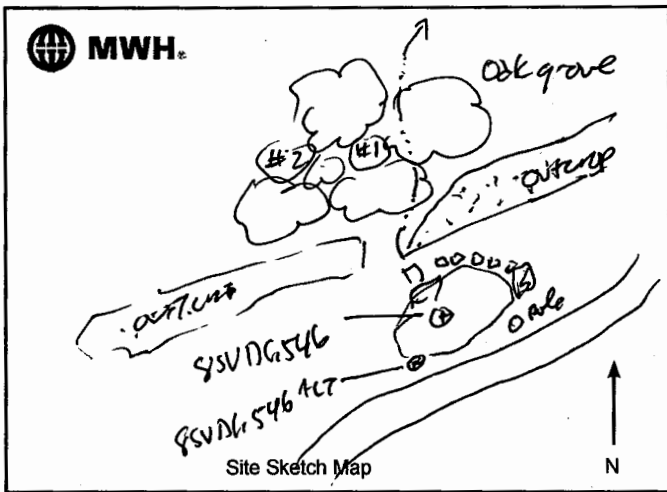
MWH.



Site Sketch Map

Boring ID: SSV_DG-546	Sheet 1 of 1
Project: Phase 3 DOE Soil Vapor Data Gap Sampling 2014	
Job #: 10503982.3050105/ 10503982.3060105	Site: 8
Logged By: RWB ELLIS	Reviewed By:
Drilling Contractor: EST	Drillers Name: MORGAN HUGHES
Drill Rig Type/Method: HAND AUGER	
Sampler Type: BUCKET AUGER GRAB	
Borehole Diam (inch): 3.5"	Total Depth (ft.bgs): 4.9'
Drill Bit Type: BUCKET AUGER	
Drill Start Time/Date: 09:44 12JUN14	Drill Finish Time/Date: 10:26 12JUN14
Soil Boring Backfill Time/Date: 10:33 12JUN14	Backfill Material: SOIL CUTTINGS 12JUN14
Observations: ☐ Debris ☐ Staining ☐ Odors ☐ Groundwater ☒ None	
Surface Completion: NONE	
Type of Refusal: ☒ Bedrock ☐ Debris ☐ Gravel ☐ Unknown ☐ None	

Soil Vapor ID:	N/A
Soil Vapor Well Completion Time/Date:	N/A
Soil Vapor Probe Depths (ft.bgs):	N/A
Soil Vapor Well Detail Completed (yes/no)	N/A

Soil Description wild oat

1) Soil type
2) USCS Symbol
3) Munsell Color
4) Consistency/Density
5) Moisture
6) Grain Size %
7) Cementation
8) Plasticity (fines)
9) Geologic Unit (fill, alluvium, bedrock)
10) Misc. Observations

Surface Description: on bank next to drainage.

PID/OVA	Sample Interval	Recovered (in.)	Retained for Analysis	Sample Number	Sample Time	Depth (Feet)	USCS Soil Type	Soil Description	Gravel	Estimated % of Sand: Coarse	Medium	Fine	Silt/clay
		4.9'				0		0-4.9					
						1		Silty sand (SM); brown	–	–	10	60	30
								(10YR 4/3) transitioning to					
						2		(10YR 4/4) gradually. Loose,					
							SM	dry. Mostly fine sand (60),					
						3		some silt (30); few medium					
								sand (10). No stain, no					
						4		odor; probable native.					
			☒	4.4				Proximal oak trees, within					
				4.9		4.9'		20' feet; but fine oak roots					
Sample @ 10:25						5		throughout; one up to 3/4" for no root					
SVL-546-SA8-SB-4.4-4.9 MS						6		• Location moved downgradient					
+ Dup1 @ 10:30								and stepped 5.5' (W) from the dwg.					
SVL-546-SA8-SB-4.4-4.9						7		for #1; refusal @ 3.0',					
12 µRem 52 cpm								stepped additional 5.3' (W) to					
0.0 ppm @ 10:25h						8		location #2. TD = 4.9'					
9 encores + 1 8oz jar								w/ refusal on weathered					
						9		bedrock.					

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APPENDIX B

SOIL VAPOR ANALYTICAL RESULTS

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.014	U	0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.014	U	0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.031	U	0.031	0.0077	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0081	U	0.0081	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0081	U	0.0081	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0018	J	0.0064	0.0013	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.013	UJ	0.013	0.0025	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0053	U	0.0053	0.0011	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.016		0.0098	0.002	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0099	U	0.0099	0.002	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0087	U	0.0087	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.019	U	0.019	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.011	U	0.011	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.031		0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0075	U	0.0075	0.0015	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.011	U	0.011	0.0021	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 8:51	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0051	U	0.0051	0.001	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.014	U	0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.014	U	0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.031	U	0.031	0.0077	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0081	U	0.0081	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0081	U	0.0081	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0056	J	0.0064	0.0013	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.013	UJ	0.013	0.0025	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0053	U	0.0053	0.0011	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.058		0.0098	0.002	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0099	U	0.0099	0.002	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0087	U	0.0087	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.023	U	0.023	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.011	U	0.011	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.027		0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.015		0.0075	0.0015	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.011	U	0.011	0.0021	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 9:12	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0051	U	0.0051	0.001	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.014	U	0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.014	U	0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.031	U	0.031	0.0077	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0081	U	0.0081	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0081	U	0.0081	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0044	J	0.0064	0.0013	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.013	UJ	0.013	0.0025	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0053	U	0.0053	0.0011	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.016		0.0098	0.002	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0099	U	0.0099	0.002	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0087	U	0.0087	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.015	U	0.015	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0087	U	0.0087	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.024		0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.008		0.0075	0.0015	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.011	U	0.011	0.0021	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 9:54	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0051	U	0.0051	0.001	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.069	U	0.069	0.014	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.055	U	0.055	0.011	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.014	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.15	0.038	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.055	U	0.055	0.011	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.04	U	0.04	0.0081	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.04	U	0.04	0.0079	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.04	U	0.04	0.0081	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.014	J	0.032	0.0064	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.063	UJ	0.063	0.013	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.026	U	0.026	0.0053	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.049	U	0.049	0.0098	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.04	U	0.04	0.0079	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.049	U	0.049	0.0099	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.043	U	0.043	0.0087	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.035	U	0.035	0.0069	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.043	U	0.043	0.0087	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.043	U	0.043	0.0087	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.068	U	0.068	0.014	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.019	J	0.038	0.0075	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.04	U	0.04	0.0079	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.054	U	0.054	0.011	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.056	U	0.056	0.011	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.026	U	0.026	0.0051	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.014	U	0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.014	U	0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.031	U	0.031	0.0077	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0081	U	0.0081	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0081	U	0.0081	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0068		0.0064	0.0013	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.013	UJ	0.013	0.0025	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0053	U	0.0053	0.0011	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.006	J	0.0098	0.002	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0099	U	0.0099	0.002	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.011	U	0.011	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.034		0.0087	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.016	U	0.016	0.0017	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.032		0.014	0.0027	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.019		0.0075	0.0015	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.0079	U	0.0079	0.0016	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.011	U	0.011	0.0021	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.011	U	0.011	0.0022	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-504	SVL-504-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0051	U	0.0051	0.001	1481734	Lancaster	Y	V	1481734	267581.39112	1785330.03449	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.019		0.0032	0.00064	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.11		0.0049	0.00099	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.02		0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.062		0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.028		0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0037	J	0.0068	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.022		0.0038	0.00075	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.036		0.0054	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.027		0.0056	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-10.0-11.0	Primary Sample	--	6/10/2014 12:04	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.018		0.0032	0.00064	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.073		0.0049	0.00099	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.019		0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.058		0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.027		0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0029	J	0.0068	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.022		0.0038	0.00075	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0011	J	0.0054	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-15.0-16.0	Primary Sample	--	6/10/2014 12:39	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0031	J	0.0032	0.00064	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.054		0.0049	0.00099	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.034		0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.081		0.043	0.0087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.07		0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0043	J	0.0068	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0076		0.0038	0.00075	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-20.0-21.0	Primary Sample	--	6/10/2014 13:03	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00068	J	0.0032	0.00064	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.054		0.0049	0.00099	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0044	U	0.0044	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.012	U	0.012	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0073	U	0.0073	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0041	J	0.0068	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0038	U	0.0038	0.00075	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-25.0-26.0	Primary Sample	--	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0037	J	0.004	0.00081	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0032	U	0.0032	0.00064	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0014	J	0.0049	0.00098	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0085	U	0.0085	0.00099	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.012		0.0035	0.00069	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0055	U	0.0055	0.00075	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-509-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 11:30	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481734	Lancaster	Y	V	1481734	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.056		0.00989	0.00359	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.00371	J	0.0174	0.00217	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00195	J	0.00868	0.00117	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.00337	J	0.0136	0.00173	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00754	U	0.00754	0.000961	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-509	SVL-909-SA5A-SV-25.0-26.0	Split Sample	SVL-509-SA5A-SV-25.0-26.0	6/10/2014 14:19	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	267607.91344	1785374.66321	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0013	J	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0027	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0086		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0052		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.005	J	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0031	J	0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-512	SVL-512-SA5A-SV-5.5-6.5	Primary Sample	--	6/11/2014 7:54	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267568.79566	1785519.79318	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00066	J	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00097	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0016	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0014	J	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.005		0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-10.0-11.0	Primary Sample	--	6/11/2014 8:50	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.001	J	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0024	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0061		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0037	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.002	J	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0015	J	0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-521	SVL-521-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 8:24	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267551.02192	1785772.77804	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0067	J	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0032	U	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0021	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0079		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0047		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0043		0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-522	SVL-522-SA5A-SV-7.5-8.5	Primary Sample	--	6/11/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267688.12876	1785725.66263	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.034	U	0.034	0.0069	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.027	U	0.027	0.0055	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.034	U	0.034	0.0069	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.077	U	0.077	0.019	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.027	U	0.027	0.0055	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.02	U	0.02	0.004	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.02	U	0.02	0.004	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.02	U	0.02	0.004	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.019		0.016	0.0032	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.031	U	0.031	0.0063	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.013	U	0.013	0.0026	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.024	U	0.024	0.0049	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.02	U	0.02	0.004	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.025	U	0.025	0.0049	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0061	J	0.022	0.0043	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.017	U	0.017	0.0035	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.016	J	0.022	0.0043	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0075	J	0.022	0.0043	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.034	U	0.034	0.0068	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.03		0.019	0.0038	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.02	U	0.02	0.004	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.027	U	0.027	0.0054	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.028	U	0.028	0.0056	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 9:31	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.013	U	0.013	0.0026	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.049		0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0088		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.02		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.01		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0044	J	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.053		0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-528	SVL-528-SA5A-SV-9.0-10.0	Primary Sample	--	6/11/2014 10:02	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267538.77202	1786017.96499	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-537	SVL-537-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:23	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267443.15003	1785638.09580	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-4.5-5.5	Primary Sample	--	6/10/2014 10:57	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0058	J	0.02	0.0043	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-540	SVL-540-SA5A-SV-8.5-9.5	Primary Sample	--	6/10/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267399.98501	1785830.45506	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0062	J	0.02	0.0043	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place
5ASV_DG-543	SVL-543-SA5A-SV-5.0-6.0	Primary Sample	--	6/10/2014 12:26	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267341.61611	1785948.30912	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-546	SVL-546-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267444.16517	1786178.41882	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-547	SVL-547-SA5A-SV-6.0-7.0	Primary Sample	--	6/10/2014 13:42	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267368.80978	1786117.79543	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0012	J	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0011	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.002	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0014	J	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0013	J	0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-10.5-11.5	Primary Sample	--	6/11/2014 11:54	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00082	J	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0014	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0044	U	0.0044	0.00087	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0029	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.001	J	0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-560	SVL-560-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 11:26	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267666.51641	1785942.27651	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0032	U	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0012	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0022	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00093	J	0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-12.0-13.0	Primary Sample	--	6/11/2014 14:10	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0018	J	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.011	J	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00076	J	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.0034	J	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.041	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.064		0.043	0.0087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.11	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.16	J	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0052	J	0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.018	J	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-565-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:35	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	UJ	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0032	U	0.0032	0.00064	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0015	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0057		0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0033	J	0.0043	0.00087	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	UJ	0.0068	0.0014	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0017	J	0.0038	0.00075	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	UJ	0.0054	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-565	SVL-865-SA5A-SV-5.0-6.0	Field Duplicate	SVL-565-SA5A-SV-5.0-6.0	6/11/2014 13:43	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1481735	Lancaster	Y	V	1481735	267729.05578	1786095.49730	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-568	SVL-568-SA5A-SV-6.0-7.0	Primary Sample	--	6/11/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267724.62275	1786201.86155	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-570	SVL-570-SA5A-SV-7.0-8.0	Primary Sample	--	6/11/2014 12:34	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267633.78287	1786137.55122	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-582	SVL-582-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267625.76939	1786578.67756	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-592	SVL-592-SA5A-SV-5.0-6.0	Primary Sample	--	6/11/2014 13:43	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266933.99799	1786137.42180	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0032	U	0.0032	0.00064	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	UJ	0.0063	0.0013	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0049	U	0.0049	0.00069	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0038	U	0.0038	0.00075	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-595	SVL-595-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1482106	Lancaster	Y	V	1482106	266646.39243	1786320.65167	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0177		0.0153	0.00625	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.00218	J	0.0174	0.00217	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00868	U	0.00868	0.00117	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00131	J	0.00754	0.000961	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-1009-SA5A-SV-7.0-8.0	Split Sample	SVL-609-SA5A-SV-7.0-8.0	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56665-1	TestAmerica - Denver	Y	V	280-56665-1	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.019		0.015	0.0038	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0032	U	0.0032	0.00064	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	UJ	0.0063	0.0013	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0038	U	0.0038	0.00075	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-609	SVL-609-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 13:20	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1482106	Lancaster	Y	V	1482106	266852.42119	1786654.64425	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0019	J	0.0032	0.00064	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	UJ	0.0063	0.0013	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0038	U	0.0038	0.00075	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-616	SVL-616-SA5A-SV-6.5-7.5	Primary Sample	--	6/12/2014 10:03	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1482106	Lancaster	Y	V	1482106	267168.10430	1786684.50676	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0032	U	0.0032	0.00064	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	UJ	0.0063	0.0013	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0012	J	0.0049	0.00098	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0027	J	0.0068	0.0014	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0038	U	0.0038	0.00075	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-618	SVL-618-SA5A-SV-5.0-6.0	Primary Sample	--	6/12/2014 11:01	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1482106	Lancaster	Y	V	1482106	267387.66979	1786840.82390	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00085	J	0.0032	0.00064	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	UJ	0.0063	0.0013	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0047	U	0.0047	0.00087	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0038	U	0.0038	0.00075	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-619	SVL-619-SA5A-SV-4.5-5.5	Primary Sample	--	6/12/2014 10:33	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1482106	Lancaster	Y	V	1482106	267374.11212	1786666.31403	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0015	J	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0029	J	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.005		0.0032	0.00064	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.015		0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.081		0.0035	0.00069	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.024		0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.012		0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0031	J	0.0068	0.0014	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.17		0.038	0.0075	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.088		0.004	0.00079	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.024		0.0054	0.0011	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-622	SVL-622-SA5A-SV-6.0-7.0	Primary Sample	--	6/12/2014 11:25	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1482106	Lancaster	Y	V	1482106	267459.02198	1786788.11813	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-626-SA5A-SV-5.5-6.5	Primary Sample	--	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.011	J	0.02	0.011	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-626	SVL-926-SA5A-SV-5.5-6.5	Field Duplicate	SVL-626-SA5A-SV-5.5-6.5	6/12/2014 7:48	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	267486.27504	1786947.97265	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00067	J	0.0032	0.00064	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0059	U	0.0059	0.00087	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0038	U	0.0038	0.00075	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place
5ASV_DG-629	SVL-629-SA5A-SV-7.0-8.0	Primary Sample	--	6/12/2014 12:01	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1482106	Lancaster	Y	V	1482106	267542.67708	1787185.20208	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.055		0.0032	0.00064	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.05		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.17		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.058		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0027	J	0.0068	0.0014	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.28	J	0.0038	0.00075	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-503	SVL-503-SA5B-SV-7.0-8.0	Primary Sample	--	5/21/2014 15:50	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476964	Lancaster	Y	V	1476964	267351.26640	1784783.51700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.002	J	0.0032	0.00064	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.024		0.0049	0.00099	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.012	U	0.012	0.00087	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.008	U	0.008	0.00087	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0025	J	0.0038	0.00075	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.01		0.0056	0.0011	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-512	SVL-512-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 11:11	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476964	Lancaster	Y	V	1476964	267474.81890	1784961.44700	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00073	J	0.0032	0.00064	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0056		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00082	J	0.0035	0.00069	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.026		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.012		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.026		0.0068	0.0014	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0078		0.0038	0.00075	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0016	J	0.0056	0.0011	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 12:47	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00089	J	0.0032	0.00064	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0067	U	0.0067	0.00087	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.014		0.0068	0.0014	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0026	J	0.0038	0.00075	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0016	J	0.0056	0.0011	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-516-SA5B-SV-6.0-7.0	Primary Sample	--	5/21/2014 12:23	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476964	Lancaster	Y	V	1476964	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0014	U	0.0075	0.0014	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00047	U	0.003	0.00047	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.001	U	0.0076	0.001	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0061	J	0.013	0.00059	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0011	U	0.003	0.0011	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00028	U	0.0022	0.00028	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.00087	U	0.0022	0.00087	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00031	U	0.0022	0.00031	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0003	U	0.0018	0.0003	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00043	U	0.0035	0.00043	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0007	U	0.0015	0.0007	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00037	U	0.0027	0.00037	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00038	U	0.0022	0.00038	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00032	U	0.0027	0.00032	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0038	U	0.0038	0.00069	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.019	U	0.019	0.00095	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.017		0.0096	0.0016	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0076	U	0.0076	0.00075	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.025		0.0037	0.0005	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0068		0.0021	0.00056	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00055	U	0.0022	0.00055	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.00041	U	0.003	0.00041	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0033	J	0.0062	0.0011	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-516	SVL-916-SA5B-SV-12.5-13.5	Split Sample	SVL-516-SA5B-SV-12.5-13.5	5/21/2014 12:55	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00062	U	0.0014	0.00062	14-05-1846	Calscience	Y	V	14-05-1846	267554.46750	1785034.40400	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.057		0.02	0.0054	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.03		0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	2.7		0.02	0.0053	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-13.0-14.0	Primary Sample	--	6/13/2014 8:59	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.071		0.02	0.0054	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.014	J	0.02	0.011	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	2.7		0.02	0.0053	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-525-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.053		0.02	0.0054	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	2.4		0.02	0.0053	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-825-SA5B-SV-8.0-9.0	Field Duplicate	SVL-525-SA5B-SV-8.0-9.0	6/13/2014 8:35	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0014	U	0.0074	0.0014	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.076		0.0029	0.00046	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.001	U	0.0074	0.001	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0046	J	0.012	0.00058	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0011	U	0.0029	0.0011	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0022		0.0022	0.00028	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.00085	U	0.0021	0.00085	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0003	U	0.0022	0.0003	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0028		0.0017	0.00029	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00042	U	0.0034	0.00042	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00069	U	0.0014	0.00069	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00036	U	0.0026	0.00036	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00037	U	0.0021	0.00037	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0074	U	0.0074	0.00032	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0027		0.0023	0.00068	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.019	U	0.019	0.00093	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0094	U	0.0094	0.0016	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0011	J	0.0023	0.00073	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0067		0.0037	0.00049	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.002	U	0.002	0.00055	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00054	U	0.0021	0.00054	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.044		0.0029	0.0004	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Lab Repeat Analysis	EPA TO-15	Trichlorofluoromethane	1.2		0.025	0.0042	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-525	SVL-925-SA5B-SV-13.0-14.0	Split Sample	SVL-525-SA5B-SV-13.0-14.0	6/13/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00061	U	0.0014	0.00061	14-06-1132	Calscience	Y	V	14-06-1132	267391.48745	1785145.77292	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.041		0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.018		0.015	0.0038	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0048		0.004	0.00081	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0018	J	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0011	J	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.053		0.0032	0.00064	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.012	U	0.012	0.00099	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.1		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00087	J	0.0035	0.00069	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.22		0.043	0.0087	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.14		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0096		0.0068	0.0014	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.32		0.038	0.0075	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0021	J	0.0054	0.0011	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	3.5		0.14	0.028	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-12.5-13.5	Primary Sample	--	5/21/2014 9:57	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.036		0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0066	J	0.015	0.0038	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0012	J	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.022		0.0032	0.00064	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0011	J	0.0049	0.00098	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.087		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.23		0.043	0.0087	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.12		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0054	J	0.0068	0.0014	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.24		0.038	0.0075	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.96	J	1.1	0.22	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-526	SVL-526-SA5B-SV-5.0-6.0	Primary Sample	--	5/21/2014 9:15	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476964	Lancaster	Y	V	1476964	267403.40630	1785102.62200	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0035	J	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.11		0.015	0.0038	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0022	J	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.005		0.0032	0.00064	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0012	J	0.0049	0.00098	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.068		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.23		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.081		0.0043	0.00087	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0028	J	0.0068	0.0014	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.18		0.0038	0.00075	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.002	J	0.0054	0.0011	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	1.9		1.1	0.22	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-530	SVL-530-SA5B-SV-6.75-7.75	Primary Sample	--	5/21/2014 14:31	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476964	Lancaster	Y	V	1476964	267359.58200	1784982.72900	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2		0.02	0.012	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	1.1		0.02	0.0053	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-10.0-11.0	Primary Sample	--	6/4/2014 12:53	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.2	U	0.2	0.09	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.2	U	0.2	0.054	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.2	UJ	0.2	0.089	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	7.9		0.2	0.12	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.2	U	0.2	0.063	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.2	U	0.2	0.062	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.2	U	0.2	0.072	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.2	U	0.2	0.11	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.2	U	0.2	0.041	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.2	U	0.2	0.12	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.2	U	0.2	0.16	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.2	UJ	0.2	0.06	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.2	U	0.2	0.094	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.2	U	0.2	0.11	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.2	U	0.2	0.03	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.2	U	0.2	0.1	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.2	U	0.2	0.08	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.2	U	0.2	0.089	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.2	U	0.2	0.053	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.2	UJ	0.2	0.043	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.2	U	0.2	0.039	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.2	U	0.2	0.12	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	10		0.2	0.053	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-16.75-17.75	Primary Sample	--	6/4/2014 13:20	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.2	U	0.2	0.1	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.21		0.02	0.012	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	1.1		0.02	0.0053	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-531	SVL-531-SA5B-SV-5.0-6.0	Primary Sample	--	6/4/2014 11:40	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267288.16802	1785018.03170	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-552-SA5B-SV-5.3-6.3	Primary Sample	--	6/5/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0013	U	0.0069	0.0013	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00043	U	0.0027	0.00043	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.00095	U	0.0069	0.00095	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00054	U	0.011	0.00054	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.001	U	0.0027	0.001	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00026	U	0.002	0.00026	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.00079	U	0.002	0.00079	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00028	U	0.002	0.00028	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00027	U	0.0016	0.00027	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00039	U	0.0031	0.00039	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00064	U	0.0013	0.00064	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0019	J	0.0024	0.00034	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00035	U	0.002	0.00035	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0026		0.0025	0.00029	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00063	U	0.0022	0.00063	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.017	U	0.017	0.00086	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0014	U	0.0087	0.0014	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00068	U	0.0022	0.00068	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0011	J	0.0034	0.00046	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00082	J	0.0019	0.00051	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.0005	U	0.002	0.0005	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.00037	U	0.0027	0.00037	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.00096	U	0.0056	0.00096	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-552	SVL-952-SA5B-SV-5.3-6.3	Split Sample	SVL-552-SA5B-SV-5.3-6.3	6/5/2014 12:00	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00057	U	0.0013	0.00057	14-06-0556	Calscience	Y	V	14-06-0556	267296.81211	1785412.70839	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-555	SVL-555-SA5B-SV-7.2-8.2	Primary Sample	--	6/5/2014 13:02	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	267138.16526	1785281.41733	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.048	J	0.02	0.016	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-557-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-557	SVL-857-SA5B-SV-4.5-5.5	Field Duplicate	SVL-557-SA5B-SV-4.5-5.5	6/11/2014 8:08	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	267164.07344	1785536.96712	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00096	J	0.0032	0.00064	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00098	J	0.0049	0.00098	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0093		0.0043	0.00087	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.032		0.0043	0.00087	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.019	U	0.019	0.00087	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0064	J	0.0068	0.0014	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0047	U	0.0047	0.00075	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0023	J	0.0054	0.0011	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-560-SA5B-SV-7.0-8.0	Primary Sample	--	5/22/2014 14:30	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476965	Lancaster	Y	V	1476965	267089.42790	1785110.48700	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0013	U	0.0069	0.0013	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00043	U	0.0028	0.00043	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.00095	U	0.0069	0.00095	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0044	J	0.012	0.00054	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.001	U	0.0028	0.001	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00026	U	0.002	0.00026	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0008	U	0.002	0.0008	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00028	U	0.002	0.00028	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0019		0.0016	0.00027	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00039	U	0.0032	0.00039	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00064	U	0.0013	0.00064	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00034	U	0.0025	0.00034	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00035	U	0.002	0.00035	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.004	U	0.004	0.0003	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0059	U	0.0059	0.00064	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.018	U	0.018	0.00087	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.02	U	0.02	0.0015	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.011	U	0.011	0.00069	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0062		0.0034	0.00046	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.006	U	0.006	0.00051	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00051	U	0.002	0.00051	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0043		0.0027	0.00038	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0057	U	0.0057	0.00097	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-560	SVL-960-SA5B-SV-7.0-8.0	Split Sample	SVL-560-SA5B-SV-7.0-8.0	5/22/2014 14:38	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00057	U	0.0013	0.00057	14-05-1846	Calscience	Y	V	14-05-1846	267089.42790	1785110.48700	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.023		0.02	0.0053	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-561	SVL-561-SA5B-SV-9.0-10.0	Primary Sample	--	6/13/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267013.99262	1785061.15058	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0014	J	0.0032	0.00064	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.024		0.0043	0.00087	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.077		0.0043	0.00087	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.036		0.0043	0.00087	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0038	J	0.0068	0.0014	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.022	U	0.022	0.00075	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-5.0-6.0	Primary Sample	--	5/22/2014 12:09	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476965	Lancaster	Y	V	1476965	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.021		0.02	0.016	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0064	J	0.02	0.0043	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-562	SVL-562-SA5B-SV-8.0-9.0	Primary Sample	--	6/13/2014 10:05	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	267002.42770	1784996.21600	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.015	J	0.02	0.0054	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-567-SA5B-SV-4.5-5.5	Primary Sample	--	6/11/2014 8:56	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0104		0.00818	0.00177	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.00229	J	0.0174	0.00217	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00129	J	0.00868	0.00117	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00189	J	0.00754	0.000961	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-567	SVL-967-SA5B-SV-4.5-5.5	Split Sample	SVL-567-SA5B-SV-4.5-5.5	6/11/2014 9:01	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	266786.09649	1785104.52993	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-577	SVL-577-SA5B-SV-5.2-6.2	Primary Sample	--	6/11/2014 10:56	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266475.59593	1785400.60182	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-578	SVL-578-SA5B-SV-8.0-9.0	Primary Sample	--	6/6/2014 12:30	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266450.65285	1785486.62767	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-579	SVL-579-SA5B-SV-6.5-7.5	Primary Sample	--	6/11/2014 9:36	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266425.18846	1785570.62549	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-580-SA5B-SV-7.0-8.0	Primary Sample	--	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-580	SVL-880-SA5B-SV-7.0-8.0	Field Duplicate	SVL-580-SA5B-SV-7.0-8.0	6/18/2014 8:09	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266354.73446	1785489.58952	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-10.0-11.0	Primary Sample	--	6/9/2014 11:31	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-15.0-16.0	Primary Sample	--	6/9/2014 12:25	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.0054	J	0.02	0.0053	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-20.0-21.0	Primary Sample	--	6/9/2014 12:49	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-584	SVL-584-SA5B-SV-5.0-6.0	Primary Sample	--	6/9/2014 11:03	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	267040.52845	1785593.31552	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.0088	J	0.02	0.008	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-590	SVL-590-SA5B-SV-6.0-7.0	Primary Sample	--	6/6/2014 9:27	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266878.07014	1785876.09500	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-593	SVL-593-SA5B-SV-5.0-6.0	Primary Sample	--	6/11/2014 10:21	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41101	EST	Y	V	3F41101	266693.83656	1785846.65870	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-594	SVL-594-SA5B-SV-5.0-6.0	Primary Sample	--	6/6/2014 10:18	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266719.90594	1785996.14955	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-599-SA5B-SV-8.0-9.0	Primary Sample	--	6/18/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0174	U	0.0174	0.00217	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00868	U	0.00868	0.00117	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00754	U	0.00754	0.000961	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-599	SVL-999-SA5B-SV-8.0-9.0	Split Sample	SVL-599-SA5B-SV-8.0-9.0	6/18/2014 9:18	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266502.81244	1785887.02876	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place
5BSV_DG-606	SVL-606-SA5B-SV-5.5-6.5	Primary Sample	--	6/6/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266353.55699	1785763.18212	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5BSV_DG-612	SVL-612-SA5B-SV-4.5-5.5	Primary Sample	--	6/6/2014 11:19	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266599.05617	1785879.09543	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	UJ	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.017	J	0.02	0.011	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-10.0-11.0	Primary Sample	--	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	UJ	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0054	J	0.02	0.0043	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-15.0-16.0	Primary Sample	--	6/2/2014 11:59	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	UJ	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.009	J	0.02	0.0043	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-505-SA5C-SV-5.0-6.0	Primary Sample	--	6/2/2014 10:52	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	UJ	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0076	J	0.02	0.0043	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-805-SA5C-SV-10.0-11.0	Field Duplicate	SVL-505-SA5C-SV-10.0-11.0	6/2/2014 11:24	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0014	U	0.0076	0.0014	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00047	U	0.003	0.00047	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.001	U	0.0076	0.001	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	J	0.013	0.00059	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0011	U	0.003	0.0011	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00028	U	0.0022	0.00028	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.00087	U	0.0022	0.00087	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00031	U	0.0022	0.00031	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0021		0.0018	0.0003	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00043	U	0.0035	0.00043	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0007	U	0.0015	0.0007	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00037	U	0.0027	0.00037	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00038	U	0.0022	0.00038	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0026	J	0.0027	0.00032	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0031		0.0024	0.00069	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.019	U	0.019	0.00095	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.01		0.0096	0.0016	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0035		0.0024	0.00075	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.00051	J	0.0037	0.0005	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0069		0.0021	0.00056	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00055	U	0.0022	0.00055	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.00075	J	0.003	0.00041	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0016	J	0.0062	0.0011	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-505	SVL-905-SA5C-SV-15.0-16.0	Split Sample	SVL-505-SA5C-SV-15.0-16.0	6/2/2014 12:08	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00062	U	0.0014	0.00062	14-06-0556	Calscience	Y	V	14-06-0556	266072.58827	1784889.86086	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-10.5-11.5	Primary Sample	--	6/3/2014 9:41	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0052	J	0.02	0.0043	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-507-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-507	SVL-807-SA5C-SV-5.0-6.0	Field Duplicate	SVL-507-SA5C-SV-5.0-6.0	6/3/2014 9:15	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266198.56533	1785013.22654	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.014	J	0.02	0.008	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.011	J	0.02	0.0043	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-508	SVL-508-SA5C-SV-8.25-9.25	Primary Sample	--	6/3/2014 10:14	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266137.85861	1785125.80727	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.0098	J	0.02	0.0053	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-13.0-14.0	Primary Sample	--	6/18/2014 11:53	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-511	SVL-511-SA5C-SV-7.0-8.0	Primary Sample	--	6/18/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266196.18098	1785436.76718	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-513	SVL-513-SA5C-SV-5.0-6.0	Primary Sample	--	6/18/2014 10:20	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266299.39837	1785425.35126	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-12.5-13.5	Primary Sample	--	6/10/2014 9:10	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-515-SA5C-SV-5.0-6.0	Primary Sample	--	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-815-SA5C-SV-5.0-6.0	Field Duplicate	SVL-515-SA5C-SV-5.0-6.0	6/10/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0014	U	0.0073	0.0014	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00045	U	0.0029	0.00045	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.00099	U	0.0072	0.00099	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.018		0.012	0.00057	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.001	U	0.0029	0.001	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00027	U	0.0021	0.00027	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.00083	U	0.0021	0.00083	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00029	U	0.0021	0.00029	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00081	J	0.0017	0.00028	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00041	U	0.0033	0.00041	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00067	U	0.0014	0.00067	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00035	U	0.0026	0.00035	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00036	U	0.0021	0.00036	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00031	U	0.0026	0.00031	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00066	U	0.0023	0.00066	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.018	U	0.018	0.0009	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0091	U	0.0091	0.0015	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0023	U	0.0023	0.00071	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.012		0.0036	0.00048	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.002	U	0.002	0.00053	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00053	U	0.0021	0.00053	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.00039	U	0.0028	0.00039	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0059	U	0.0059	0.001	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-515	SVL-915-SA5C-SV-12.5-13.5	Split Sample	SVL-515-SA5C-SV-12.5-13.5	6/10/2014 9:16	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0006	U	0.0013	0.0006	14-06-1132	Calscience	Y	V	14-06-1132	266431.03926	1785177.88601	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-11.0-12.0	Primary Sample	--	6/5/2014 11:08	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.021		0.02	0.0053	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.034		0.02	0.012	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-18.0-19.0	Primary Sample	--	6/6/2014 12:02	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-516	SVL-516-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 10:43	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266465.83647	1784990.30194	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.0036	J	0.02	0.003	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.008	J	0.02	0.0043	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-10.5-11.5	Primary Sample	--	6/5/2014 9:06	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.014	J	0.02	0.008	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.012	J	0.02	0.0043	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-518	SVL-518-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 8:41	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266391.44518	1784705.51417	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.01	J	0.02	0.003	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.089		0.02	0.008	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.029		0.02	0.0089	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.099	J	0.02	0.0043	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-10.0-11.0	Primary Sample	--	6/6/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.035		0.02	0.008	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.014	J	0.02	0.0089	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.026	UJ	0.026	0.0043	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-15.0-16.0	Primary Sample	--	6/6/2014 8:22	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-20.0-21.0	Primary Sample	--	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.017	J	0.02	0.0094	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.068		0.02	0.008	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.025		0.02	0.0089	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.04	J	0.02	0.0043	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-525-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 13:41	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	UJ	0.02	0.0063	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-825-SA5C-SV-20.0-21.0	Field Duplicate	SVL-525-SA5C-SV-20.0-21.0	6/6/2014 8:49	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40601	EST	Y	V	3F40601	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0015	U	0.0078	0.0015	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00049	U	0.0031	0.00049	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0011	U	0.0078	0.0011	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00061	U	0.013	0.00061	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0011	U	0.0031	0.0011	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00029	U	0.0023	0.00029	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0009	U	0.0023	0.0009	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00032	U	0.0023	0.00032	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.041		0.0018	0.00031	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00044	U	0.0036	0.00044	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00073	U	0.0015	0.00073	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00039	U	0.0028	0.00039	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.0058		0.0023	0.00039	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00034	U	0.0028	0.00034	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.028		0.0025	0.00072	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00098	U	0.02	0.00098	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.29		0.0099	0.0017	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.1		0.0025	0.00077	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0031	J	0.0039	0.00052	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.32		0.0021	0.00058	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00058	U	0.0023	0.00058	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0027	J	0.0031	0.00043	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0011	U	0.0064	0.0011	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-525	SVL-925-SA5C-SV-10.0-11.0	Split Sample	SVL-525-SA5C-SV-10.0-11.0	6/6/2014 7:56	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00065	U	0.0015	0.00065	14-06-0556	Calscience	Y	V	14-06-0556	266514.44632	1783999.50102	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.005	J	0.02	0.0043	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-528-SA5C-SV-5.5-6.5	Primary Sample	--	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.008	J	0.02	0.008	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.005	J	0.02	0.0043	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-528	SVL-828-SA5C-SV-5.5-6.5	Field Duplicate	SVL-528-SA5C-SV-5.5-6.5	6/5/2014 10:02	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266463.28598	1784581.26771	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-530-SA5C-SV-6.5-7.5	Primary Sample	--	5/29/2014 8:42	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0016	U	0.0088	0.0016	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00055	U	0.0035	0.00055	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0012	U	0.0089	0.0012	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00069	U	0.015	0.00069	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0013	U	0.0035	0.0013	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00033	U	0.0026	0.00033	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.001	U	0.0026	0.001	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00036	U	0.0026	0.00036	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00085	J	0.0021	0.00035	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0005	U	0.0041	0.0005	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00082	U	0.0017	0.00082	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00044	U	0.0031	0.00044	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.026		0.0026	0.00045	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00038	U	0.0032	0.00038	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0037		0.0028	0.00081	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.022	U	0.022	0.0011	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0054	J	0.011	0.0019	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0024	J	0.0028	0.00088	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.017		0.0044	0.00059	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0037		0.0024	0.00065	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00065	U	0.0026	0.00065	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.084		0.0035	0.00048	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0012	U	0.0072	0.0012	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-530	SVL-930-SA5C-SV-6.5-7.5	Split Sample	SVL-530-SA5C-SV-6.5-7.5	5/29/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00073	U	0.0016	0.00073	14-06-0002	Calscience	Y	V	14-06-0002	266619.90409	1784296.88210	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0056	J	0.02	0.0043	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-10.0-11.0	Primary Sample	--	6/3/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.01	J	0.02	0.008	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.007	J	0.02	0.0043	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-15.0-16.0	Primary Sample	--	6/3/2014 11:50	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.011	J	0.02	0.0043	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-535-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 10:59	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0017	U	0.0089	0.0017	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.001	J	0.0035	0.00055	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0012	U	0.0089	0.0012	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.00069	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0013	U	0.0035	0.0013	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00033	U	0.0026	0.00033	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.001	U	0.0026	0.001	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00084	J	0.0026	0.00036	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.011		0.0021	0.00035	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0019	J	0.0041	0.0005	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00082	U	0.0017	0.00082	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0021	J	0.0031	0.00044	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00048	J	0.0026	0.00045	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0034		0.0032	0.00038	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0063		0.0028	0.00081	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.022	U	0.022	0.0011	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.02		0.011	0.0019	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0071		0.0028	0.00088	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0085		0.0044	0.00059	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.017		0.0024	0.00065	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00065	U	0.0026	0.00065	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0018	J	0.0035	0.00048	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0062	J	0.0072	0.0012	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-535	SVL-935-SA5C-SV-15.0-16.0	Split Sample	SVL-535-SA5C-SV-15.0-16.0	6/3/2014 11:56	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00074	J	0.0016	0.00073	14-06-0556	Calscience	Y	V	14-06-0556	266524.33341	1784867.73916	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.0048	J	0.02	0.003	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.01	J	0.02	0.0043	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.035		0.02	0.012	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-11.0-12.0	Primary Sample	--	6/3/2014 13:15	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.009	J	0.02	0.008	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.19		0.02	0.012	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-18.0-19.0	Primary Sample	--	6/4/2014 7:28	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.006	J	0.02	0.003	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.0098	J	0.02	0.008	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0096	J	0.02	0.0043	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-543	SVL-543-SA5C-SV-5.0-6.0	Primary Sample	--	6/3/2014 12:56	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266718.86934	1784783.31433	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.014	J	0.02	0.0043	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.036		0.02	0.0053	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-549	SVL-549-SA5C-SV-6.0-7.0	Primary Sample	--	6/13/2014 10:34	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41301	EST	Y	V	3F41301	266899.56303	1784818.13454	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-13.0-14.0	Primary Sample	--	6/5/2014 7:58	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place
5CSV_DG-554	SVL-554-SA5C-SV-5.0-6.0	Primary Sample	--	6/5/2014 7:39	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40501	EST	Y	V	3F40501	266831.17272	1784495.70382	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.012	J	0.02	0.0053	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-561	SVL-561-SA5C-SV-5.5-6.0	Primary Sample	--	6/10/2014 9:44	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41001	EST	Y	V	3F41001	267054.69968	1784777.91981	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-10.0-11.0	Primary Sample	--	6/4/2014 8:51	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.017	J	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-15.0-16.0	Primary Sample	--	6/4/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-20.0-21.0	Primary Sample	--	6/4/2014 9:29	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-30.0-31.0	Primary Sample	--	6/4/2014 9:49	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-40.0-41.0	Primary Sample	--	6/4/2014 10:10	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-570-SA5C-SV-5.0-6.0	Primary Sample	--	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-870-SA5C-SV-5.0-6.0	Field Duplicate	SVL-570-SA5C-SV-5.0-6.0	6/4/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40401	EST	Y	V	3F40401	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0015	U	0.0082	0.0015	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0014	J	0.0033	0.00052	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0011	U	0.0082	0.0011	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0022	J	0.014	0.00065	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0029	J	0.0033	0.0012	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0011	J	0.0024	0.00031	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.00095	U	0.0024	0.00095	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0011	J	0.0024	0.00033	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.011		0.0019	0.00032	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0017	J	0.0038	0.00047	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00076	U	0.0016	0.00076	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0018	J	0.0029	0.00041	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00093	J	0.0024	0.00042	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0036		0.003	0.00035	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0064		0.0026	0.00075	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.021	U	0.021	0.001	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.02		0.01	0.0017	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0085		0.0026	0.00081	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0027	J	0.0041	0.00055	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.011	U	0.011	0.00061	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00075	J	0.0024	0.00061	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0018	J	0.0032	0.00045	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0019	J	0.0067	0.0012	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-570	SVL-970-SA5C-SV-40.0-41.0	Split Sample	SVL-570-SA5C-SV-40.0-41.0	6/4/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0009	J	0.0015	0.00068	14-06-0556	Calscience	Y	V	14-06-0556	267276.74030	1784587.50243	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5CSV_DG-572	SVL-572-SA5C-SV-6.8-7.8	Primary Sample	--	5/29/2014 13:39	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266478.05186	1784162.79135	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.0044	J	0.02	0.003	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.011	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-13.0-14.0	Primary Sample	--	5/27/2014 9:09	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.054		0.02	0.016	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.004	J	0.02	0.003	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.007	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-18.0-19.0	Primary Sample	--	5/27/2014 9:42	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.025		0.02	0.003	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.079		0.02	0.008	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.036		0.02	0.0089	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.12	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-502-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	J	0.02	0.003	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.057		0.02	0.008	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.024		0.02	0.0089	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.1	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-802-SA5D-SV-5.0-6.0	Field Duplicate	SVL-502-SA5D-SV-5.0-6.0	5/27/2014 8:32	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0013	U	0.0069	0.0013	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00043	U	0.0027	0.00043	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.00095	U	0.0069	0.00095	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0032	J	0.011	0.00054	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.001	U	0.0027	0.001	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00026	U	0.002	0.00026	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.00079	U	0.002	0.00079	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00028	U	0.002	0.00028	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.018		0.0016	0.00027	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0011	J	0.0031	0.00039	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00064	U	0.0013	0.00064	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00034	U	0.0024	0.00034	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00035	U	0.002	0.00035	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0031		0.0025	0.00029	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0031		0.0022	0.00063	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.017	U	0.017	0.00086	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0075	J	0.0087	0.0014	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0033		0.0022	0.00068	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.00088	J	0.0034	0.00046	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.019		0.0019	0.00051	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.0005	U	0.002	0.0005	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.00037	U	0.0027	0.00037	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0068		0.0056	0.00096	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-502	SVL-946-SA5D-SV-10.0-11.0	Split Sample	SVL-546-SA5D-SV-10.0-11.0	5/30/2014 8:25	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00057	U	0.0013	0.00057	14-06-0002	Calscience	Y	V	14-06-0002	266315.76910	1784284.74200	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.024	U	0.024	0.012	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-510	SVL-510-SA5D-SV-7.5-8.5	Primary Sample	--	5/28/2014 12:50	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	265988.08560	1784283.08700	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 9:46	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-511	SVL-511-SA5D-SV-9.5-10.5	Primary Sample	--	5/28/2014 10:19	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266061.46650	1784299.45400	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.099		0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	J	0.02	0.003	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.071		0.02	0.008	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.018	J	0.02	0.0089	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.16	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-11.0-12.0	Primary Sample	--	5/27/2014 13:03	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.026		0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.015	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-16.75-17.75	Primary Sample	--	5/27/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.11		0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.01	J	0.02	0.003	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.041		0.02	0.008	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.014	J	0.02	0.0089	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.035	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place
5DSV_DG-512	SVL-512-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 12:32	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266147.07860	1784304.56000	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.4	U	0.4	0.18	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.4	UJ	0.4	0.11	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.4	U	0.4	0.18	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	86		0.4	0.24	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.4	U	0.4	0.13	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.4	U	0.4	0.12	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.4	U	0.4	0.14	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.4	U	0.4	0.21	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.4	U	0.4	0.081	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.4	U	0.4	0.23	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.4	U	0.4	0.32	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.4	U	0.4	0.12	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.4	U	0.4	0.19	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.4	UJ	0.4	0.22	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.4	U	0.4	0.06	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.4	U	0.4	0.21	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.4	U	0.4	0.16	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.4	U	0.4	0.18	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.12	J	0.4	0.11	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.088	J	0.4	0.085	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.4	U	0.4	0.078	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.4	U	0.4	0.23	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.4	U	0.4	0.11	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-10.0-11.0	Primary Sample	--	5/27/2014 10:45	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.4	U	0.4	0.2	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.4		0.02	0.012	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.023		0.02	0.0072	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.0078	J	0.02	0.003	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.01	J	0.02	0.0089	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.024	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-15.5-16.5	Primary Sample	--	5/27/2014 11:22	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.0072	J	0.02	0.003	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.023	U	0.023	0.008	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.012	J	0.02	0.0089	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	UJ	0.02	0.0053	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.016	J	0.02	0.0043	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-513	SVL-513-SA5D-SV-5.0-6.0	Primary Sample	--	5/27/2014 10:15	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42701	EST	Y	V	3E42701	266207.41130	1784296.96800	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.0086	J	0.02	0.003	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.028		0.02	0.008	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.055	UJ	0.055	0.0043	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-12.5-13.8	Primary Sample	--	5/28/2014 8:57	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-515-SA5D-SV-5.0-6.0	Primary Sample	--	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-815-SA5D-SV-5.0-6.0	Field Duplicate	SVL-515-SA5D-SV-5.0-6.0	5/28/2014 8:16	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0013	U	0.0069	0.0013	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00043	U	0.0027	0.00043	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.00095	U	0.0069	0.00095	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.011	U	0.011	0.00054	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.001	U	0.0027	0.001	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00026	U	0.002	0.00026	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.00079	U	0.002	0.00079	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00028	U	0.002	0.00028	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0027		0.0016	0.00027	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00039	U	0.0031	0.00039	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00064	U	0.0013	0.00064	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00034	U	0.0024	0.00034	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00035	U	0.002	0.00035	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0029		0.0025	0.00029	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.01		0.0022	0.00063	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.017	U	0.017	0.00086	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.035		0.0087	0.0014	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.01		0.0022	0.00068	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.00046	U	0.0034	0.00046	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.082		0.0019	0.00051	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.0005	U	0.002	0.0005	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.00037	U	0.0027	0.00037	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0024	J	0.0056	0.00096	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-515	SVL-915-SA5D-SV-12.5-13.8	Split Sample	SVL-515-SA5D-SV-12.5-13.8	5/28/2014 9:05	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00057	U	0.0013	0.00057	14-06-0002	Calscience	Y	V	14-06-0002	266142.69810	1784363.26100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.024	U	0.024	0.012	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-14.0-15.0	Primary Sample	--	5/28/2014 11:26	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-516	SVL-516-SA5D-SV-6.0-7.0	Primary Sample	--	5/28/2014 10:55	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	266056.68450	1784367.71100	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	3		0.02	0.012	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.008	J	0.02	0.003	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.027		0.02	0.008	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.03	UJ	0.03	0.0043	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-519	SVL-519-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 9:30	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265994.57863	1784495.12779	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.011	J	0.02	0.003	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.031		0.02	0.008	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.01	J	0.02	0.0089	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.044	UJ	0.044	0.0043	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-526	SVL-526-SA5D-SV-7.5-8.5	Primary Sample	--	5/29/2014 10:12	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266230.48057	1784766.24950	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-530	SVL-530-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 10:46	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266017.20316	1784746.22938	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-531	SVL-531-SA5D-SV-5.0-6.0	Primary Sample	--	5/29/2014 11:20	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	266031.95400	1784667.62242	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-4.5-5.5	Primary Sample	--	5/29/2014 12:29	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.0052	J	0.02	0.003	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.014	J	0.02	0.008	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-539	SVL-539-SA5D-SV-8.5-9.5	Primary Sample	--	5/29/2014 13:00	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265818.75438	1784624.21460	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.015	J	0.02	0.003	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.06		0.02	0.008	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.024		0.02	0.0089	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.039	UJ	0.039	0.0043	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-10.0-11.0	Primary Sample	--	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.019	J	0.02	0.003	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.052		0.02	0.008	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.029		0.02	0.0089	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.07	J	0.02	0.0043	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-544-SA5D-SV-4.5-5.5	Primary Sample	--	5/28/2014 13:25	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42801	EST	Y	V	3E42801	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	UJ	0.02	0.0072	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.013	J	0.02	0.003	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.047		0.02	0.008	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.013	J	0.02	0.0089	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.034	UJ	0.034	0.0043	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-544	SVL-844-SA5D-SV-10.0-11.0	Field Duplicate	SVL-544-SA5D-SV-10.0-11.0	5/29/2014 7:50	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E42901	EST	Y	V	3E42901	265918.23590	1784236.86600	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-10.0-11.0	Primary Sample	--	5/30/2014 8:19	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-16.0-17.0	Primary Sample	--	5/30/2014 11:21	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.011	J	0.02	0.008	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-546-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.0094	J	0.02	0.008	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-546	SVL-846-SA5D-SV-5.0-6.0	Field Duplicate	SVL-546-SA5D-SV-5.0-6.0	5/30/2014 7:46	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265891.09562	1783886.78422	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.0088	J	0.02	0.003	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.03		0.02	0.008	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.028	J	0.02	0.0043	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-11.0-12.0	Primary Sample	--	5/30/2014 10:07	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.006	J	0.02	0.003	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.023		0.02	0.008	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-17.0-18.0	Primary Sample	--	5/30/2014 10:42	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-550	SVL-550-SA5D-SV-5.0-6.0	Primary Sample	--	5/30/2014 9:39	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3E43001	EST	Y	V	3E43001	265762.35098	1784126.97494	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.037		0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-14.0-15.0	Primary Sample	--	6/9/2014 9:50	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-19.0-20.0	Primary Sample	--	6/9/2014 10:27	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.021		0.02	0.016	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.011	J	0.02	0.0043	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-553-SA5D-SV-9.0-10.0	Primary Sample	--	6/9/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-853-SA5D-SV-4.5-5.5	Field Duplicate	SVL-553-SA5D-SV-4.5-5.5	6/9/2014 8:28	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0013	U	0.0069	0.0013	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00043	U	0.0028	0.00043	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.00095	U	0.0069	0.00095	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00054	U	0.012	0.00054	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.001	U	0.0028	0.001	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00026	U	0.002	0.00026	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0008	U	0.002	0.0008	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.00028	U	0.002	0.00028	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.029		0.0016	0.00027	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.00039	U	0.0032	0.00039	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.00064	U	0.0013	0.00064	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.017		0.0025	0.00034	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00035	U	0.002	0.00035	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0029		0.0025	0.0003	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0045		0.0022	0.00064	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.018	U	0.018	0.00087	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.01		0.0088	0.0015	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0049		0.0022	0.00069	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0037		0.0034	0.00046	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.023		0.0019	0.00051	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00051	U	0.002	0.00051	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.00038	U	0.0027	0.00038	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0019	J	0.0057	0.00097	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-553	SVL-953-SA5D-SV-9.0-10.0	Split Sample	SVL-553-SA5D-SV-9.0-10.0	6/9/2014 9:14	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00057	U	0.0013	0.00057	14-06-1132	Calscience	Y	V	14-06-1132	265448.55805	1784530.37320	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	UJ	0.02	0.006	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0076	J	0.02	0.0043	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
5DSV_DG-556	SVL-556-SA5D-SV-4.5-5.5	Primary Sample	--	6/9/2014 13:40	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40901	EST	Y	V	3F40901	265400.70002	1785051.17870	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.041		0.02	0.0054	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.0066	J	0.02	0.0043	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	2.9	UJ	2.9	0.0053	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-10.0-11.0	Primary Sample	--	6/12/2014 10:36	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.1	U	0.1	0.045	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.062	J	0.1	0.027	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.1	UJ	0.1	0.045	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.1	U	0.1	0.059	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.1	U	0.1	0.031	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.1	U	0.1	0.031	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.1	U	0.1	0.036	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.1	U	0.1	0.053	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.1	U	0.1	0.02	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.1	U	0.1	0.058	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.1	U	0.1	0.08	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.1	U	0.1	0.03	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.1	U	0.1	0.047	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.1	UJ	0.1	0.055	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.1	U	0.1	0.015	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.1	U	0.1	0.052	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.1	U	0.1	0.04	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.1	U	0.1	0.044	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.1	U	0.1	0.027	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.1	UJ	0.1	0.021	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.1	U	0.1	0.019	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.1	U	0.1	0.058	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	4.5	UJ	4.5	0.027	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-15.0-16.0	Primary Sample	--	6/12/2014 11:07	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.1	U	0.1	0.051	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.031		0.02	0.0054	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	1.1	UJ	1.1	0.0053	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-509	SVL-509-SA6-SV-5.0-6.0	Primary Sample	--	6/12/2014 10:04	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	268332.96848	1786184.81938	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-515	SVL-515-SA6-SV-7.9-8.9	Primary Sample	--	6/12/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	268456.87685	1786500.60384	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	UJ	0.02	0.011	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-528-SA6-SV-5.5-6.5	Primary Sample	--	6/12/2014 8:38	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41201	EST	Y	V	3F41201	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0111	J	0.0153	0.00625	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.00278	J	0.0174	0.00217	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00141	J	0.00868	0.00117	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00182	J	0.00754	0.000961	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-528	SVL-928-SA6-SV-5.5-6.5	Split Sample	SVL-528-SA6-SV-5.5-6.5	6/12/2014 8:48	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56666-1	TestAmerica - Denver	Y	V	280-56666-1	268148.70689	1786744.81426	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	UJ	0.02	0.008	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-543	SVL-543-SA6-SV-7.5-8.5	Primary Sample	--	6/19/2014 11:35	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	268232.19223	1787203.27029	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0174	U	0.0174	0.00217	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00868	U	0.00868	0.00117	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00754	U	0.00754	0.000961	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-10.0-11.0	Primary Sample	--	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0174	U	0.0174	0.00217	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00868	U	0.00868	0.00117	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00754	U	0.00754	0.000961	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-544-SA6-SV-5.0-6.0	Primary Sample	--	6/13/2014 10:56	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0174	U	0.0174	0.00217	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00868	U	0.00868	0.00117	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00754	U	0.00754	0.000961	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place
6SV_DG-544	SVL-844-SA6-SV-10.0-11.0	Field Duplicate	SVL-544-SA6-SV-10.0-11.0	6/13/2014 11:22	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268305.33872	1787022.83625	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00871		0.00639	0.00126	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00256	J	0.00868	0.00137	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0067	J	0.0174	0.00217	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00277	J	0.00868	0.00117	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0112		0.00754	0.000961	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
6SV_DG-551	SVL-551-SA6-SV-4.5-5.5	Primary Sample	--	6/13/2014 10:16	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	268387.43413	1787425.32424	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0174	U	0.0174	0.00217	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00868	U	0.00868	0.00117	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00145	J	0.00754	0.000961	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-12.0-13.0	Primary Sample	--	6/13/2014 9:24	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	UJ	0.0159	0.00143	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0174	U	0.0174	0.00217	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00868	U	0.00868	0.00117	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00754	U	0.00754	0.000961	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0107	U	0.0107	0.00282	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
7SV_DG-503	SVL-503-SA7-SV-7.0-8.0	Primary Sample	--	6/13/2014 8:53	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56667-1	TestAmerica - Denver	Y	V	280-56667-1	267351.26640	1784783.51700	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	UJ	0.02	0.008	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.032		0.02	0.012	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-502	SVL-502-SA8-SV-4.45-5.45	Primary Sample	--	6/19/2014 11:09	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266424.60305	1783272.93034	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.11	J	0.02	0.0054	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.54		0.02	0.012	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.16		0.02	0.0072	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.44		0.02	0.012	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.079	J	0.02	0.0053	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-503	SVL-503-SA8-SV-4.5-5.5	Primary Sample	--	6/3/2014 7:55	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266439.91591	1783156.74170	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.002	J	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0052	J	0.015	0.0038	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.014		0.004	0.00079	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0017	J	0.0032	0.00064	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.009		0.0049	0.00098	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0043	U	0.0043	0.00087	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0045	U	0.0045	0.00075	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.3		0.0054	0.0011	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-506	SVL-506-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 10:05	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476965	Lancaster	Y	V	1476965	266203.38700	1782986.22600	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0096		0.004	0.00081	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0056		0.0032	0.00064	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.072		0.0063	0.0013	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.28		0.049	0.0098	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.0033	J	0.004	0.00079	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.016		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.063		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.023		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.057		0.0068	0.0014	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.043		0.0038	0.00075	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	1.6		0.054	0.011	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-512-SA8-SV-8.0-9.0	Primary Sample	--	5/23/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.0088		0.004	0.00081	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0063		0.0032	0.00064	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.06		0.0063	0.0013	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.19		0.049	0.0098	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.003	J	0.004	0.00079	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.011		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.047		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.017		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.053		0.0068	0.0014	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.035		0.0038	0.00075	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	1.3		0.054	0.011	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-512	SVL-812-SA8-SV-8.0-9.0	Field Duplicate	SVL-512-SA8-SV-8.0-9.0	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476966	Lancaster	Y	V	1476966	266113.70240	1783127.83100	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0014	J	0.0032	0.00064	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.014		0.0043	0.00087	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.062		0.0043	0.00087	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.024		0.0043	0.00087	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.033		0.0038	0.00075	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-515	SVL-515-SA8-SV-6.0-7.0	Primary Sample	--	5/22/2014 10:50	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476965	Lancaster	Y	V	1476965	266133.90970	1782664.05200	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.05		0.0032	0.00064	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0031	J	0.0049	0.00098	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.045		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.16		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.065		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0029	J	0.0068	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.2		0.0038	0.00075	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-10.0-11.0	Primary Sample	--	5/23/2014 8:44	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0036		0.0032	0.00064	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	J	0.0049	0.00098	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0052		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.019		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.01		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.0068	U	0.0068	0.00075	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-15.5-16.5	Primary Sample	--	5/23/2014 9:02	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0056		0.0032	0.00064	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.018		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.076		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.031		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.056		0.0038	0.00075	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-517	SVL-517-SA8-SV-5.0-6.0	Primary Sample	--	5/23/2014 8:23	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476966	Lancaster	Y	V	1476966	265977.17490	1783212.00800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0014	J	0.004	0.00079	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0017	J	0.0032	0.00064	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0012	J	0.0049	0.00098	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.0059	U	0.0059	0.00087	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.025	U	0.025	0.00087	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.013	U	0.013	0.00087	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0068	U	0.0068	0.0014	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.015	U	0.015	0.00075	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-519	SVL-519-SA8-SV-7.0-8.0	Primary Sample	--	5/22/2014 8:49	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476965	Lancaster	Y	V	1476965	265970.00100	1783036.82800	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.0052		0.0032	0.00064	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0049	U	0.0049	0.00098	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.001	J	0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.0043	U	0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.0043	U	0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0035	J	0.0068	0.0014	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.005	U	0.005	0.00075	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0027	J	0.0054	0.0011	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-10.5-11.5	Primary Sample	--	5/23/2014 10:59	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0069	U	0.0069	0.0014	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.015	U	0.015	0.0038	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0055	U	0.0055	0.0011	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.004	U	0.004	0.00081	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.061		0.0032	0.00064	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0063	U	0.0063	0.0013	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0026	U	0.0026	0.00053	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.0016	J	0.0049	0.00098	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.0049	U	0.0049	0.00099	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.048		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.0035	U	0.0035	0.00069	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.1		0.043	0.0087	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.076		0.0043	0.00087	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0043	J	0.0068	0.0014	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.14		0.038	0.0075	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.004	U	0.004	0.00079	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.0054	U	0.0054	0.0011	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0056	U	0.0056	0.0011	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-524	SVL-524-SA8-SV-4.5-5.5	Primary Sample	--	5/23/2014 10:36	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.0026	U	0.0026	0.00051	1476966	Lancaster	Y	V	1476966	265808.00970	1783230.34700	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	UJ	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.011	J	0.02	0.008	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-11.0-12.0	Primary Sample	--	6/2/2014 9:35	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	UJ	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-18.5-19.5	Primary Sample	--	6/2/2014 9:58	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	UJ	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	UJ	0.02	0.0062	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-528	SVL-528-SA8-SV-5.0-6.0	Primary Sample	--	6/2/2014 9:08	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40201	EST	Y	V	3F40201	265962.37932	1783562.33720	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-4.5-5.5	Primary Sample	--	6/18/2014 12:57	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-529	SVL-529-SA8-SV-8.5-9.5	Primary Sample	--	6/18/2014 13:34	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41801	EST	Y	V	3F41801	266120.54825	1783255.83172	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	UJ	0.02	0.008	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-531-SA8-SV-4.5-5.5	Primary Sample	--	6/19/2014 9:28	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266222.26179	1783461.53419	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,1,2-Tetrachloroethane	0.0137	U	0.0137	0.00103	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,1-Trichloroethane	0.00818	U	0.00818	0.00177	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,2,2-Tetrachloroethane	0.0137	U	0.0137	0.00237	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0153	U	0.0153	0.00625	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1,2-Trichloroethane	0.0109	U	0.0109	0.00183	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethane	0.00607	U	0.00607	0.00146	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,1-Dichloroethene	0.0159	U	0.0159	0.00143	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	1,2-Dichloroethane	0.0162	U	0.0162	0.00178	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Benzene	0.00639	U	0.00639	0.00126	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Carbon Tetrachloride	0.0252	U	0.0252	0.00201	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Chloroethane	0.0106	U	0.0106	0.00406	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Chloroform	0.00732	U	0.00732	0.00232	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	cis-1,2-Dichloroethene	0.00793	U	0.00793	0.00176	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Dichlorodifluoromethane	0.00989	U	0.00989	0.00359	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Ethylbenzene	0.00868	U	0.00868	0.00137	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Methylene chloride	0.00695	U	0.00695	0.00125	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	m-Xylene & p-Xylene	0.00333	J	0.0174	0.00217	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	o-Xylene	0.00189	J	0.00868	0.00117	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Tetrachloroethene	0.0136	U	0.0136	0.00173	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Toluene	0.00287	J	0.00754	0.000961	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	trans-1,2-Dichloroethene	0.00793	U	0.00793	0.00198	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Trichloroethene	0.00476	J	0.0107	0.00282	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Trichlorofluoromethane	0.0112	U	0.0112	0.00551	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-531	SVL-931-SA8-SV-4.5-5.5	Split Sample	SVL-531-SA8-SV-4.5-5.5	6/19/2014 9:34	Soil Vapor	Primary Result	EPA TO-15	Vinyl chloride	0.00511	U	0.00511	0.00153	280-56908-1	TestAmerica - Denver	Y	V	280-56908-1	266222.26179	1783461.53419	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	UJ	0.02	0.0054	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	UJ	0.02	0.012	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	UJ	0.02	0.0094	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	UJ	0.02	0.01	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	U	0.02	0.008	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	UJ	0.02	0.0039	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	UJ	0.02	0.0053	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-534	SVL-834-SA8-SV-6.0-7.0	Primary Sample	--	6/3/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F40301	EST	Y	V	3F40301	266353.92639	1783728.76231	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	UJ	0.02	0.008	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-543-SA8-SV-6.25-7.25	Primary Sample	--	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	UJ	0.02	0.008	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-543	SVL-843-SA8-SV-6.25-7.25	Field Duplicate	SVL-543-SA8-SV-6.25-7.25	6/19/2014 8:34	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266258.04798	1783941.37790	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	1,1,1,2-Tetrachloroethane	0.02	U	0.02	0.009	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	1,1,1-Trichloroethane	0.02	U	0.02	0.0054	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	1,1,2,2-Tetrachloroethane	0.02	UJ	0.02	0.0089	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	1,1,2-Trichloroethane	0.02	U	0.02	0.0063	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethane	0.02	U	0.02	0.0062	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	1,1-Dichloroethene	0.02	U	0.02	0.0072	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	1,2-Dichloroethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Benzene	0.02	U	0.02	0.0041	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Carbon Tetrachloride	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Chloroethane	0.02	U	0.02	0.016	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Chloroform	0.02	U	0.02	0.006	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	cis-1,2-Dichloroethene	0.02	U	0.02	0.0094	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Dichlorodifluoromethane	0.02	U	0.02	0.011	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Ethylbenzene	0.02	U	0.02	0.003	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Methylene chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	m-Xylene & p-Xylene	0.02	UJ	0.02	0.008	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	o-Xylene	0.02	U	0.02	0.0089	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Tetrachloroethene	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Toluene	0.02	UJ	0.02	0.0043	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	trans-1,2-Dichloroethene	0.02	U	0.02	0.0039	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Trichloroethene	0.02	U	0.02	0.012	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Trichlorofluoromethane	0.02	U	0.02	0.0053	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place
8SV_DG-545	SVL-545-SA8-SV-6.75-7.25	Primary Sample	--	6/19/2014 10:37	Soil Vapor	Primary Result	EPA 8260B	Vinyl chloride	0.02	U	0.02	0.01	3F41901	EST	Y	V	3F41901	266894.12792	1783657.12099	In Place

Acronyms:
"--" - not applicable
EPA - Environmental Protection Agency
MDL - method detection limit
µg/L - micrograms per liter

TABLE B-1
PHASE 3 SOIL VAPOR RESULTS
SANTA SUSANA FIELD LABORATORY
VENTURA COUNTY, CALIFORNIA

Object Name	Sample Name	Sample Type	Parent Sample Name	Collection Date	Matrix Type	Result Type	Analysis Method	Compound	Result Value (µg/L)	Project Qualifier Code	PQL (µg/L)	MDL (µg/L)	SDG	Lab Name	Validated	Validation Level	Validation Report Identifier	Northing	Easting	Remediation Status

PQL - practical quanititation limit

SDG - sample delivery group

Y - yes

Notes:

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ - The analyte was not deemed above the reported sample quanitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

APPENDIX C

ANALYTICAL LABORATORY REPORTS

SOIL GAS SURVEY
SANTA SUSANA FIELD LABORATORY:
DEPARTMENT OF ENERGY
5800 WOOLSEY CANYON ROAD
CANOGA PARK, CA

LEVEL IV DATA PACKAGE

MWH AMERICAS
2121 NORTH CALIFORNIA BLVD.
SUITE 600
WALNUT CREEK, CA

EST2754
May 27, 2014

ENVIRONMENTAL SUPPORT TECHNOLOGIES

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10 Raw Data for QC Samples and Initial Calibration, Duplicate Samples (DS)

11 Raw Data for QC Samples and Initial Calibration, Laboratory Control Samples (LCS)

12 Raw Data for QC Samples and Initial Calibration, Blank

13 Raw Data for Analyzed Samples Including Chromatograms, Quantitation Reports and Spectra

CHAIN-OF-CUSTODY

CHAIN-OF-CUSTODY RECORD

Environmental Support Technologies
16510 Aston St., Irvine, CA 92606 · Tel (949) 679-9500 · Fax (949) 679-9501

Client: MWH Americas
Address: 250 North Madison Avenue
Pasadena, Ca
Project Manager: Sarah Von Raesfield

Sampler Name: Ashley Flores
EST Project#: EST2754
Custody Seals:
Site Location: SSFL
Phone: ( )
Email:

Turnaround Time:
(Check one)

Normal:

Rush: X

Sample Receipt

Intact: Yes: X No:

On Ice: Yes: No: X N/A

Custody Seals: Yes: No: X

N/A (Received on Site):

Sample Name	Sample Matrix	Container Type	# of Container	Sampling Date	Sampling Time	Preservative Type	Purge Volume (ml)	Vacuum (inches of H_2O)	8260B VOC's 0.02 RL						Special Instructions
Equipment Blank	Air	Glass Bulb	1	5/27/2014	910	Surr			X						
SVL-502-SA5D-SV-5.0-6.0	Air	Glass Bulb	1	5/27/2014	832	Surr			X						Bulb # 11
SVL-802-SA5D-SV-5.0-6.0	Air	Glass Bulb	1	5/27/2014	832	Surr			X						Bulb # 7
SVL-502-SA5D-SV-13.0-14.0	Air	Glass Bulb	1	5/27/2014	909	Surr			X						Bulb # 5
SVL-502-SA5D-SV-18.0-19.0	Air	Glass Bulb	1	5/27/2014	942	Surr			X						Bulb # 6
SVL-513-SA5D-SV-5.0-6.0	Air	Glass Bulb	1	5/27/2014	1015	Surr			X						Bulb # 1
SVL-513-SA5D-SV-10.0-11.0	Air	Glass Bulb	1	5/27/2014	1045	Surr			X						Bulb # 8
SVL-513-SA5D-SV-15.5-16.5	Air	Glass Bulb	1	5/27/2014	1122	Surr			X						Bulb # 9
SVL-512-SA5D-SV-5.0-6.0	Air	Glass Bulb	1	5/27/2014	1232	Surr			X						Bulb # 3
SVL-512-SA5D-SV-11.0-12.0	Air	Glass Bulb	1	5/27/2014	1303	Surr			X						Bulb # 10
SVL-512-SA5D-SV-16.75-17.75	Air	Glass Bulb	1	5/27/2014	1334	Surr			X						Bulb # 13
FB-052714	Air	Glass Bulb	1	5/27/2014	1400	Surr			X						Bulb # 12

Relinquished by: (Signature) Date/Time: 05/27/14 Received by: Date/Time:

Relinquished by: (Signature) Date/Time: Received by: Date/Time:

SAMPLE RESULTS WITH ANALYSIS AND EXTRACTIONS PREPARATION DATES

June 03, 2014

Sarah Von Raesfield
MWH Americas, Inc.
250 No. Madison Avenue
Pasadena, CA 91107

RE: Santa Susana Field Laboratory, Canoga Park

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 05/27/14 17:36. The analyses were performed according to the prescribed method as outlined by EPA 8260B. A shut in test was performed, leak test was performed, equipment blank was run, and selected purge volume was 3PV. If you have any questions concerning this report, please feel free to contact Project Manager.

Sincerely,

Ashley Flores

Ashley Flores
Project Manager

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 2773, and 2767.

16510 Aston Street, Irvine, California 92606
Telephone: (949) 679-9500 Fax: (949) 679-9501

MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Analyzed
Equipment Blank	3E42701-01	Air	27-May-14 09:10	27-May-14 09:29
SLV-502-SA5D-SV-5.0-6.0	3E42701-02	Air	27-May-14 08:32	27-May-14 09:58
SLV-802-SA5D-SV-5.0-6.0	3E42701-03	Air	27-May-14 08:32	27-May-14 10:57
SLV-502-SA5D-SV-13.0-14.0	3E42701-04	Air	27-May-14 09:09	27-May-14 11:32
SLV-502-SA5D-SV-18.0-19.0	3E42701-05	Air	27-May-14 09:42	27-May-14 12:03
SLV-513-SA5D-SV-5.0-6.0	3E42701-06	Air	27-May-14 08:32	27-May-14 12:33
SLV-513-SA5D-SV-10.0-11.0	3E42701-07	Air	27-May-14 10:45	27-May-14 13:31
SLV-513-SA5D-SV-15.5-16.5	3E42701-08	Air	27-May-14 11:22	27-May-14 14:34
SLV-512-SA5D-SV-5.0-6.0	3E42701-09	Air	27-May-14 12:32	27-May-14 15:05
SLV-512-SA5D-SV-11.0-12.0	3E42701-10	Air	27-May-14 13:03	27-May-14 15:35
SLV-512-SA5D-SV-16.75-17.75	3E42701-11	Air	27-May-14 13:34	27-May-14 16:04
FB-052714	3E42701-12	Air	27-May-14 14:00	27-May-14 17:01

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

16510 Aston Street, Irvine, California 92606
Telephone: (949) 679-9500 Fax: (949) 679-9501

MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Equipment Blank (3E42701-01) Air Sampled: 05/27/14 09:10 Analyzed: 05/27/14 09:29									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	ND	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.1 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.1 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*75-125*	"	"	"	"	
Surrogate: Benzene-d6		*97.9 %*		*70-140*	"	"	"	"	
Surrogate: Chloroform-d		*104 %*		*70-140*	"	"	"	"	
Surrogate: Methylene chloride-d2		*101 %*		*70-140*	"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-502-SA5D-SV-5.0-6.0 (3E42701-02) Air Sampled: 05/27/14 08:32 Analyzed: 05/27/14 09:58									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.025**	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	**0.036**	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	**0.079**	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.12**	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*88.1 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*98.8 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Benzene-d6		*89.3 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Chloroform-d		*97.0 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Methylene chloride-d2		*94.4 %*	*70-140*		*"*	*"*	*"*	*"*	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-802-SA5D-SV-5.0-6.0 (3E42701-03) Air Sampled: 05/27/14 08:32 Analyzed: 05/27/14 10:57									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.020**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	**0.024**	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	**0.057**	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.10**	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*91.8 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*98.8 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Benzene-d6		*89.7 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Chloroform-d		*97.5 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Methylene chloride-d2		*96.6 %*	*70-140*		*"*	*"*	*"*	*"*	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-502-SA5D-SV-13.0-14.0 (3E42701-04) Air Sampled: 05/27/14 09:09 Analyzed: 05/27/14 11:32									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.0044**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	**0.011**	0.020	"	"	"	"	"	"	J
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.011**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*89.4 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*97.8 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Benzene-d6		*82.9 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Chloroform-d		*89.3 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Methylene chloride-d2		*88.2 %*	*70-140*		*"*	*"*	*"*	*"*	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-502-SA5D-SV-18.0-19.0 (3E42701-05) Air Sampled: 05/27/14 09:42 Analyzed: 05/27/14 12:03									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	**0.054**	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.0040**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	**0.012**	0.020	"	"	"	"	"	"	J
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.0070**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.2 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*		*75-125*	"	"	"	"	
Surrogate: Benzene-d6		*90.6 %*		*70-140*	"	"	"	"	
Surrogate: Chloroform-d		*97.8 %*		*70-140*	"	"	"	"	
Surrogate: Methylene chloride-d2		*97.1 %*		*70-140*	"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-513-SA5D-SV-5.0-6.0 (3E42701-06) Air Sampled: 05/27/14 08:32 Analyzed: 05/27/14 12:33									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.0072**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	**0.012**	0.020	"	"	"	"	"	"	J
meta- and para-Xylenes	**0.023**	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.016**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*87.5 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*101 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Benzene-d6		*80.6 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Chloroform-d		*85.7 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Methylene chloride-d2		*82.6 %*	*70-140*		*"*	*"*	*"*	*"*	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-513-SA5D-SV-10.0-11.0 (3E42701-07) Air Sampled: 05/27/14 10:45 Analyzed: 05/27/14 13:31									
1,1,1,2-Tetrachloroethane	ND	0.40	ug/l	20	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.40	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	**86**	0.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.40	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.40	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	"	"	
Benzene	ND	0.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.40	"	"	"	"	"	"	
Chloroethane	ND	0.40	"	"	"	"	"	"	
Chloroform	ND	0.40	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.40	"	"	"	"	"	"	
Ethylbenzene	ND	0.40	"	"	"	"	"	"	
Methylene Chloride	ND	0.40	"	"	"	"	"	"	
ortho-Xylene	ND	0.40	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.40	"	"	"	"	"	"	
Tetrachloroethene	**0.12**	0.40	"	"	"	"	"	"	J
Toluene	**0.088**	0.40	"	"	"	"	"	"	J
Trichloroethene	ND	0.40	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.40	"	"	"	"	"	"	
Vinyl Chloride	ND	0.40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*88.8 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*75-125*	"	"	"	"	
Surrogate: Benzene-d6		*82.2 %*		*70-140*	"	"	"	"	
Surrogate: Chloroform-d		*89.8 %*		*70-140*	"	"	"	"	
Surrogate: Methylene chloride-d2		*87.4 %*		*70-140*	"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-513-SA5D-SV-15.5-16.5 (3E42701-08) Air Sampled: 05/27/14 11:22 Analyzed: 05/27/14 14:34									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	**0.40**	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	**0.023**	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.0078**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	**0.010**	0.020	"	"	"	"	"	"	J
meta- and para-Xylenes	**0.020**	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.024**	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*91.2 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*99.5 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Benzene-d6		*85.1 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Chloroform-d		*93.4 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Methylene chloride-d2		*91.7 %*	*70-140*		*"*	*"*	*"*	*"*	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-512-SA5D-SV-5.0-6.0 (3E42701-09) Air Sampled: 05/27/14 12:32 Analyzed: 05/27/14 15:05									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	**0.11**	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.010**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	**0.014**	0.020	"	"	"	"	"	"	J
meta- and para-Xylenes	**0.041**	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.035**	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*89.2 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*96.6 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Benzene-d6		*83.6 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Chloroform-d		*91.8 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Methylene chloride-d2		*88.6 %*	*70-140*		*"*	*"*	*"*	*"*	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-512-SA5D-SV-11.0-12.0 (3E42701-10) Air Sampled: 05/27/14 13:03 Analyzed: 05/27/14 15:35									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	**0.099**	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.020**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	**0.018**	0.020	"	"	"	"	"	"	J
meta- and para-Xylenes	**0.071**	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.16**	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.6 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*97.8 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Benzene-d6		*92.8 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Chloroform-d		*103 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Methylene chloride-d2		*96.6 %*	*70-140*		*"*	*"*	*"*	*"*	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SLV-512-SA5D-SV-16.75-17.75 (3E42701-11) Air	**Sampled: 05/27/14 13:34**		**Analyzed: 05/27/14 16:04**						
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	**0.026**	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.015**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*89.8 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8		*96.4 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		"	"	"	"	
Surrogate: Benzene-d6		*89.1 %*	*70-140*		"	"	"	"	
Surrogate: Chloroform-d		*98.0 %*	*70-140*		"	"	"	"	
Surrogate: Methylene chloride-d2		*94.0 %*	*70-140*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FB-052714 (3E42701-12) Air Sampled: 05/27/14 14:00 Analyzed: 05/27/14 17:01									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	34E2701	05/27/14	05/27/14	EPA 8260B	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
Benzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	ND	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.0 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*100 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: Benzene-d6		*90.6 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Chloroform-d		*99.8 %*	*70-140*		*"*	*"*	*"*	*"*	
Surrogate: Methylene chloride-d2		*96.8 %*	*70-140*		*"*	*"*	*"*	*"*	

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Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 34E2701 - Volatiles										
Blank (34E2701-BLK1)				Prepared & Analyzed: 05/27/14						
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l							
1,1,1-Trichloroethane	ND	0.020	"							
1,1,2,2-Tetrachloroethane	ND	0.020	"							
1,1,2-Trichloro-trifluoroethane	ND	0.020	"							
1,1,2-Trichloroethane	ND	0.020	"							
1,1-Dichloroethane	ND	0.020	"							
1,1-Dichloroethene	ND	0.020	"							
1,2-Dichloroethane	ND	0.020	"							
Benzene	ND	0.020	"							
cis-1,2-Dichloroethene	ND	0.020	"							
Carbon tetrachloride	ND	0.020	"							
Chloroethane	ND	0.020	"							
Chloroform	ND	0.020	"							
Dichlorodifluoromethane	ND	0.020	"							
Ethylbenzene	ND	0.020	"							
Methylene Chloride	ND	0.020	"							
ortho-Xylene	ND	0.020	"							
meta- and para-Xylenes	0.00800	0.020	"							J
trans-1,2-Dichloroethene	ND	0.020	"							
Tetrachloroethene	ND	0.020	"							
Toluene	ND	0.020	"							
Trichloroethene	ND	0.020	"							
Trichlorofluoromethane	ND	0.020	"							
Vinyl Chloride	ND	0.020	"							
Surrogate: Dibromofluoromethane	*2.19*		*"*	*2.50*		*87.7*	*75-125*			
Surrogate: Toluene-d8	*2.51*		*"*	*2.50*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.55*		*"*	*2.50*		*102*	*75-125*			
Surrogate: Benzene-d6	*2.18*		*"*	*2.50*		*87.0*	*70-140*			
Surrogate: Chloroform-d	*2.35*		*"*	*2.50*		*93.9*	*70-140*			
Surrogate: Methylene chloride-d2	*2.22*		*"*	*2.50*		*89.0*	*70-140*			

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 34E2701 - Volatiles										
LCS (34E2701-BS1)				Prepared & Analyzed: 05/27/14						
1,1,1,2-Tetrachloroethane	1.21	0.020	ug/l	1.25		96.8	75-136			
1,1,1-Trichloroethane	0.980	0.020	"	1.25		78.4	73-134			
1,1,2,2-Tetrachloroethane	1.39	0.020	"	1.25		111	56-149			
1,1,2-Trichloro-trifluoroethane	1.21	0.020	"	1.25		96.8	83-125			
1,1,2-Trichloroethane	1.40	0.020	"	1.25		112	67-137			
1,1-Dichloroethane	1.01	0.020	"	1.25		80.8	80-121			
1,1-Dichloroethene	1.12	0.020	"	1.25		89.6	73-137			
1,2-Dichloroethane	1.21	0.020	"	1.25		96.8	75-131			
Benzene	1.27	0.020	"	1.25		102	79-118			
cis-1,2-Dichloroethene	1.22	0.020	"	1.25		97.6	85-116			
Carbon tetrachloride	1.32	0.020	"	1.25		106	74-143			
Chloroethane	1.33	0.020	"	1.25		106	60-137			
Chloroform	1.19	0.020	"	1.25		95.2	82-140			
Dichlorodifluoromethane	0.680	0.020	"	1.25		54.4	47-129			
Ethylbenzene	1.34	0.020	"	1.25		107	83-125			
Methylene Chloride	1.33	0.020	"	1.25		106	81-126			
ortho-Xylene	1.30	0.020	"	1.25		104	85-115			
meta- and para-Xylenes	2.78	0.020	"	2.50		111	83-115			
trans-1,2-Dichloroethene	1.35	0.020	"	1.25		108	72-133			
Tetrachloroethene	1.17	0.020	"	1.25		93.6	60-144			
Toluene	1.32	0.020	"	1.25		106	70-115			
Trichloroethene	1.26	0.020	"	1.25		101	68-132			
Trichlorofluoromethane	1.34	0.020	"	1.25		107	62-144			
Vinyl Chloride	1.39	0.020	"	1.25		111	66-137			
Surrogate: Dibromofluoromethane	*11.4*		*"*	*12.5*		*91.1*	*75-125*			
Surrogate: Toluene-d8	*12.5*		*"*	*12.5*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*13.1*		*"*	*12.5*		*105*	*75-125*			

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Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 34E2701 - Volatiles										
LCS Dup (34E2701-BSD1)				Prepared & Analyzed: 05/27/14						
1,1,1,2-Tetrachloroethane	1.19	0.020	ug/l	1.25		95.2	75-136	1.67	20	
1,1,1-Trichloroethane	1.07	0.020	"	1.25		85.6	73-134	8.78	20	
1,1,2,2-Tetrachloroethane	1.15	0.020	"	1.25		92.0	56-149	18.9	20	
1,1,2-Trichloro-trifluoroethane	1.23	0.020	"	1.25		98.4	83-125	1.64	20	
1,1,2-Trichloroethane	1.19	0.020	"	1.25		95.2	67-137	16.2	20	
1,1-Dichloroethane	1.16	0.020	"	1.25		92.8	80-121	13.8	20	
1,1-Dichloroethene	1.35	0.020	"	1.25		108	73-137	18.6	20	
1,2-Dichloroethane	1.10	0.020	"	1.25		88.0	75-131	9.52	20	
Benzene	1.26	0.020	"	1.25		101	79-118	0.791	20	
cis-1,2-Dichloroethene	1.16	0.020	"	1.25		92.8	85-116	5.04	20	
Carbon tetrachloride	1.31	0.020	"	1.25		105	74-143	0.760	20	
Chloroethane	1.42	0.020	"	1.25		114	60-137	6.55	20	
Chloroform	1.12	0.020	"	1.25		89.6	82-140	6.06	20	
Dichlorodifluoromethane	1.32	0.020	"	1.25		106	47-129	64.0	20	QR-04
Ethylbenzene	1.30	0.020	"	1.25		104	83-125	3.03	20	
Methylene Chloride	1.25	0.020	"	1.25		100	81-126	6.20	20	
ortho-Xylene	1.34	0.020	"	1.25		107	85-115	3.03	20	
meta- and para-Xylenes	2.60	0.020	"	2.50		104	83-115	6.69	20	
trans-1,2-Dichloroethene	1.30	0.020	"	1.25		104	72-133	3.77	20	
Tetrachloroethene	0.920	0.020	"	1.25		73.6	60-144	23.9	20	QR-04
Toluene	1.24	0.020	"	1.25		99.2	70-115	6.25	20	
Trichloroethene	1.24	0.020	"	1.25		99.2	68-132	1.60	20	
Trichlorofluoromethane	1.50	0.020	"	1.25		120	62-144	11.3	20	
Vinyl Chloride	1.29	0.020	"	1.25		103	66-137	7.46	20	
Surrogate: Dibromofluoromethane	*11.0*		*"*	*12.5*		*88.3*	*75-125*			
Surrogate: Toluene-d8	*12.9*		*"*	*12.5*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*12.7*		*"*	*12.5*		*102*	*75-125*			

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2754 Project Manager: Sarah Von Raesfield	**Reported:** 03-Jun-14 14:48

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 34E2701 - Volatiles										
Duplicate (34E2701-DUP1)		**Source: 3E42701-02**		Prepared & Analyzed: 05/27/14						
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l		ND				50	
1,1,1-Trichloroethane	ND	0.020	"		ND				50	
1,1,2,2-Tetrachloroethane	ND	0.020	"		ND				50	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"		ND				50	
1,1,2-Trichloroethane	ND	0.020	"		ND				50	
1,1-Dichloroethane	ND	0.020	"		ND				50	
1,1-Dichloroethene	ND	0.020	"		ND				50	
1,2-Dichloroethane	ND	0.020	"		ND				50	
Benzene	ND	0.020	"		ND				50	
cis-1,2-Dichloroethene	ND	0.020	"		ND				50	
Carbon tetrachloride	ND	0.020	"		ND				50	
Chloroethane	ND	0.020	"		ND				50	
Chloroform	ND	0.020	"		ND				50	
Dichlorodifluoromethane	ND	0.020	"		ND				50	
Ethylbenzene	0.0200	0.020	"		0.0254			23.8	50	
Methylene Chloride	ND	0.020	"		ND				50	
ortho-Xylene	0.0292	0.020	"		0.0358			20.3	50	
meta- and para-Xylenes	0.0654	0.020	"		0.0792			19.1	50	
trans-1,2-Dichloroethene	ND	0.020	"		ND				50	
Tetrachloroethene	ND	0.020	"		ND				50	
Toluene	0.105	0.020	"		0.125			17.2	50	
Trichloroethene	ND	0.020	"		ND				50	
Trichlorofluoromethane	ND	0.020	"		ND				50	
Vinyl Chloride	ND	0.020	"		ND				50	
Surrogate: Dibromofluoromethane	*2.23*		*"*	*2.50*		*89.1*	*75-125*			
Surrogate: Toluene-d8	*2.48*		*"*	*2.50*		*99.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.62*		*"*	*2.50*		*105*	*75-125*			
Surrogate: Benzene-d6	*2.17*		*"*	*2.50*		*86.7*	*70-140*			
Surrogate: Chloroform-d	*2.34*		*"*	*2.50*		*93.6*	*70-140*			
Surrogate: Methylene chloride-d2	*2.31*		*"*	*2.50*		*92.2*	*70-140*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Notes and Definitions

QR-04	The RPD result for this analyte in the sample exceeded the QC control limits; however, the RPD for other analytes were within the QC control limits.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMARY OF INITIAL CALIBRATION

Rerun sample @ 5ppb @ Most.

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:24:09 2013
Response via : Initial Calibration

Calibration Files
1 =K3IC00_1.D 2 =K3IC0_25.D 3 =K07LCS01.D
4 =K3IC1_25.D 5 =K3IC02_5.D 6 =K3IC12_5.D

		Compound	1	2	3	4	5	6	Avg	%RSD	
1)	I	Fluorobenzene (IS)	----------ISTD----------								
2)	S	Dibromofluoromethan	0.311	0.300	0.318	0.319	0.312	0.311	0.312	2.10	
3)	T	(F12) Dichlorodiflu	0.320	0.284	0.302	0.292	0.321	0.321	0.307	5.36	
4)	P	Chloromethane	0.422	0.302	0.293	0.219	0.221	0.212	0.278	29.02	Linear
5)	CM	Vinyl Chloride	0.276	0.224	0.211	0.207	0.207	0.199	0.221	12.88	
6)	T	Bromomethane	0.338	0.225	0.179	0.162	0.150	0.139	0.199	37.55	Linear
7)	T	Chloroethane	0.030	0.106	0.066	0.102	0.098	0.089	0.082	35.53	Quadratic
8)	T	(F11) Trichlorofluo	0.379	0.365	0.327	0.337	0.323	0.326	0.343	6.87	
9)	T	(F113) 1,1,2-Trichl	0.291	0.221	0.227	0.267	0.239	0.229	0.246	11.15	
10)	CM	1,1-Dichloroethene	0.277	0.287	0.322	0.307	0.291	0.286	0.295	5.61	
11)	T	Acetone	0.267	0.136	0.115	0.061	0.051	0.016	0.108	82.94	Quadratic
12)	M	(IPA) Leak Check Co	0.012	0.022	0.014	0.013	0.014	0.016	0.015	27.59	
13)	T	Carbon disulfide	1.178	1.037	1.080	1.042	0.958	0.941	1.039	8.28	
14)	T	Methylene Chloride	0.418	0.313	0.349	0.339	0.327	0.314	0.343	11.47	
15)		(TBA) tert-Butanol	0.022	0.019	0.027	0.022	0.018	0.020	0.021	16.39	
16)	TM	(MTBE) Methyl-t-but	0.789	0.678	0.760	0.729	0.655	0.638	0.708	8.56	
17)	T	trans-1,2-Dichloroe	0.331	0.360	0.342	0.357	0.310	0.318	0.336	6.07	
18)	PM	1,1-Dichloroethane	0.582	0.580	0.586	0.585	0.521	0.518	0.562	5.90	
19)	T	cis-1,2-Dichloroeth	0.442	0.415	0.416	0.387	0.339	0.345	0.390	10.66	
20)	T	2,2-Dichloropropane	0.561	0.489	0.520	0.497	0.440	0.435	0.490	9.80	
21)	T	(MEK) 2-Butanone	0.036	0.041	0.042	0.021	0.440	0.435	0.035	26.97	Not in use.
22)	T	(DIPE) Diisopropyl	1.055	1.006	1.006	1.025	0.901	0.867	0.977	7.64	
23)	T	Bromochloromethane	0.110	0.155	0.185	0.189	0.182	0.184	0.167	18.39	
24)	CM	Chloroform	0.723	0.654	0.684	0.676	0.594	0.598	0.655	7.70	
25)	T	(ETBE) 2-ethoxy 2-m	1.034	0.874	0.941	0.927	0.821	0.823	0.903	9.00	
26)	T	1,1,1-Trichloroetha	0.516	0.540	0.535	0.523	0.496	0.488	0.517	4.07	
27)	T	(TAME) tert-Amyl me	1.000	0.749	0.821	0.764	0.701	0.680	0.786	14.75	
28)	S	1,2-Dichloroethane-	0.309	0.278	0.303	0.299	0.296	0.293	0.296	3.50	
29)	T	1,1-Dichloropropene	0.547	0.492	0.502	0.489	0.439	0.427	0.482	9.13	
30)	T	Carbon Tetrachlorid	0.401	0.388	0.449	0.460	0.412	0.416	0.421	6.66	
31)	M	Benzene	1.374	1.155	1.267	1.217	1.042	1.008	1.177	11.75	
32)	M	1,2-Dichloroethane	0.501	0.382	0.445	0.419	0.385	0.365	0.416	12.20	
33)	M	Trichloroethene	0.480	0.355	0.386	0.399	0.336	0.324	0.380	14.87	
34)	C	1,2-Dichloropropane	0.298	0.297	0.277	0.290	0.264	0.258	0.281	6.17	
35)	T	Dibromomethane	0.207	0.209	0.227	0.244	0.215	0.216	0.220	6.33	
36)	T	Bromodichloromethan	0.459	0.407	0.479	0.446	0.428	0.433	0.442	5.69	
37)	T	cis-1,3-Dichloropro	0.508	0.451	0.526	0.493	0.447	0.467	0.482	6.63	
38)	I	Chlorobenzene-d5 (IS)	----------ISTD----------								
39)	S	Toluene-d8 (SU3)	1.209	1.139	1.193	1.149	1.157	1.149	1.166	2.42	
40)	T	(MIBK) 4-Methyl-2-P	0.545	0.324	0.388	0.078	0.072	0.088	0.249	79.95	Not in use.
41)	CM	Toluene	2.231	1.790	1.660	1.584	1.518	1.441	1.704	16.71	

42)	T	trans-1,3-Dichlorop	0.601	0.493	0.586	0.607	0.528	0.560	0.563	7.97	
43)	T	1,1,2-Trichloroetha	0.310	0.285	0.355	0.328	0.286	0.281	0.308	9.58	
44)	M	Tetrachloroethene	0.462	0.392	0.677	0.635	0.590	0.281	0.551	21.81	LINEAR
45)	T	1,3-Dichloropropane	0.710	0.578	0.592	0.569	0.532	0.529	0.585	11.33	
46)	T	2-Hexanone	0.333	0.186	0.340	0.266	0.333	0.182	0.273	27.20	
47)	T	Dibromochloromethan	0.426	0.363	0.496	0.458	0.432	0.459	0.439	10.18	
48)	T	1,2-Dibromoethane	0.412	0.355	0.430	0.402	0.394	0.396	0.398	6.27	
49)	PM	Chlorobenzene	1.366	1.154	1.110	1.134	1.086	1.043	1.149	9.84	
50)	T	1,1,1,2-Tetrachloro	0.449	0.384	0.437	0.407	0.388	0.387	0.409	6.91	
51)	CM	Ethylbenzene	2.333	2.080	1.968	1.851	1.736	1.654	1.937	12.77	
52)	TM	m,p-Xylenes	0.809	0.711	0.727	0.669	0.615	0.602	0.689	11.20	
53)	TM	o-Xylene	0.867	0.664	0.674	0.671	0.615	0.594	0.681	14.25	
54)	T	Styrene	1.563	1.015	1.078	1.049	0.973	0.934	1.102	21.01	LINEAR
55)	P	Bromoform	0.237	0.199	0.286	0.259	0.238	0.276	0.249	12.69	
56)	T	Isopropylbenzene	2.188	1.855	1.900	1.811	1.764	1.674	1.865	9.44	
57)	T	1,2,3-Trichloroprop	0.505	0.491	0.593	0.516	0.480	0.472	0.509	8.58	
58)	S	4-Bromofluorobenzen	0.518	0.507	0.527	0.511	0.510	0.495	0.511	2.08	
59)	I	1,4-Dichlorobenzene-d	----------ISTD----------								
60)	P	1,1,2,2-Tetrachloro	1.020	0.822	1.013	0.870	0.774	0.905	0.901	11.13	
61)	T	Bromobenzene	1.079	1.003	1.043	0.946	0.914	0.907	0.982	7.20	
62)	T	n-Propylbenzene	6.721	5.112	5.219	4.601	4.392	4.279	5.054	17.82	
63)	T	2-Chlorotoluene	3.644	2.948	3.362	3.044	2.868	2.805	3.112	10.48	
64)	T	1,3,5-Trimethylbenz	3.612	3.208	3.247	3.017	2.832	2.775	3.115	9.93	
65)	T	4-Chlorotoluene	3.315	2.950	2.942	2.812	2.597	2.623	2.873	9.19	
66)	T	tert-Butylbenzene	2.817	2.666	3.007	2.633	2.430	2.371	2.654	8.96	
67)	T	1,2,4-Trimethylbenz	3.774	3.331	3.421	3.050	2.968	2.953	3.250	9.91	
68)	T	sec-Butylbenzene	4.837	3.956	4.522	4.187	3.865	3.852	4.203	9.54	
69)	T	p-Isopropyltoluene	3.974	3.475	3.582	3.347	3.061	3.060	3.417	10.13	
70)	T	1,3-Dichlorobenzene	2.120	1.740	1.888	1.871	1.734	1.744	1.850	8.06	
71)	T	1,4-Dichlorobenzene	2.120	1.740	1.974	1.864	1.658	1.729	1.847	9.43	
72)	T	n-Butylbenzene	4.391	3.645	3.644	3.397	3.264	3.192	3.589	12.14	
73)	T	1,2-Dichlorobenzene	1.716	1.534	1.764	1.657	1.614	1.583	1.645	5.20	
74)	T	1,2-Dibromo-3-chlor	0.082	0.104	0.111	0.148	0.133	0.146	0.121	21.61	LINEAR
75)	T	1,2,4-Trichlorobenz	1.184	1.091	1.244	1.074	1.050	1.044	1.115	7.28	
76)	T	Hexachlorobutadiene	0.297	0.477	0.596	0.481	0.499	0.507	0.476	20.56	LINEAR
77)	T	Naphthalene	2.690	2.294	3.052	2.312	2.176	2.294	2.470	13.55	
78)	T	Hexachloroethane	0.306	0.301	0.391	0.362	0.374	0.435	0.361	14.24	
79)	T	1,2,3-Trichlorobenz	1.346	0.926	1.173	0.993	0.940	0.968	1.058	15.82	

(#) = Out of Range

MW111313.M Wed Nov 13 19:25:18 2013

CONTINUING CALIBRATION VERIFICATION

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27CCV01.D Vial: 10
Acq On : 27 May 2014 6:52 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 27 7:33 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1684875m	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1172956m	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	612677	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.44	113	469211	11.16 ug/L	0.02
Spiked Amount 12.500 Range 75 - 125 Recovery = 89.28%					
28) 1,2-Dichloroethane-d4 (SU2	9.91	65	467260	11.70 ug/L	0.01
Spiked Amount 12.500 Range 75 - 125 Recovery = 93.60%					
39) Toluene-d8 (SU3)	12.21	98	1425906	13.03 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 104.24%					
58) 4-Bromofluorobenzene (SU4)	15.22	95	641591	13.37 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 106.96%					

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.11	85	29185	0.71 ug/L	94
4) Chloromethane	4.46	50	40489	1.31 ug/L	41
5) Vinyl Chloride	4.60	62	41383	1.39 ug/L	68
6) Bromomethane	5.15	96	23518	1.09 ug/L	1
7) Chloroethane	5.30	64	18268	1.39 ug/L	52
8) (F11) Trichlorofluorometha	5.67	101	56717	1.23 ug/L	91
9) (F113) 1,1,2-Trichloro-tri	6.38	151	43519	1.31 ug/L	100
10) 1,1-Dichloroethene	6.45	96	53151	1.34 ug/L	94
11) Acetone	6.47	58	43858	-12.50 ug/L	97
12) (IPA) Leak Check Compound	6.54	45	77478	38.27 ug/L	99
13) Carbon disulfide	6.87	76	191441	1.37 ug/L	100
14) Methylene Chloride	7.12	84	60168	1.30 ug/L #	92
15) (TBA) tert-Butanol	7.10	59	2891	1.01 ug/L #	77
16) (MTBE) Methyl-t-butyl ethe	7.41	73	93656	0.98 ug/L	96
17) trans-1,2-Dichloroethene	7.49	96	61572	1.36 ug/L	95
18) 1,1-Dichloroethane	8.08	63	101687	1.34 ug/L	85
19) cis-1,2-Dichloroethene	8.84	96	63984	1.22 ug/L	93
20) 2,2-Dichloropropane	8.82	77	264	0.00 ug/L #	1
21) (MEK) 2-Butanone	8.80	72	7227	1.53 ug/L #	44
22) (DIPE) Diisopropyl Ether	8.01	45	182969	1.39 ug/L	97
23) Bromochloromethane	9.17	128	25557	1.13 ug/L #	83
24) Chloroform	9.22	83	104547	1.18 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27CCV01.D Vial: 10
Acq On : 27 May 2014 6:52 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 27 7:33 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) (ETBE) 2-ethoxy 2-methyl p	8.50	59	120604	0.99 ug/L #	96
26) 1,1,1-Trichloroethane	9.51	97	70108	1.01 ug/L	93
27) (TAME) tert-Amyl methyl et	10.01	73	111150	1.05 ug/L	94
29) 1,1-Dichloropropene	9.70	75	79628	1.22 ug/L	99
30) Carbon Tetrachloride	13.89	117	69552	1.23 ug/L	98
31) Benzene	9.99	78	197983	1.25 ug/L #	91
32) 1,2-Dichloroethane	10.00	62	70717	1.26 ug/L	95
33) Trichloroethene	10.75	130	67658	1.32 ug/L	99
34) 1,2-Dichloropropane	11.05	63	54079	1.43 ug/L	94
35) Dibromomethane	11.22	93	36471	1.23 ug/L	98
36) Bromodichloromethane	11.36	83	69830	1.17 ug/L	90
37) cis-1,3-Dichloropropene	11.87	75	63750	0.98 ug/L	93
40) (MIBK) 4-Methyl-2-Pentanon	12.12	43	11366	0.49 ug/L #	100
41) Toluene	12.29	91	227878	1.43 ug/L	96
42) trans-1,3-Dichloropropene	12.51	75	48409	0.92 ug/L #	82
43) 1,1,2-Trichloroethane	12.75	83	43143	1.50 ug/L	93
44) Tetrachloroethene	12.95	164	67051	1.19 ug/L	96
45) 1,3-Dichloropropane	12.97	76	72200	1.32 ug/L	98
46) 2-Hexanone	12.97	43	41158	1.60 ug/L	89
47) Dibromochloromethane	13.25	129	53763	1.30 ug/L #	99
48) 1,2-Dibromoethane	13.43	107	50323	1.35 ug/L	95
49) Chlorobenzene	13.95	112	147542	1.37 ug/L	94
50) 1,1,1,2-Tetrachloroethane	14.03	131	52394	1.37 ug/L	91
51) Ethylbenzene	14.03	91	257211	1.42 ug/L	99
52) m,p-Xylenes	14.15	106	183018	2.83 ug/L	99
53) o-Xylene	14.62	106	90645	1.42 ug/L	98
54) Styrene	14.63	104	142452	1.55 ug/L	96
55) Bromoform	14.92	173	30116	1.29 ug/L #	96
56) Isopropylbenzene	15.01	105	250853	1.43 ug/L	99
57) 1,2,3-Trichloropropane	15.42	75	64888	1.36 ug/L #	1
60) 1,1,2,2-Tetrachloroethane	15.34	83	58447	1.32 ug/L	98
61) Bromobenzene	15.44	156	64235	1.33 ug/L	94
62) n-Propylbenzene	15.46	91	324473	1.31 ug/L	99
63) 2-Chlorotoluene	15.62	91	206902	1.36 ug/L	99
64) 1,3,5-Trimethylbenzene	15.62	105	196753	1.29 ug/L	100
65) 4-Chlorotoluene	15.73	91	196737	1.40 ug/L	99
66) tert-Butylbenzene	16.01	119	168621	1.30 ug/L	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27CCV01.D Vial: 10
Acq On : 27 May 2014 6:52 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 27 7:33 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

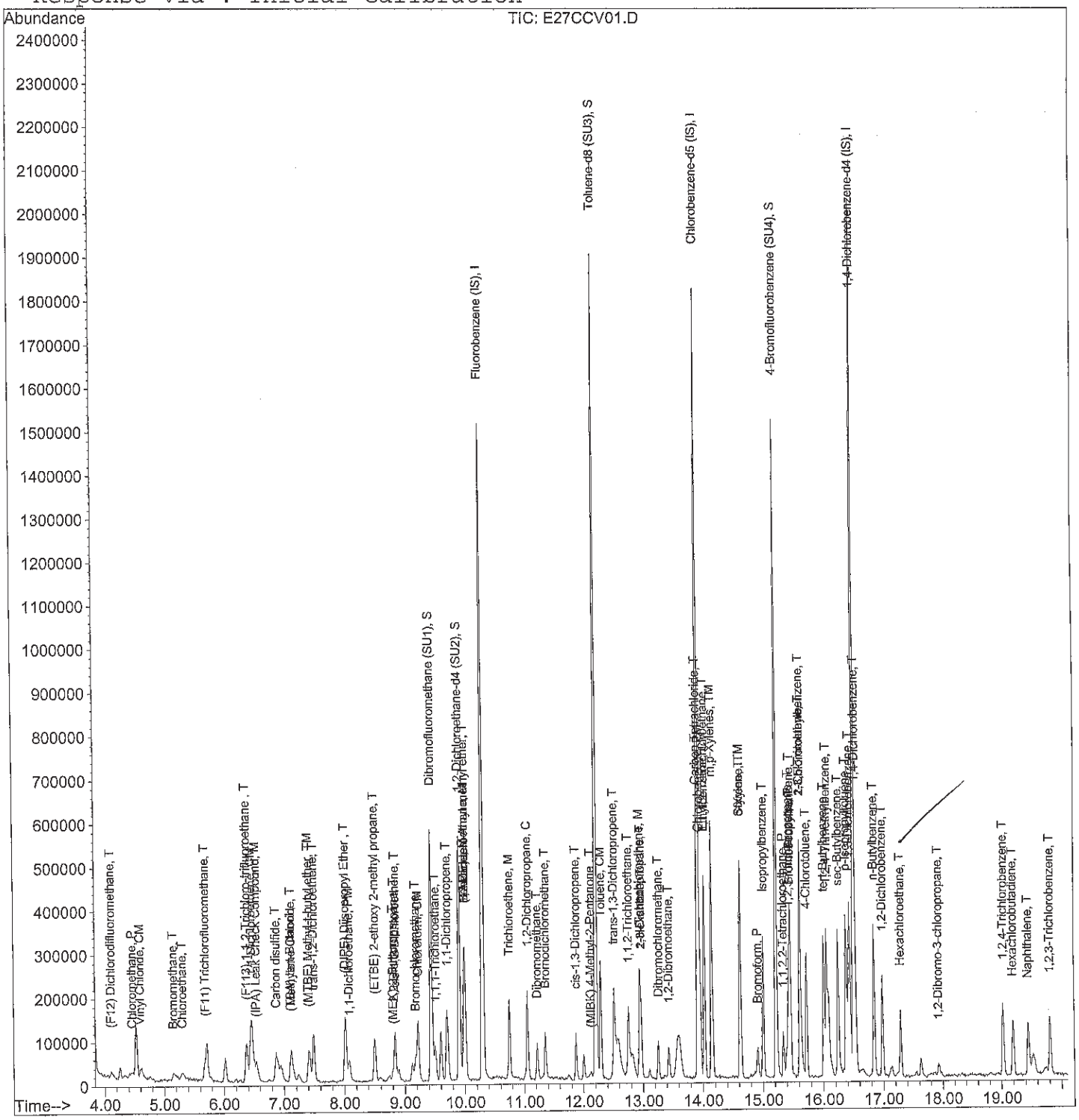
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
67)	1,2,4-Trimethylbenzene	16.06	105	211876	1.33 ug/L	94
68)	sec-Butylbenzene	16.25	105	273394	1.33 ug/L	98
69)	p-Isopropyltoluene	16.38	119	216404	1.29 ug/L	96
70)	1,3-Dichlorobenzene	16.44	146	122769	1.35 ug/L	98
71)	1,4-Dichlorobenzene	16.54	146	119770	1.32 ug/L	99
72)	n-Butylbenzene	16.84	91	240111	1.36 ug/L	97
73)	1,2-Dichlorobenzene	16.98	146	112611	1.40 ug/L	97
74)	1,2-Dibromo-3-chloropropan	17.93	75	8720	1.30 ug/L #	81
75)	1,2,4-Trichlorobenzene	19.03	180	70111	1.28 ug/L	96
76)	Hexachlorobutadiene	19.20	225	32688	1.33 ug/L	99
77)	Naphthalene	19.45	128	145796	1.20 ug/L	100
78)	Hexachloroethane	17.29	201	21385	1.21 ug/L	92
79)	1,2,3-Trichlorobenzene	19.81	180	64273	1.24 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E27CCV01.D Vial: 10
Acq On : 27 May 2014 6:52 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 27 7:33 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\052714L3\E27CCV01.D Vial: 10
Acq On : 27 May 2014 6:52 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene (IS)	12.500	12.500	0.0	127	0.00
2	S	Dibromofluoromethane (SU1)	12.500	11.165	10.7	111	0.02
3	T	(F12) Dichlorodifluorometha	1.250	0.706	43.5#	75	0.04
4	P	Chloromethane	1.250	1.312	-5.0	139	0.07
5	CM	Vinyl Chloride	1.250	1.391	-11.3	151	0.05
6	T	Bromomethane	1.250	1.091	12.7	110	0.05
7	T	Chloroethane	1.250	1.388	-11.0	135	0.06
8	T	(F11) Trichlorofluoromethan	1.250	1.227	1.8	127	0.06
9	T	(F113) 1,1,2-Trichloro-trif	1.250	1.314	-5.1	123	0.05
10	CM	1,1-Dichloroethene	1.250	1.337	-7.0	130	0.05
11	T	Acetone	1.250	-12.500	1100.0#	539	0.01
12	M	(IPA) Leak Check Compound	62.500	38.268	38.8#	84	0.00
13	T	Carbon disulfide	1.250	1.367	-9.4	138	0.05
14	T	Methylene Chloride	1.250	1.300	-4.0	134	0.04
15		(TBA) tert-Butanol	12.500	1.006	92.0#	10	-0.01
16	TM	(MTBE) Methyl-t-butyl ether	2.500	0.981	60.8#	48	0.01
17	T	trans-1,2-Dichloroethene	1.250	1.358	-8.6	130	0.03
18	PM	1,1-Dichloroethane	1.250	1.342	-7.4	131	0.03
19	T	cis-1,2-Dichloroethene	1.250	1.216	2.7	125	0.02
20	T	2,2-Dichloropropane	1.250	0.004	99.7#	0	-0.01
21	T	(MEK) 2-Butanone	1.250	1.526	-22.1	132	0.01
22	T	(DIPE) Diisopropyl Ether	1.250	1.390	-11.2	135	0.00
23	T	Bromochloromethane	1.250	1.133	9.4	102	0.02
24	CM	Chloroform	1.250	1.184	5.3	117	0.02
25	T	(ETBE) 2-ethoxy 2-methyl pr	1.250	0.991	20.7	98	0.00
26	T	1,1,1-Trichloroethane	1.250	1.007	19.4	101	0.02
27	T	(TAME) tert-Amyl methyl eth	1.250	1.049	16.1	110	0.00
28	S	1,2-Dichloroethane-d4 (SU2)	12.500	11.699	6.4	118	0.01
29	T	1,1-Dichloropropene	1.250	1.224	2.1	123	0.01
30	T	Carbon Tetrachloride	1.250	1.226	1.9	114	4.18#
31	M	Benzene	1.250	1.248	0.2	123	0.01
32	M	1,2-Dichloroethane	1.250	1.261	-0.9	127	0.01
33	M	Trichloroethene	1.250	1.322	-5.8	128	0.01
34	C	1,2-Dichloropropane	1.250	1.429	-14.3	141	0.00
35	T	Dibromomethane	1.250	1.232	1.4	113	0.00
36	T	Bromodichloromethane	1.250	1.172	6.2	118	0.01
37	T	cis-1,3-Dichloropropene	1.250	0.981	21.5	97	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\052714L3\E27CCV01.D Vial: 10
Acq On : 27 May 2014 6:52 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
38	I	Chlorobenzene-d5 (IS)	12.500	12.500	0.0	113	0.00
39	S	Toluene-d8 (SU3)	12.500	13.034	-4.3	120	0.00
40	T	(MIBK) 4-Methyl-2-Pentanone	1.250	0.486	61.1#	140	0.00
41	CM	Toluene	1.250	1.425	-14.0	139	0.00
42	T	trans-1,3-Dichloropropene	1.250	0.917	26.6	77	0.00
43	T	1,1,2-Trichloroethane	1.250	1.495	-19.6	127	0.00
44	M	Tetrachloroethene	1.250	1.193	4.6	102	0.00
45	T	1,3-Dichloropropane	1.250	1.315	-5.2	123	0.00
46	T	2-Hexanone	1.250	1.604	-28.3	149	0.00
47	T	Dibromochloromethane	1.250	1.305	-4.4	114	0.00
48	T	1,2-Dibromoethane	1.250	1.347	-7.8	121	0.00
49	PM	Chlorobenzene	1.250	1.369	-9.5	126	0.00
50	T	1,1,1,2-Tetrachloroethane	1.250	1.366	-9.3	125	0.00
51	CM	Ethylbenzene	1.250	1.415	-13.2	134	0.00
52	TM	m,p-Xylenes	2.500	2.832	-13.3	132	0.00
53	TM	o-Xylene	1.250	1.419	-13.5	131	0.00
54	T	Styrene	1.250	1.546	-23.7	131	0.00
55	P	Bromoform	1.250	1.288	-3.0	112	0.00
56	T	Isopropylbenzene	1.250	1.433	-14.6	134	0.00
57	T	1,2,3-Trichloropropane	1.250	1.357	-8.6	122	0.00
58	S	4-Bromofluorobenzene (SU4)	12.500	13.374	-7.0	122	0.00
59	I	1,4-Dichlorobenzene-d4 (IS)	12.500	12.500	0.0	122	0.00
60	P	1,1,2,2-Tetrachloroethane	1.250	1.324	-5.9	134	0.00
61	T	Bromobenzene	1.250	1.335	-6.8	135	0.00
62	T	n-Propylbenzene	1.250	1.310	-4.8	140	0.00
63	T	2-Chlorotoluene	1.250	1.357	-8.6	135	0.00
64	T	1,3,5-Trimethylbenzene	1.250	1.289	-3.1	130	0.00
65	T	4-Chlorotoluene	1.250	1.397	-11.8	139	0.00
66	T	tert-Butylbenzene	1.250	1.296	-3.7	128	0.00
67	T	1,2,4-Trimethylbenzene	1.250	1.330	-6.4	138	0.00
68	T	sec-Butylbenzene	1.250	1.327	-6.2	130	0.00
69	T	p-Isopropyltoluene	1.250	1.292	-3.4	129	0.00
70	T	1,3-Dichlorobenzene	1.250	1.354	-8.3	131	0.00
71	T	1,4-Dichlorobenzene	1.250	1.323	-5.8	128	0.00
72	T	n-Butylbenzene	1.250	1.365	-9.2	141	0.00
73	T	1,2-Dichlorobenzene	1.250	1.397	-11.8	135	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\052714L3\E27CCV01.D Vial: 10
Acq On : 27 May 2014 6:52 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
74	T	1,2-Dibromo-3-chloropropane	1.250	1.299	-3.9	117	0.00
75	T	1,2,4-Trichlorobenzene	1.250	1.283	-2.6	130	0.00
76	T	Hexachlorobutadiene	1.250	1.328	-6.2	135	0.00
77	T	Naphthalene	1.250	1.204	3.7	126	0.00
78	T	Hexachloroethane	1.250	1.207	3.4	118	-0.01
79	T	1,2,3-Trichlorobenzene	1.250	1.240	0.8	129	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

SUMMARY OF INTERNAL STANDARDS

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\052714L3\E27BFB01.D
Tune Time : 27 May 14 6:07 am

Daily Calibration File : C:\HPCHEM\1\DATA\013014L3\A30CCV01.D

File	Sample	Surrogate Recovery %				Internal Standard Responses (PFB) 1590180	(CLBD 1163370	(1,4- 587649
E2700001.D	3E42701-	90	96	95	105	1669603	1275583	659835
E2700002.D	3E42701-	88	92	99	107	1799866	1320072	691378
E2700003.D	34E2701-	89	92	99	105	1808256	1342252	685345
E2700004.D	3E42701-	92	97	99	106	1745598	1321272	716932
E2700005.D	3E42701-	89	89	98	104	1913339	1437327	745284
E2700006.D	3E42701-	90	95	100	110	1697668	1272990	687505
E2700007.D	3E42701-	88	87	101	106	1848407	1360103	711592
E2700008.D	3E42701-	90	89	101	108	1858802	1370885	727236
E2700009.D	3E42701-	89	86	102	105	1755921	1286154	676173
E2700010.D	3E42701-	87	86	100	105	1745629	1286126	662328
E2700011.D	3E42701-	91	92	100	107	1694263	1301352	693994
E2700012.D	3E42701-	89	93	97	108	1679743	1298736	682899
E2700013.D	3E42701-	91	93	98	106	1519594	1165882	627293
E2700014.D	3E42701-	90	95	96	109	1558226	1225289	643267
E2700015.D	3E42701-	90	91	100	103	1656895	1256682	652135
E27BLK01.D	34E2701-	88	87	100	102	1865195	1375456	703693
E27LCS01.D	34E2701-	91	93	100	105	1771401	1269697	637939
E27LCS02.D	34E2701-	88	86	103	102	1665701	1168708	574407

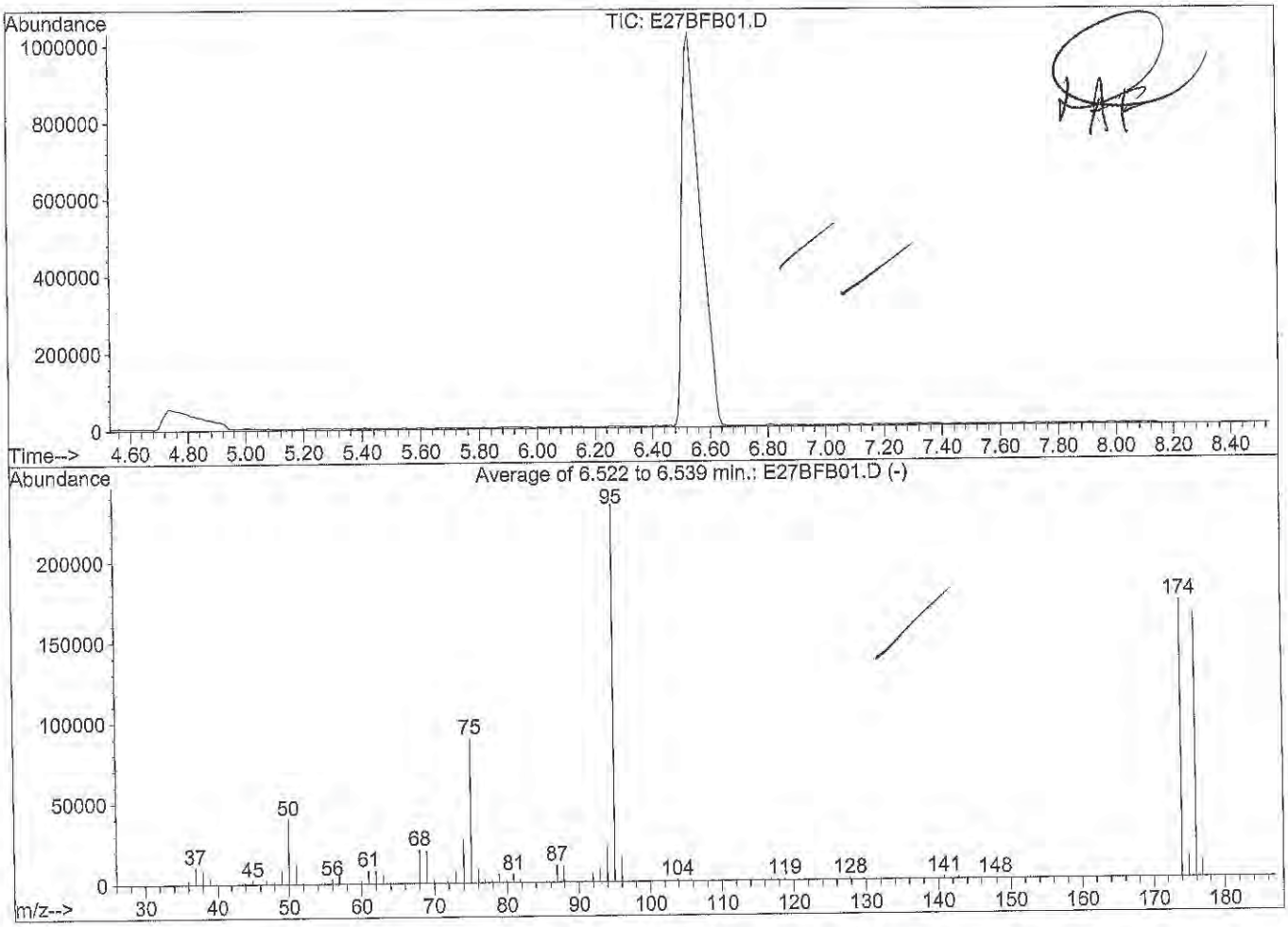
t - fails 12hr time check * - fails criteria

Created: Sun Jun 08 11:43:58 2014 GC
MS Ins

Summary of Instrument Tuning

BFB

Data File : C:\HPCHEM\1\DATA\052714L3\E27BFB01.D Vial: 1
Acq On : 27 May 2014 6:07 am Operator: DN
Sample : 50 ng BFB tune Inst : GC/MS Ins
Misc : 12HRS SYSTEM BFB TUNING Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN



AutoFind: Scans 319, 320, 321; Background Corrected with Scan 311

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.0	39963	PASS
75	95	30	60	38.2	89459	PASS
95	95	100	100	100.0	234475	PASS
96	95	5	9	6.6	15517	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	73.5	172416	PASS
175	174	5	9	7.5	12851	PASS
176	174	95	101	95.1	163947	PASS
177	176	5	9	6.2	10194	PASS

E27BFB01.D MW111313.M Tue May 27 07:35:37 2014

INJECTION LOG

Injection Log

Directory: c:\hpchem\1\data\052714l3

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	11	e2700001.d	10.	3E42701-01	100cc Equipment Blank	27 May 14 09:29
2	1	e2700002.d	10.	3E42701-02	100cc SVL-502-SA5D-SV-5.0-6.0	27 May 14 09:58
3	2	e2700003.d	10.	34E2701-DUP1	100cc SVL-502-SA5D-SV-5.0-6.0	27 May 14 10:27
4	3	e2700004.d	10.	3E42701-03	100cc SVL-802-SA5D-SV-5.0-6.0	27 May 14 10:57
5	4	e2700005.d	10.	3E42701-04	100cc SVL-502-SA5D-SV-13.0-14.0	27 May 14 11:32
6	5	e2700006.d	10.	3E42701-05	100cc SVL-502-SA5D-SV-18.0-19.0	27 May 14 12:03
7	6	e2700007.d	10.	3E42701-06	100cc SVL-513-SA5D-SV-5.0-6.0	27 May 14 12:33
8	7	e2700008.d	10.	3E42701-07	100cc SVL-513-SA5D-SV-10.0-11.0	27 May 14 13:02
9	8	e2700009.d	10.	3E42701-07	5cc SVL-513-SA5D-SV-10.0-11.0 20X DIL	27 May 14 13:31
10	8	e2700010.d	10.	3E42701-08	5cc SVL-513-SA5D-SV-15.5-16.5 20X DIL	27 May 14 14:01
11	2	e2700011.d	10.	3E42701-08	100cc SVL-513-SA5D-SV-15.5-16.5	27 May 14 14:34
12	3	e2700012.d	10.	3E42701-09	100cc SVL-512-SA5D-SV-5.0-6.0	27 May 14 15:05
13	4	e2700013.d	10.	3E42701-10	100cc SVL-512-SA5D-SV-11.0-12.0	27 May 14 15:35
14	5	e2700014.d	10.	3E42701-11	100cc SVL-512-SA5D-SV-16.75-17.75	27 May 14 16:04
15	6	e2700015.d	10.	3E42701-12	100cc FB-052714	27 May 14 17:01
16	1	e27bfb01.d	1.	50 ng BFB tune	12HRS SYSTEM BFB TUNING	27 May 14 06:07
17	11	e27blk01.d	10.	34E2701-BLK1	100cc AMBIENT AIR/H20	27 May 14 09:00
18	10	e27ccv01.d	1.	1.25/2.5/12.5 ug/L 8260B std	20mL 8260 CCV	27 May 14 06:52
19	10	e27lcs01.d	1.	34E2701-BS1	20cc 1.25/2.5/12.5 ug/L LCS	27 May 14 07:33
20	9	e27lcs02.d	1.	34E2701-BSD1	20cc 1.25/2.5/12.5 ug/L LCS	27 May 14 17:30

28 May 14 05:47

SAMPLE LOG SHEET

Environmental Support Technologies, Inc.
SOIL GAS - FIELD ANALYSIS
Sample Log Sheet

Date:_05/27/2014_____
Analyst:_____DN_____
Lab ID:_____# 3_____
Batch Number:_34E2701_____
Project Number:_EST2754___

EPA Method:_8260B CHHSLS 0.02 RL GILAN AIR5 PUMP
Initial Calibration:_MW111313.MTH FLOW RATE @ 200mL/min
Cal Std Lot No.:__4D14009_____
LCS Std Lot No.:_4D14008_____ Glass Bulb Bake @
IS/SS Lot No.:___4D14001_____ 130 degree for 30 min

MWH SSFL , CA

File No.	Port No.	Sample Lab No.	Sample ID	Amount	Dilution Factor	Bulb Surr added	Time Sample Loaded	Time Sample Analyzed	Glass Bulb #	PID READING
E427BFB1	1	50uL BFB1	12HRS TUNING	1uL	1x	PASS	@	607		
CCV1	9	1.25/2.5/12.5 CCV1	8260 STARDARD	20mL	1x	640	641	652		
BS1	9	34E2701-BS1	8260 1.25/2.5/12.5 ug/L LCS	20mL	1x	715	716	733		
BLK1	1	34E2701-BLK1	METHOD BLANK	100cc	1x	845	846	900		
1	2	3E42701-01	EQUIPMENT BLANK	100cc	1x	910	911	929		0.0
2	1	3E42701-02	SVL-502-SA5D-SV-5.0-6.0	100cc	1x	832	833	958	11	0.0
3	2	34E2701-DUP1	SVL-502-SA5D-SV-5.0-6.0	100cc	1x	832	834	1027	11	0.0
4	3	3E42701-03	SVL-802-SA5D-SV-5.0-6.0	100cc	1x	832	835	1057	7	0.0
5	4	3E42701-04	SVL-502-SA5D-SV-13.0-14.0	100cc	1x	909	910	1132	5	0.0
6	5	3E42701-05	SVL-502-SA5D-SV-18.0-19.0	100cc	1x	942	943	1203	6	0.0
7	6	3E42701-06	SVL-513-SA5D-SV-5.0-6.0	100cc	1x	1015	1016	1233	1	0.0
RERUN 8	7	3E42701-07	SVL-513-SA5D-SV-10.0-11.0	100cc	1x	1045	1046	1302	8	0.0
9	8	3E42701-07	SVL-513-SA5D-SV-10.0-11.0	5cc	20x	1045	1315	1331	8	0.0
RERUN 10	1	3E42701-08	SVL-513-SA5D-SV-15.5-16.5	5cc	20x	1122	1123	1402	9	0.0
11	2	3E42701-08	SVL-513-SA5D-SV-15.5-16.5	100cc	1x	1122	1123	1434	9	0.0
12	3	3E42701-09	SVL-512-SA5D-SV-5.0-6.0	100cc	1x	1232	1233	1505	3	0.0
13	4	3E42701-10	SVL-512-SA5D-SV-11.0-12.0	100cc	1x	1303	1304	1535	10	0.0
14	5	3E42701-11	SVL-512-SA5D-SV-16.75-17.75	100cc	1x	1334	1335	1604	13	0.0
15	6	3E42701-12	FB-052714	100cc	1x	1400	1401	1701	12	0.0
BSD1	9	34E2701-BSD1	8260 1.25/2.5/12.5 ug/L LCS	20mL	1x	1715	1716	1730		

CASE NARRATIVE

LABORATORY CASE NARRATIVE
(EPA 8260B)

SDG: 34E2701
DATE: May 27, 2014
PROJECT No.: EST2754

Twelve (12) Glass Bulb soil vapor samples were analyzed on May 27, 2014, by EPA Method Analysis performed using a gas chromatograph/mass spectrometer (GC/MS).

Sample Preservation and Holding Times

Samples were preserved according to the method recommendation, unless otherwise noted on the chain-of-custody (COC) and /or the sample log sheet. Holding times were met, unless otherwise noted in the report with data qualifiers.

QA/QC Criteria

All quality objective criteria were met, except as noted in the report with data qualifiers.

Samples Analysis

No anomalies were observes during analysis of the samples.

COMMENTS:

Results that fall between the MDL and RL are 'J' flagged.

Adjusted values corrected for significant figure correction (10X) and sample volume (5X).

RAW DATA FOR QC SAMPLES AND INITIAL CALIBRATION DUPLICATE SAMPLE

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700003.D Vial: 2
Acq On : 27 May 2014 10:27 am Operator: DN
Sample : 34E2701-DUP1 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 10:52 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1808256	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1342252	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	685345	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	502458	11.14 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 89.12%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	490615	11.45 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 91.60%		
39) Toluene-d8 (SU3)	12.20	98	1554440	12.42 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 99.36%		
58) 4-Bromofluorobenzene (SU4)	15.22	95	719373	13.10 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 104.80%		

Target Compounds					Qvalue
4) Chloromethane	4.41	50	2882	-0.27 ~~ug/L~~ #	62
6) Bromomethane	5.12	96	4565	0.52 ~~ug/L~~ #	61
7) Chloroethane	5.34	64	2763	2.52 ~~ug/L~~	96
11) Acetone	6.46	58	20993	30.21 ~~ug/L~~	98
12) (IPA) Leak Check Compound	6.49	45	70661	325.20 ~~ug/L~~ #	89
13) Carbon disulfide	6.86	76	68631	4.57 ~~ug/L~~ 0.0918	98
14) Methylene Chloride	7.08	84	6615	1.33 ~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.91	59	3628	11.76 ~~ug/L~~ #	77
21) (MEK) 2-Butanone	8.80	72	1109	2.18 ~~ug/L~~ #	1
24) Chloroform	9.21	83	2110	0.22 ~~ug/L~~ #	1
25) (ETBE) 2-ethoxy 2-methyl p	8.34	59	1076	0.08 ~~ug/L~~ #	44
29) 1,1-Dichloropropene	9.93	75	914	0.13 ~~ug/L~~ #	1
31) Benzene	9.98	78	12818	0.75 ~~ug/L~~ #	68
32) 1,2-Dichloroethane	9.93	62	6604	1.10 ~~ug/L~~ #	1
35) Dibromomethane	11.01	93	354	0.11 ~~ug/L~~ #	5
40) (MIBK) 4-Methyl-2-Pentanon	12.19	43	7694	2.87 ~~ug/L~~ #	100
41) Toluene	12.29	91	96304	5.26 ug/L 0.1052	98
42) trans-1,3-Dichloropropene	12.29	75	291	0.05 ~~ug/L~~ #	1
46) 2-Hexanone	12.96	43	1860	0.63 ~~ug/L~~ #	63
51) Ethylbenzene	14.02	91	20829	1.00 ug/L 0.02	97
52) m,p-Xylenes	14.15	106	24163	3.27 ug/L 0.0654	100
53) o-Xylene	14.61	106	10708	1.46 ug/L 0.0292	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700003.D Vial: 2
Acq On : 27 May 2014 10:27 am Operator: DN
Sample : 34E2701-DUP1 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 10:52 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

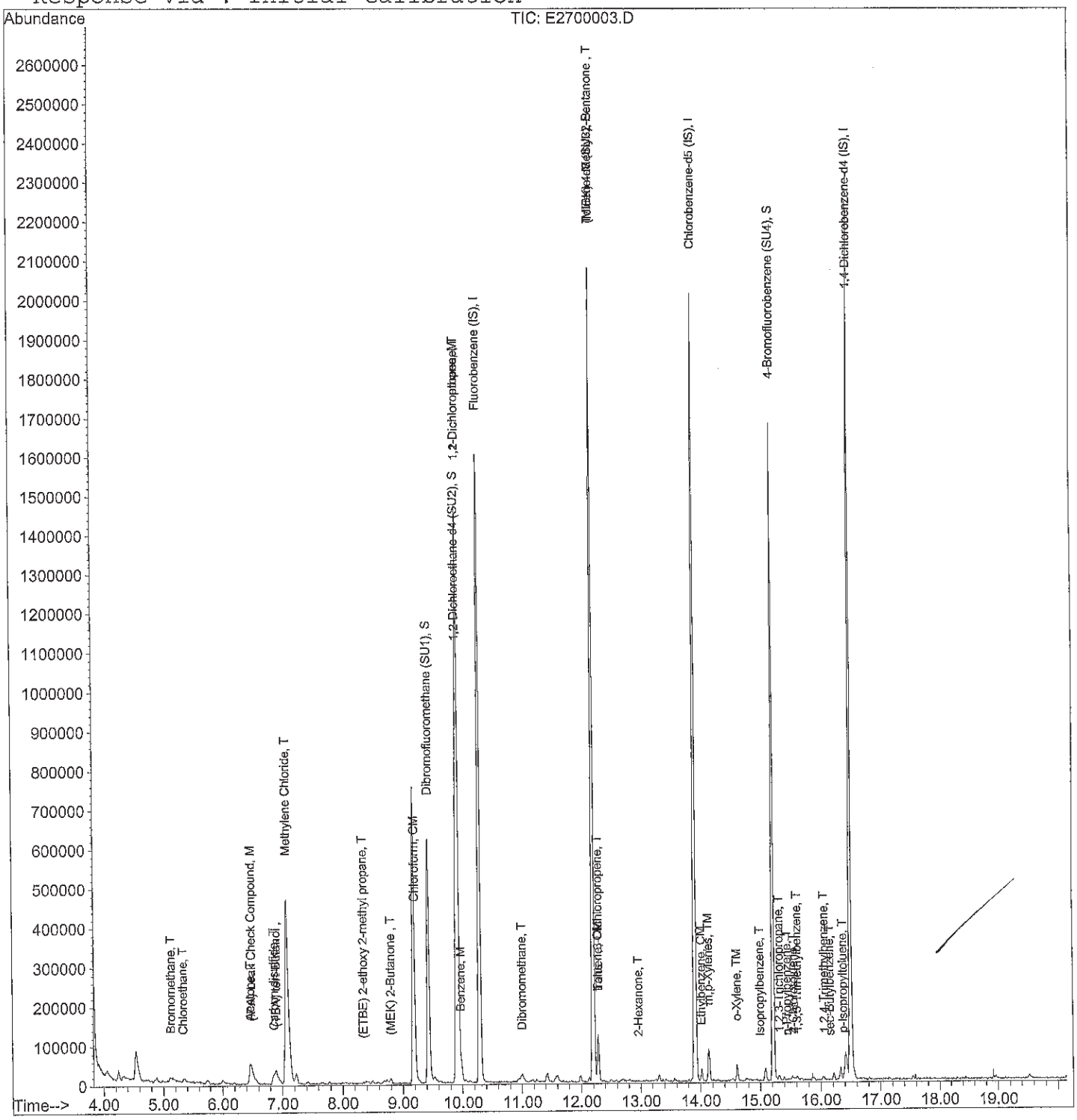
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
54) Styrene	14.61	104	1620	-0.72	~~ug/L #~~	1
56) Isopropylbenzene	15.00	105	303	0.02	~~ug/L~~ #	55
57) 1,2,3-Trichloropropane	15.33	75	311	0.06	~~ug/L~~ #	36
62) n-Propylbenzene	15.45	91	1810	0.07	~~ug/L~~ #	56
63) 2-Chlorotoluene	15.56	91	290	0.02	~~ug/L~~ #	45
64) 1,3,5-Trimethylbenzene	15.62	105	1575	0.09	~~ug/L~~ #	31
65) 4-Chlorotoluene	15.56	91	290	0.02	~~ug/L~~ #	44
67) 1,2,4-Trimethylbenzene	16.06	105	4346	0.24	ug/L 0.0048	99
68) sec-Butylbenzene	16.15	105	314	0.01	~~ug/L~~ #	62
69) p-Isopropyltoluene	16.37	119	723	0.04	~~ug/L~~ #	52

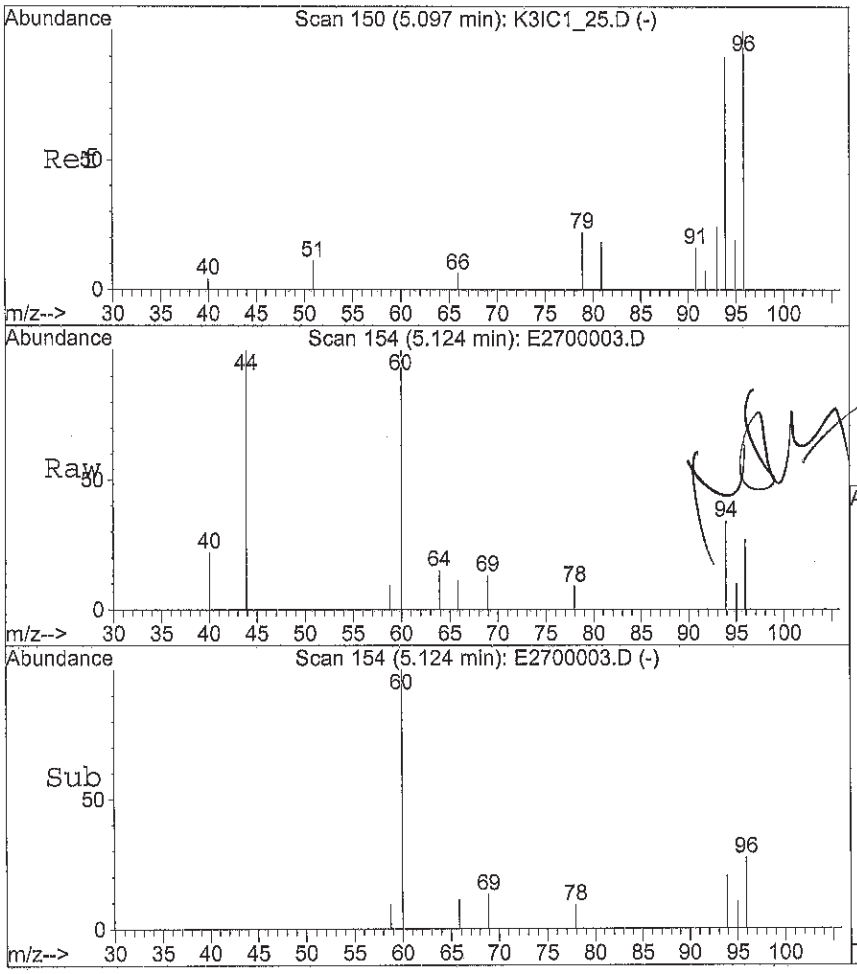
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700003.D Vial: 2
Acq On : 27 May 2014 10:27 am Operator: DN
Sample : 34E2701-DUP1 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 10:52 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

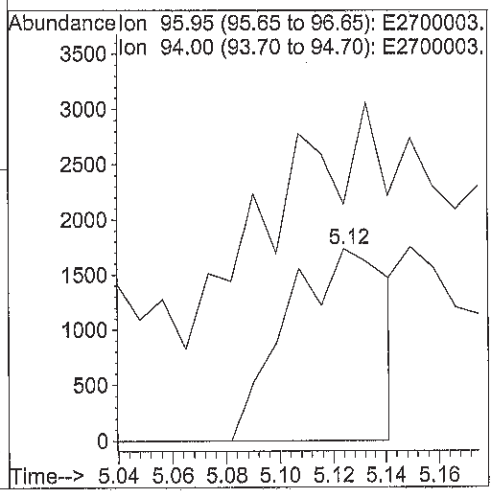


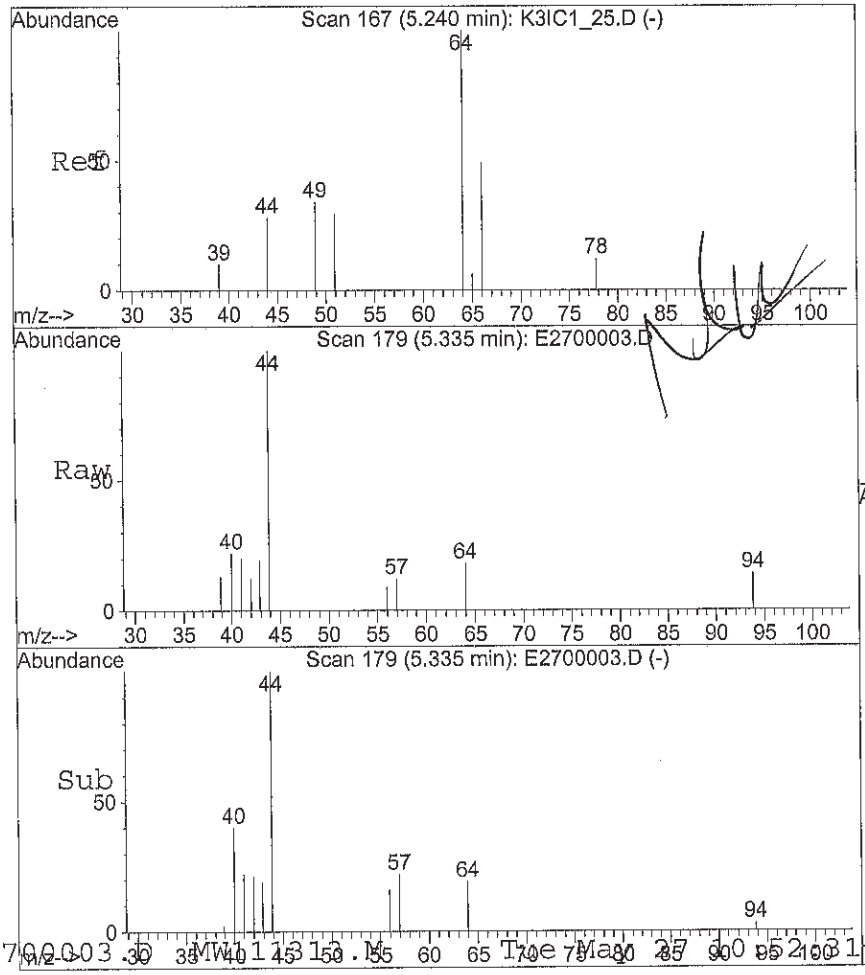


#6
Bromomethane
Concen: 0.52 ug/L
RT: 5.12 min Scan# 154
Delta R.T. 0.03 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 96 Resp: 4565

Ion	Ratio	Lower	Upper
96	100		
94	170.6	101.0	151.4#

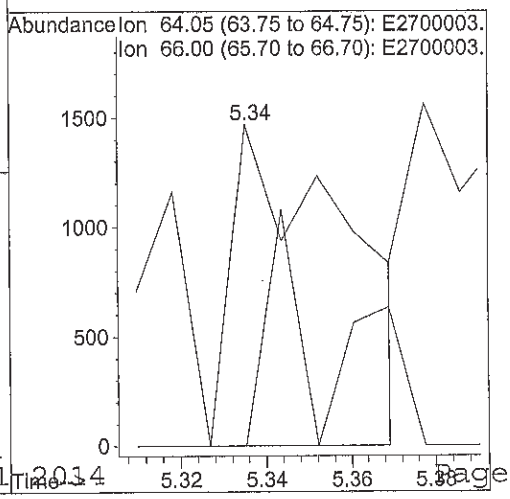


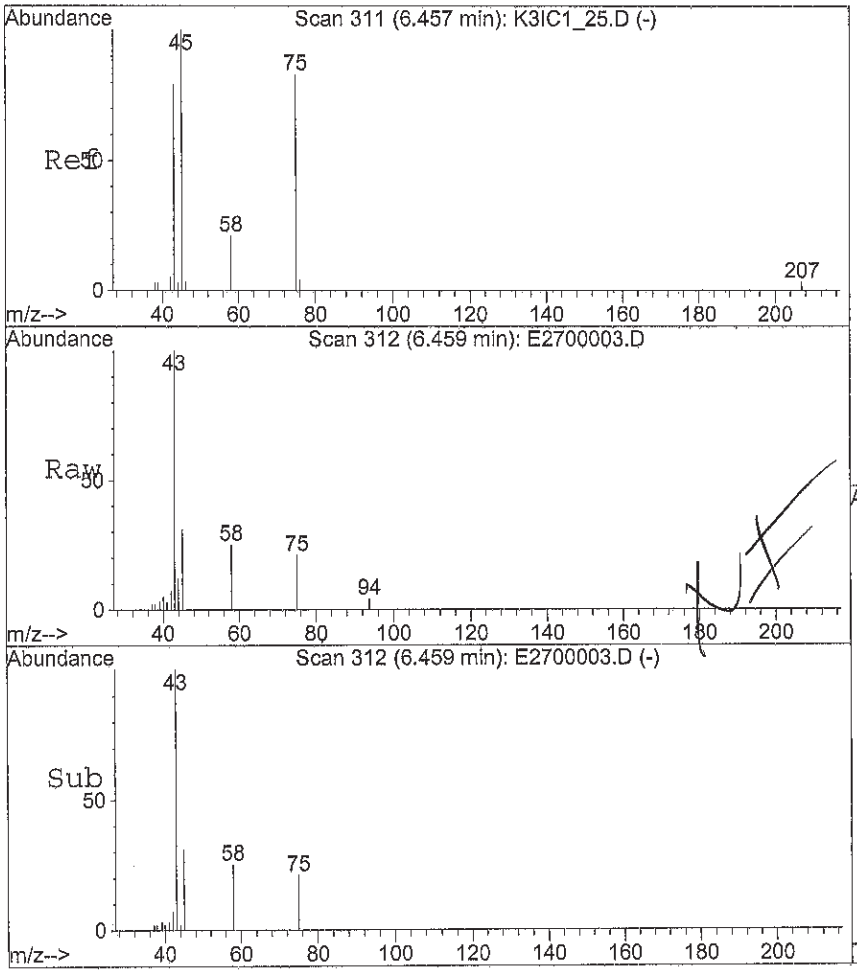


#7
Chloroethane
Concen: 2.52 ug/L
RT: 5.34 min Scan# 179
Delta R.T. 0.10 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 64 Resp: 2763

Ion	Ratio	Lower	Upper
64	100		
66	41.7	35.4	53.0

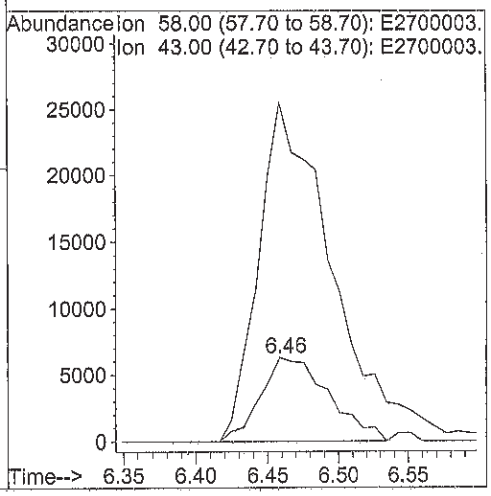


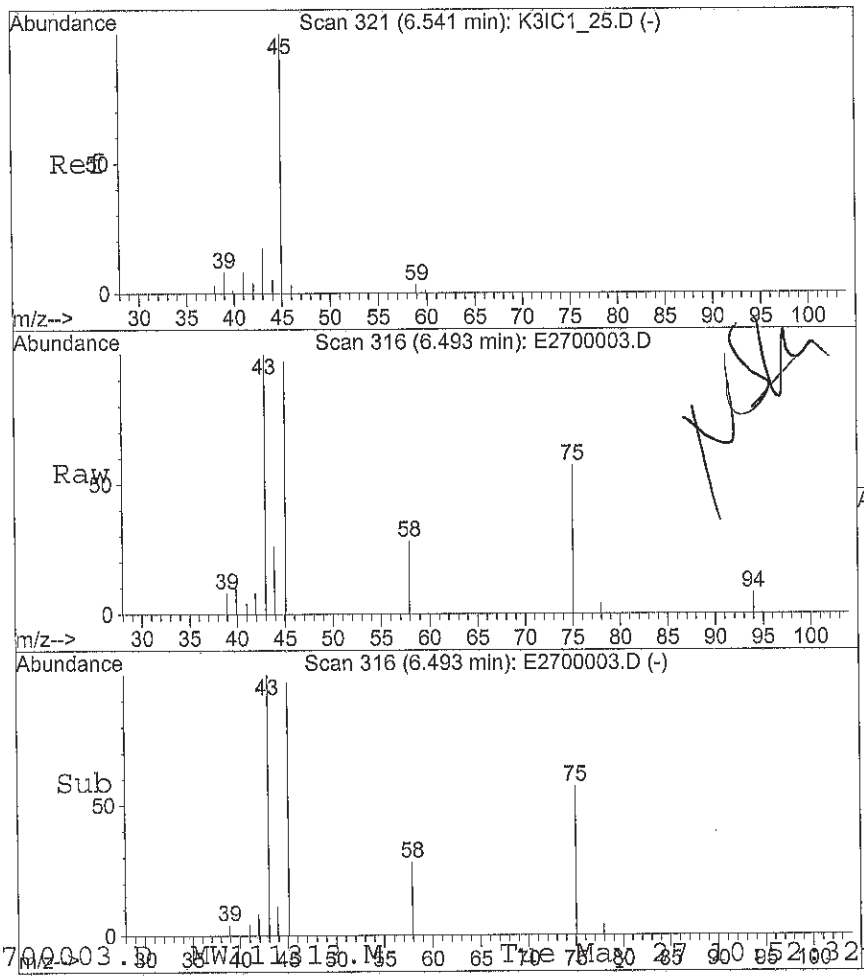


#11
Acetone
Concen: 30.21 ug/L
RT: 6.46 min Scan# 312
Delta R.T. 0.00 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 58 Resp: 20993

Ion	Ratio	Lower	Upper
58	100		
43	445.8	360.9	541.3

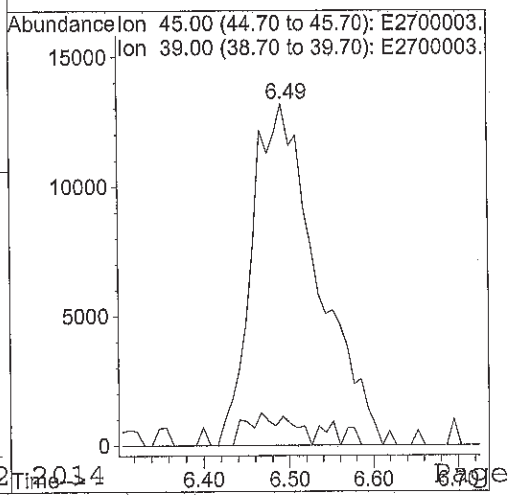


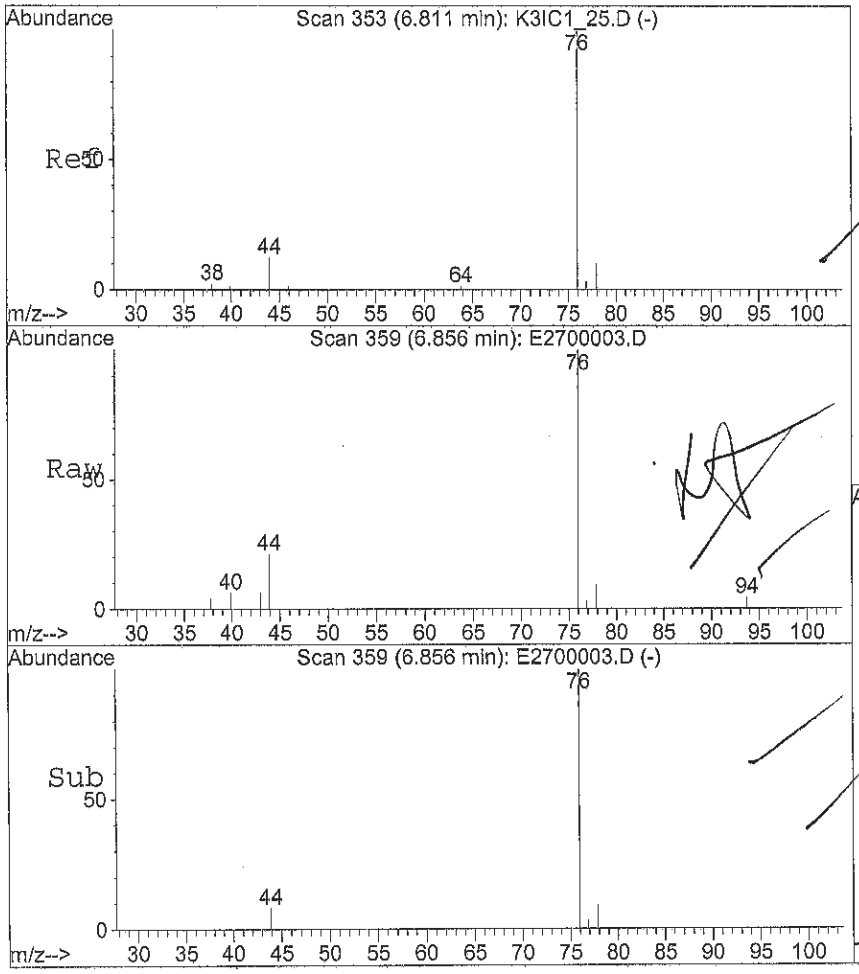


#12
(IPA) Leak Check Compound
Concen: 325.20 ug/L
RT: 6.49 min Scan# 316
Delta R.T. -0.05 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 45 Resp: 70661

Ion	Ratio	Lower	Upper
45	100		
39	2.4	4.9	7.3#

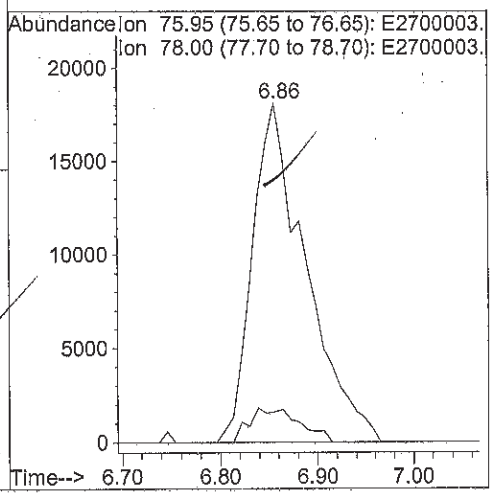


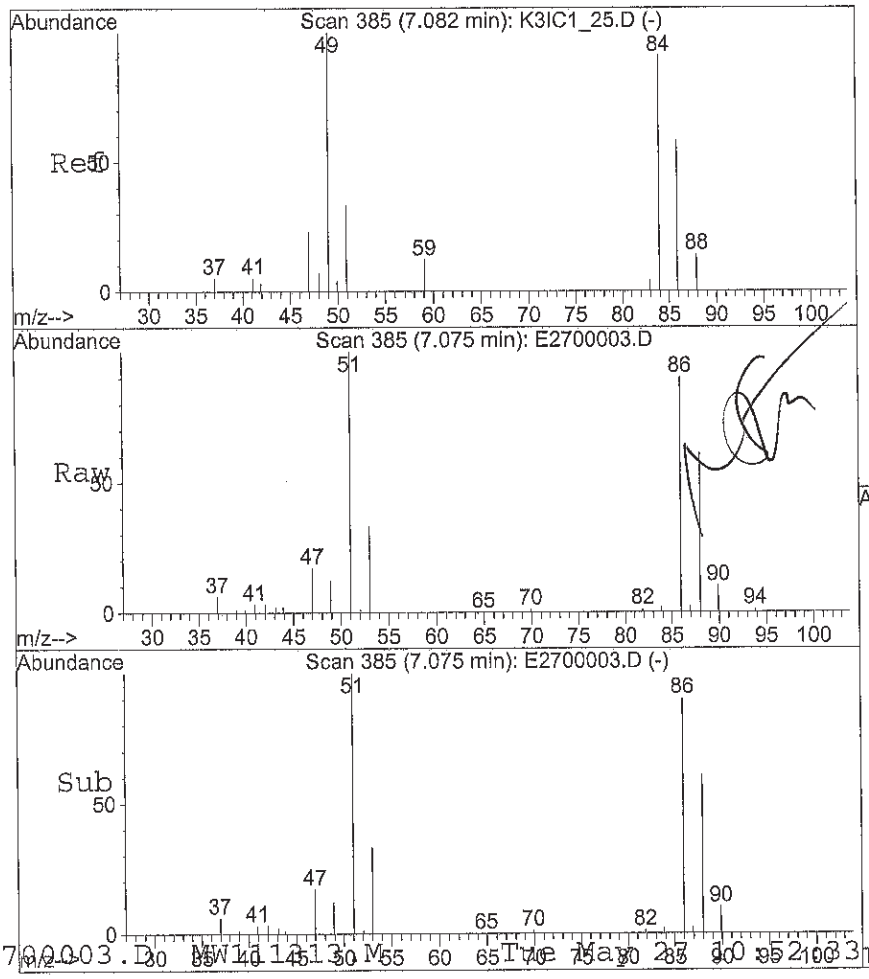


#13
Carbon disulfide
Concen: 4.57 ug/L
RT: 6.86 min Scan# 359
Delta R.T. 0.04 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 76 Resp: 68631

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.4

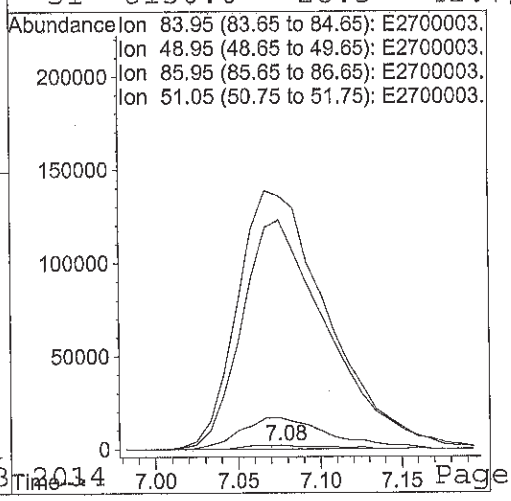


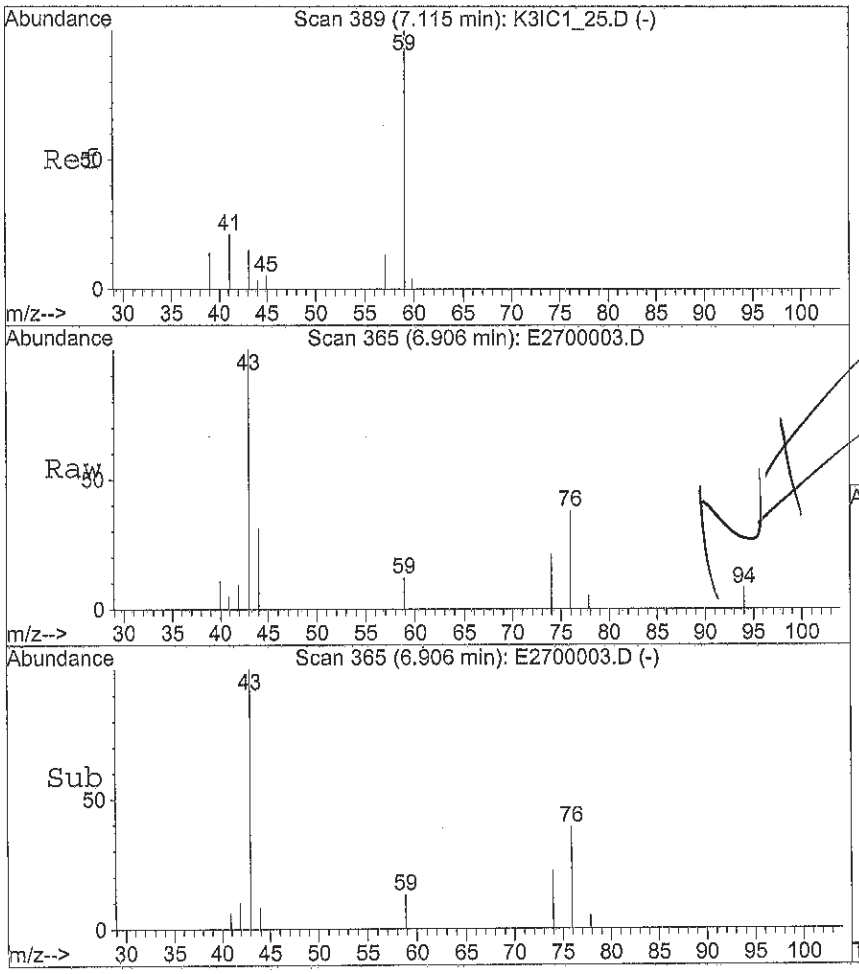


#14
Methylene Chloride
Concen: 1.33 ug/L
RT: 7.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 84 Resp: 6615

Ion	Ratio	Lower	Upper
84	100		
49	958.5	89.8	134.6#
86	6874.0	51.1	76.7#
51	8130.0	28.5	42.7#

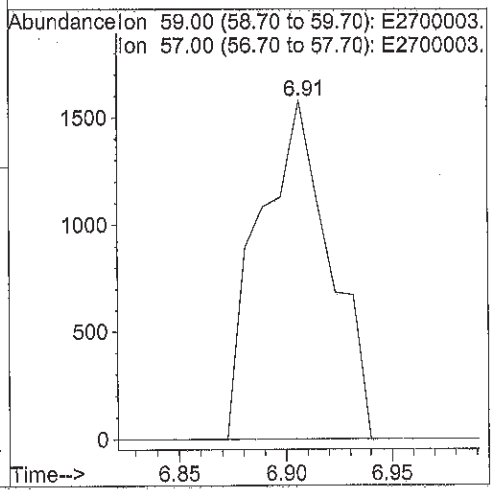


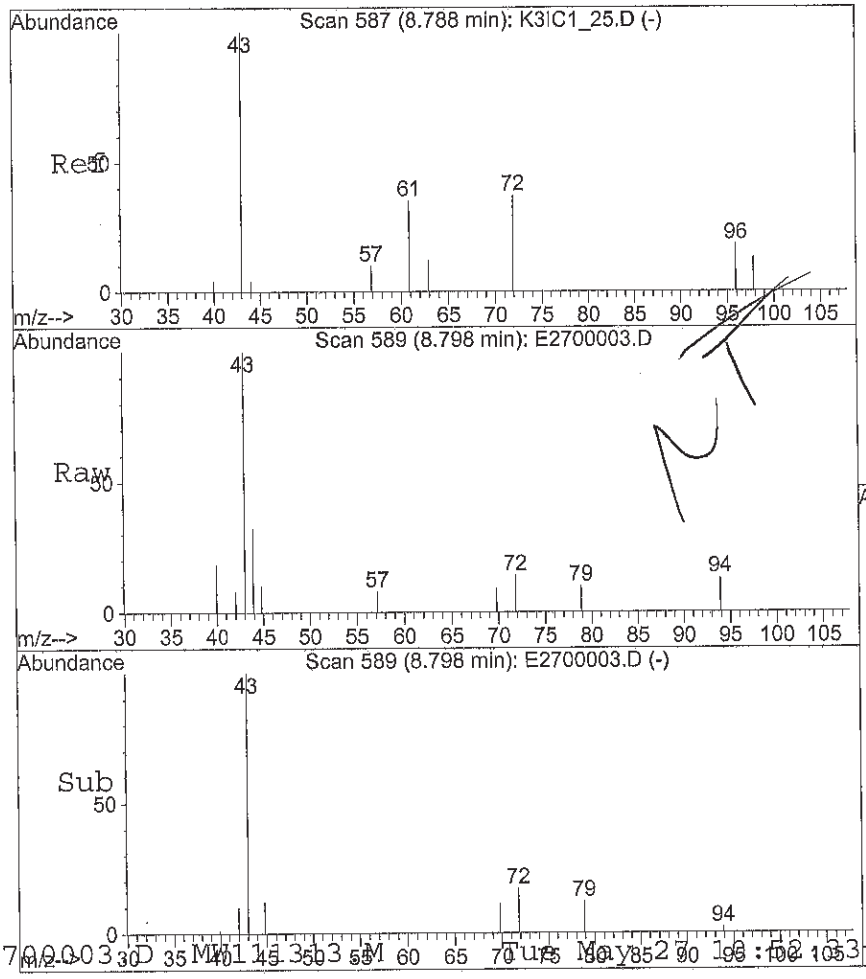


#15
(TBA) tert-Butanol
Concen: 11.76 ug/L
RT: 6.91 min Scan# 365
Delta R.T. -0.21 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 59 Resp: 3628

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

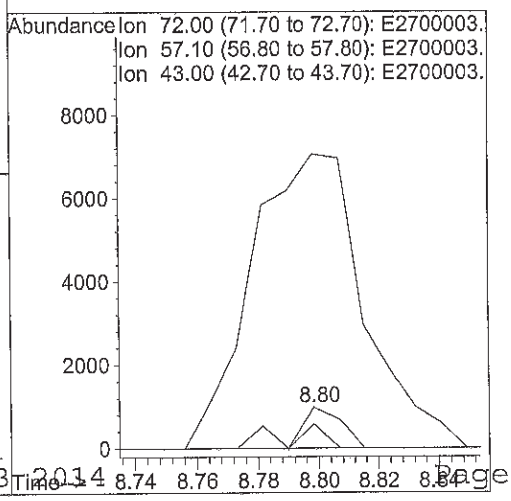


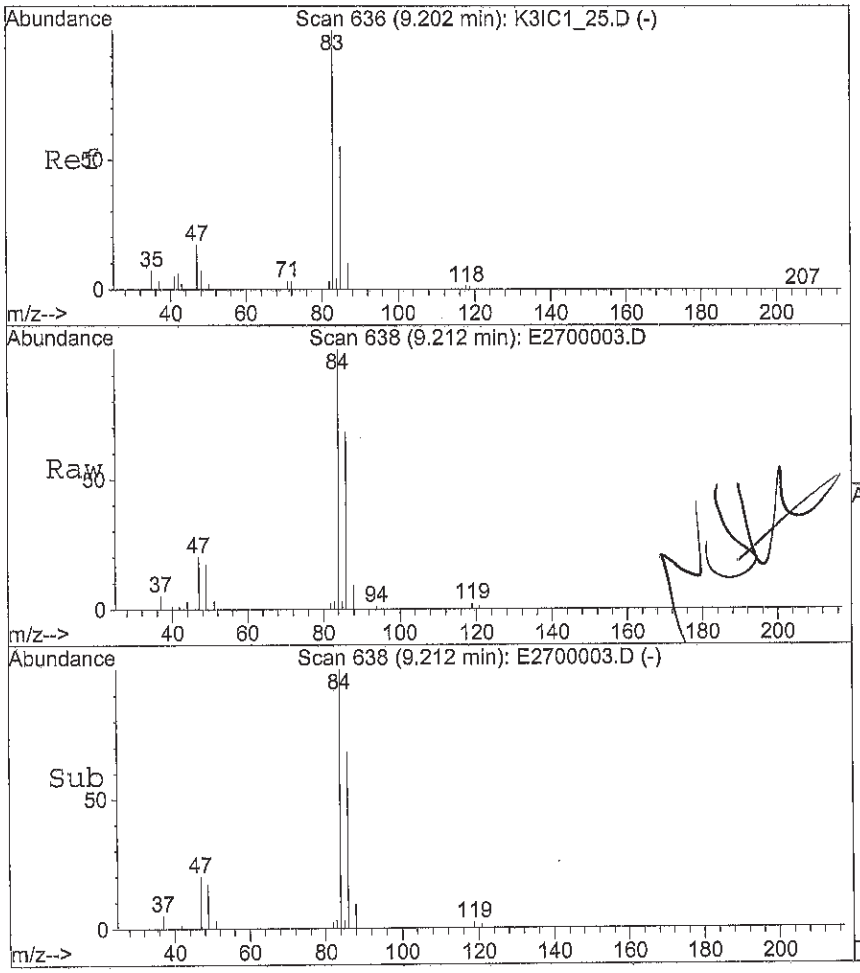


#21
(MEK) 2-Butanone
Concen: 2.18 ug/L
RT: 8.80 min Scan# 589
Delta R.T. 0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 72 Resp: 1109

Ion	Ratio	Lower	Upper
72	100		
57	26.1	17.5	26.3
43	1645.8	314.2	471.2#

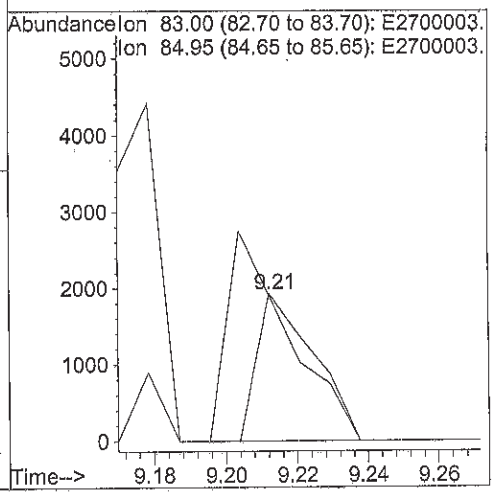


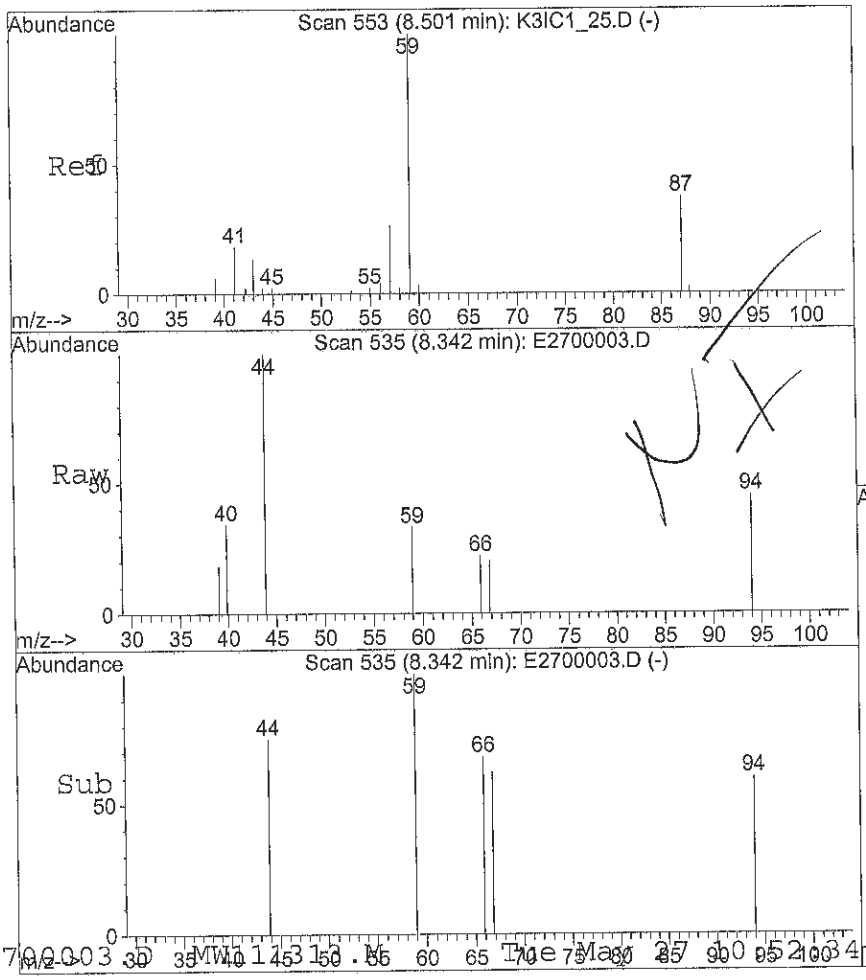


#24
Chloroform
Concen: 0.22 ug/L
RT: 9.21 min Scan# 638
Delta R.T. 0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 83 Resp: 2110

Ion	Ratio	Lower	Upper
83	100		
85	153.9	51.8	77.6#

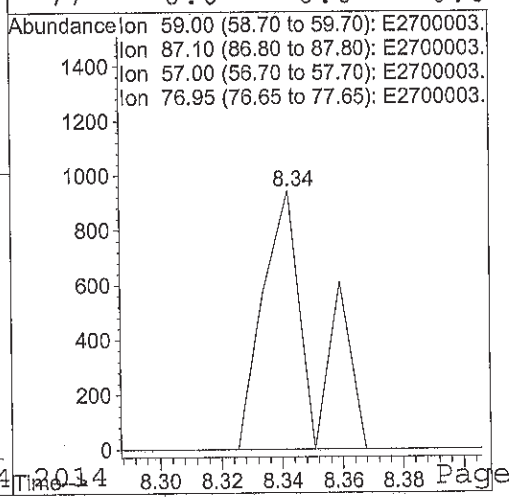


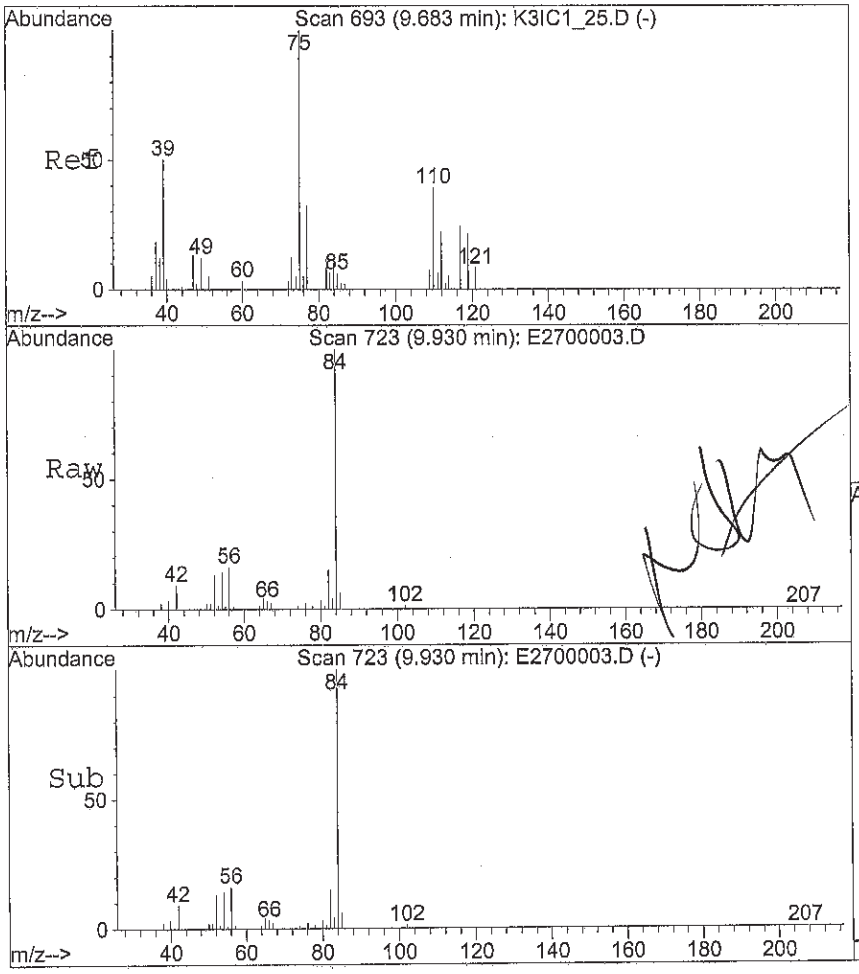


#25
(ETBE) 2-ethoxy 2-methyl propan
Concen: 0.08 ug/L
RT: 8.34 min Scan# 535
Delta R.T. -0.16 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 59 Resp: 1076

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

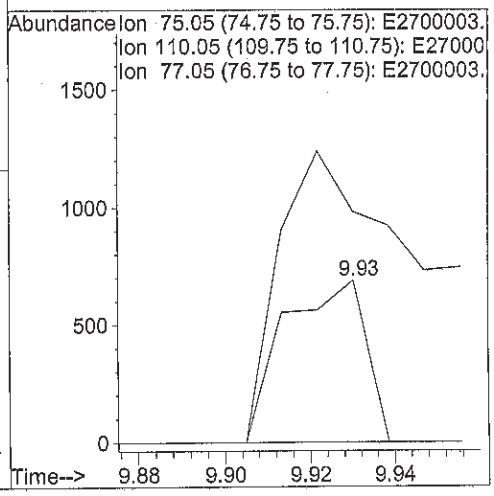


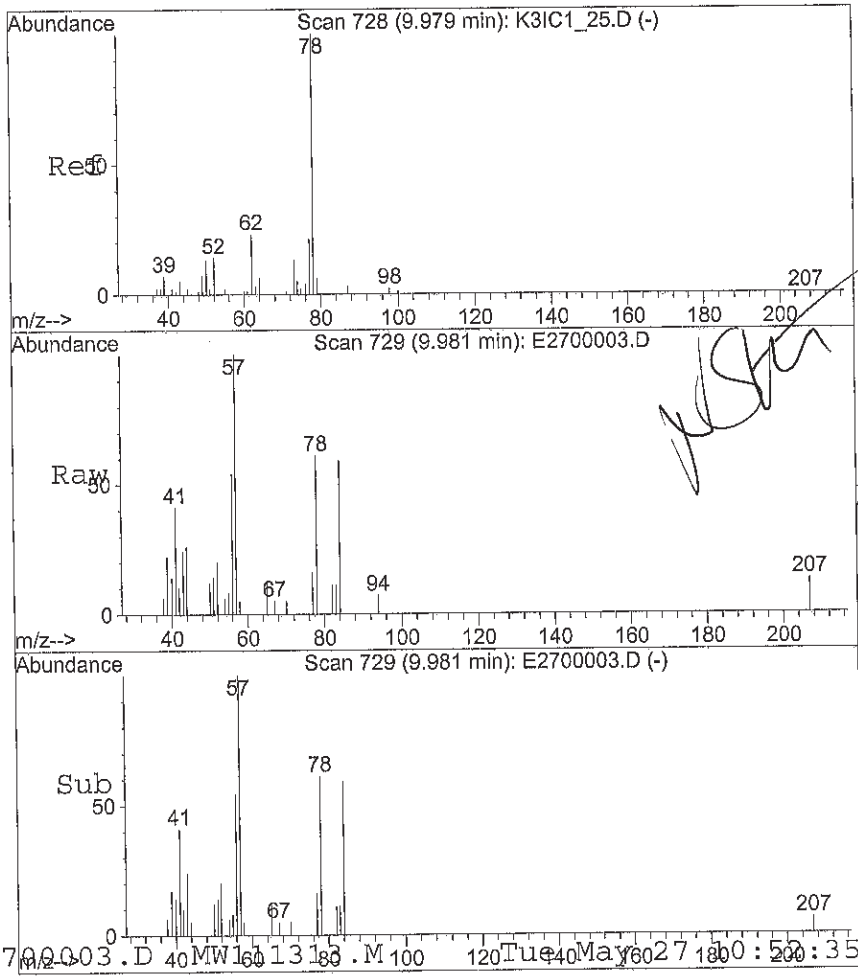


#29
1,1-Dichloropropene
Concen: 0.13 ug/L
RT: 9.93 min Scan# 723
Delta R.T. 0.25 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 75 Resp: 914

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	265.0	25.0	37.4#

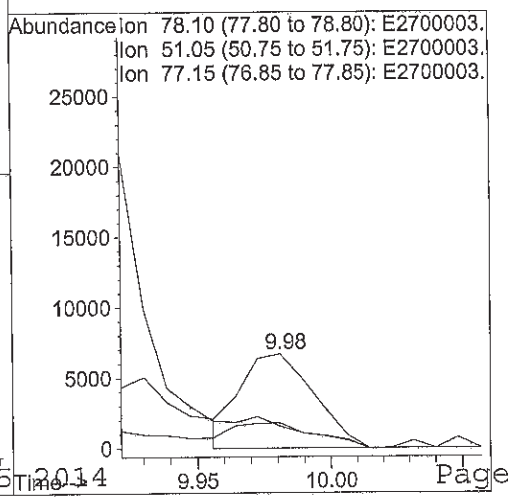


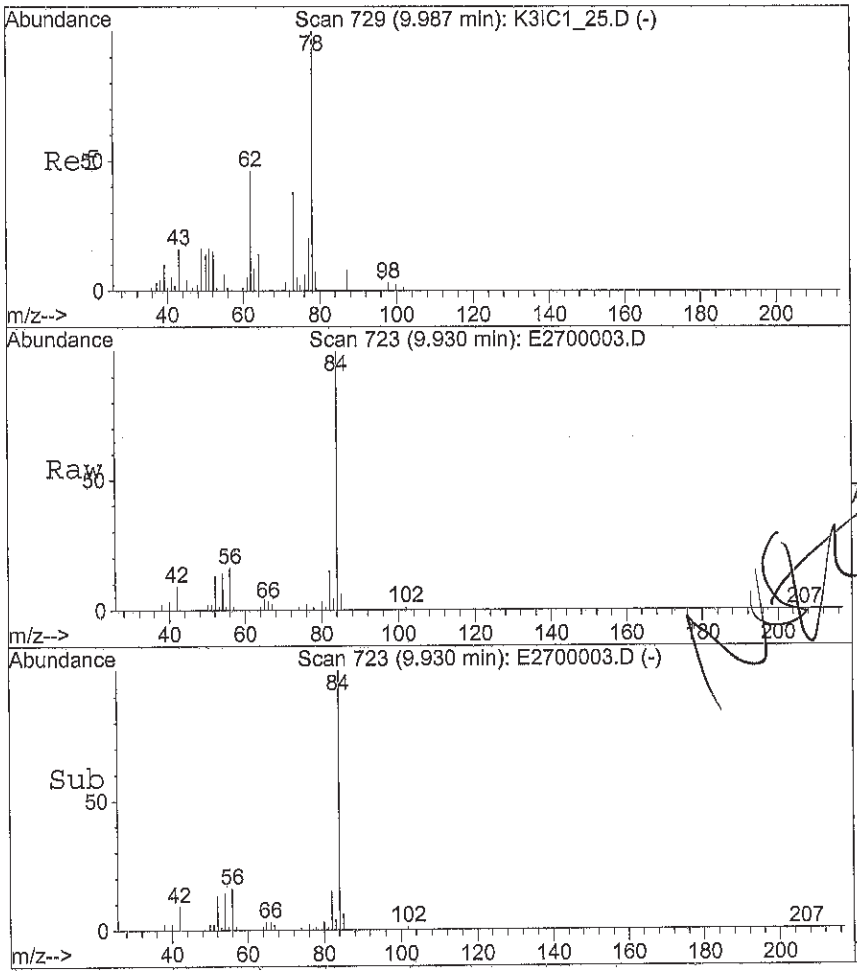


#31
Benzene
Concen: 0.75 ug/L
RT: 9.98 min Scan# 729
Delta R.T. 0.00 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 78 Resp: 12818

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	32.7	16.6	24.8#

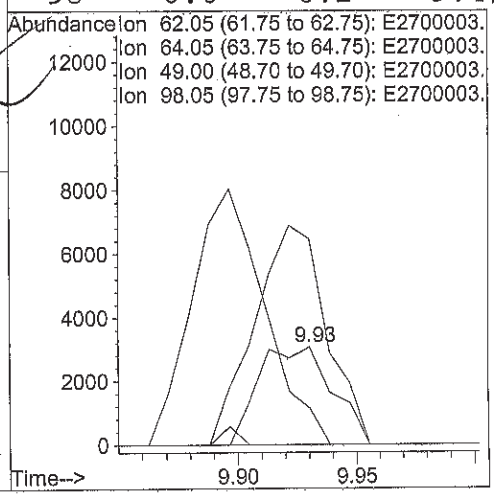


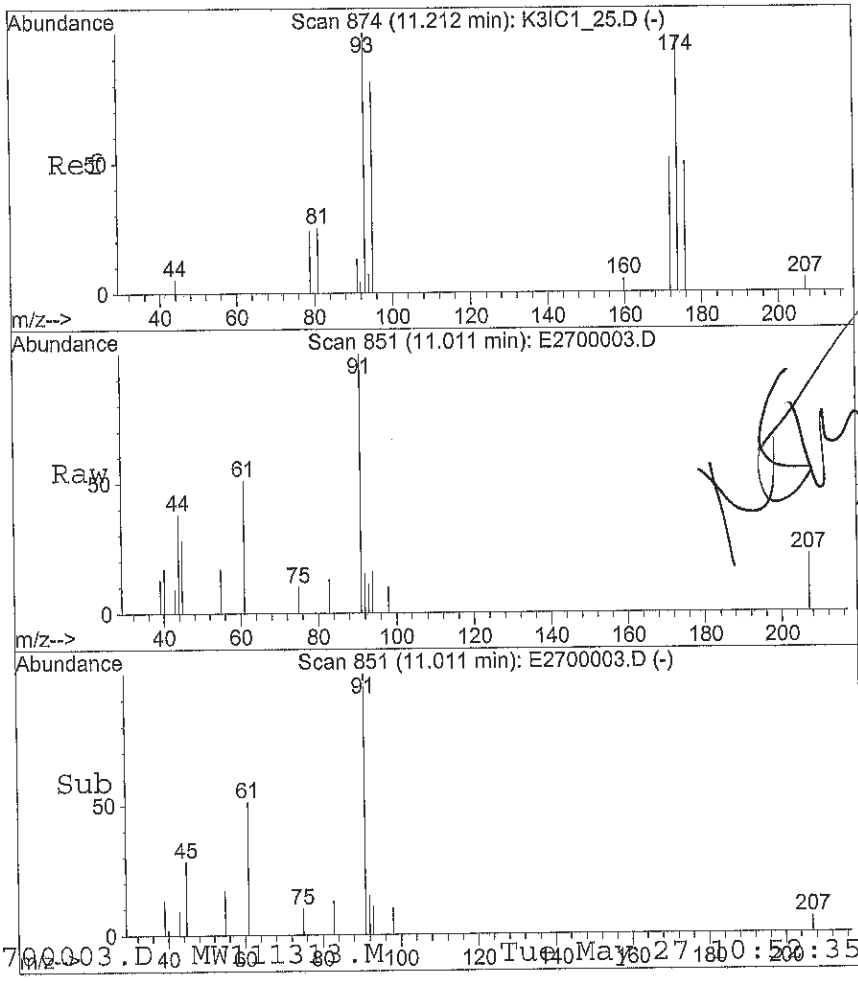


#32
1,2-Dichloroethane
Concen: 1.10 ug/L
RT: 9.93 min Scan# 723
Delta R.T. -0.06 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 62 Resp: 6604

Ion	Ratio	Lower	Upper
62	100		
64	218.3	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

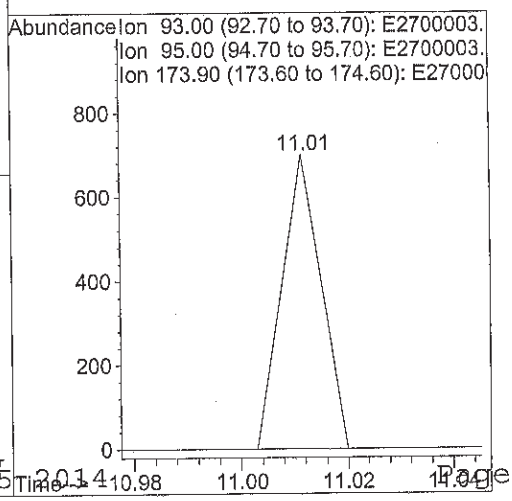


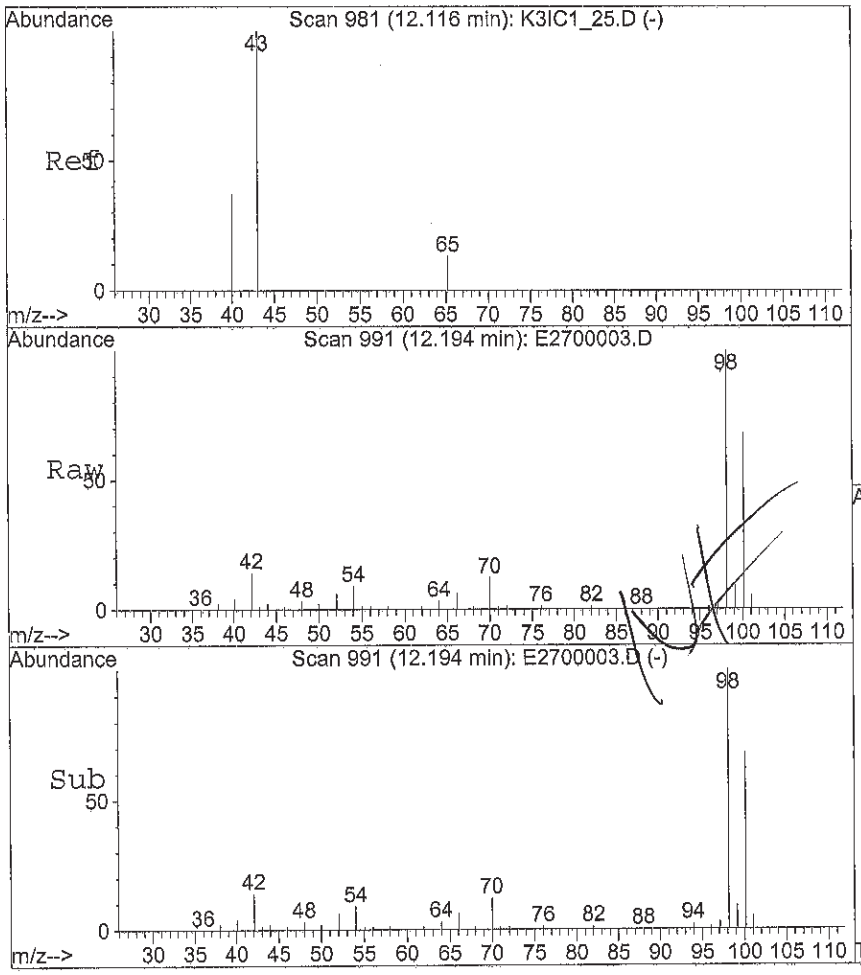


#35
Dibromomethane
Concen: 0.11 ug/L
RT: 11.01 min Scan# 851
Delta R.T. -0.20 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 93 Resp: 354

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.2	99.2#
174	0.0	75.5	113.3#

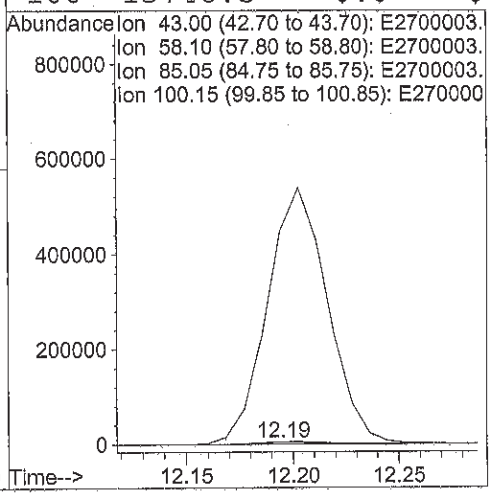


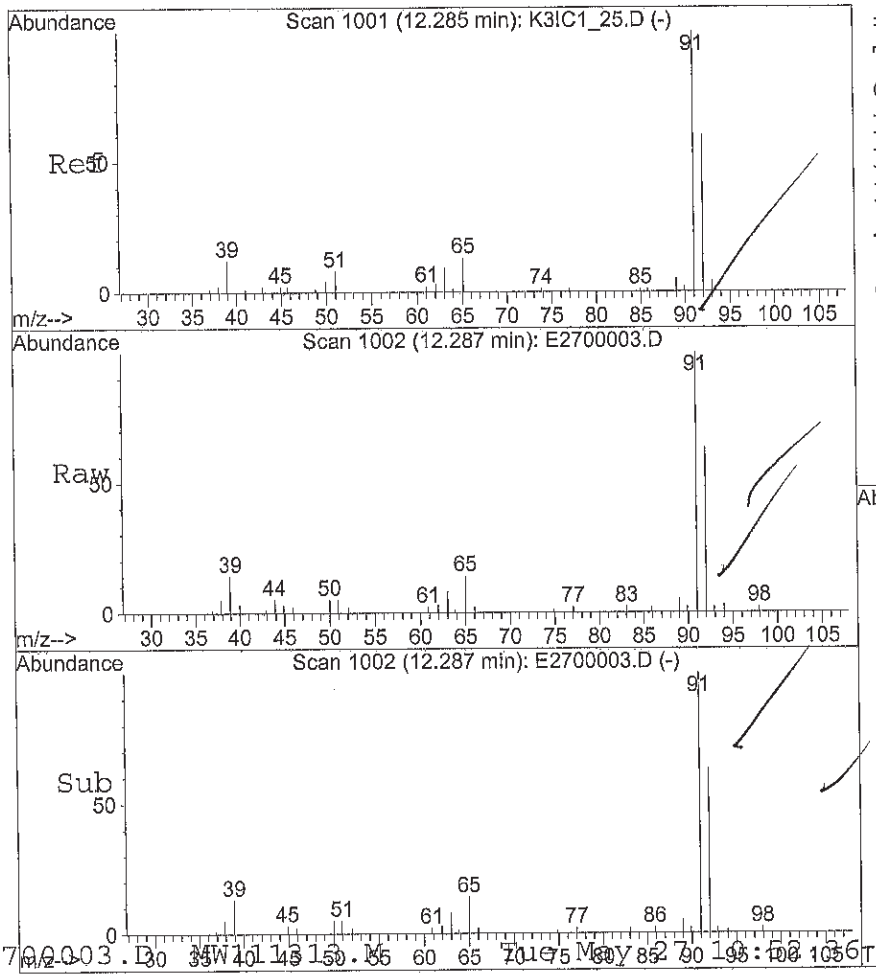


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.87 ug/L
RT: 12.19 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 43 Resp: 7694

Ion	Ratio	Lower	Upper
43	100		
58	141.8	0.0	0.0#
85	0.0	0.0	0.0
100	13746.5	0.0	0.0#

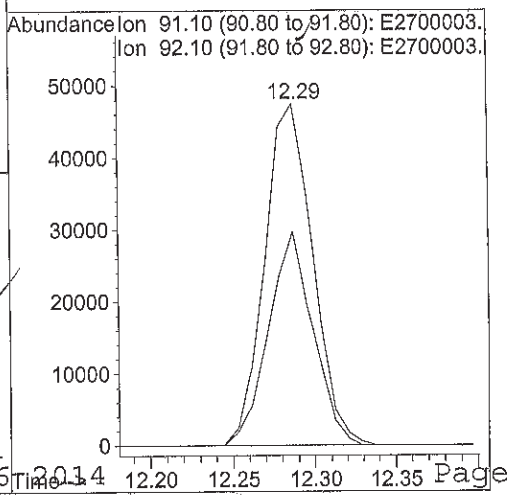


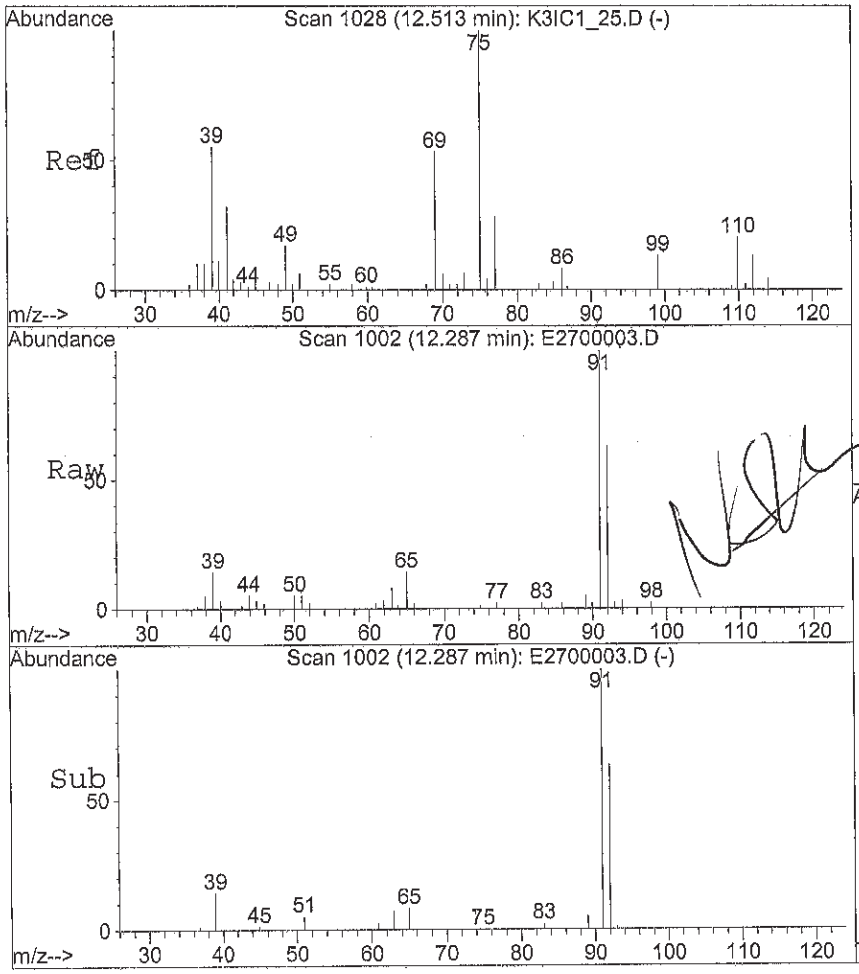


#41
Toluene
Concen: 5.26 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 91 Resp: 96304

Ion	Ratio	Lower	Upper
91	100		
92	58.1	47.4	71.0

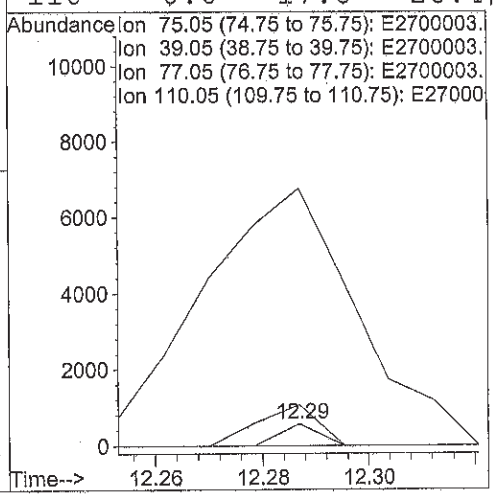


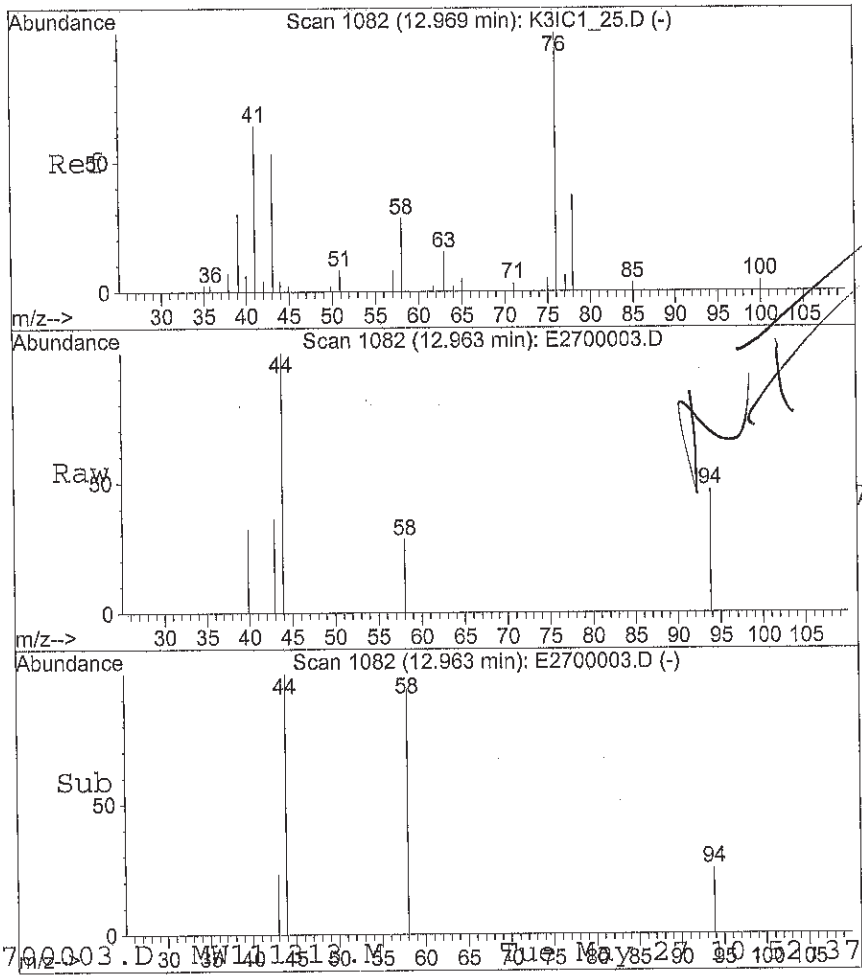


#42
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. -0.23 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 75 Resp: 291

Ion	Ratio	Lower	Upper
75	100		
39	4846.4	53.6	80.4#
77	288.0	25.4	38.2#
110	0.0	17.6	26.4#

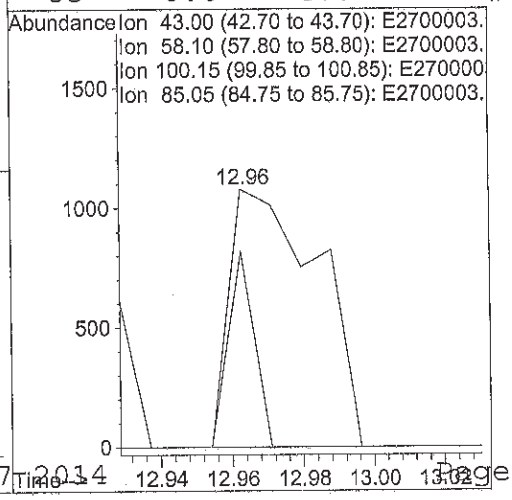


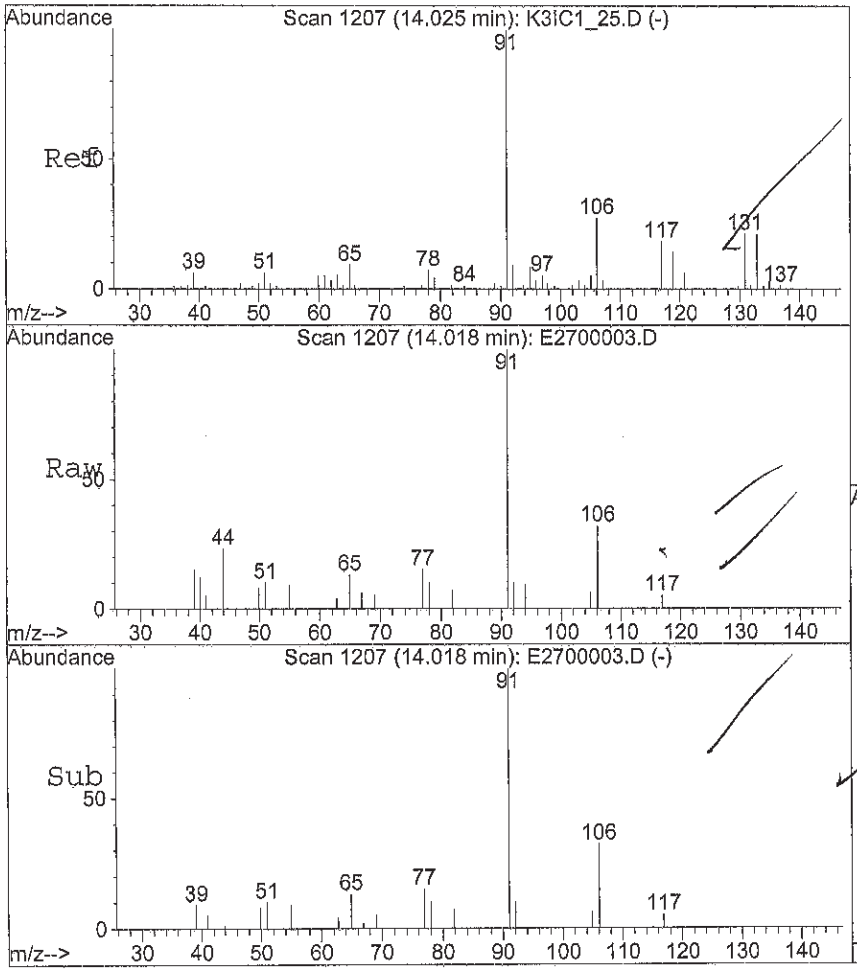


#46
2-Hexanone
Concen: 0.63 ug/L
RT: 12.96 min Scan# 1082
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 43 Resp: 1860

Ion	Ratio	Lower	Upper
43	100		
58	22.4	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

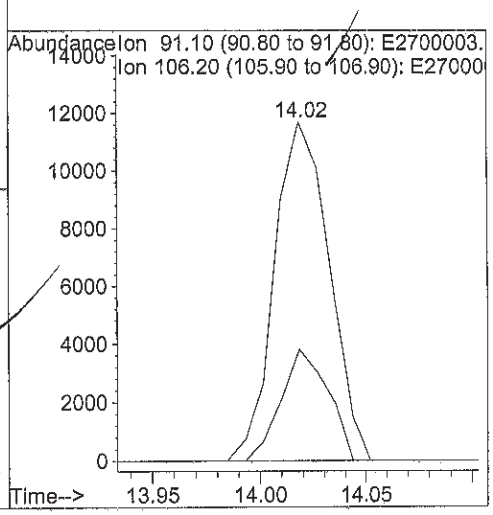


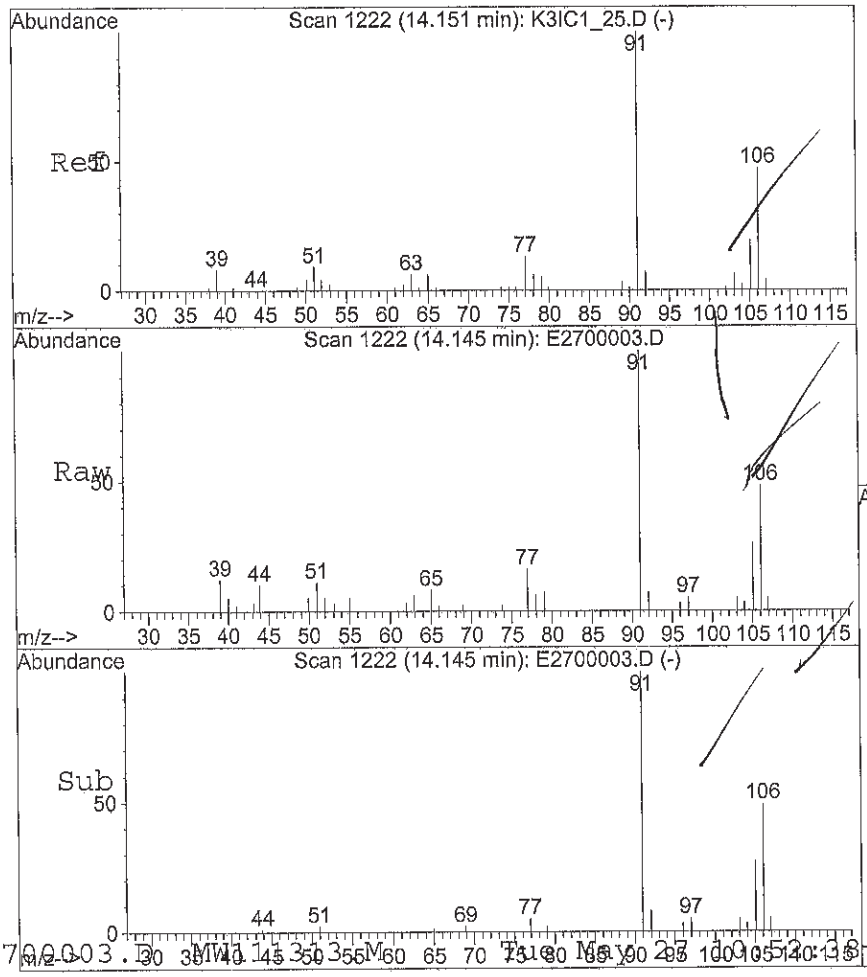


#51
Ethylbenzene
Concen: 1.00 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 91 Resp: 20829

Ion	Ratio	Lower	Upper
91	100		
106	28.0	23.5	35.3

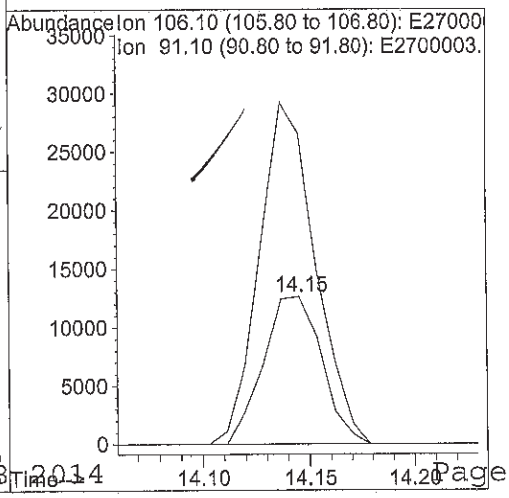


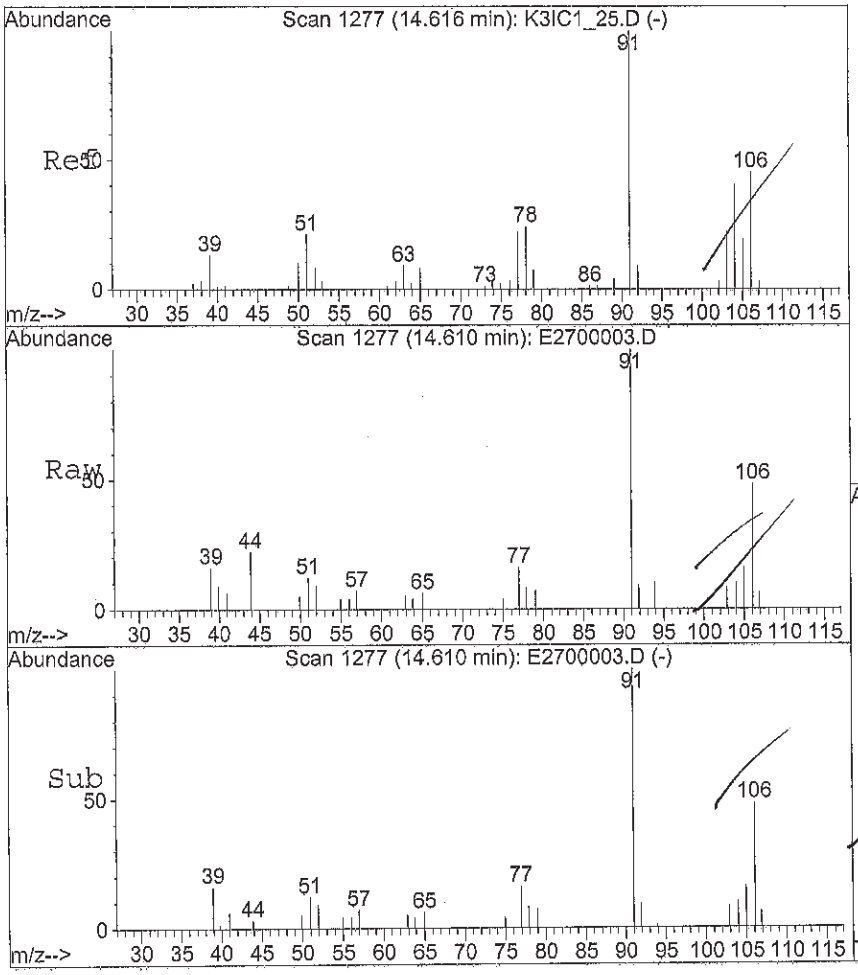


#52
m,p-Xylenes
Concen: 3.27 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion:106 Resp: 24163

Ion	Ratio	Lower	Upper
106	100		
91	221.3	177.1	265.7

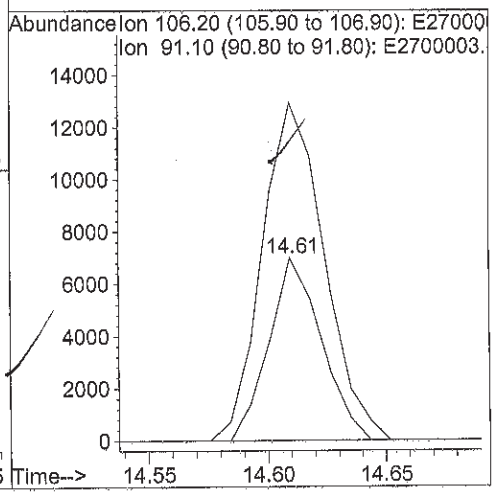


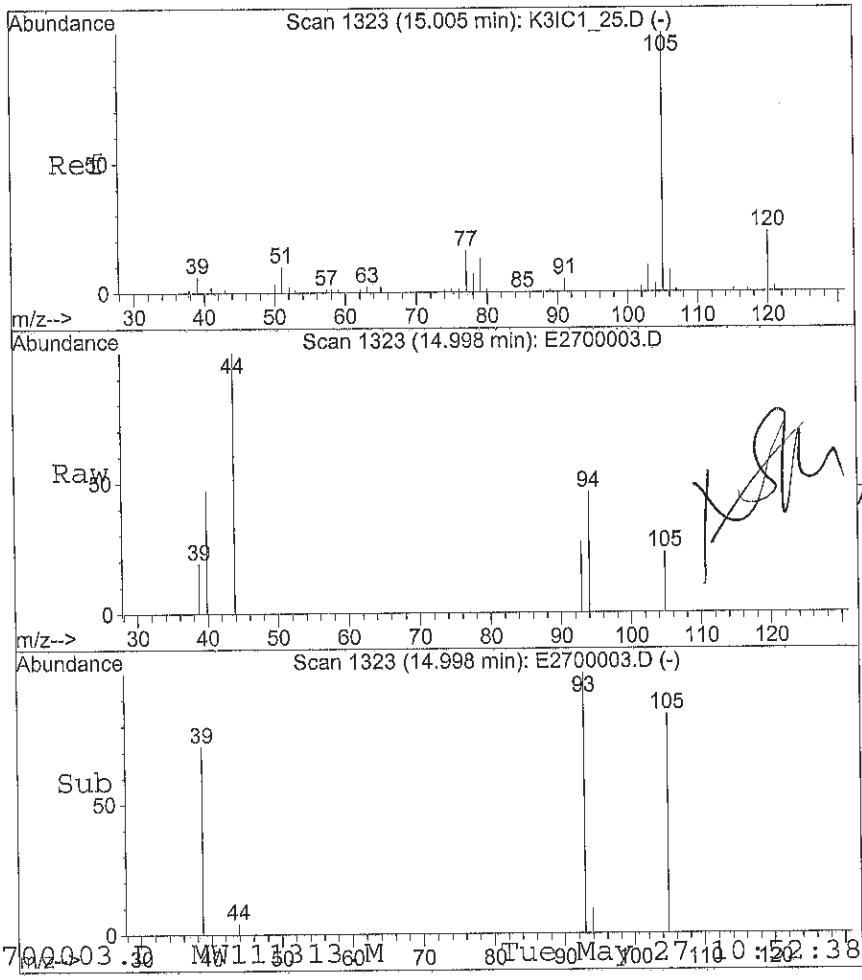


#53
o-Xylene
Concen: 1.46 ug/L
RT: 14.61 min Scan# 1277
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion:106 Resp: 10708

Ion	Ratio	Lower	Upper
106	100		
91	219.0	179.0	268.6

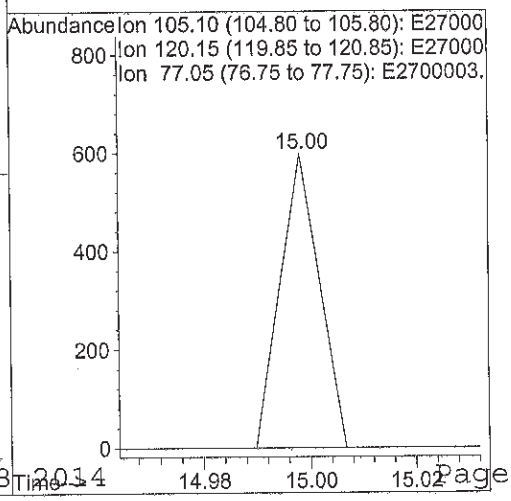


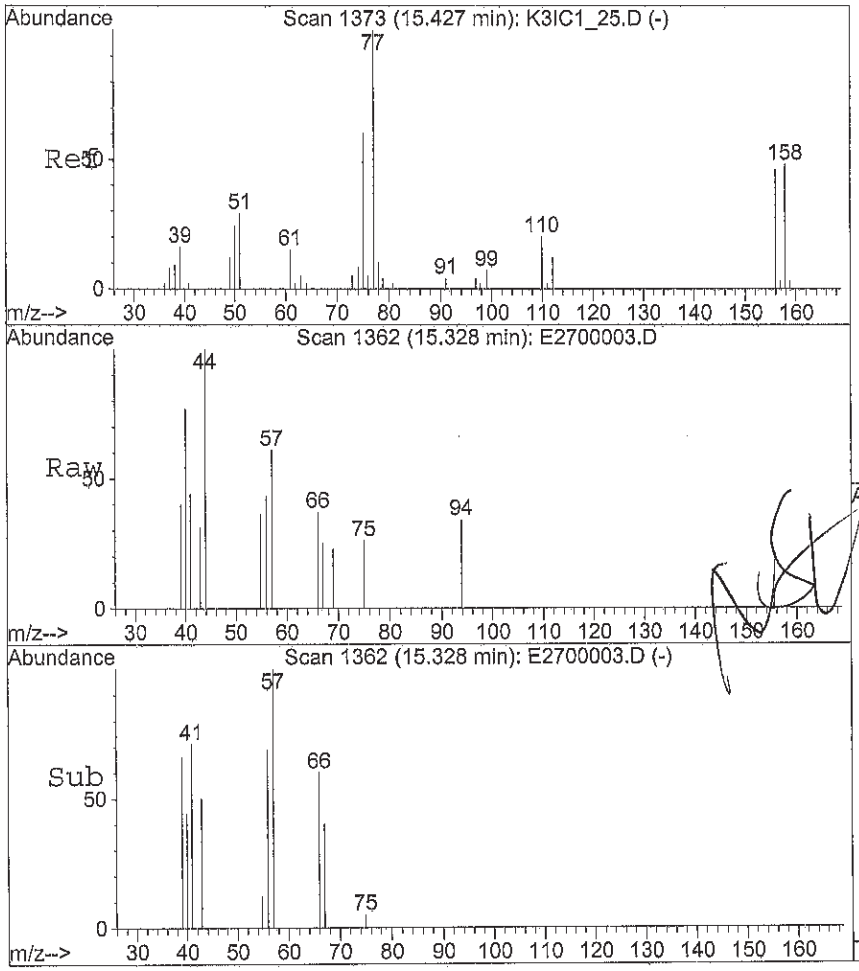


#56
Isopropylbenzene
Concen: 0.02 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion:105 Resp: 303

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

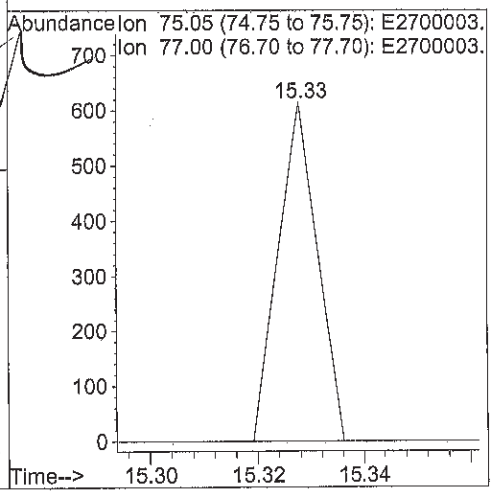


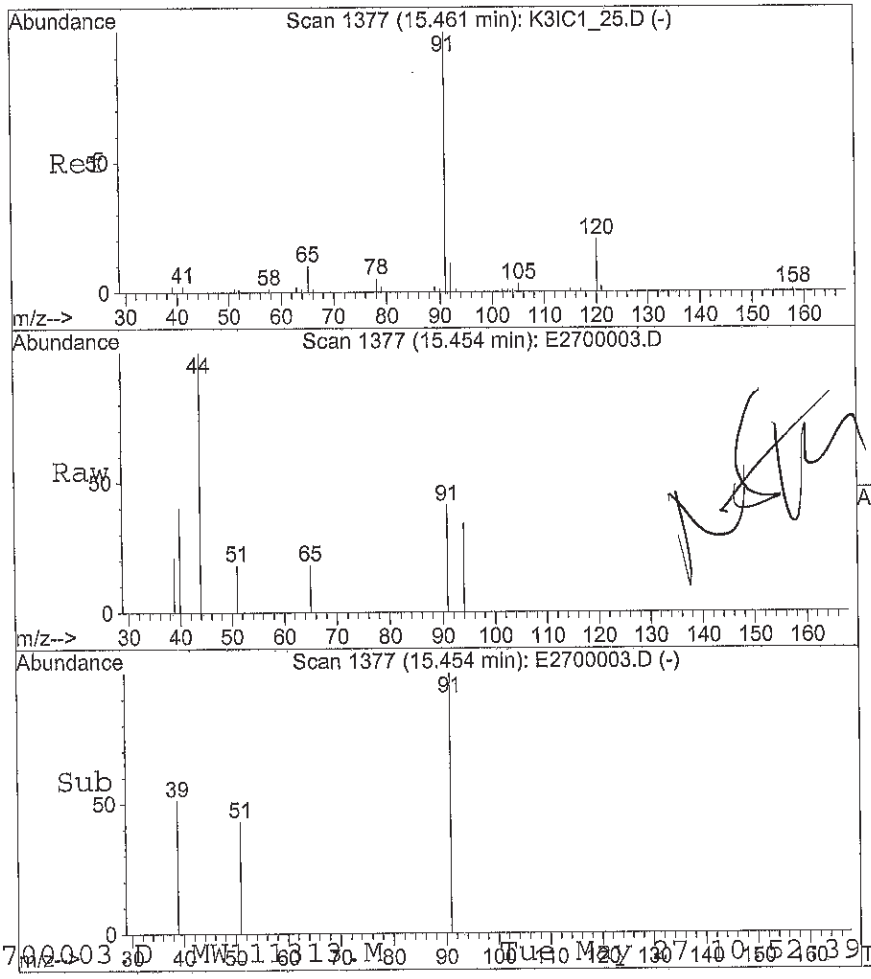


#57
1,2,3-Trichloropropane
Concen: 0.06 ug/L
RT: 15.33 min Scan# 1362
Delta R.T. -0.10 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 75 Resp: 311

Ion	Ratio	Lower	Upper
75	100		
77	0.0	31.2	46.8#

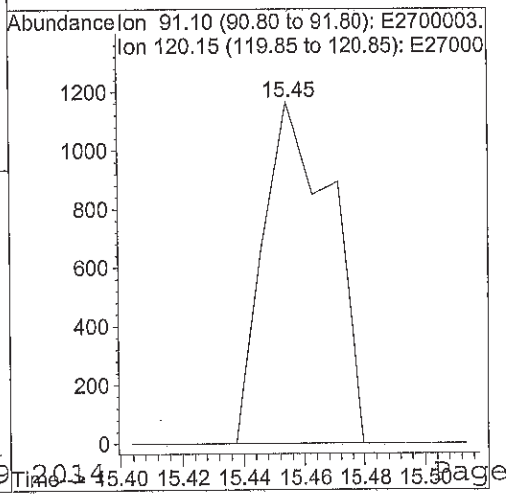


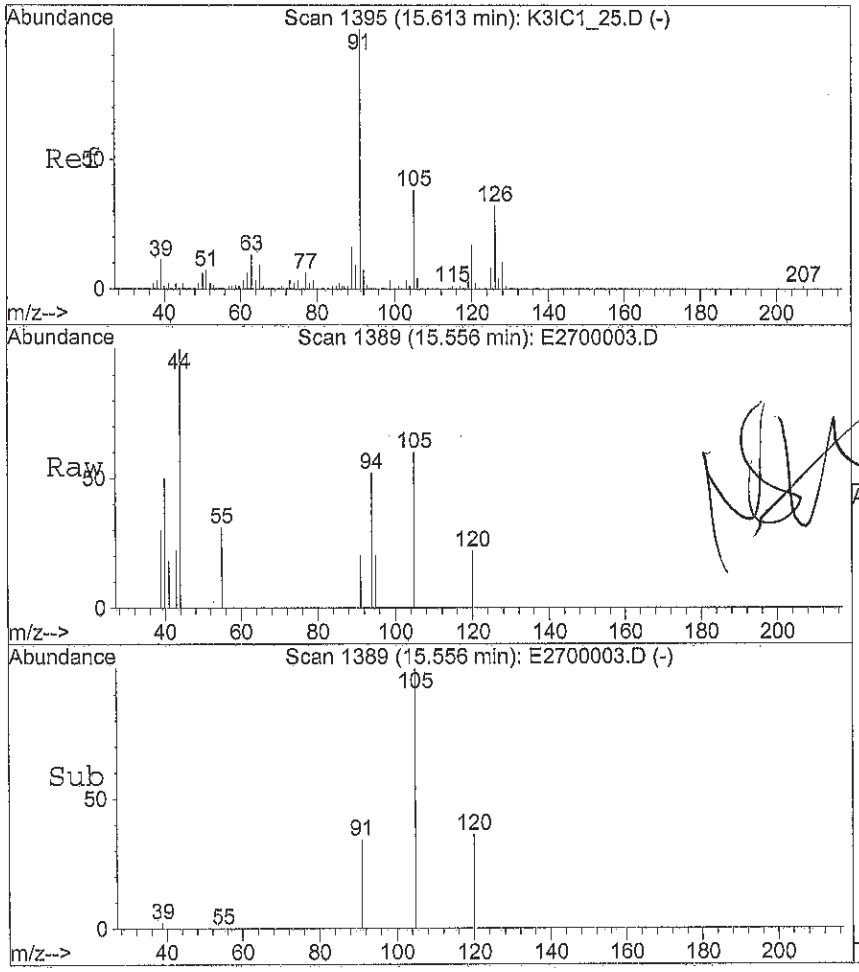


#62
n-Propylbenzene
Concen: 0.07 ug/L
RT: 15.45 min Scan# 1377
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 91 Resp: 1810

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

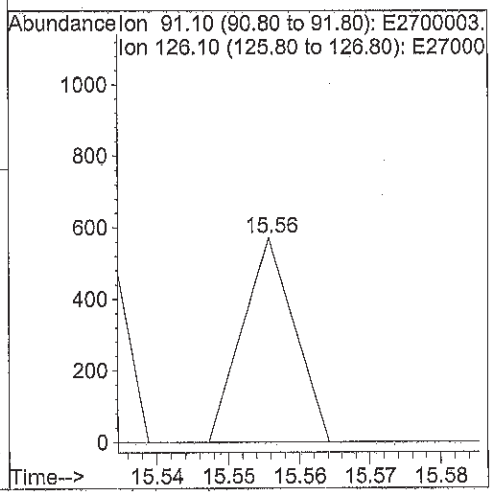


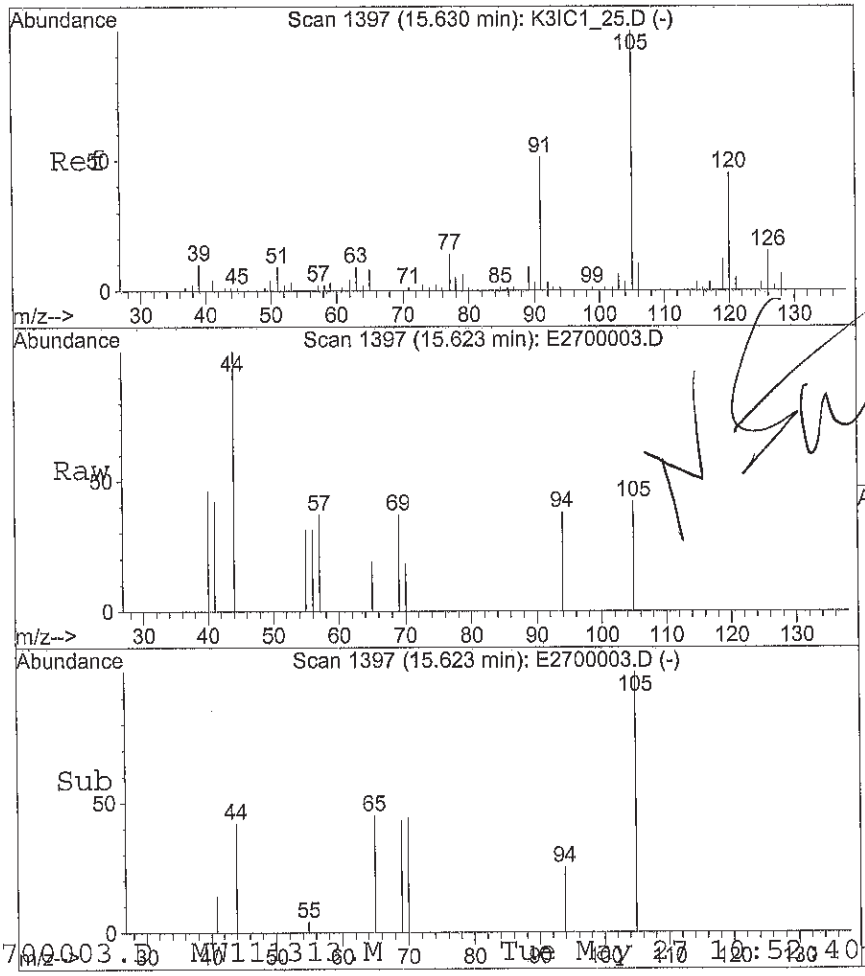


#63
2-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.56 min Scan# 1389
Delta R.T. -0.06 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 91 Resp: 290

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

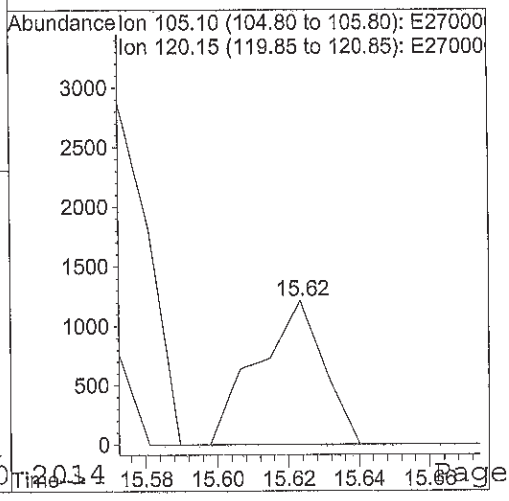


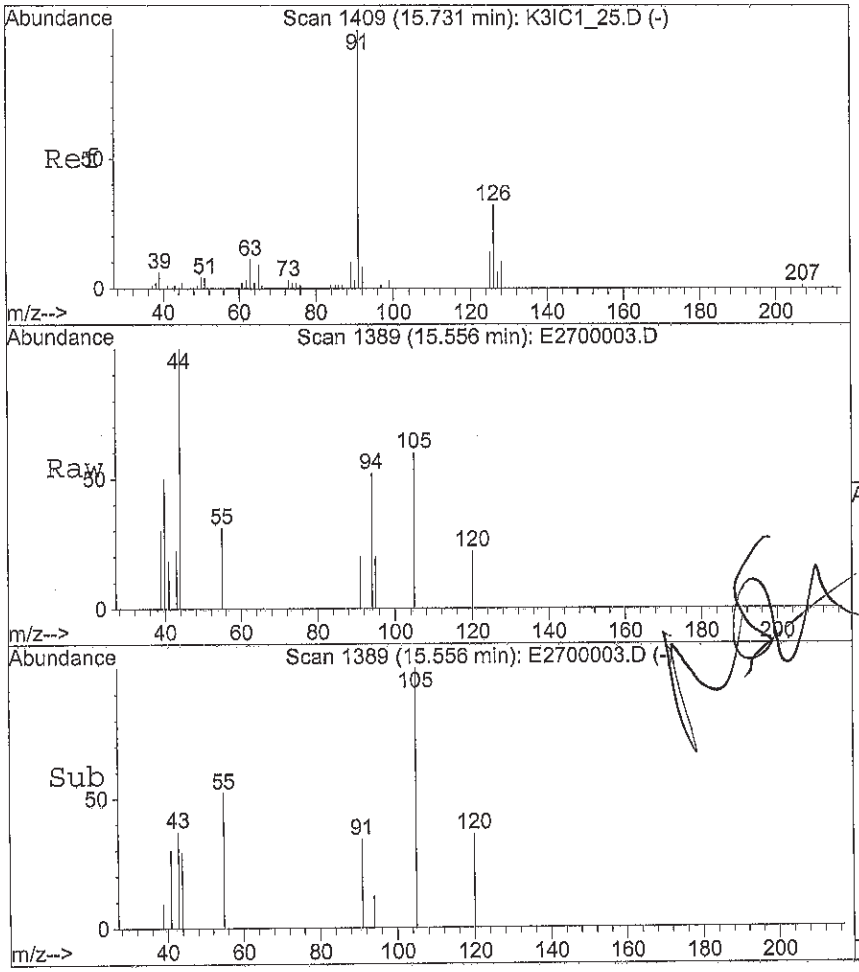


#64
1,3,5-Trimethylbenzene
Concen: 0.09 ug/L
RT: 15.62 min Scan# 1397
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion:105 Resp: 1575

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

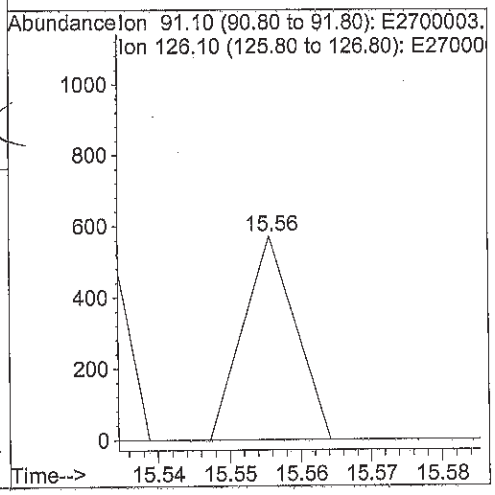


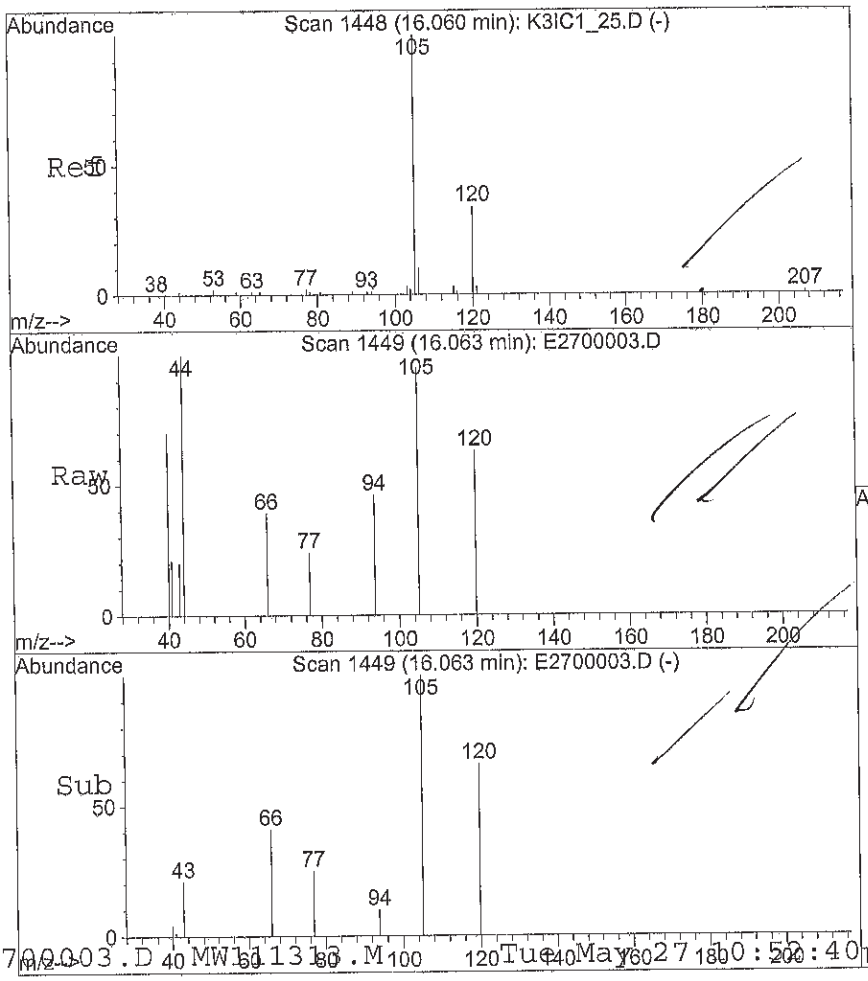


#65
4-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.56 min Scan# 1389
Delta R.T. -0.18 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion: 91 Resp: 290

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

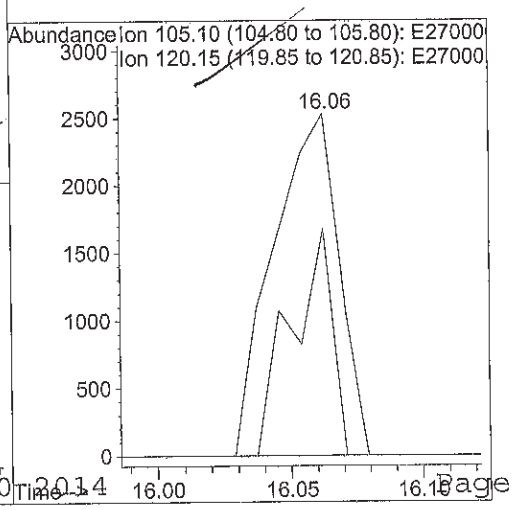


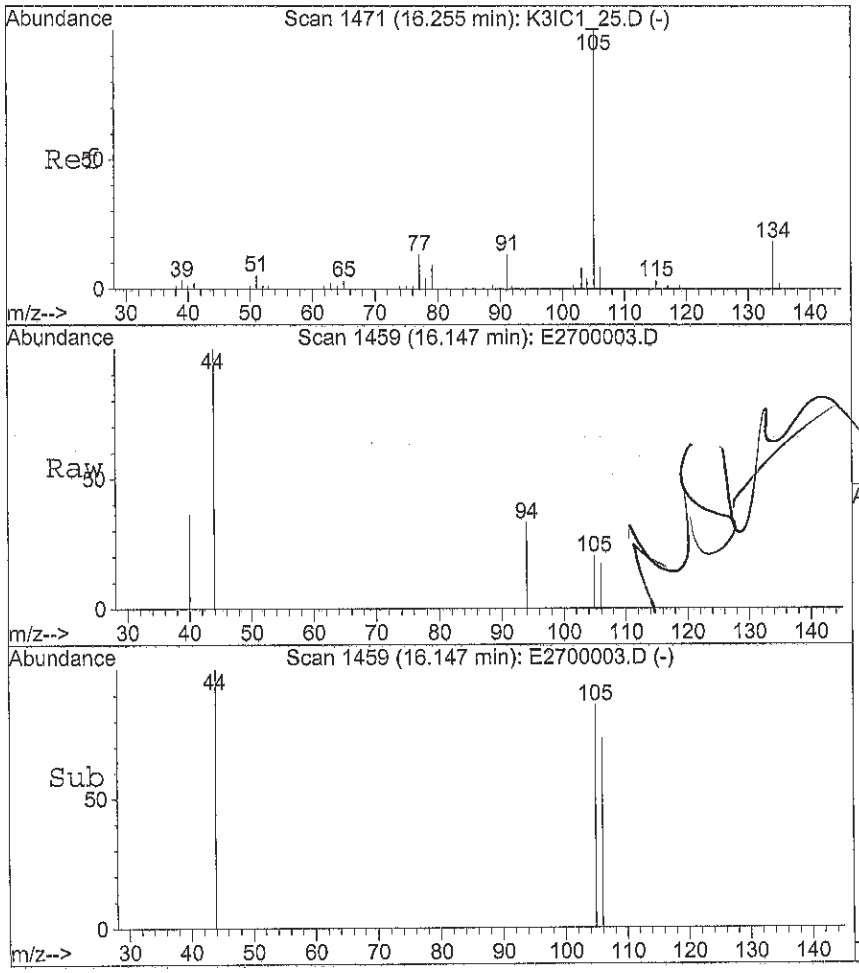


#67
1,2,4-Trimethylbenzene
Concen: 0.24 ug/L
RT: 16.06 min Scan# 1449
Delta R.T. 0.00 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion:105 Resp: 4346

Ion	Ratio	Lower	Upper
105	100		
120	41.6	33.8	50.8

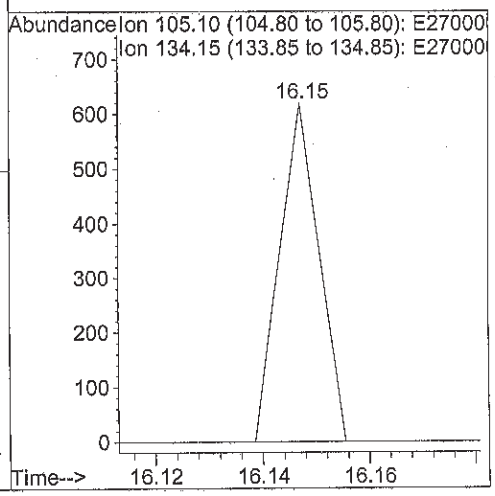


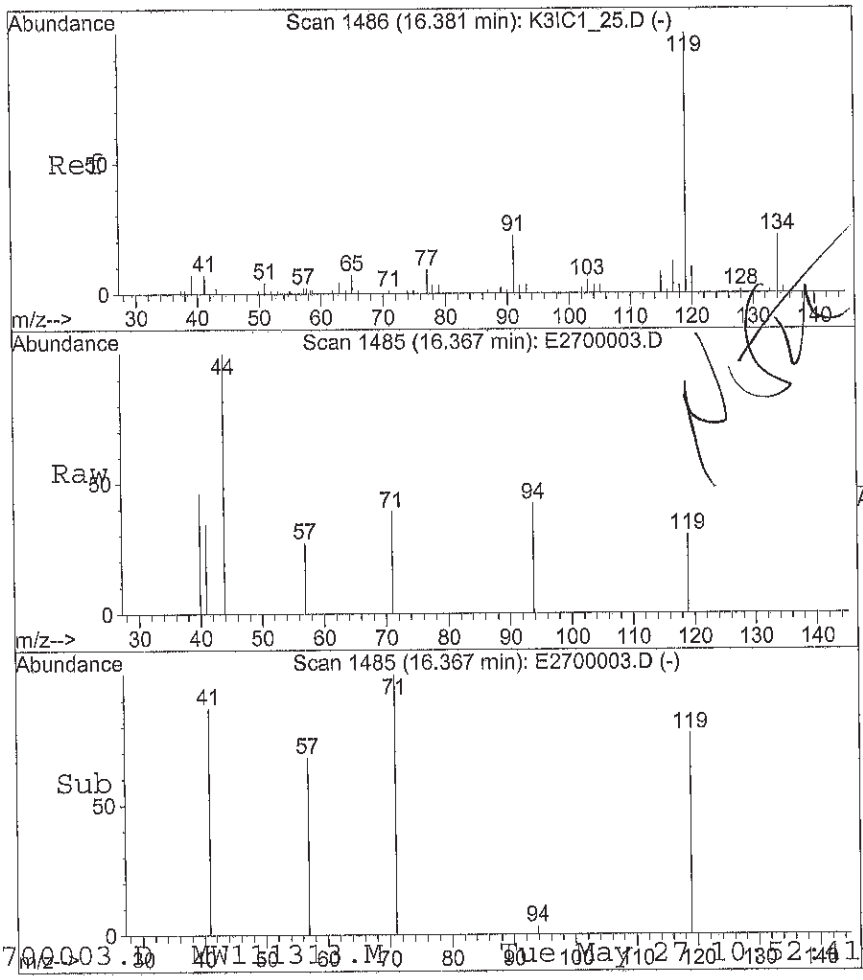


#68
sec-Butylbenzene
Concen: 0.01 ug/L
RT: 16.15 min Scan# 1459
Delta R.T. -0.11 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion:105 Resp: 314

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

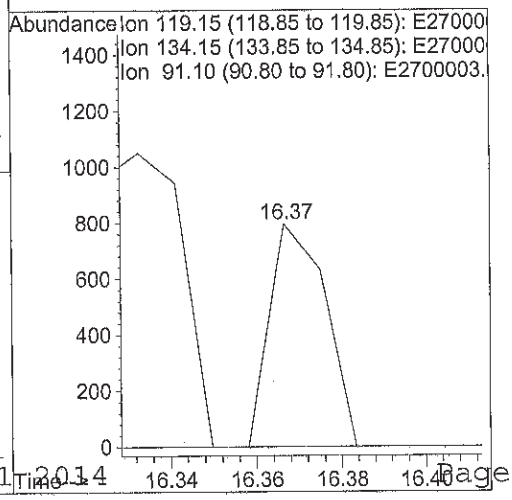




#69
p-Isopropyltoluene
Concen: 0.04 ug/L
RT: 16.37 min Scan# 1485
Delta R.T. -0.01 min
Lab File: E2700003.D
Acq: 27 May 2014 10:27 am

Tgt Ion:119 Resp: 723

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700003.D Vial: 2
Acq On : 27 May 2014 10:27 am Operator: DN
Sample : 34E2701-DUP1 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 10:53 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1808256	12.50	ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.92	117	1341570	12.50	ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	685345	12.50	ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	502458	10.68	ug/L	-0.01
Spiked Amount 12.500	Range	75 - 125	Recovery	=	85.44%	
3) Chloroform-d (SU6)	9.19	84	789526	11.70	ug/L	0.00
Spiked Amount 12.500	Range	70 - 140	Recovery	=	93.60%	
4) Methylene Chloride-d2 (SU5	7.08	86	454712	11.53	ug/L	0.00
Spiked Amount 12.500	Range	70 - 140	Recovery	=	92.24%	
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	490615	15.27	ug/L	0.00
Spiked Amount 12.500	Range	75 - 125	Recovery	=	122.16%	
6) Benzene-d6 (SU7)	9.92	84	1538661	10.84	ug/L	-0.03
Spiked Amount 12.500	Range	70 - 140	Recovery	=	86.72%	
8) Toluene-d8 (SU3)	12.20	98	1554440	12.21	ug/L	-0.02
Spiked Amount 12.500	Range	75 - 125	Recovery	=	97.68%	
9) 4-Bromofluorobenzene (SU4)	15.22	95	719373	13.69	ug/L	-0.01
Spiked Amount 12.500	Range	75 - 125	Recovery	=	109.52%	

Target Compounds Qvalue

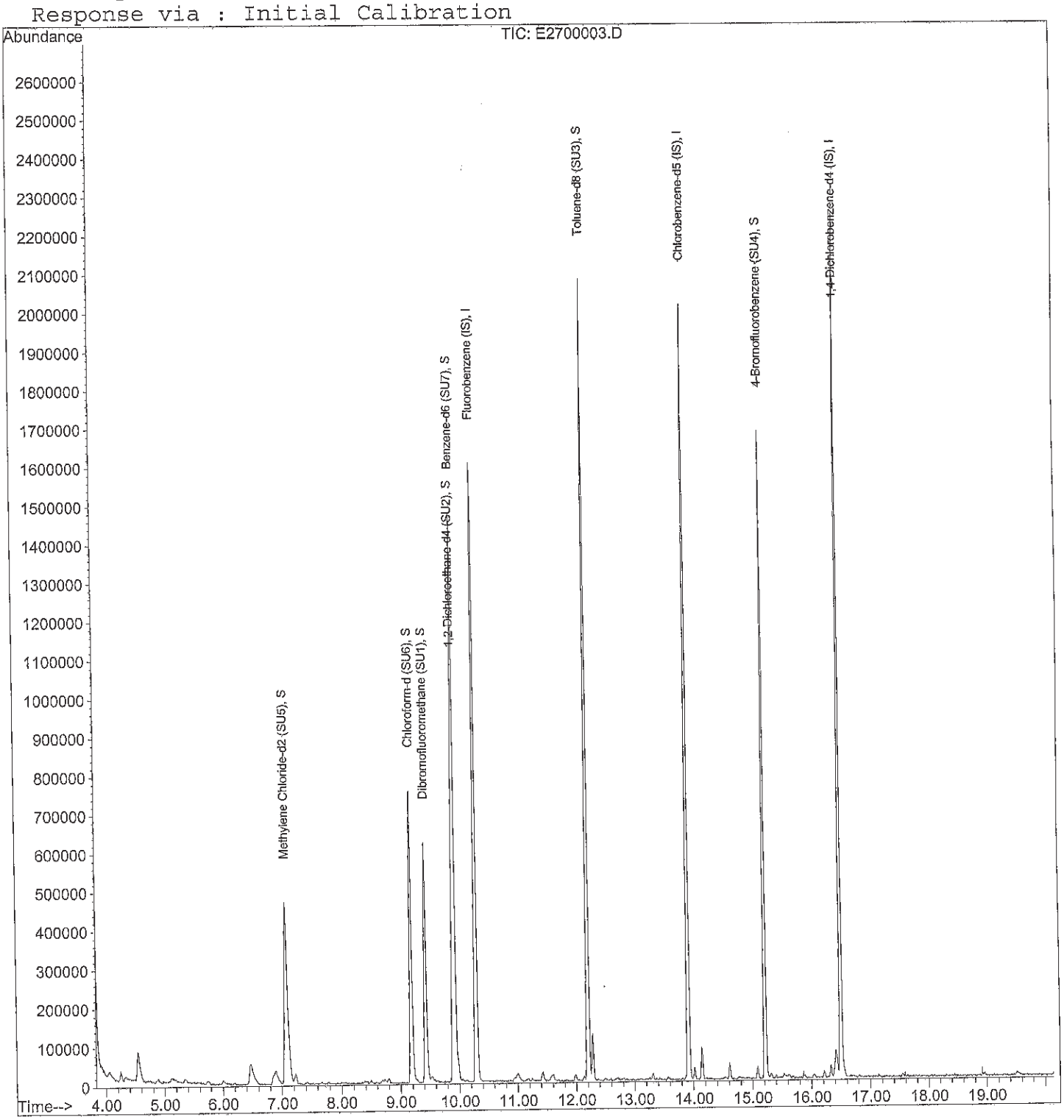
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700003.D
Acq On : 27 May 2014 10:27 am
Sample : 34E2701-DUP1
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 27 10:53 19114

Vial: 2
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



RAW DATA FOR QC SAMPLES AND INITIAL CALIBRATION LABORATORY CONTROL SAMPLES

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27LCS01.D Vial: 10
Acq On : 27 May 2014 7:33 am Operator: DN
Sample : 34E2701-BS1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 27 8:03 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1771401	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1269697	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	637939	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	503189	11.39 ug/L	0.01
Spiked Amount 12.500	Range 75 - 125		Recovery =	91.12%	
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	488808	11.64 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	93.12%	
39) Toluene-d8 (SU3)	12.20	98	1479874	12.50 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	100.00%	
58) 4-Bromofluorobenzene (SU4)	15.22	95	681037	13.11 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	104.88%	

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.09	85	29536	0.68 ug/L	100
4) Chloromethane	4.47	50	38639	1.18 ug/L	79
5) Vinyl Chloride	4.60	62	43500	1.39 ug/L	65
6) Bromomethane	5.16	96	29328	1.33 ug/L	1
7) Chloroethane	5.29	64	18328	1.33 ug/L	93
8) (F11) Trichlorofluorometha	5.67	101	65070	1.34 ug/L	96
9) (F113) 1,1,2-Trichloro-tri	6.37	151	42218	1.21 ug/L	95
10) 1,1-Dichloroethene	6.43	96	46849	1.12 ug/L	92
11) Acetone	6.46	58	53335	-12.50 ug/L	92
12) (IPA) Leak Check Compound	6.54	45	123373	57.96 ug/L #	89
13) Carbon disulfide	6.86	76	200613	1.36 ug/L	99
14) Methylene Chloride	7.11	84	64670	1.33 ug/L	94
15) (TBA) tert-Butanol	7.09	59	2724	0.90 ug/L #	77
16) (MTBE) Methyl-t-butyl ethe	7.41	73	105877	1.05 ug/L	97
17) trans-1,2-Dichloroethene	7.48	96	64128	1.35 ug/L	94
18) 1,1-Dichloroethane	8.07	63	80456	1.01 ug/L	93
19) cis-1,2-Dichloroethene	8.83	96	67769	1.22 ug/L	93
20) 2,2-Dichloropropane	8.84	77	342	0.00 ug/L #	1
21) (MEK) 2-Butanone	8.79	72	11107	2.23 ug/L #	69
22) (DIPE) Diisopropyl Ether	8.01	45	192374	1.39 ug/L	97
23) Bromochloromethane	9.17	128	25708	1.08 ug/L #	86
24) Chloroform	9.21	83	110254	1.19 ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27LCS01.D Vial: 10
Acq On : 27 May 2014 7:33 am Operator: DN
Sample : 34E2701-BS1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 27 8:03 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) (ETBE) 2-ethoxy 2-methyl p	8.49	59	126590	0.99 ug/L #	99
26) 1,1,1-Trichloroethane	9.50	97	71843	0.98 ug/L	93
27) (TAME) tert-Amyl methyl et	10.00	73	122275	1.10 ug/L #	96
29) 1,1-Dichloropropene	9.69	75	80786	1.18 ug/L	99
30) Carbon Tetrachloride	13.89	117	75683	1.27 ug/L	92
31) Benzene	9.98	78	212137	1.27 ug/L #	93
32) 1,2-Dichloroethane	9.99	62	71510	1.21 ug/L	96
33) Trichloroethene	10.74	130	67899	1.26 ug/L	99
34) 1,2-Dichloropropane	11.05	63	54930	1.38 ug/L	93
35) Dibromomethane	11.21	93	40202	1.29 ug/L	99
36) Bromodichloromethane	11.35	83	72653	1.16 ug/L	96
37) cis-1,3-Dichloropropene	11.87	75	68065	1.00 ug/L	94
40) (MIBK) 4-Methyl-2-Pentanon	12.12	43	14071	0.56 ug/L #	100
41) Toluene	12.29	91	228294	1.32 ug/L	96
42) trans-1,3-Dichloropropene	12.51	75	47433	0.83 ug/L #	74
43) 1,1,2-Trichloroethane	12.75	83	43739	1.40 ug/L	90
44) Tetrachloroethene	12.94	164	71041	1.17 ug/L	96
45) 1,3-Dichloropropane	12.96	76	78166	1.32 ug/L	96
46) 2-Hexanone	12.96	43	49657	1.79 ug/L	99
47) Dibromochloromethane	13.25	129	57668	1.29 ug/L #	96
48) 1,2-Dibromoethane	13.43	107	58294	1.44 ug/L	98
49) Chlorobenzene	13.95	112	154354	1.32 ug/L	95
50) 1,1,1,2-Tetrachloroethane	14.02	131	50284	1.21 ug/L	97
51) Ethylbenzene	14.02	91	264142	1.34 ug/L	100
52) m,p-Xylenes	14.15	106	194695	2.78 ug/L	93
53) o-Xylene	14.61	106	89953	1.30 ug/L	94
54) Styrene	14.63	104	150579	1.51 ug/L	97
55) Bromoform	14.91	173	34879	1.38 ug/L	96
56) Isopropylbenzene	15.00	105	258545	1.36 ug/L	99
57) 1,2,3-Trichloropropane	15.42	75	69213	1.34 ug/L #	1
60) 1,1,2,2-Tetrachloroethane	15.33	83	63942	1.39 ug/L	98
61) Bromobenzene	15.43	156	66775	1.33 ug/L	95
62) n-Propylbenzene	15.45	91	327658	1.27 ug/L	99
63) 2-Chlorotoluene	15.61	91	204311	1.29 ug/L	98
64) 1,3,5-Trimethylbenzene	15.62	105	204021	1.28 ug/L	98
65) 4-Chlorotoluene	15.72	91	198638	1.35 ug/L	100
66) tert-Butylbenzene	16.01	119	169471	1.25 ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27LCS01.D Vial: 10
Acq On : 27 May 2014 7:33 am Operator: DN
Sample : 34E2701-BS1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 27 8:03 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

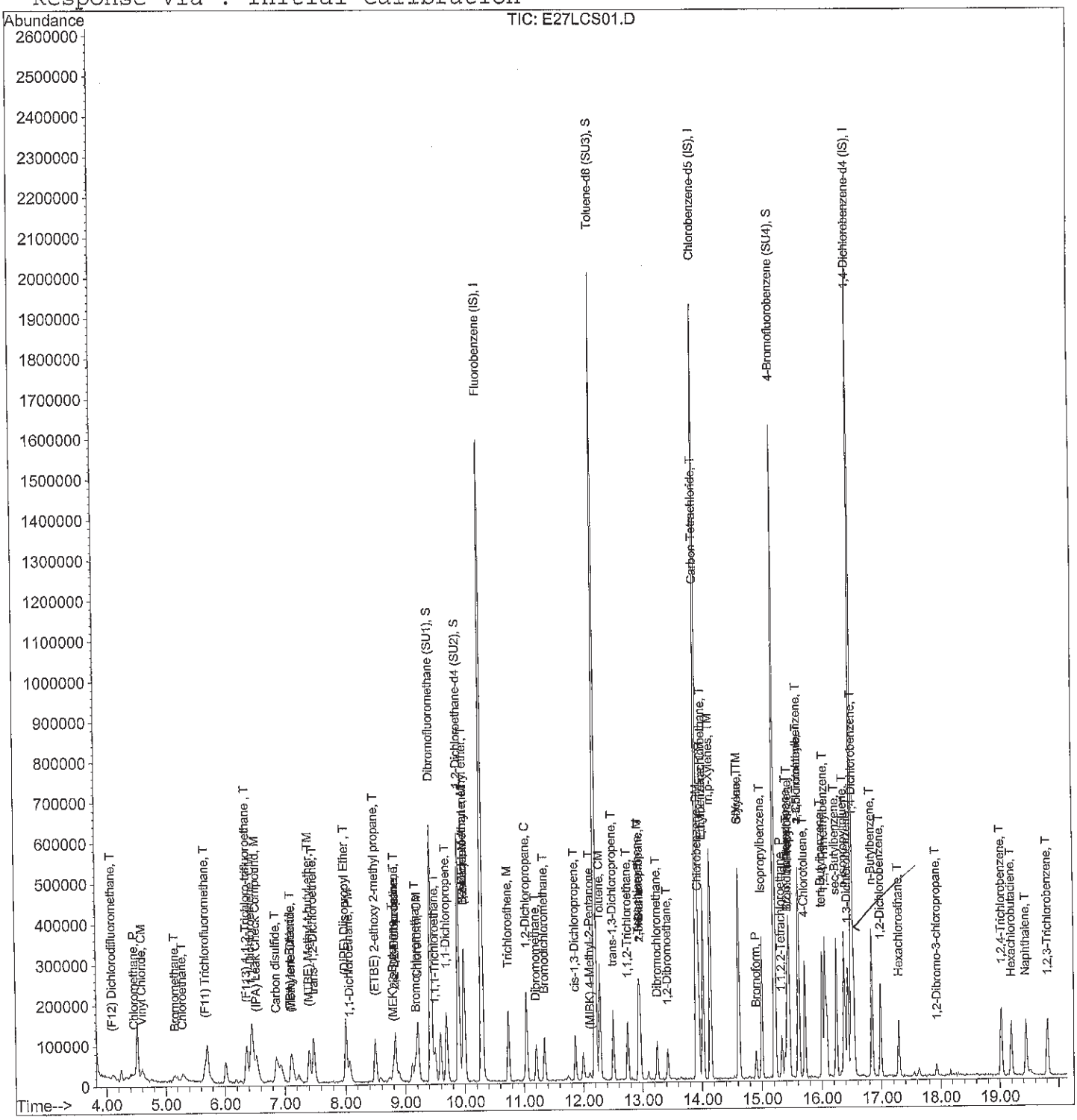
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
67)	1,2,4-Trimethylbenzene	16.05	105	211499	1.28 ug/L	94
68)	sec-Butylbenzene	16.24	105	282869	1.32 ug/L	99
69)	p-Isopropyltoluene	16.38	119	213433	1.22 ug/L	95
70)	1,3-Dichlorobenzene	16.43	146	129408	1.37 ug/L	96
71)	1,4-Dichlorobenzene	16.54	146	125663	1.33 ug/L	97
72)	n-Butylbenzene	16.84	91	234736	1.28 ug/L	98
73)	1,2-Dichlorobenzene	16.98	146	113627	1.35 ug/L	98
74)	1,2-Dibromo-3-chloropropan	17.93	75	9221	1.32 ug/L #	73
75)	1,2,4-Trichlorobenzene	19.03	180	73053	1.28 ug/L	97
76)	Hexachlorobutadiene	19.20	225	35320	1.38 ug/L	95
77)	Naphthalene	19.44	128	160112	1.27 ug/L	100
78)	Hexachloroethane	17.29	201	20932	1.13 ug/L #	89
79)	1,2,3-Trichlorobenzene	19.81	180	64381	1.19 ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E27LCS01.D Vial: 10
Acq On : 27 May 2014 7:33 am Operator: DN
Sample : 34E2701-BS1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 27 8:03 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration



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Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27BLK01.D Vial: 11
Acq On : 27 May 2014 9:00 am Operator: DN
Sample : 34E2701-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:21 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1865195	12.50	ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1375456	12.50	ug/L	-0.01
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	703693	12.50	ug/L	0.00
System Monitoring Compounds						
2) Dibromofluoromethane (SU1)	9.42	113	509925	10.96	ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 87.68%						
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	480809	10.87	ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 86.96%						
39) Toluene-d8 (SU3)	12.20	98	1606996	12.53	ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 100.24%						
58) 4-Bromofluorobenzene (SU4)	15.22	95	718155	12.77	ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 102.16%						

Target Compounds						Qvalue
4) Chloromethane	4.41	50	3502	-0.10	~~ug/L~~ # NSM	41
6) Bromomethane	5.13	96	2338	-0.64	~~ug/L~~ #	1
7) Chloroethane	5.23	64	856	1.24	~~ug/L~~ #	32
11) Acetone	6.48	58	24602	36.82	~~ug/L~~ T	93
12) (IPA) Leak Check Compound	6.48	45	34072	152.02	~~ug/L~~ NSM	100
14) Methylene Chloride	7.07	84	7216	1.41	~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.91	59	2586	8.13	~~ug/L~~ #	77
21) (MEK) 2-Butanone	8.79	72	2669	5.09	~~ug/L~~ #	1
24) Chloroform	9.21	83	1638	0.17	~~ug/L~~ #	18
29) 1,1-Dichloropropene	9.91	75	582	0.08	~~ug/L~~ #	1
31) Benzene	9.92	78	11295	0.64	~~ug/L~~ #	80
32) 1,2-Dichloroethane	9.93	62	6988	1.13	~~ug/L~~ #	1
35) Dibromomethane	10.99	93	281	0.09	~~ug/L~~ #	5
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	7959	2.90	~~ug/L~~ # T	100
41) Toluene	12.29	91	1725	0.09	~~ug/L~~ # NSM	50
46) 2-Hexanone	12.97	43	2459	0.82	~~ug/L~~ # T	80
51) Ethylbenzene	14.02	91	836	0.04	~~ug/L~~ # NSM	45
52) m,p-Xylenes	14.15	106	266	0.04	~~ug/L~~ # 0.0008	1
54) Styrene	14.63	104	1313	-0.75	~~ug/L~~ #	67
56) Isopropylbenzene	15.23	105	600	0.03	~~ug/L~~ #	1
62) n-Propylbenzene	15.21	91	1331	0.05	~~ug/L~~ #	56
67) 1,2,4-Trimethylbenzene	16.05	105	276	0.02	~~ug/L~~ #	33

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27BLK01.D Vial: 11
Acq On : 27 May 2014 9:00 am Operator: DN
Sample : 34E2701-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:21 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

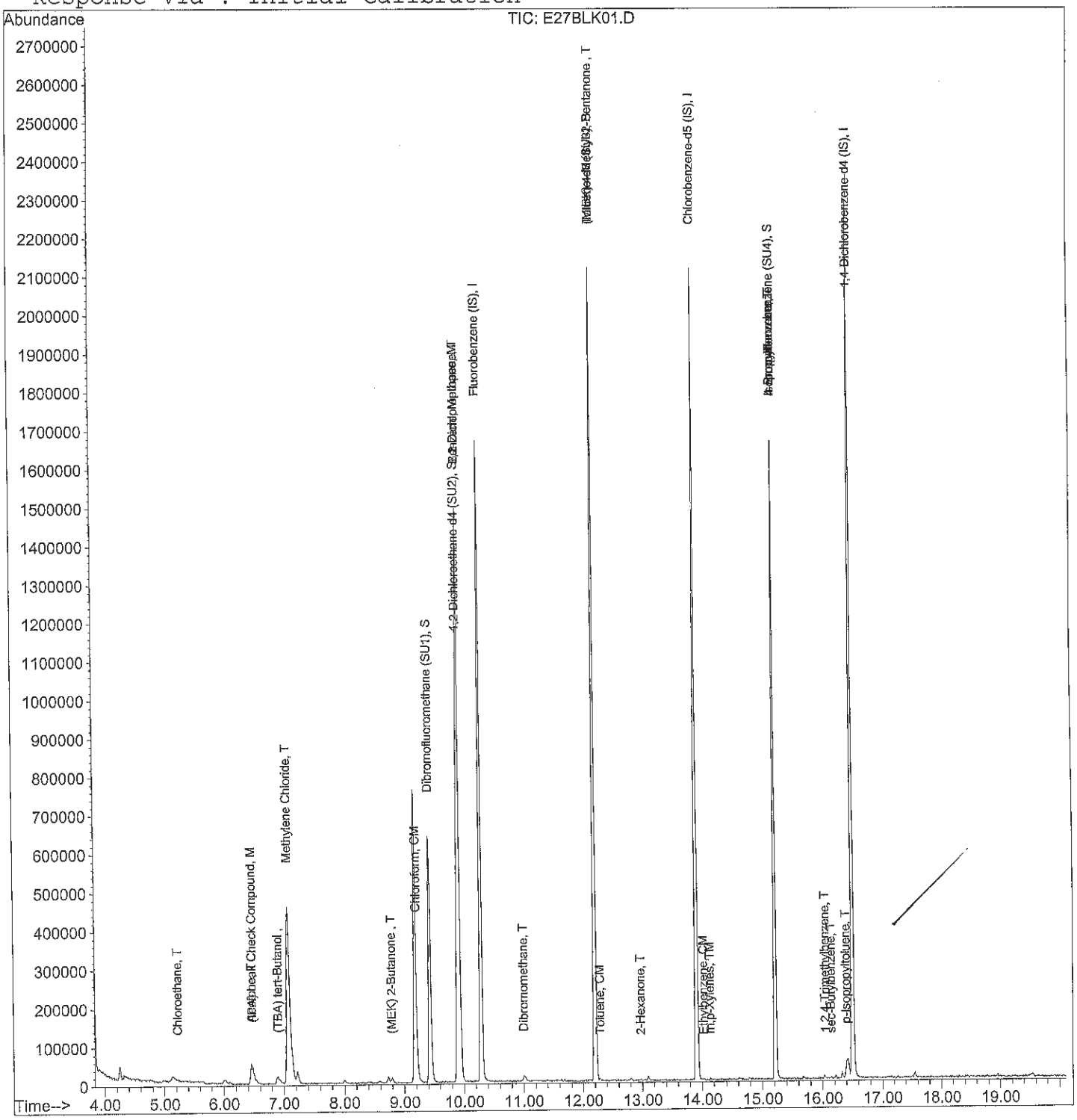
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68) sec-Butylbenzene	16.15	105	608	0.03	~~ug/L #~~	62
69) p-Isopropyltoluene	16.38	119	319	0.02	~~ug/L #~~	52

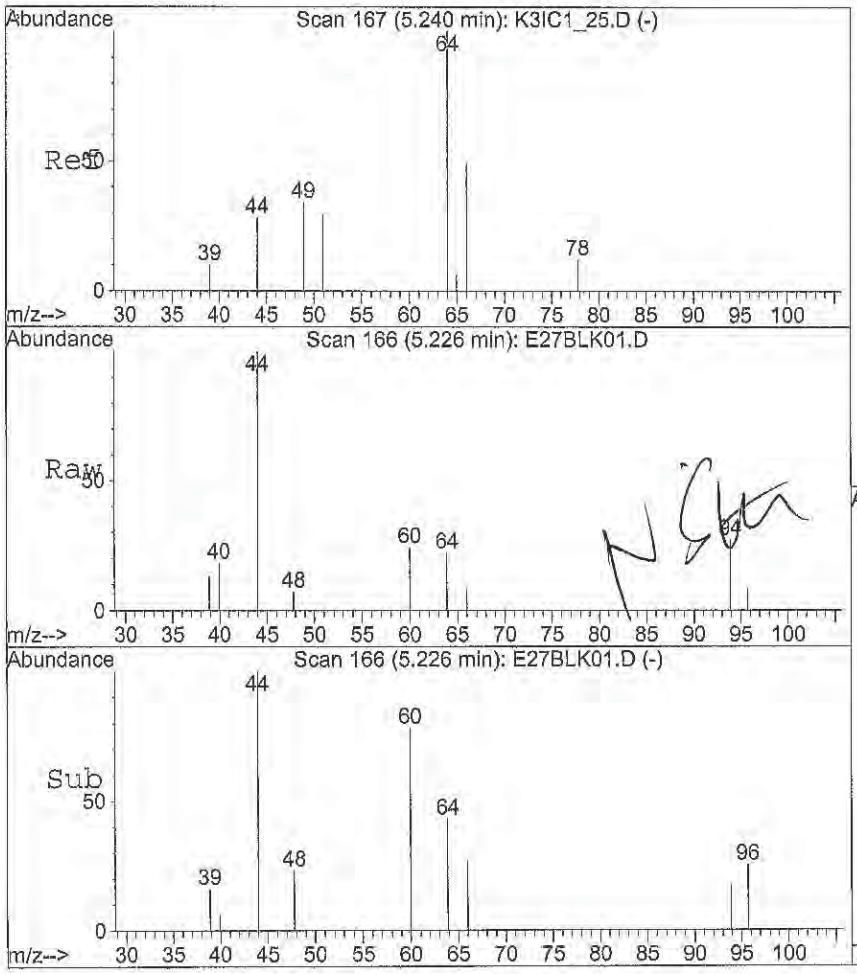
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E27BLK01.D Vial: 11
Acq On : 27 May 2014 9:00 am Operator: DN
Sample : 34E2701-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:21 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

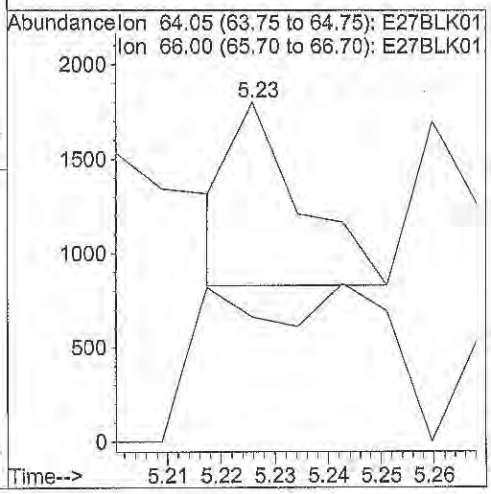


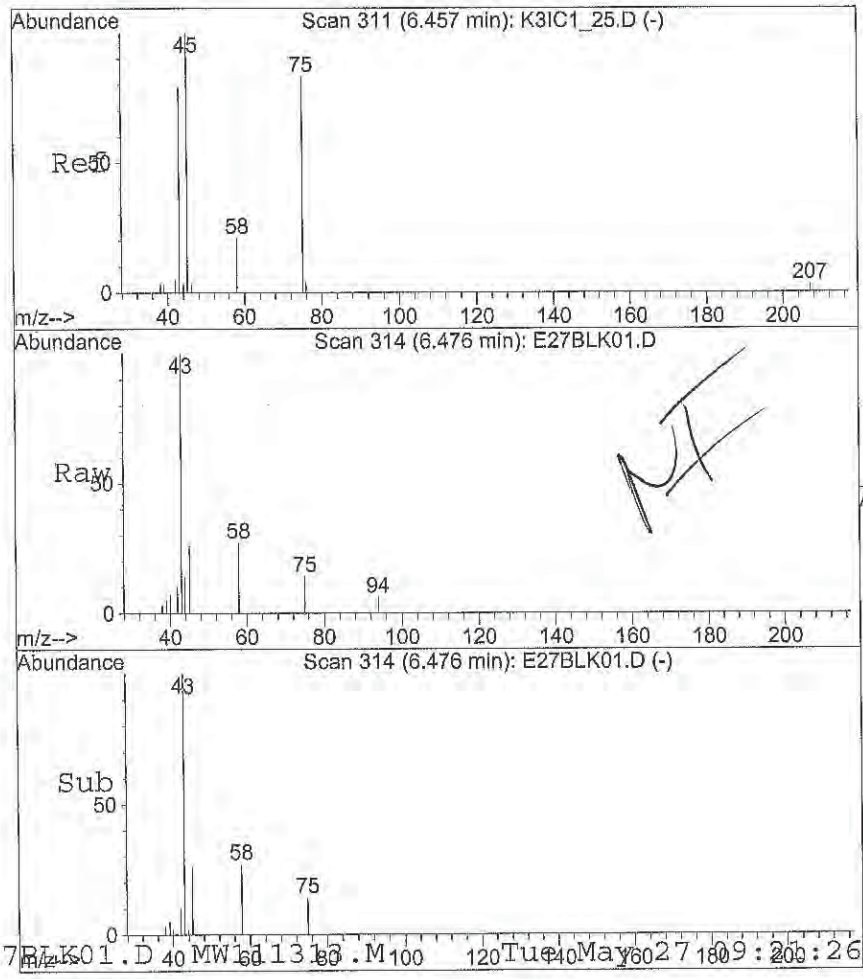


#7
Chloroethane
Concen: 1.24 ug/L
RT: 5.23 min Scan# 166
Delta R.T. -0.01 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 64 Resp: 856

Ion	Ratio	Lower	Upper
64	100		
66	0.0	35.4	53.0#

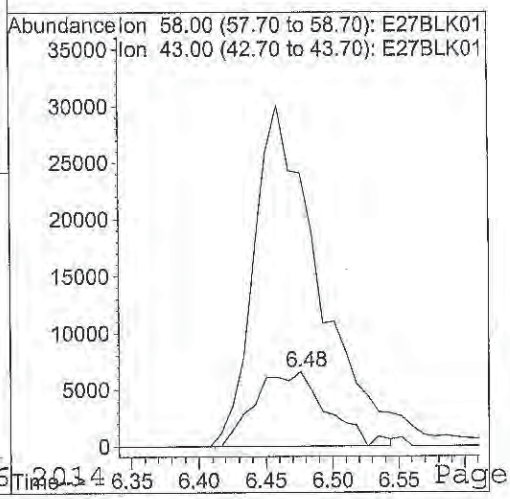


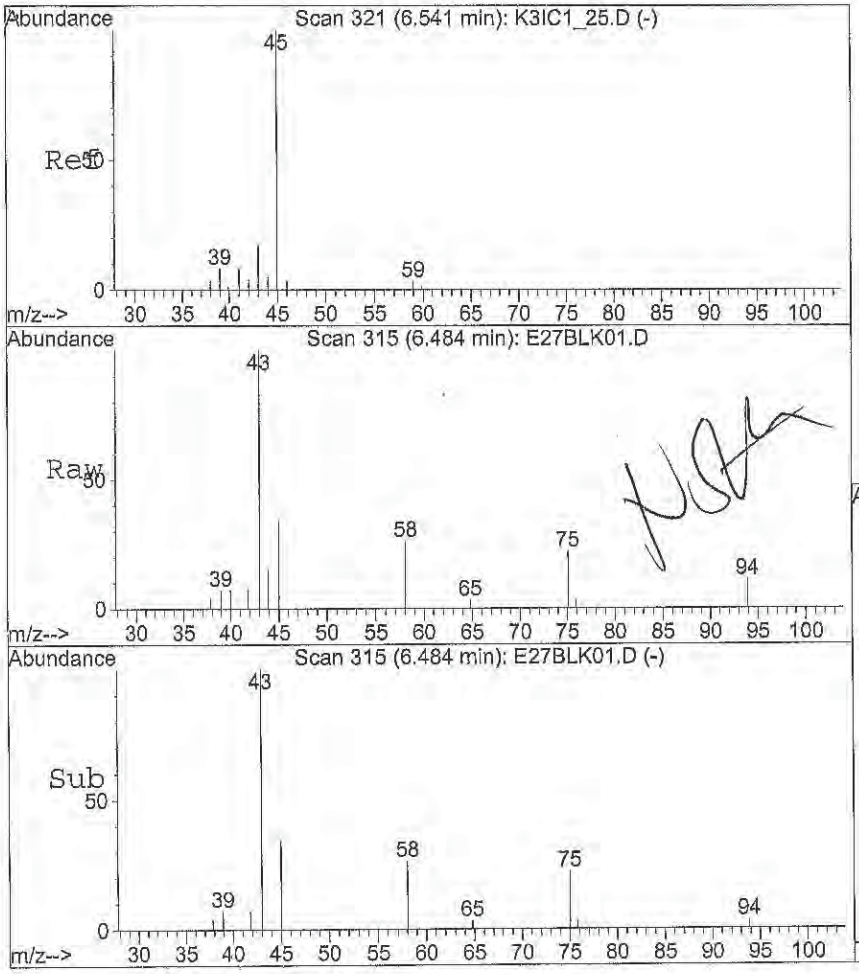


#11
Acetone
Concen: 36.82 ug/L
RT: 6.48 min Scan# 314
Delta R.T. 0.02 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 58 Resp: 24602

Ion	Ratio	Lower	Upper
58	100		
43	434.0	360.9	541.3

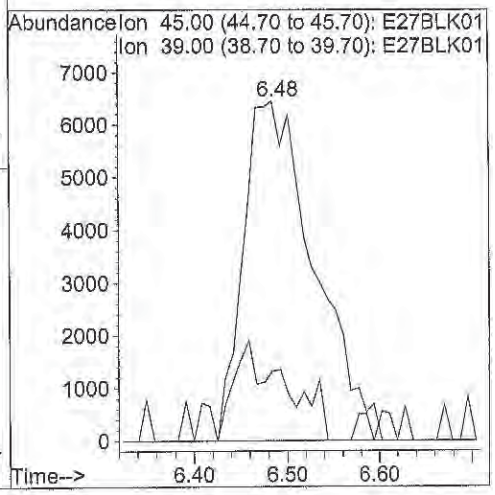


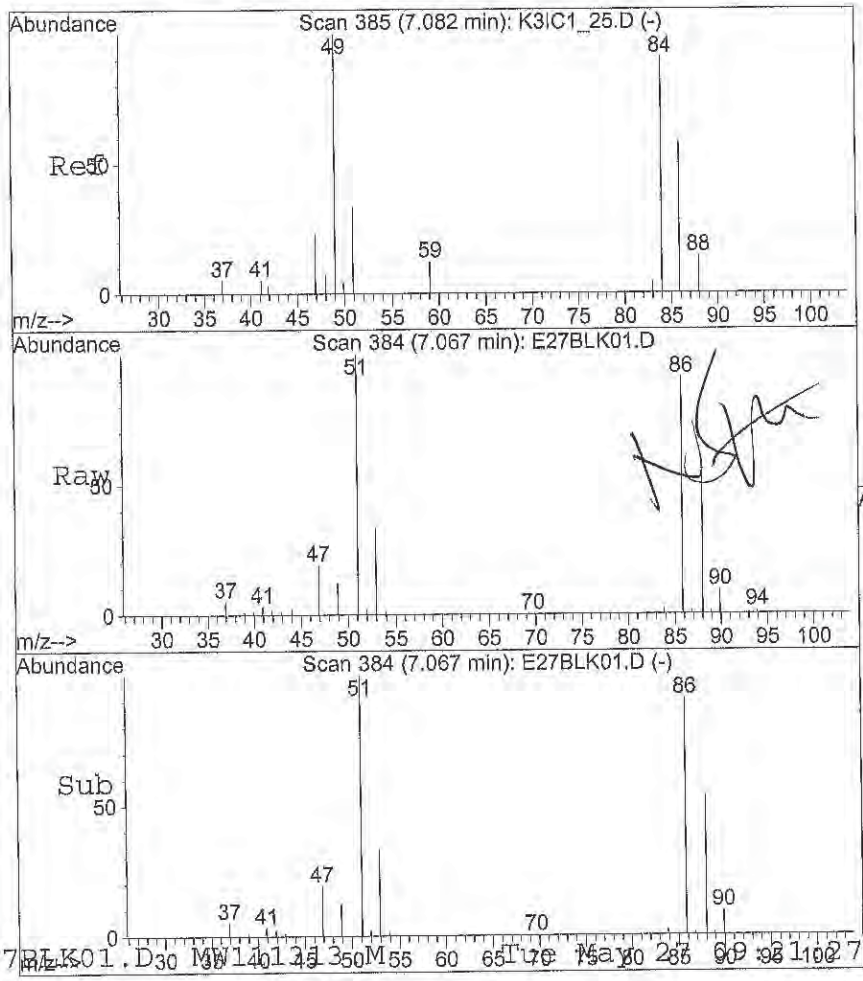


#12
(IPA) Leak Check Compound
Concen: 152.02 ug/L
RT: 6.48 min Scan# 315
Delta R.T. -0.06 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 45 Resp: 34072

Ion	Ratio	Lower	Upper
45	100		
39	6.2	4.9	7.3

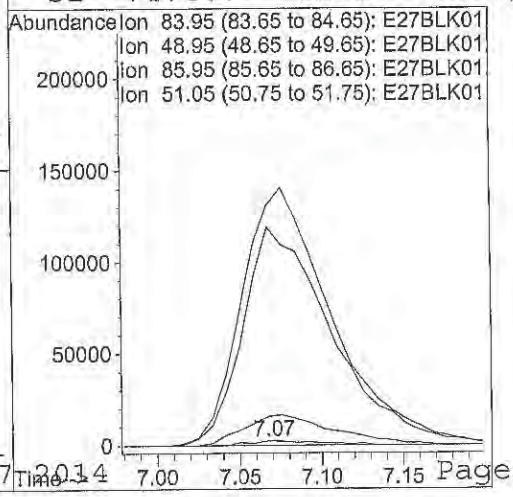


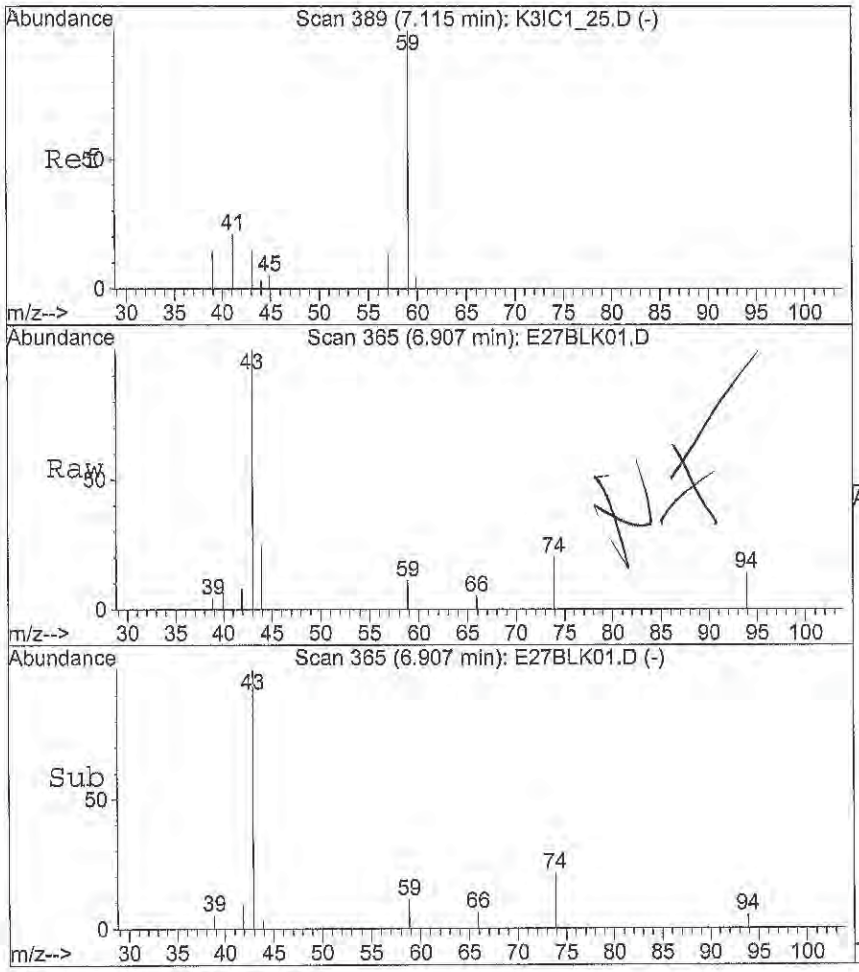


#14
Methylene Chloride
Concen: 1.41 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 84 Resp: 7216

Ion	Ratio	Lower	Upper
84	100		
49	864.4	89.8	134.6#
86	6269.0	51.1	76.7#
51	7474.7	28.5	42.7#

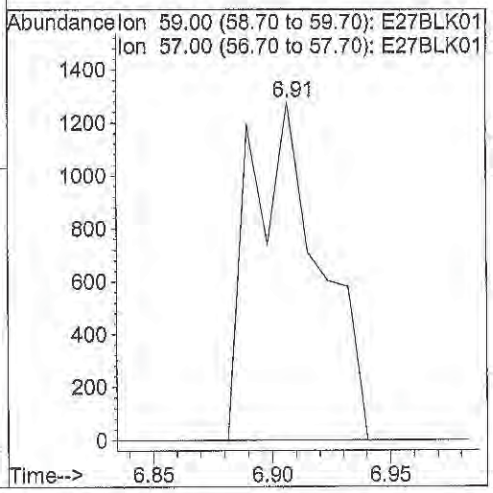


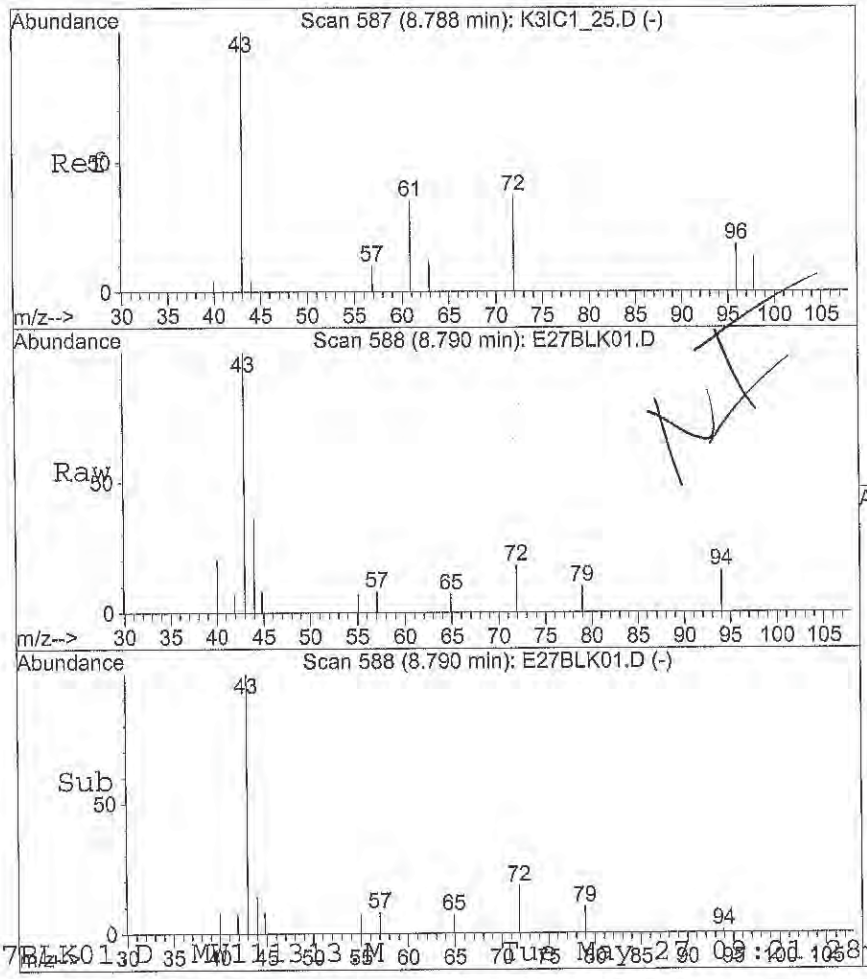


#15
(TBA) tert-Butanol
Concen: 8.13 ug/L
RT: 6.91 min Scan# 365
Delta R.T. -0.21 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 59 Resp: 2586

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

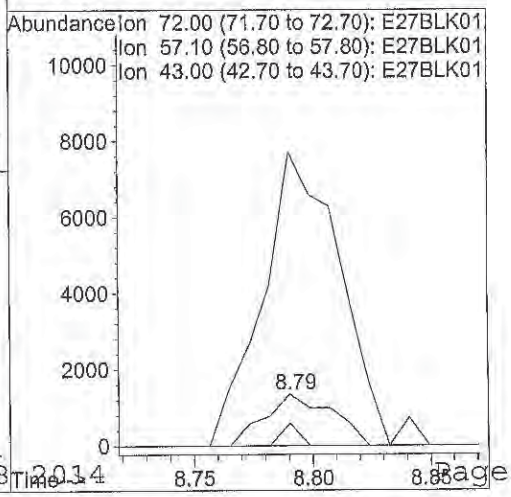


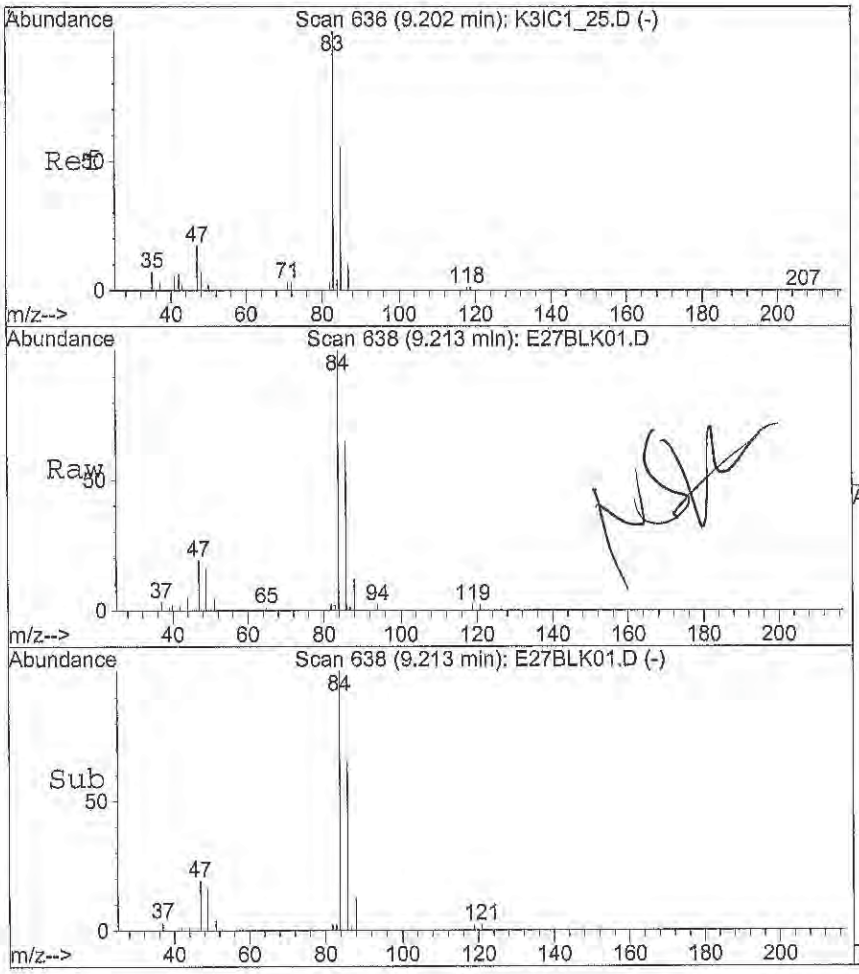


#21
(MEK) 2-Butanone
Concen: 5.09 ug/L
RT: 8.79 min Scan# 588
Delta R.T. 0.00 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 72 Resp: 2669

Ion	Ratio	Lower	Upper
72	100		
57	11.1	17.5	26.3#
43	667.2	314.2	471.2#

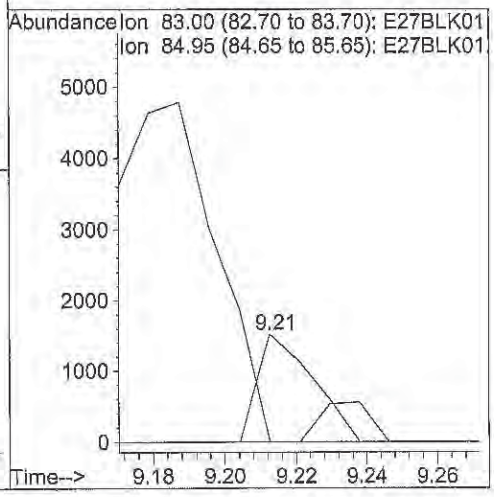


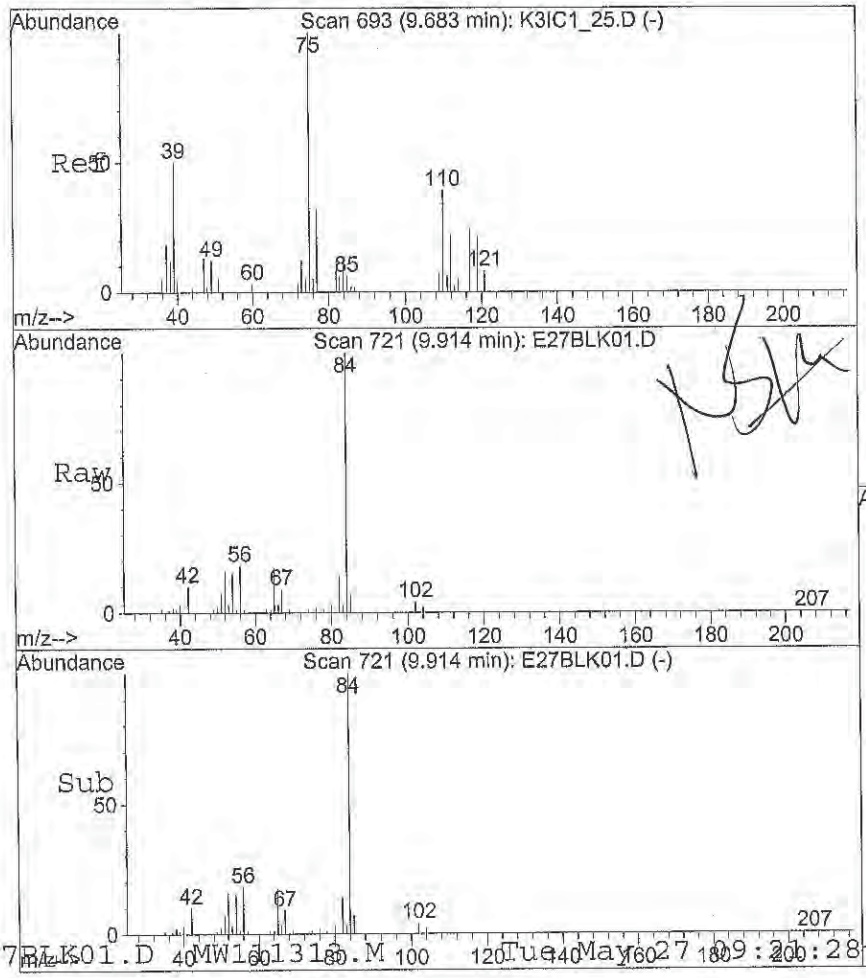


#24
Chloroform
Concen: 0.17 ug/L
RT: 9.21 min Scan# 638
Delta R.T. 0.01 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 83 Resp: 1638

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

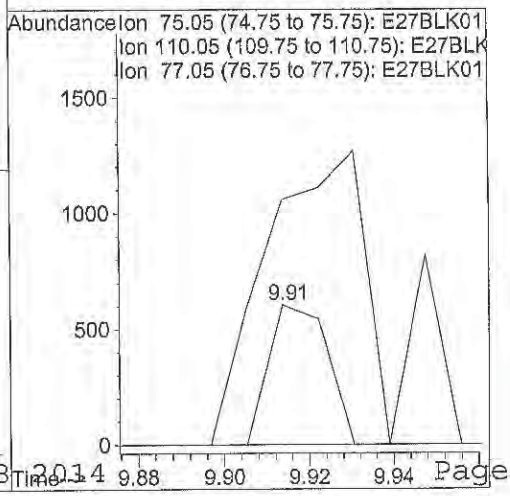


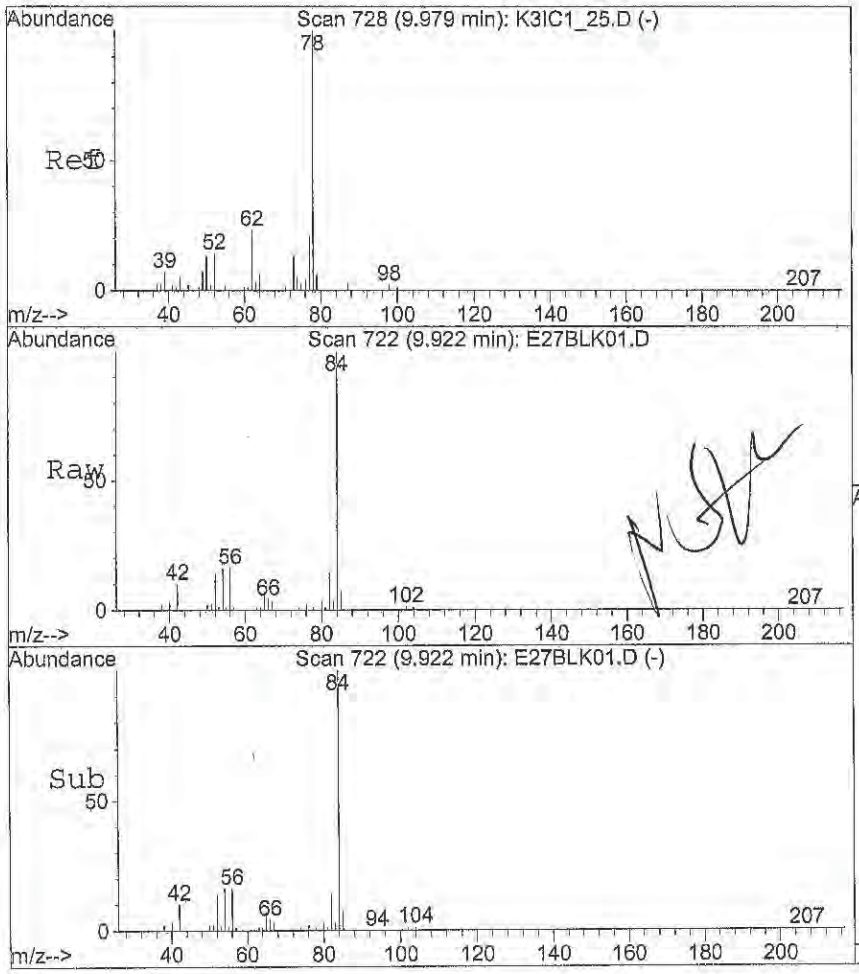


#29
1,1-Dichloropropene
Concen: 0.08 ug/L
RT: 9.91 min Scan# 721
Delta R.T. 0.23 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 75 Resp: 582

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	351.0	25.0	37.4#

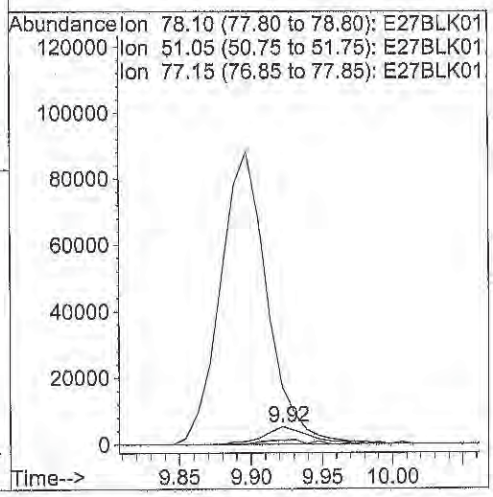


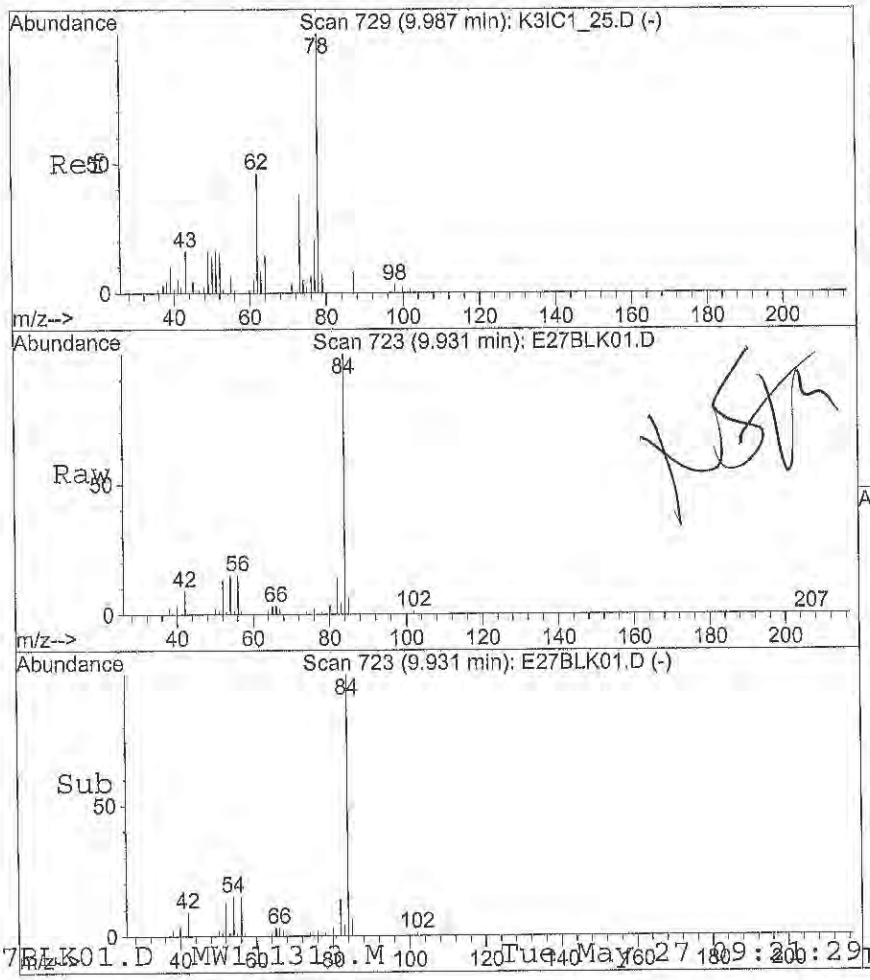


#31
Benzene
Concen: 0.64 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 78 Resp: 11295

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	21.8	16.6	24.8

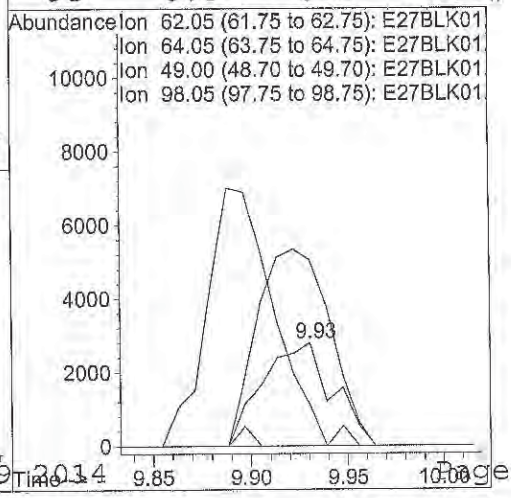


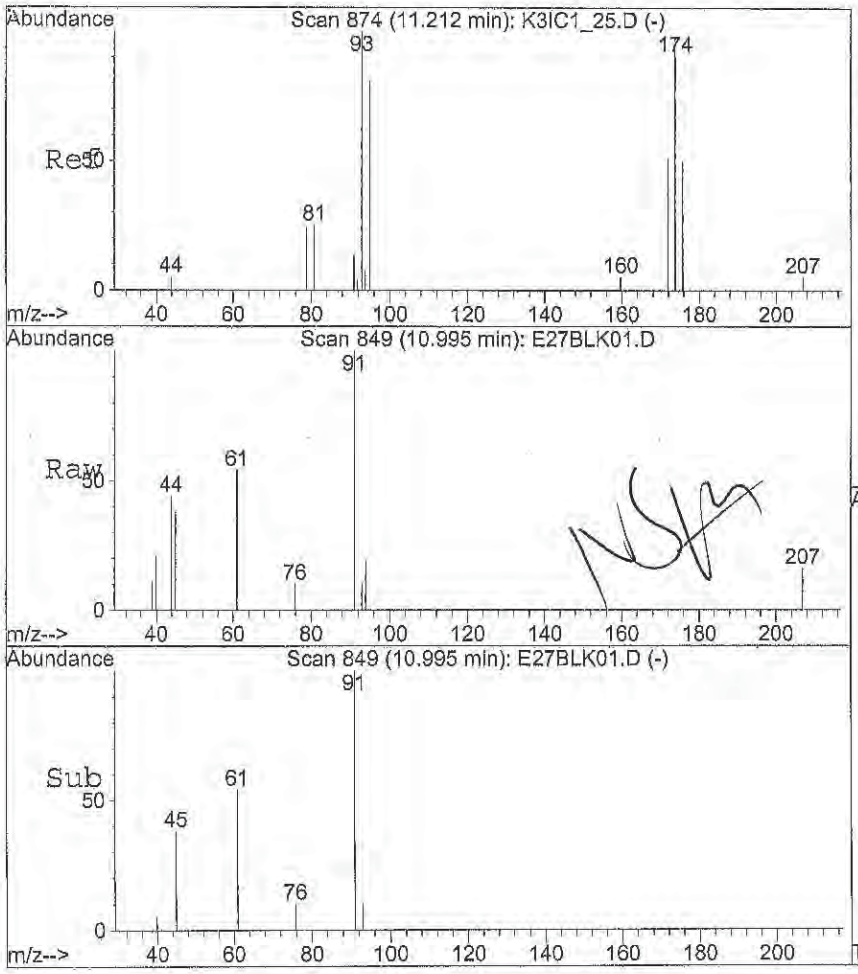


#32
1,2-Dichloroethane
Concen: 1.13 ug/L
RT: 9.93 min Scan# 723
Delta R.T. -0.06 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 62 Resp: 6988

Ion	Ratio	Lower	Upper
62	100		
64	200.4	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

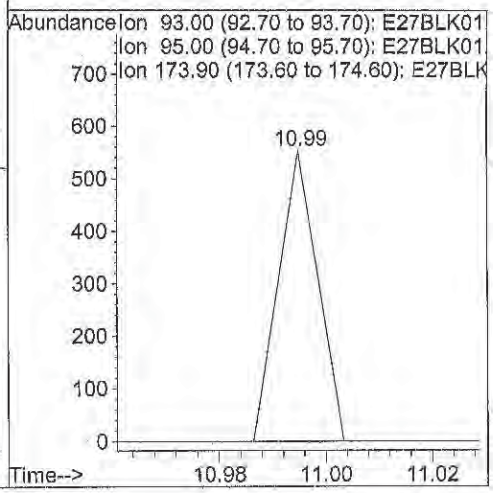


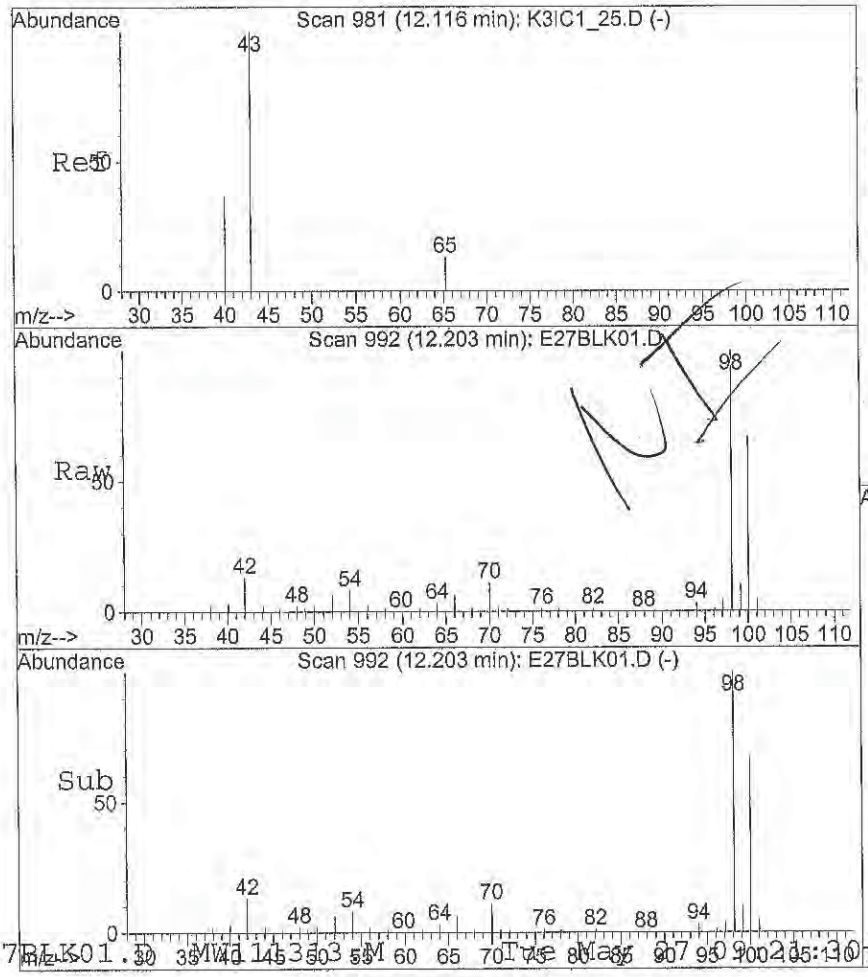


#35
Dibromomethane
Concen: 0.09 ug/L
RT: 10.99 min Scan# 849
Delta R.T. -0.22 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 93 Resp: 281

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.2	99.2#
174	0.0	75.5	113.3#

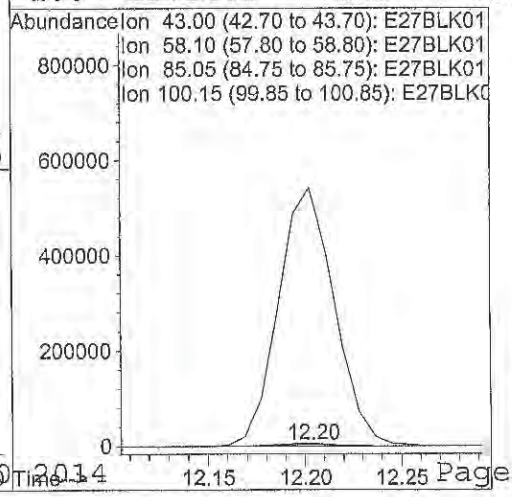


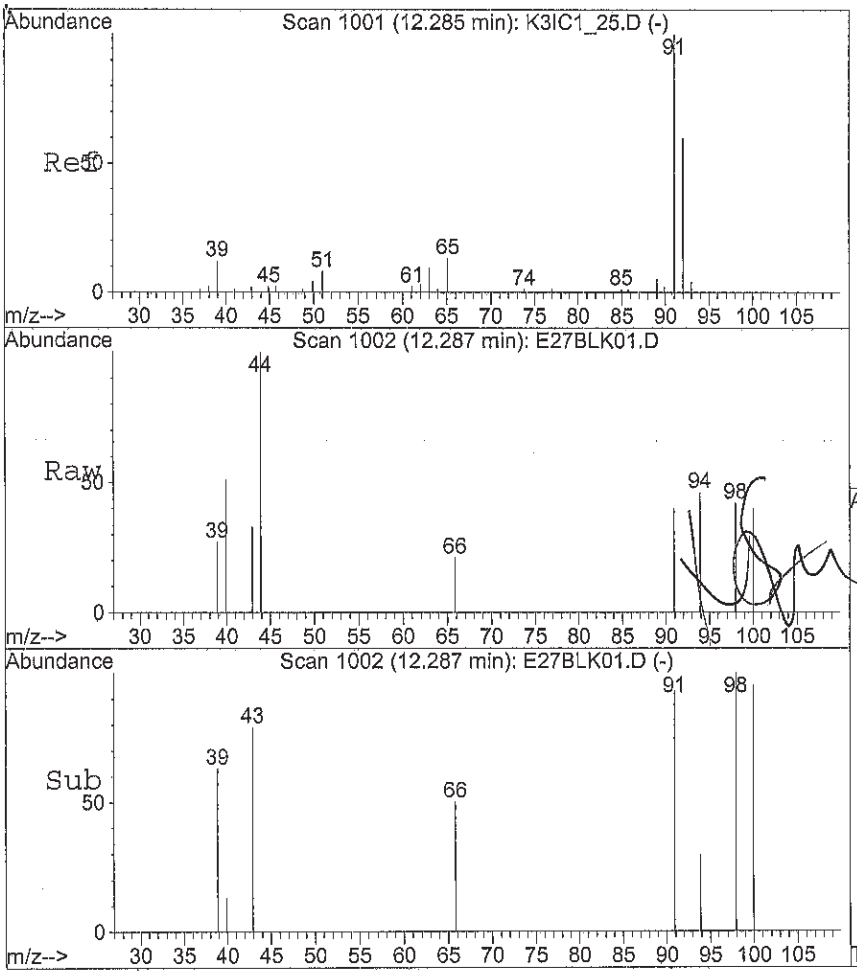


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.90 ug/L
RT: 12.20 min Scan# 992
Delta R.T. 0.09 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 43 Resp: 7959

Ion	Ratio	Lower	Upper
43	100		
58	142.1	0.0	0.0#
85	0.0	0.0	0.0
100	13754.2	0.0	0.0#

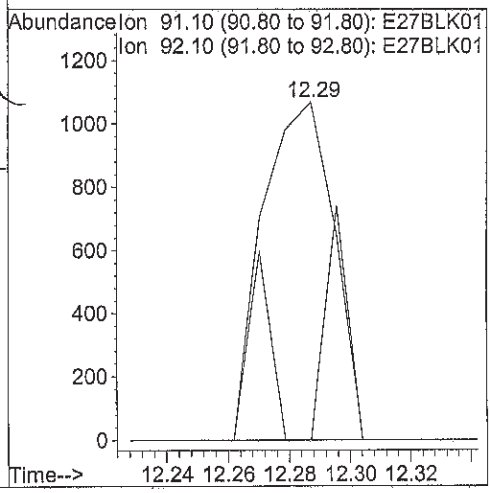


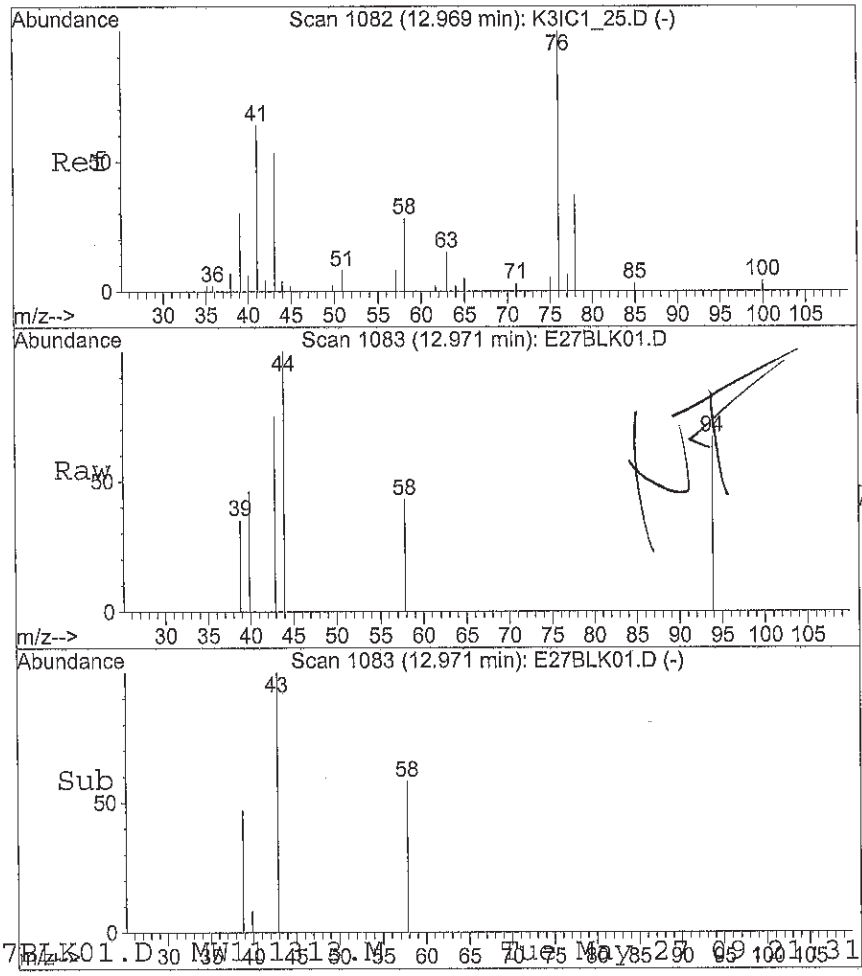


#41
Toluene
Concen: 0.09 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 91 Resp: 1725

Ion	Ratio	Lower	Upper
91	100		
92	21.7	47.4	71.0#

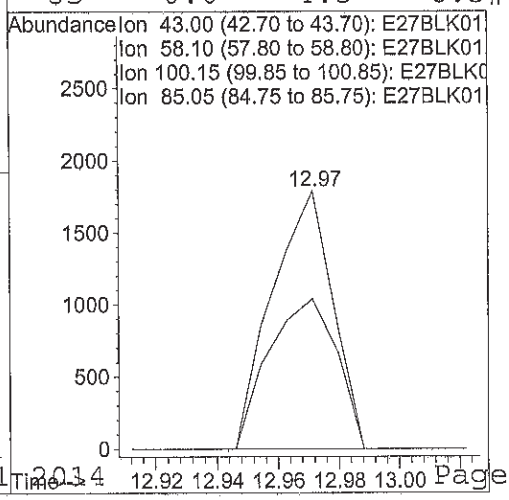


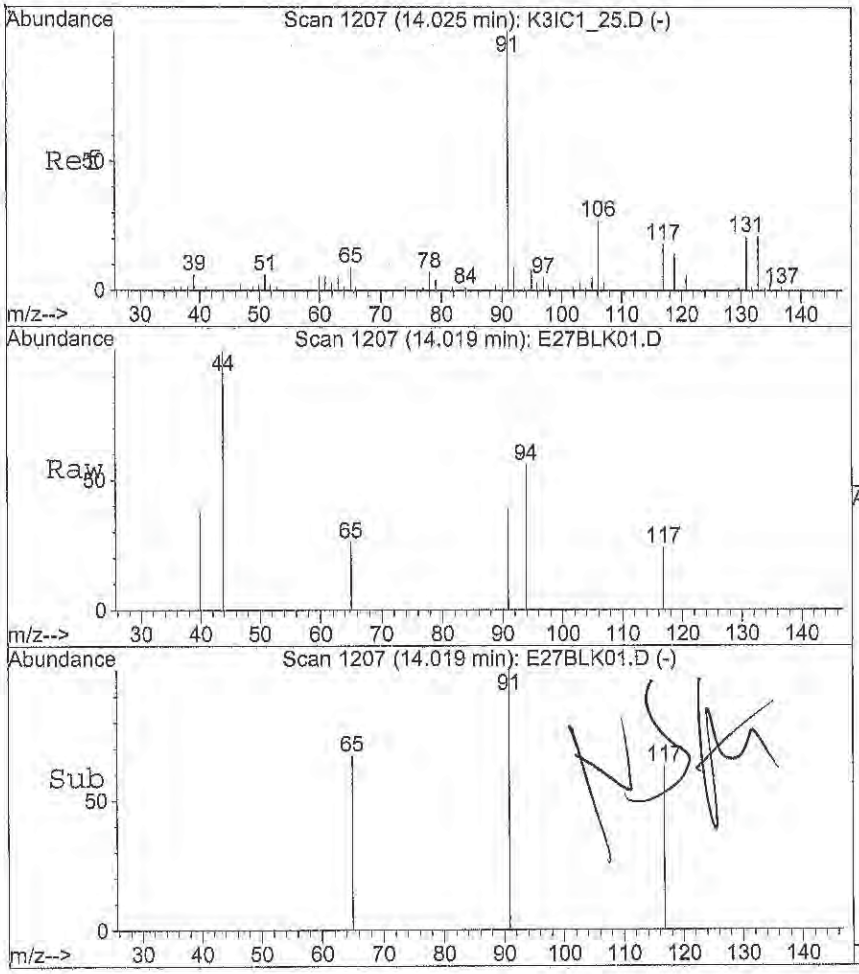


#46
2-Hexanone
Concen: 0.82 ug/L
RT: 12.97 min Scan# 1083
Delta R.T. 0.00 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 43 Resp: 2459

Ion	Ratio	Lower	Upper
43	100		
58	65.5	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

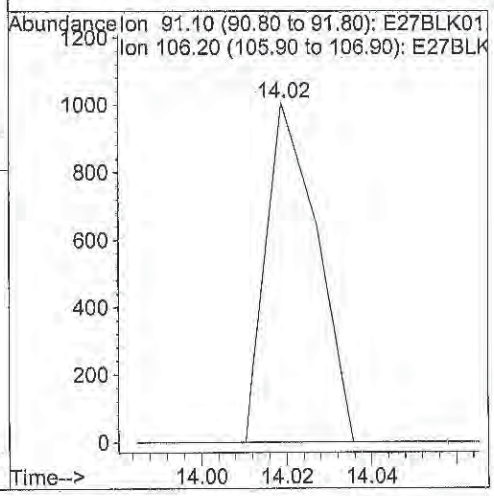


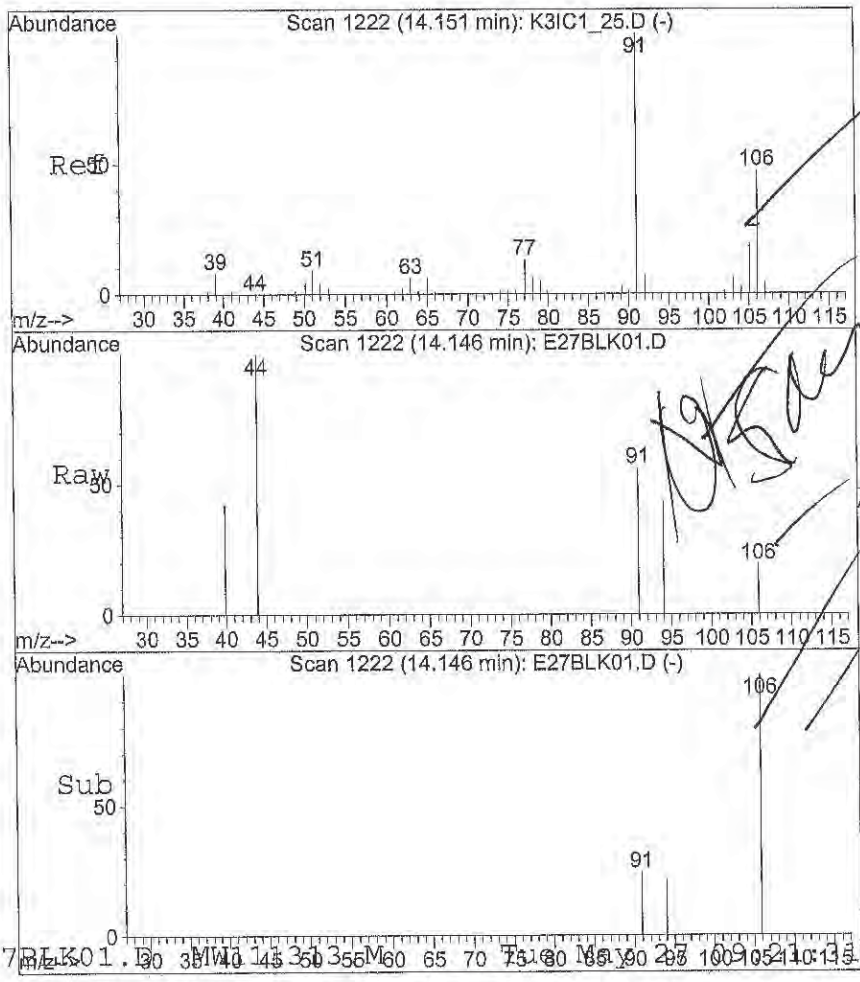


#51
Ethylbenzene
Concen: 0.04 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.01 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 91 Resp: 836

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

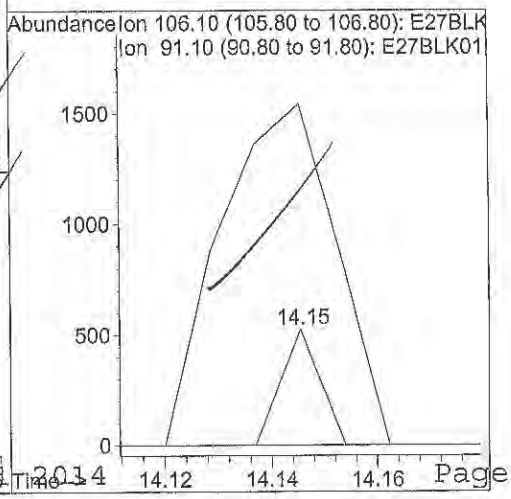


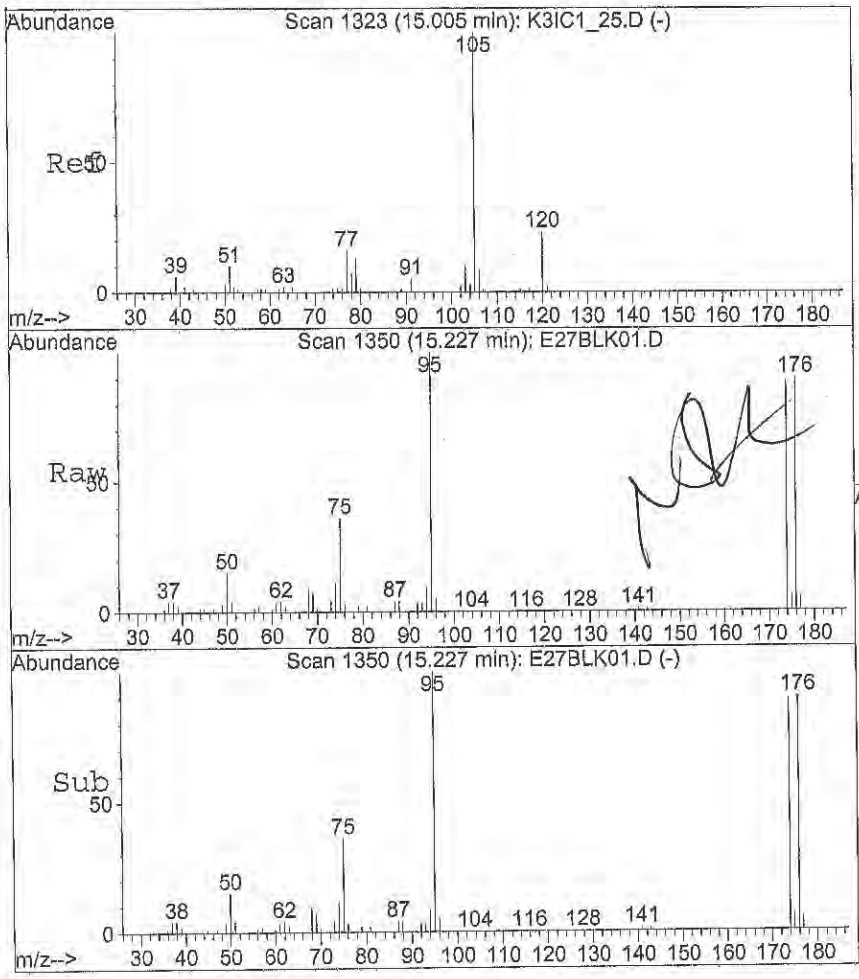


#52
m,p-Xylenes
Concen: 0.04 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.01 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion:106 Resp: 266

Ion	Ratio	Lower	Upper
106	100		
91	870.3	177.1	265.7#

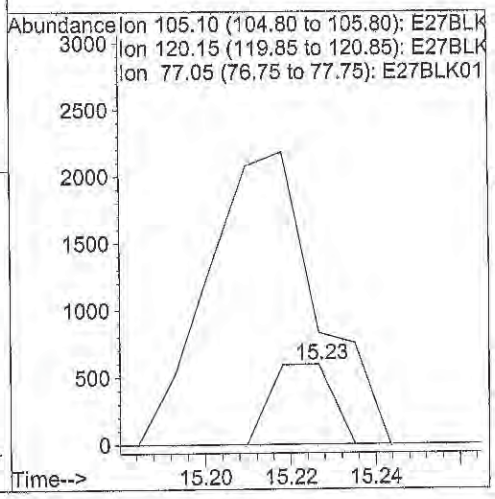


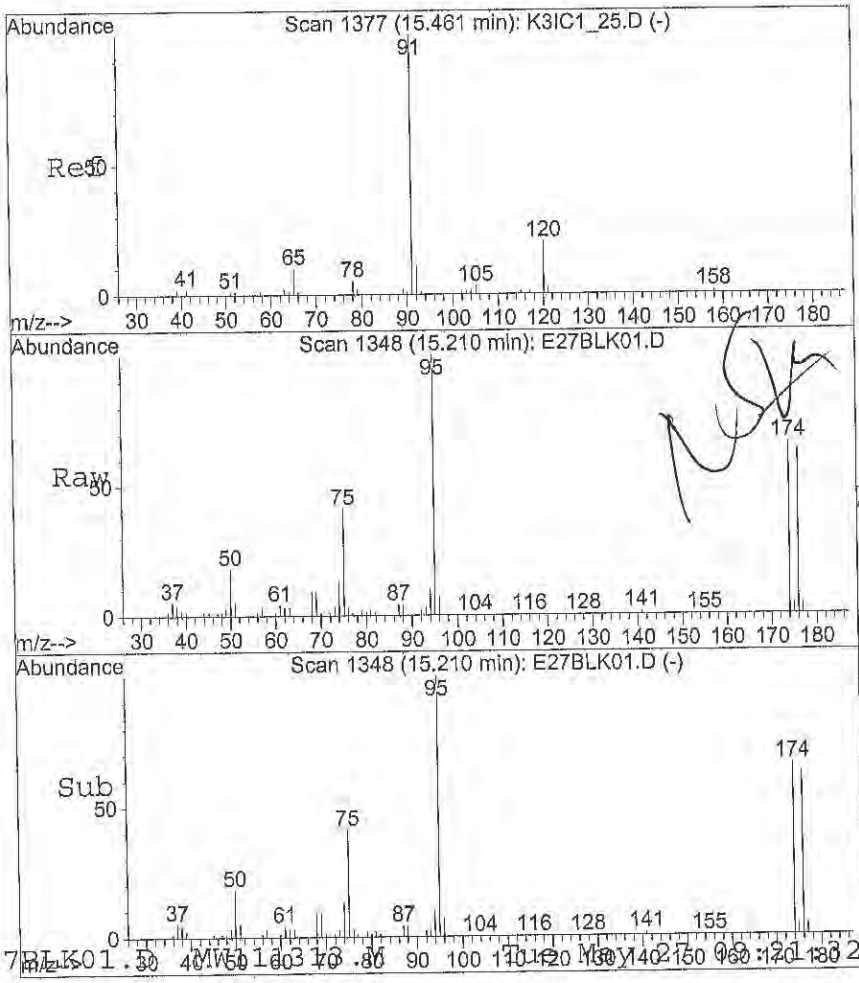


#56
Isopropylbenzene
Concen: 0.03 ug/L
RT: 15.23 min Scan# 1350
Delta R.T. 0.22 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion:105 Resp: 600

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	646.7	13.1	19.7#

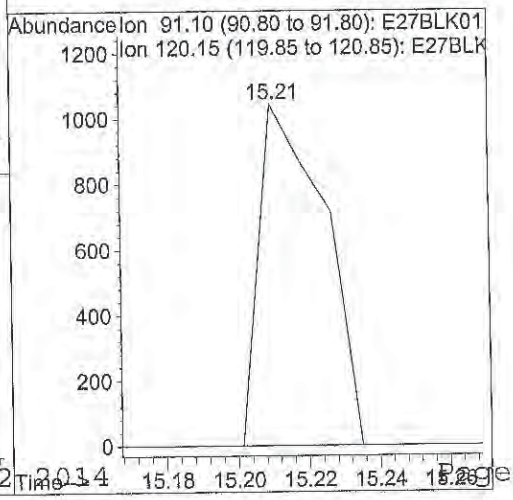


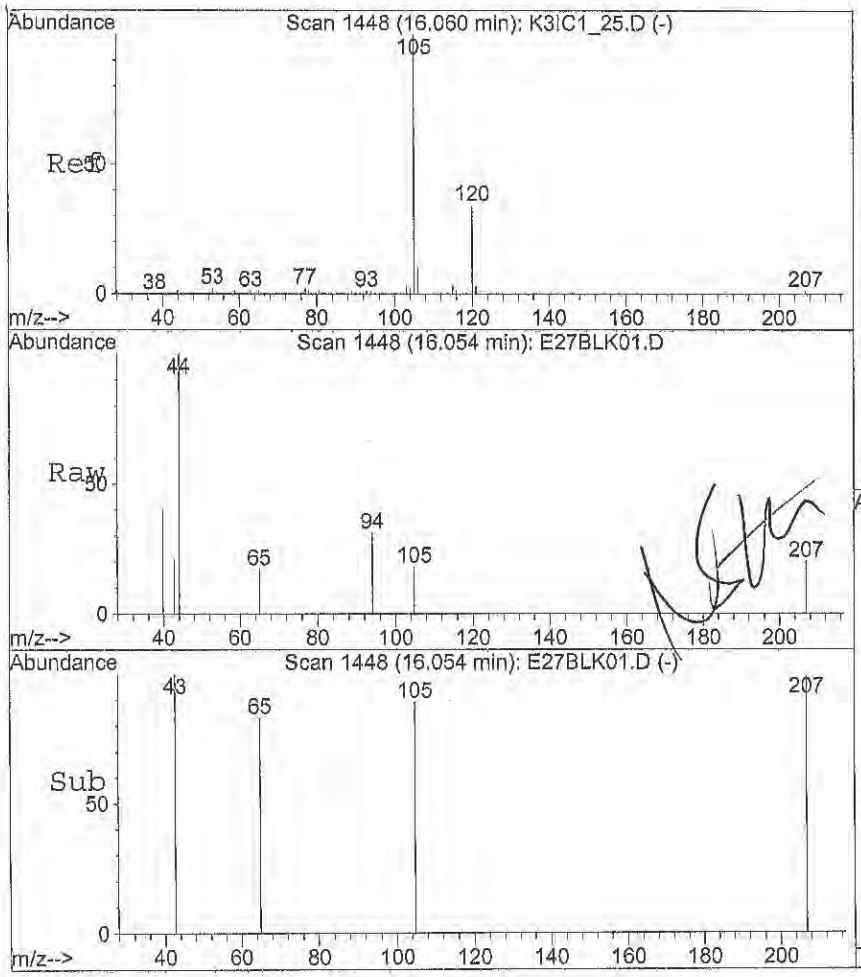


#62
n-Propylbenzene
Concen: 0.05 ug/L
RT: 15.21 min Scan# 1348
Delta R.T. -0.25 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion: 91 Resp: 1331

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

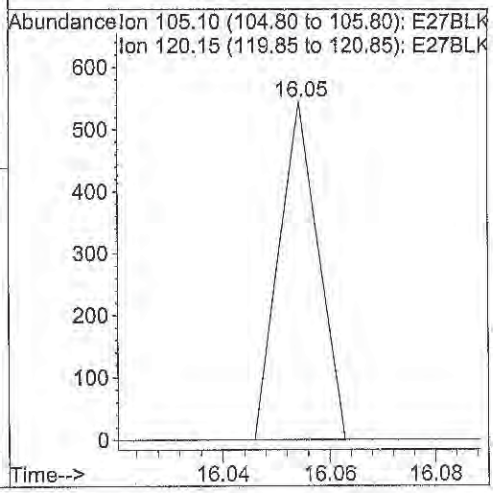


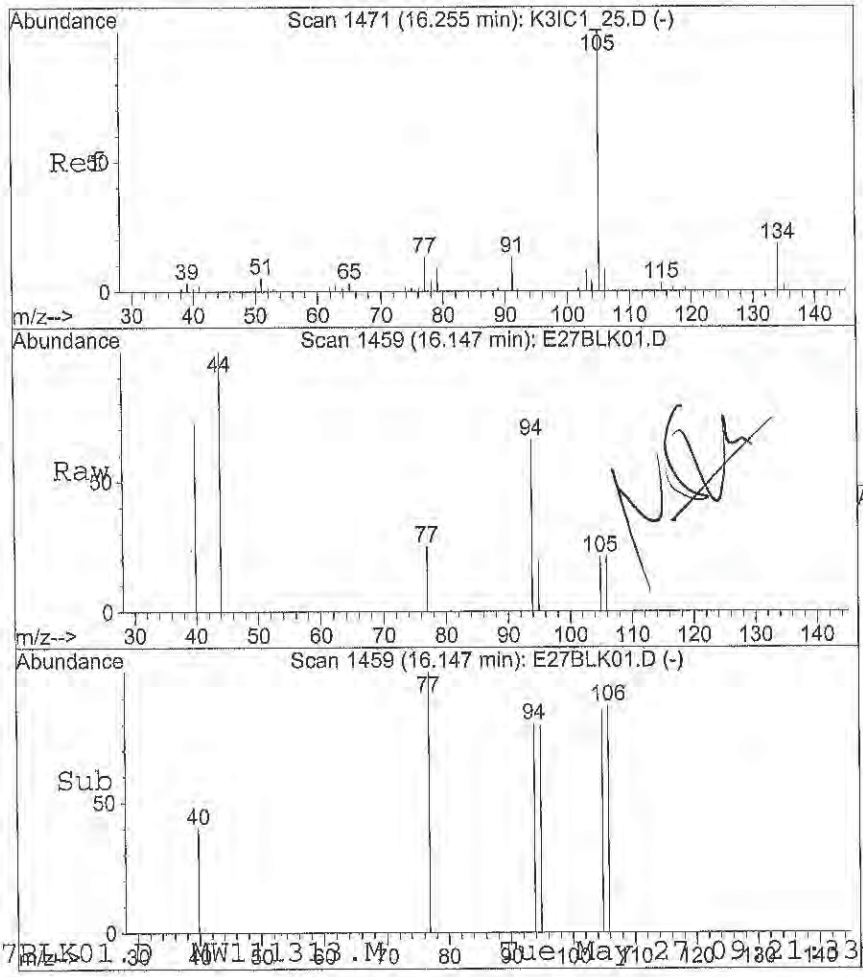


#67
1,2,4-Trimethylbenzene
Concen: 0.02 ug/L
RT: 16.05 min Scan# 1448
Delta R.T. -0.01 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion:105 Resp: 276

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

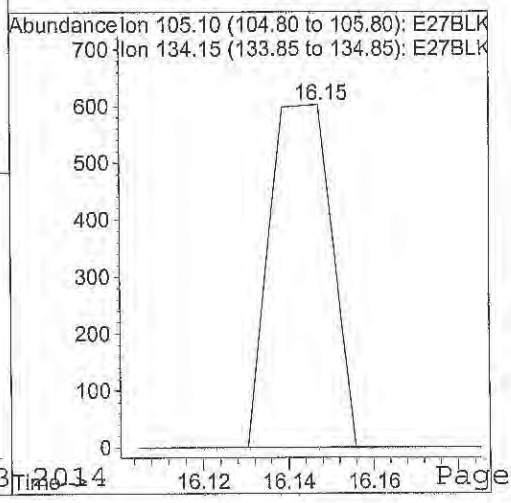


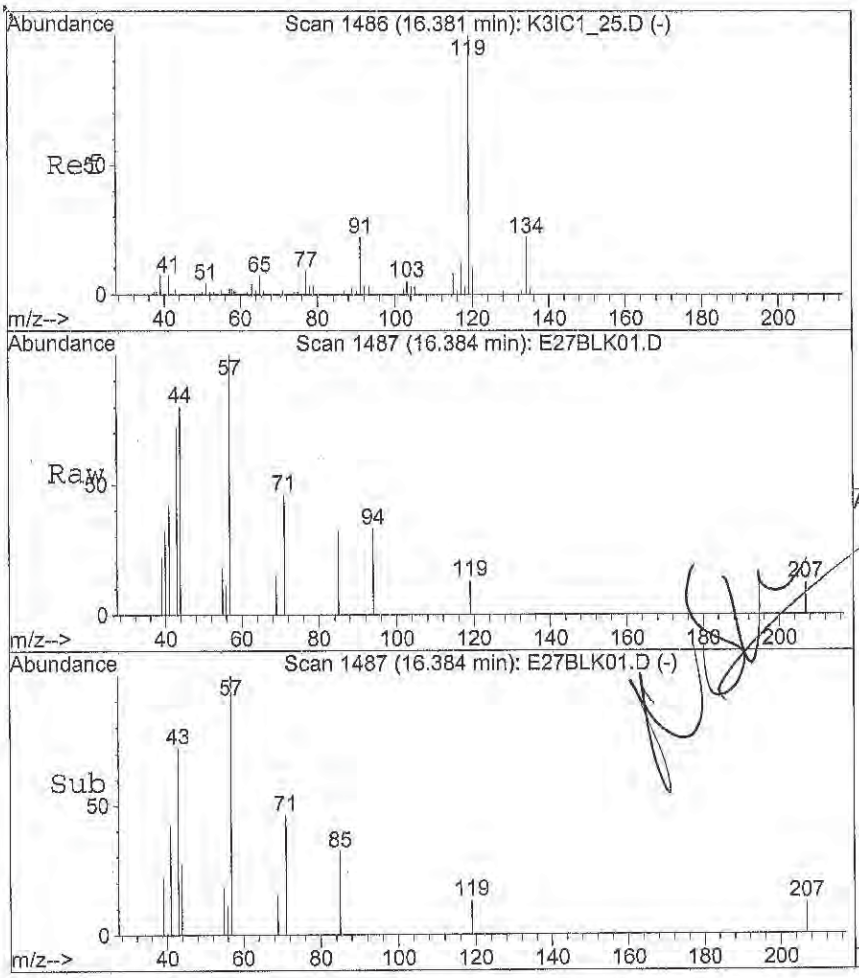


#68
sec-Butylbenzene
Concen: 0.03 ug/L
RT: 16.15 min Scan# 1459
Delta R.T. -0.11 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion:105 Resp: 608

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

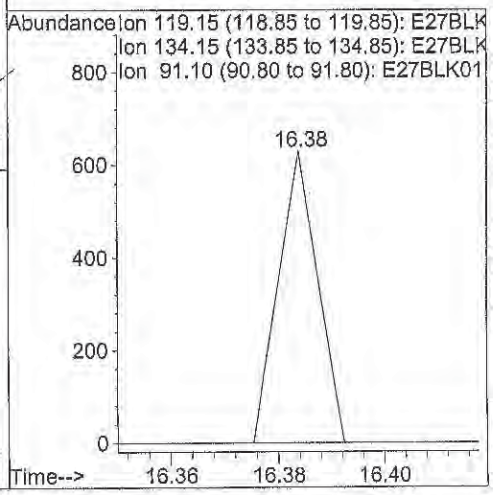




#69
p-Isopropyltoluene
Concen: 0.02 ug/L
RT: 16.38 min Scan# 1487
Delta R.T. 0.00 min
Lab File: E27BLK01.D
Acq: 27 May 2014 9:00 am

Tgt Ion:119 Resp: 319

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27BLK01.D Vial: 11
Acq On : 27 May 2014 9:00 am Operator: DN
Sample : 34E2701-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:27 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1865195	12.50 ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.91	117	1375580	12.50 ug/L	-0.02
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	703693	12.50 ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	509925	10.51 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 84.08%		
3) Chloroform-d (SU6)	9.18	84	816897	11.74 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 93.92%		
4) Methylene Chloride-d2 (SU5	7.07	86	452369	11.12 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 88.96%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	480809	14.50 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 116.00%		
6) Benzene-d6 (SU7)	9.92	84	1592976	10.88 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 87.04%		
8) Toluene-d8 (SU3)	12.20	98	1606996	12.31 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 98.48%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	718155	13.33 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 106.64%		

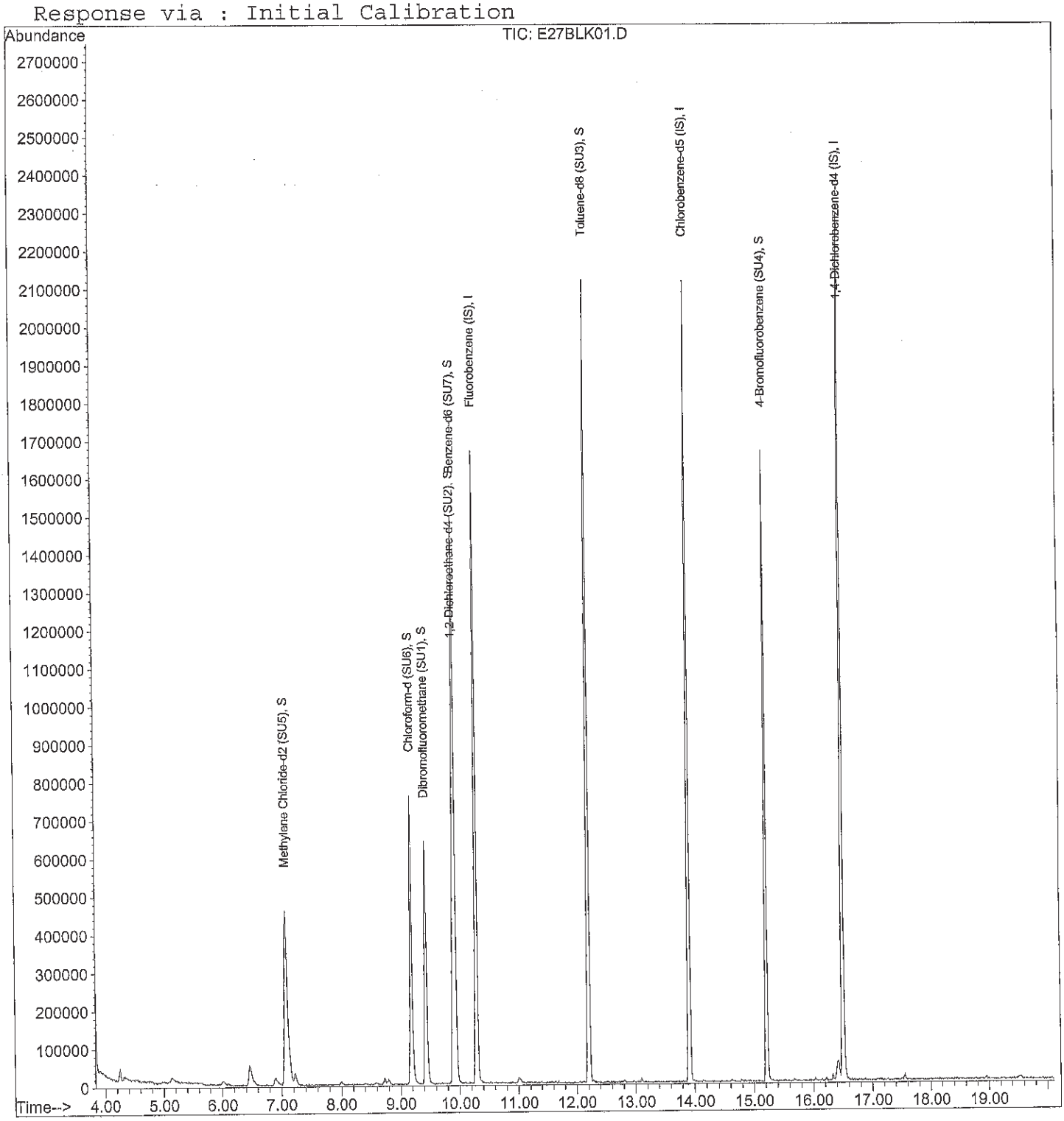
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E27BLK01.D Vial: 11
Acq On : 27 May 2014 9:00 am Operator: DN
Sample : 34E2701-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:27 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



RAW DATA FOR ANALYZED SAMPLES INCLUDING CHROMATOGRAMS, QUANTITATION REPORTS AND SPECTRA

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700001.D Vial: 11
Acq On : 27 May 2014 9:29 am Operator: DN
Sample : 3E42701-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:55 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1669603	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1275583	12.50 ug/L	-0.01
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	659835	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	469086	11.26 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 90.08%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	473095	11.95 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 95.60%		
39) Toluene-d8 (SU3)	12.21	98	1415096	11.89 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 95.12%		
58) 4-Bromofluorobenzene (SU4)	15.21	95	684561	13.12 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 104.96%		

Target Compounds					Qvalue
4) Chloromethane	4.40	50	4829	0.50 ~~ug/L~~	61
6) Bromomethane	5.14	96	3104	-0.09 ~~ug/L~~	98
7) Chloroethane	5.15	64	2088	2.19 ~~ug/L~~	99
11) Acetone	6.46	58	24206	42.99 ~~ug/L~~	82
12) (IPA) Leak Check Compound	6.50	45	49904	248.74 ~~ug/L~~	82
14) Methylene Chloride	7.08	84	7521	1.64 ~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.90	59	3155	11.08 ~~ug/L~~ #	77
20) 2,2-Dichloropropane	8.93	77	265	0.04 ~~ug/L~~ #	36
21) (MEK) 2-Butanone	8.79	72	1596	3.40 ~~ug/L~~ #	1
24) Chloroform	9.22	83	1182	0.14 ~~ug/L~~ #	18
31) Benzene	9.93	78	11816	0.75 ~~ug/L~~ #	74
32) 1,2-Dichloroethane	9.93	62	7140	1.28 ~~ug/L~~ #	1
34) 1,2-Dichloropropane	11.02	63	353	0.09 ~~ug/L~~ #	34
40) (MIBK) 4-Methyl-2-Pentanon	12.13	43	256	0.10 ~~ug/L~~ #	100
41) Toluene	12.29	91	1407	0.08 ~~ug/L~~ #	72
46) 2-Hexanone	12.97	43	2260	0.81 ~~ug/L~~ #	70
51) Ethylbenzene	14.03	91	517	0.03 ~~ug/L~~ #	45
54) Styrene	14.63	104	1203	-0.76 ~~ug/L~~ #	39
56) Isopropylbenzene	15.21	105	1284	0.07 ~~ug/L~~ #	1
62) n-Propylbenzene	15.21	91	2236	0.08 ~~ug/L~~ #	56
67) 1,2,4-Trimethylbenzene	16.15	105	383	0.02 ~~ug/L~~ #	33
68) sec-Butylbenzene	16.15	105	383	0.02 ~~ug/L~~ #	62

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700001.D Vial: 11
Acq On : 27 May 2014 9:29 am Operator: DN
Sample : 3E42701-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:55 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

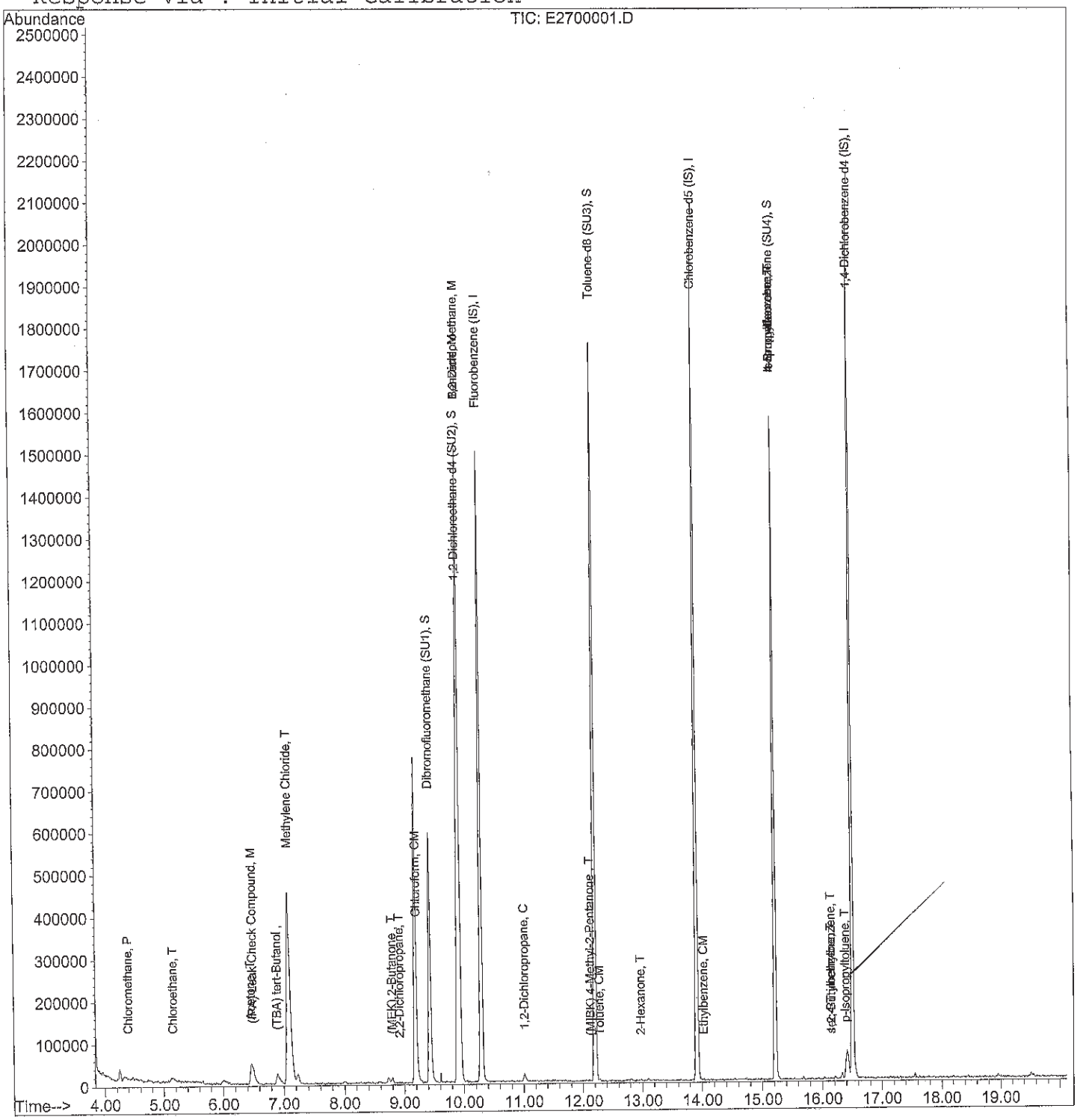
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69) p-Isopropyltoluene	16.38	119	415	0.02 ~~ug/L~~	52

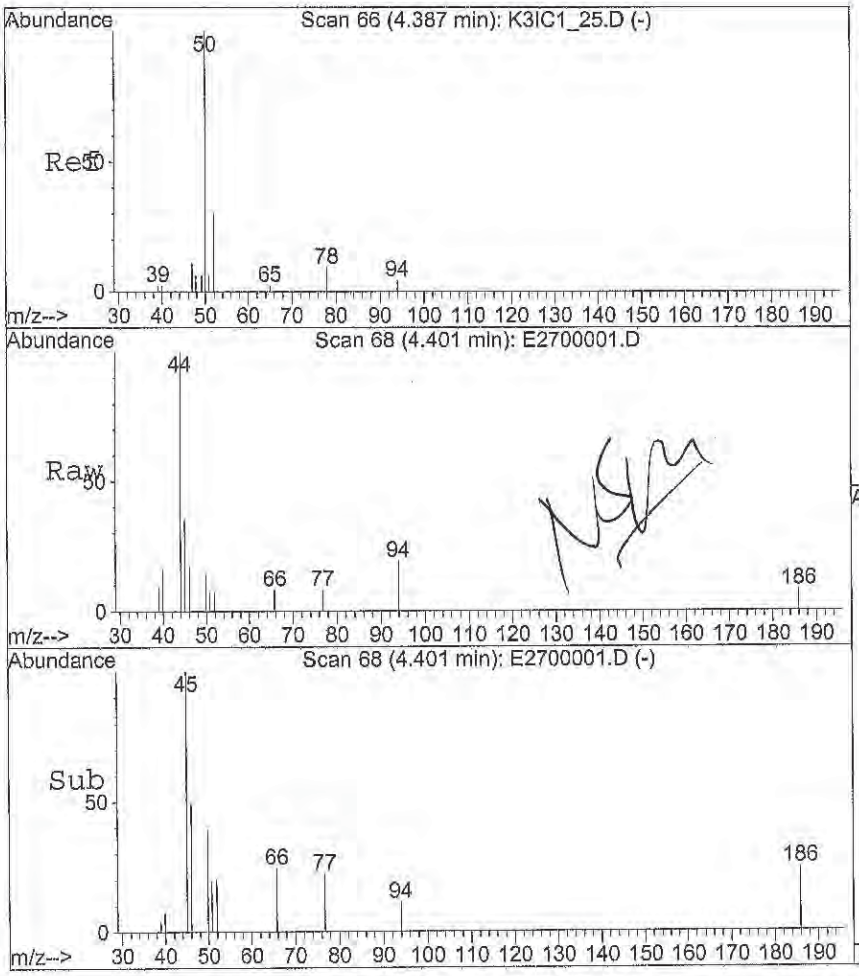
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700001.D Vial: 11
Acq On : 27 May 2014 9:29 am Operator: DN
Sample : 3E42701-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:55 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

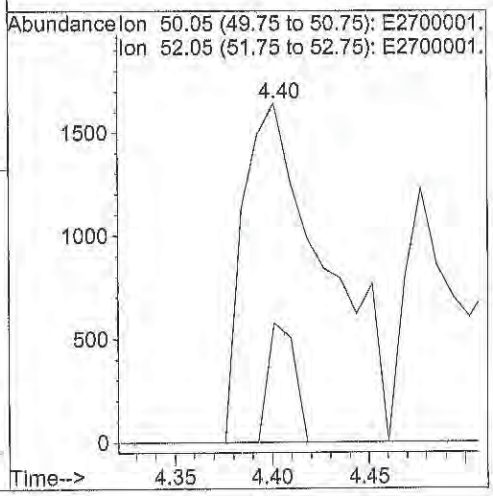


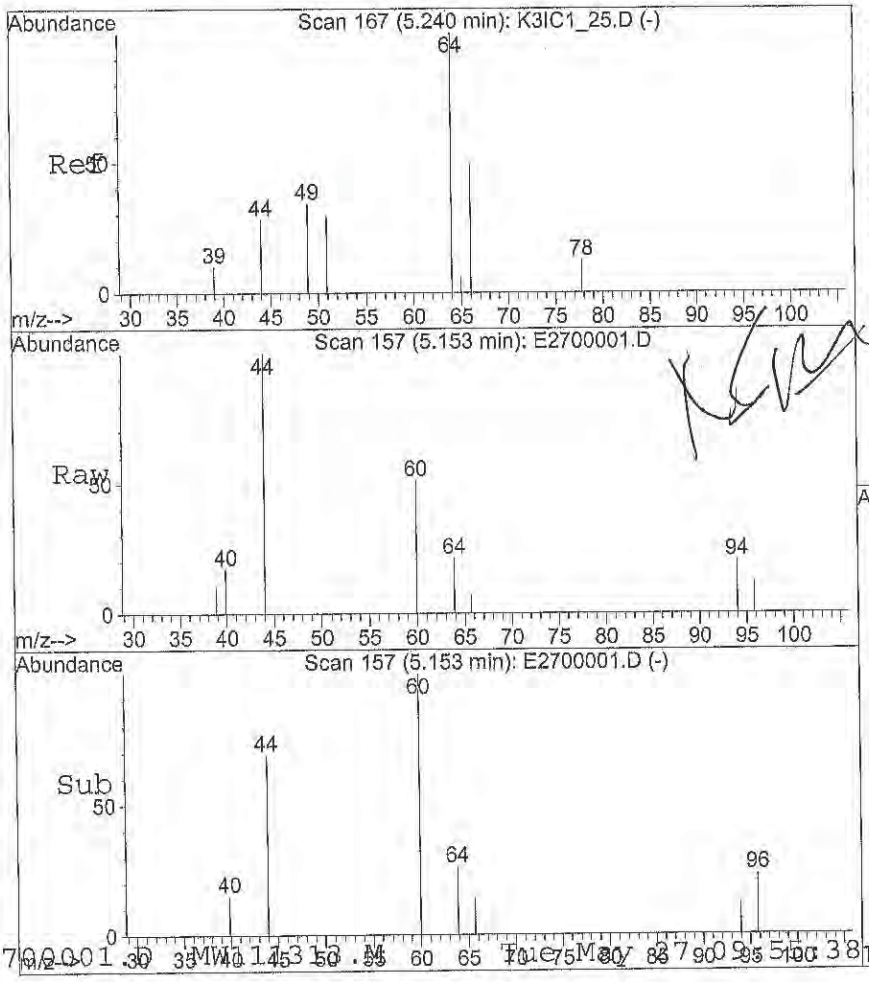


#4
Chloromethane
Concen: 0.50 ug/L
RT: 4.40 min Scan# 68
Delta R.T. 0.01 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 50 Resp: 4829

Ion	Ratio	Lower	Upper
50	100		
52	11.3	26.9	40.3#

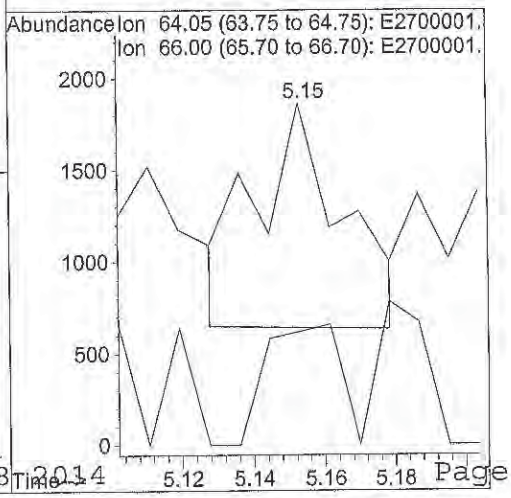


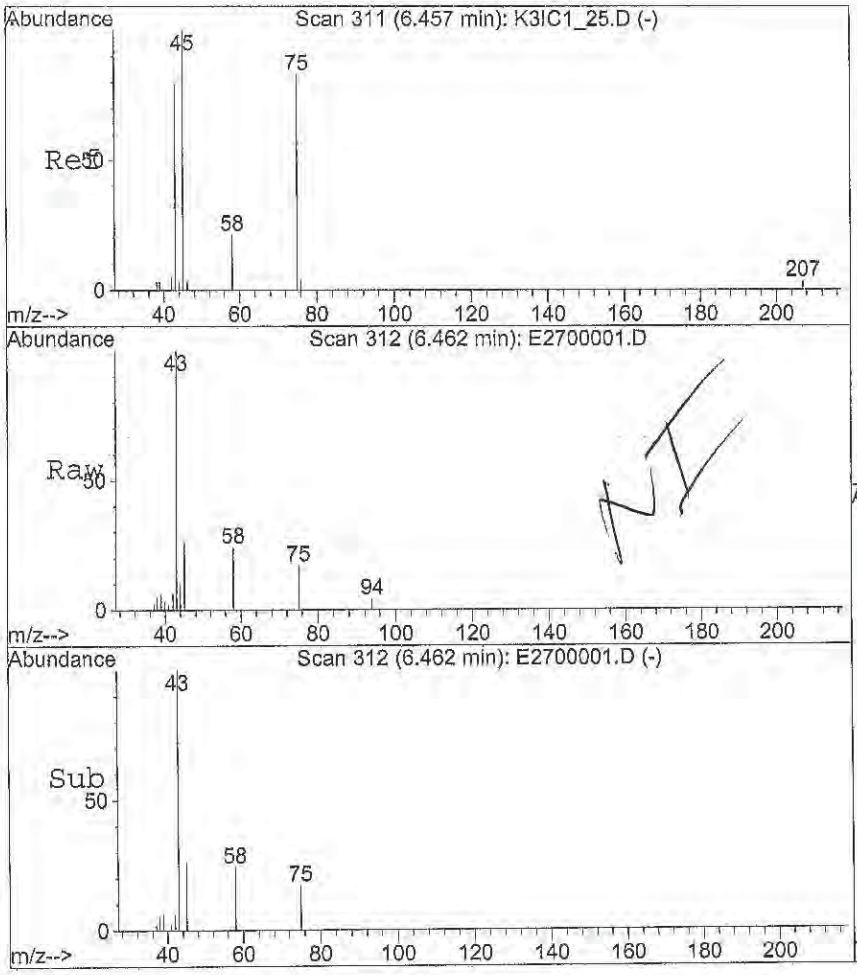


#7
Chloroethane
Concen: 2.19 ug/L
RT: 5.15 min Scan# 157
Delta R.T. -0.09 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 64 Resp: 2088

Ion	Ratio	Lower	Upper
64	100		
66	45.1	35.4	53.0

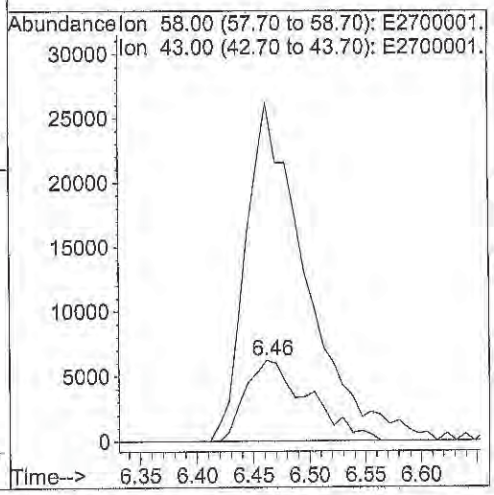


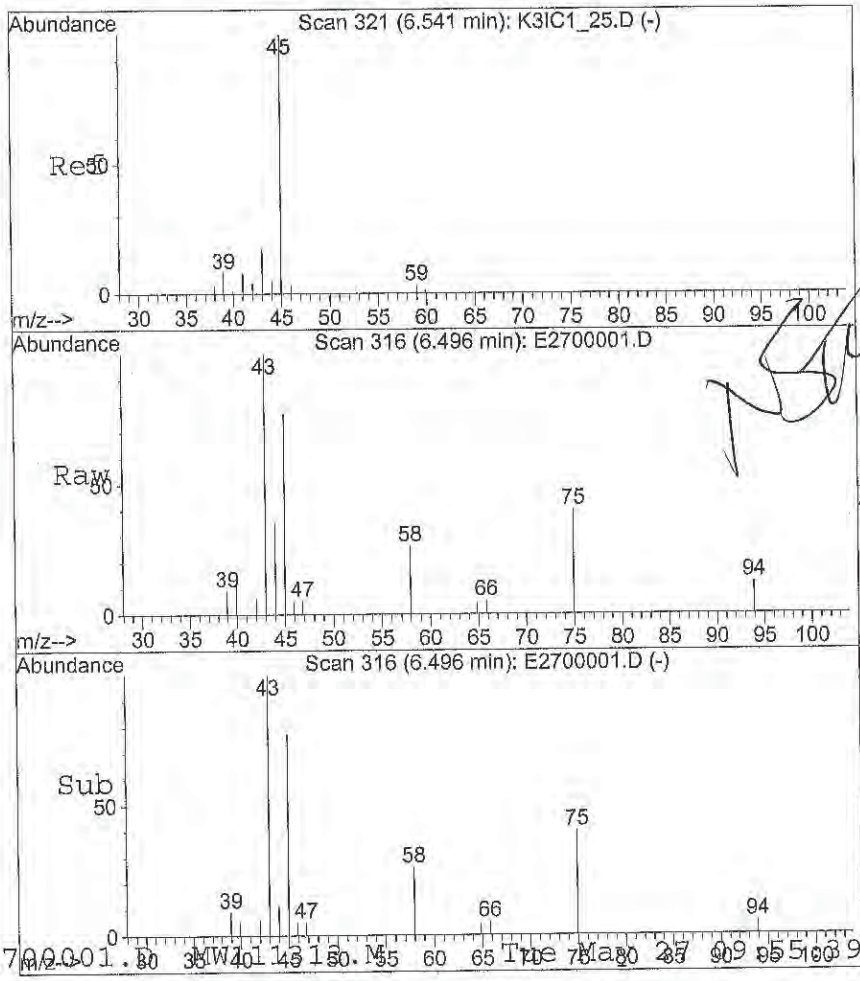


#11
Acetone
Concen: 42.99 ug/L
RT: 6.46 min Scan# 312
Delta R.T. 0.01 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 58 Resp: 24206

Ion	Ratio	Lower	Upper
58	100		
43	404.5	360.9	541.3

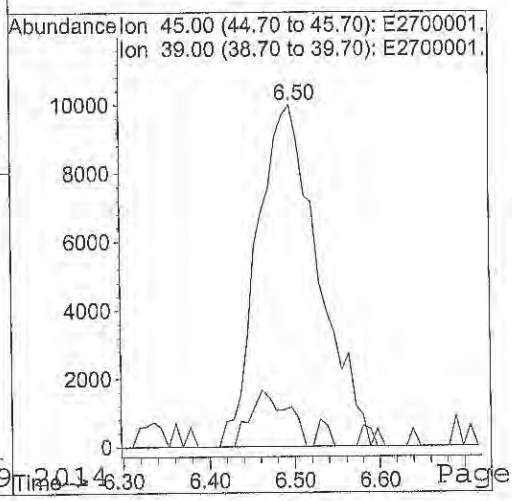


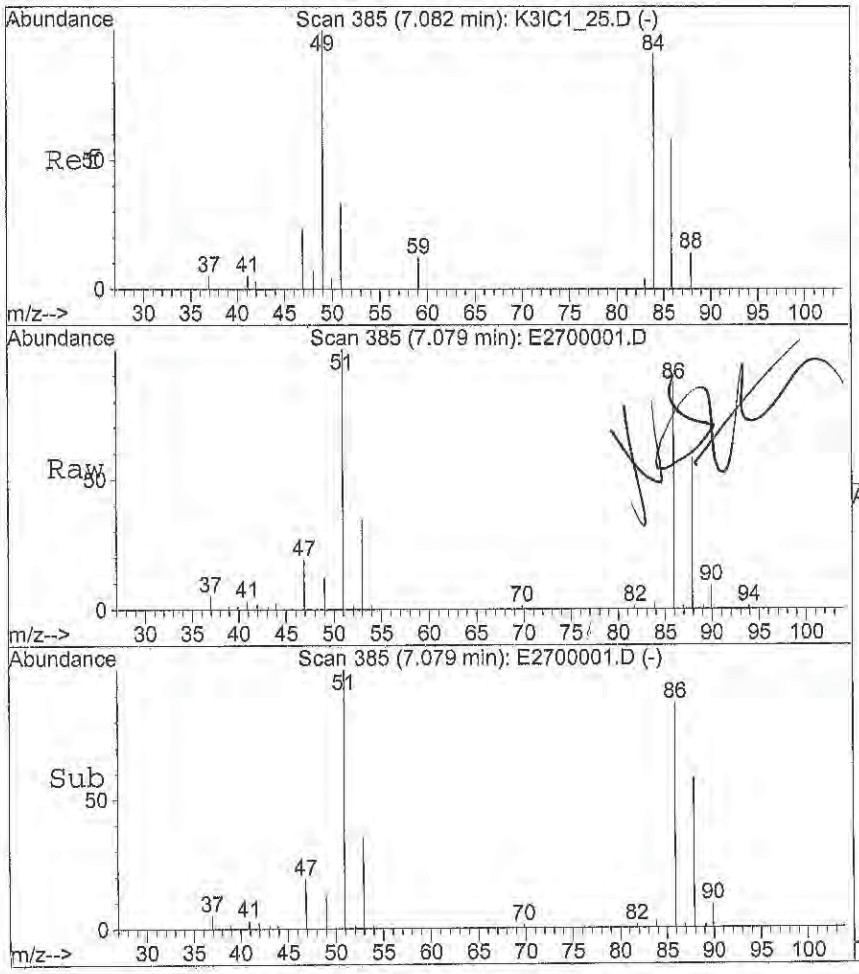


#12
(IPA) Leak Check Compound
Concen: 248.74 ug/L
RT: 6.50 min Scan# 316
Delta R.T. -0.04 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 45 Resp: 49904

Ion	Ratio	Lower	Upper
45	100		
39	0.0	4.9	7.3#

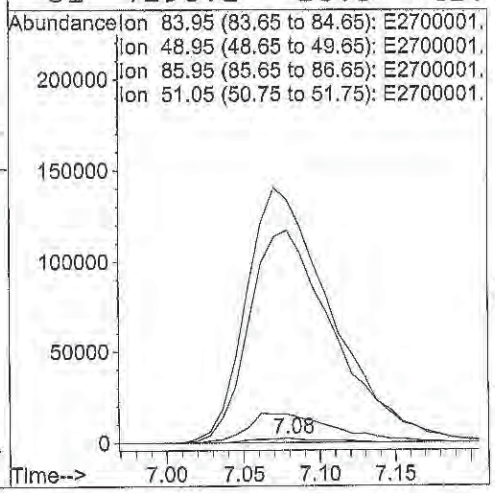


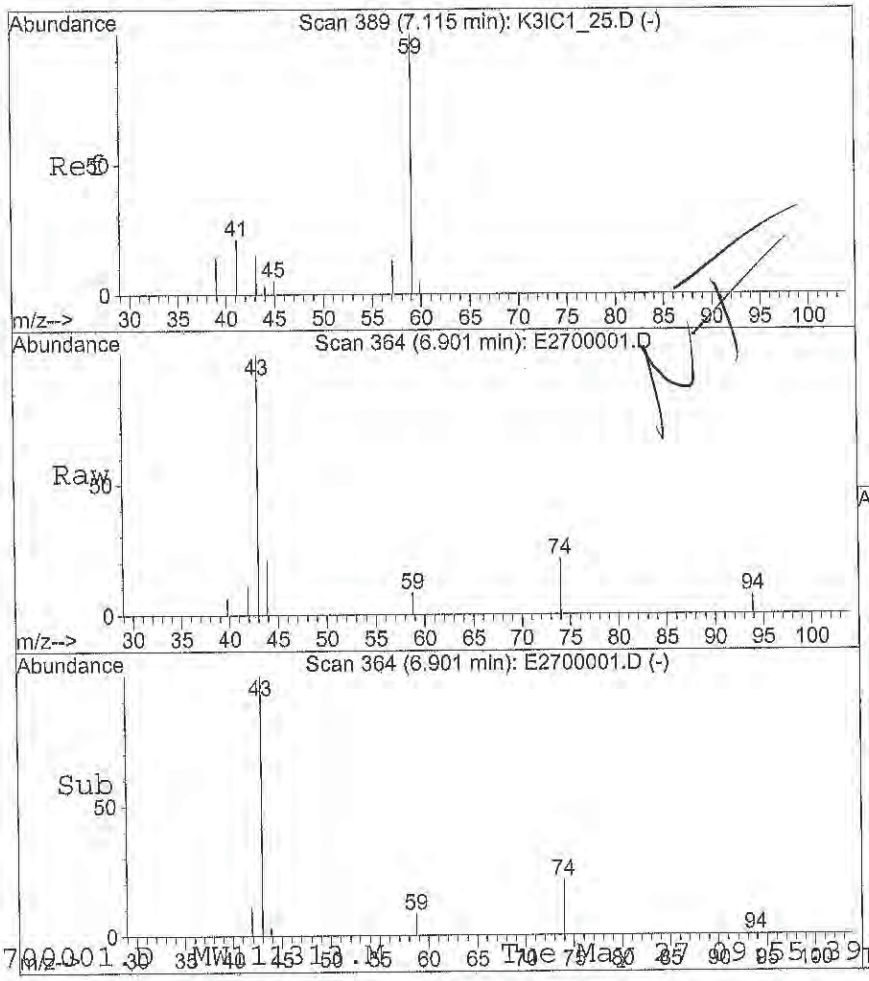


#14
Methylene Chloride
Concen: 1.64 ug/L
RT: 7.08 min Scan# 385
Delta R.T. -0.00 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 84 Resp: 7521

Ion	Ratio	Lower	Upper
84	100		
49	839.0	89.8	134.6#
86	6110.1	51.1	76.7#
51	7296.1	28.5	42.7#

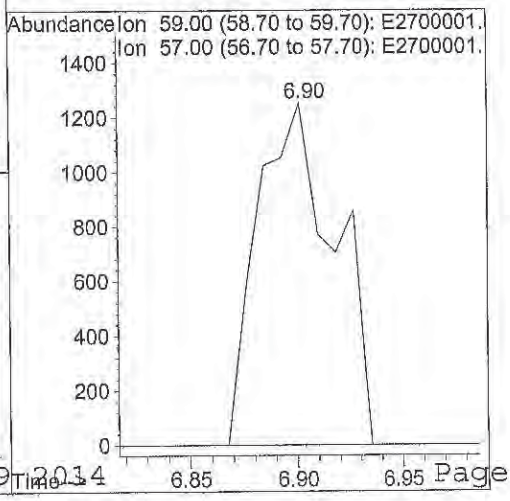


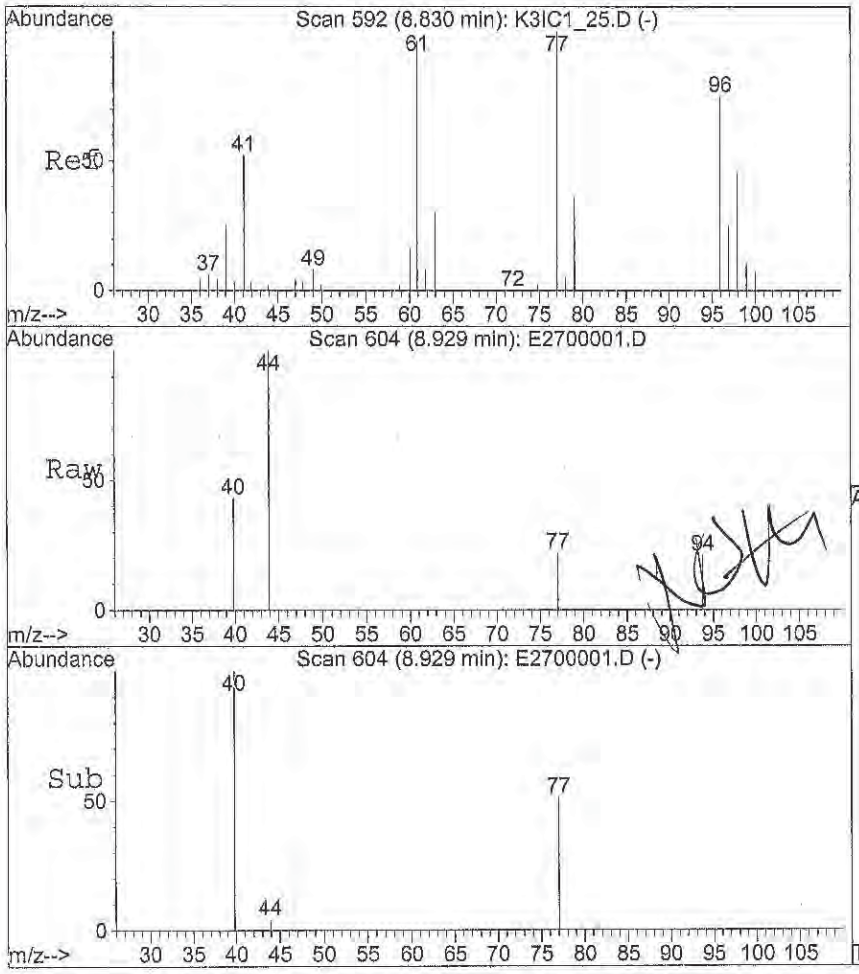


#15
(TBA) tert-Butanol
Concen: 11.08 ug/L
RT: 6.90 min Scan# 364
Delta R.T. -0.21 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 59 Resp: 3155

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

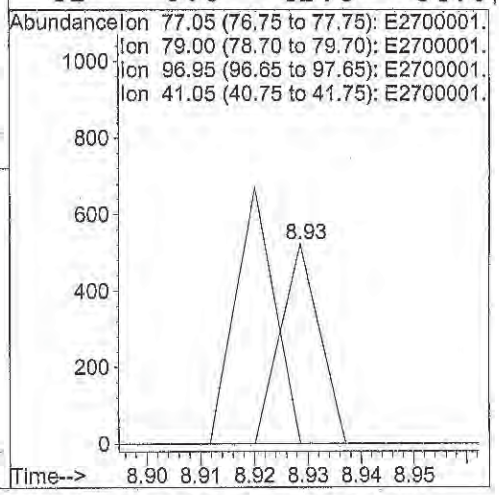


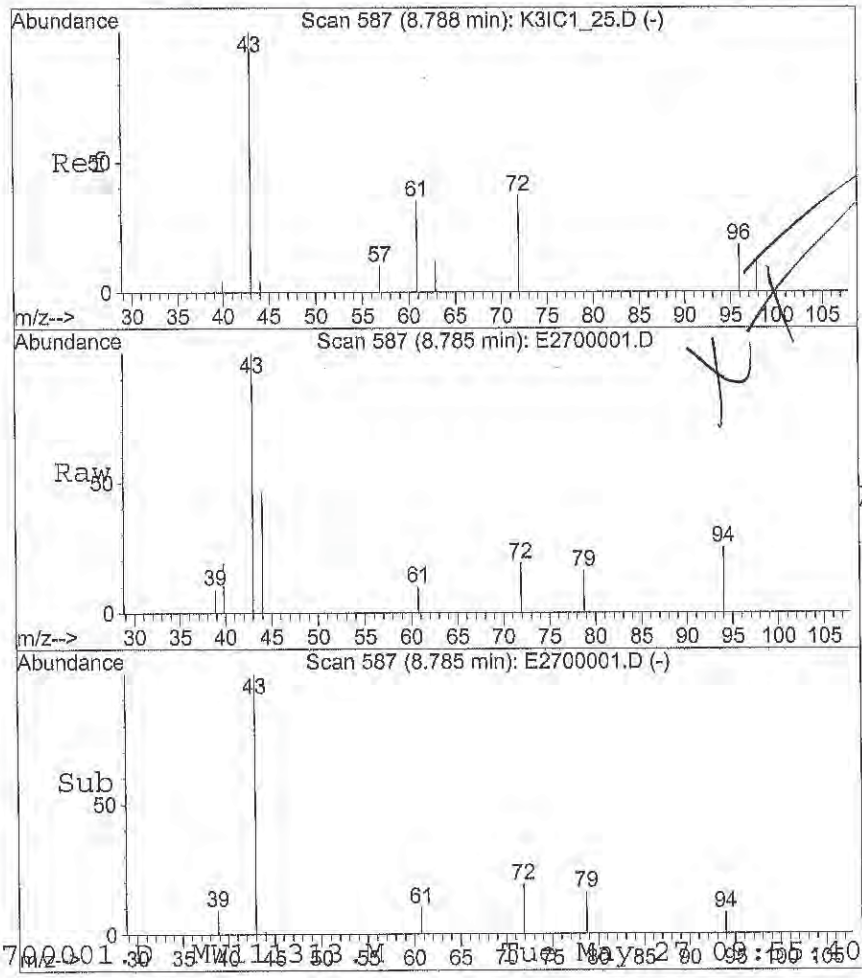


#20
2,2-Dichloropropane
Concen: 0.04 ug/L
RT: 8.93 min Scan# 604
Delta R.T. 0.10 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 77 Resp: 265

Ion	Ratio	Lower	Upper
77	100		
79	0.0	26.6	40.0#
97	0.0	18.9	28.3#
41	0.0	42.6	64.0#

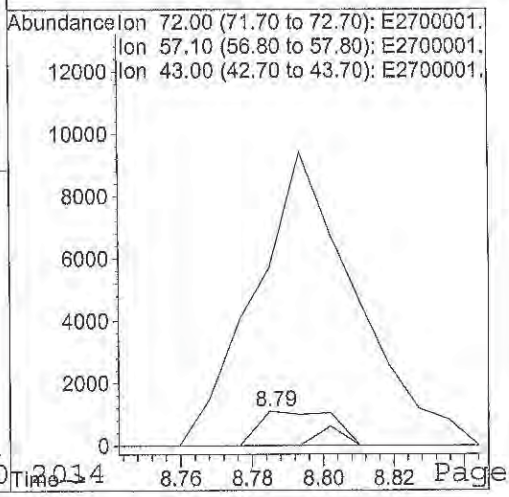


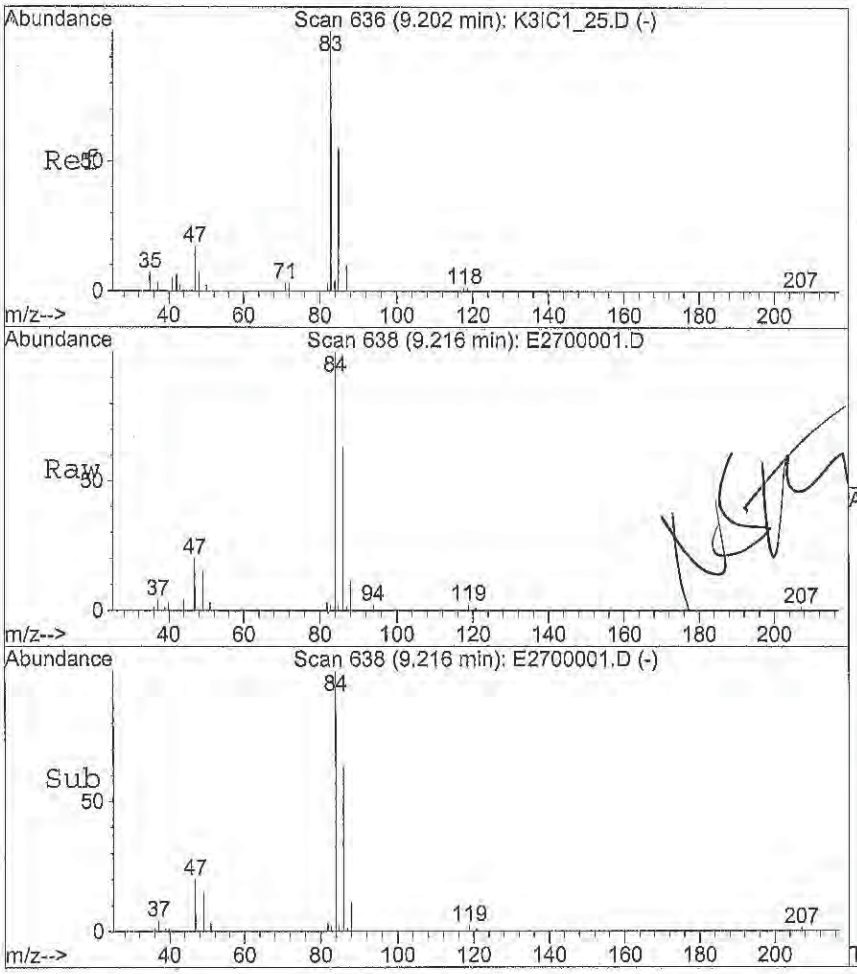


#21
(MEK) 2-Butanone
Concen: 3.40 ug/L
RT: 8.79 min Scan# 587
Delta R.T. -0.00 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 72 Resp: 1596

Ion	Ratio	Lower	Upper
72	100		
57	19.4	17.5	26.3
43	1165.0	314.2	471.2#

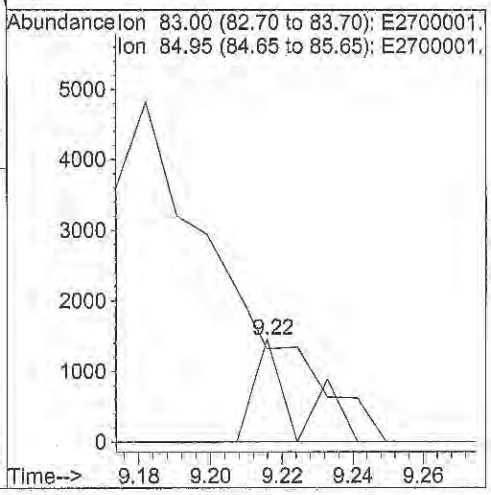


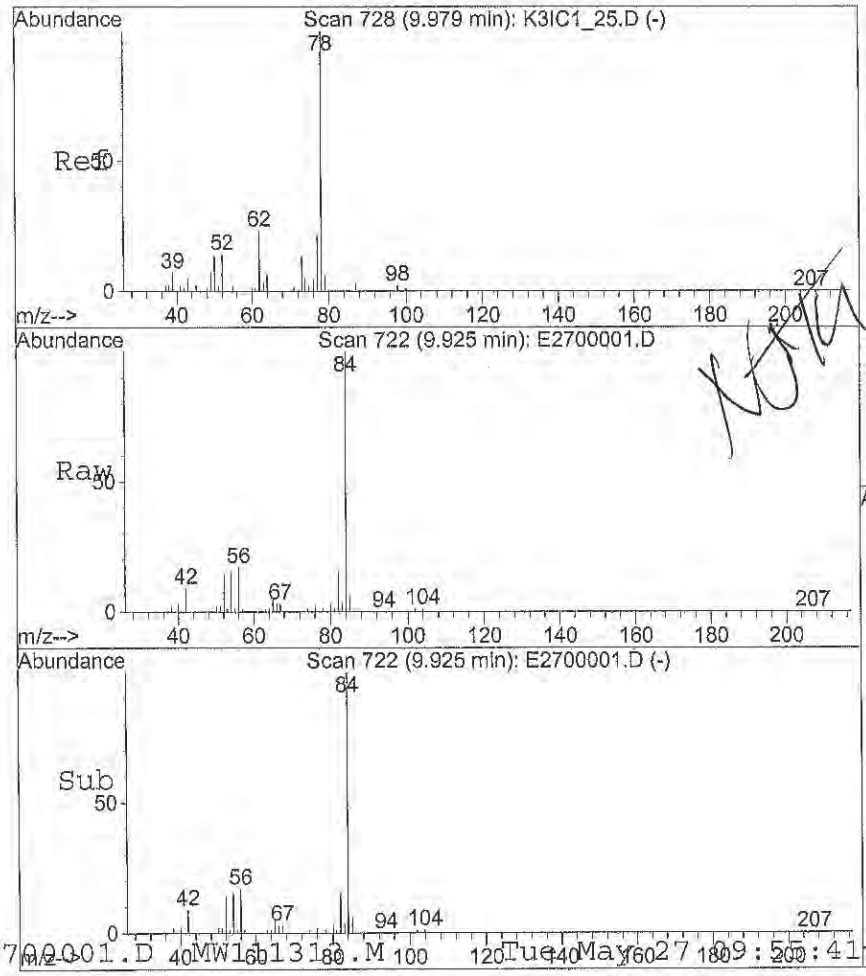


#24
Chloroform
Concen: 0.14 ug/L
RT: 9.22 min Scan# 638
Delta R.T. 0.01 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 83 Resp: 1182

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

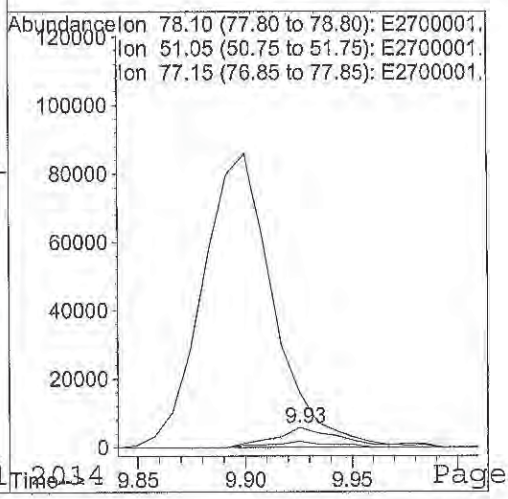


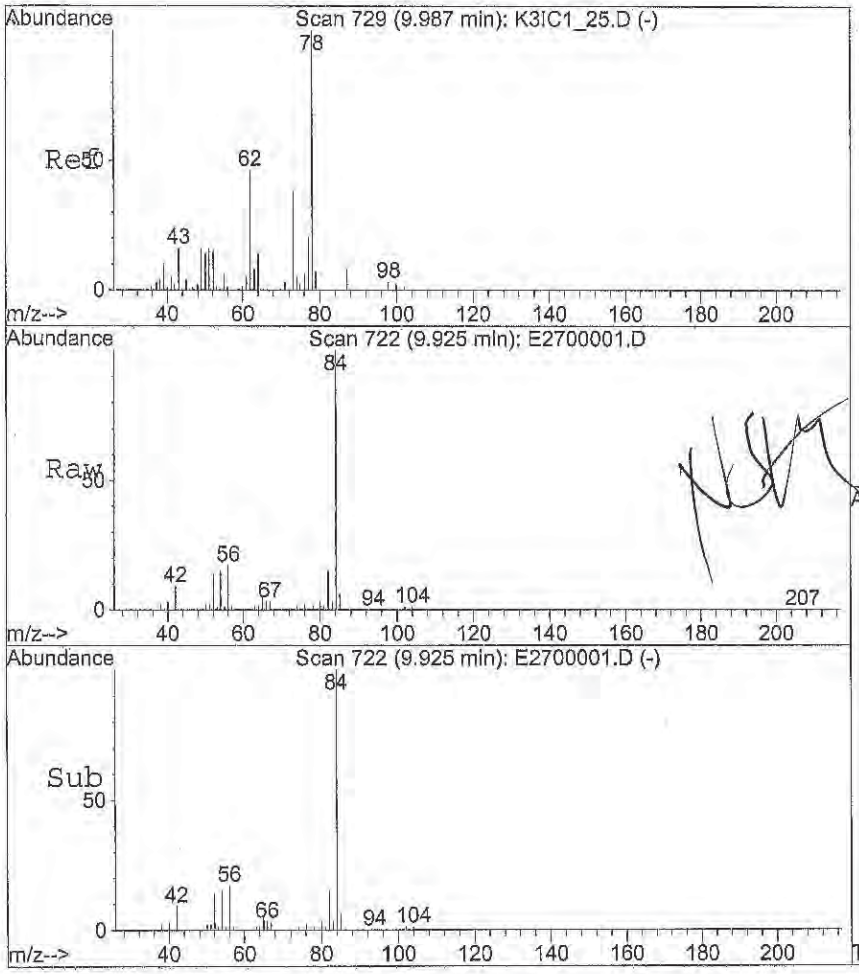


#31
Benzene
Concen: 0.75 ug/L
RT: 9.93 min Scan# 722
Delta R.T. -0.05 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 78 Resp: 11816

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	26.9	16.6	24.8#

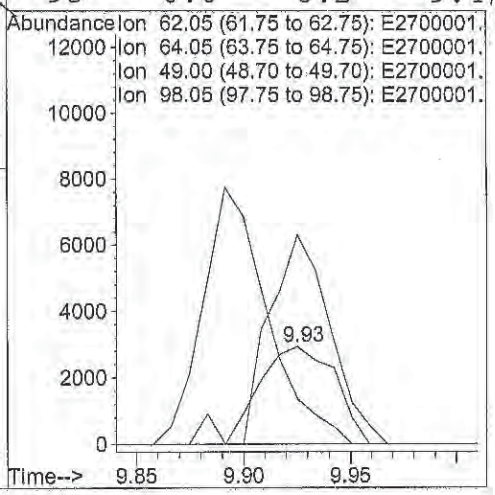


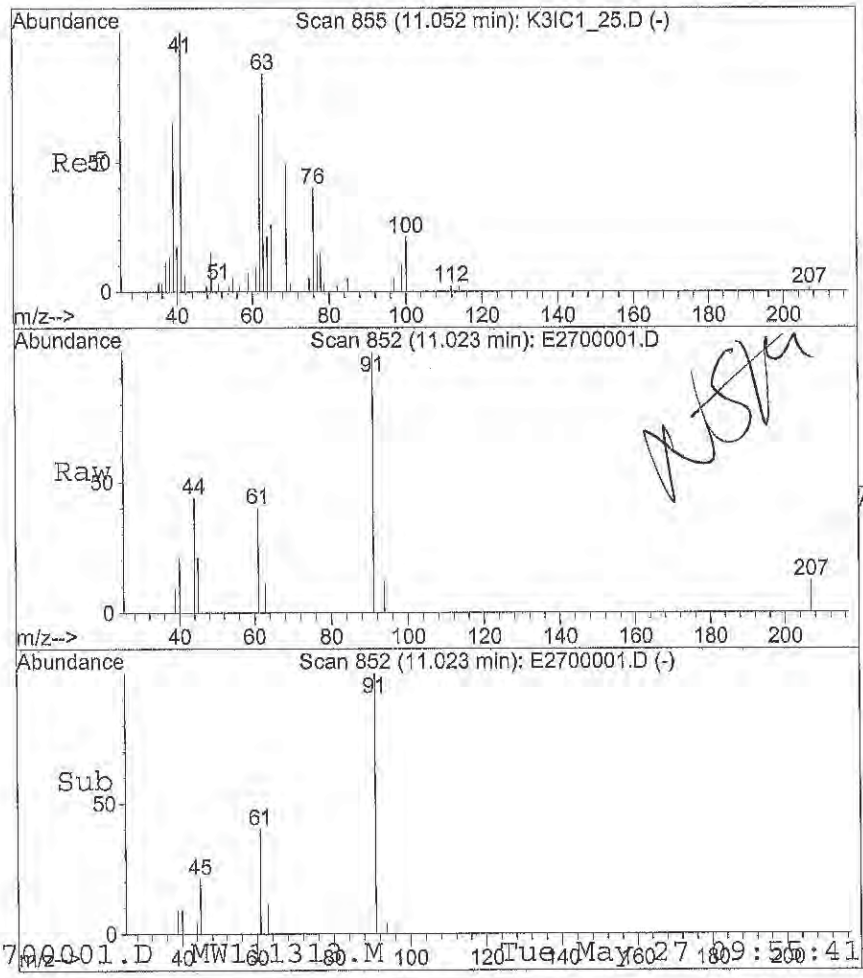


#32
1,2-Dichloroethane
Concen: 1.28 ug/L
RT: 9.93 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 62 Resp: 7140

Ion	Ratio	Lower	Upper
62	100		
64	180.2	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

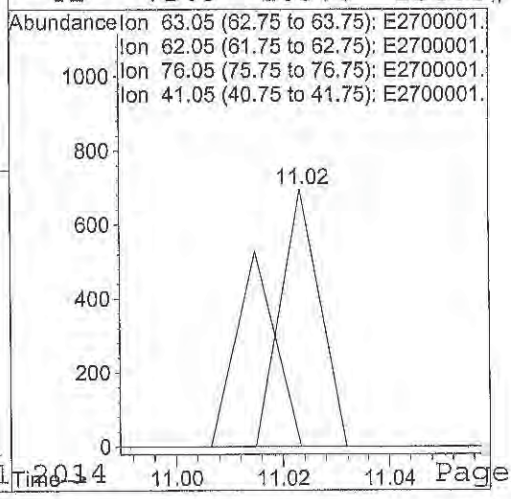


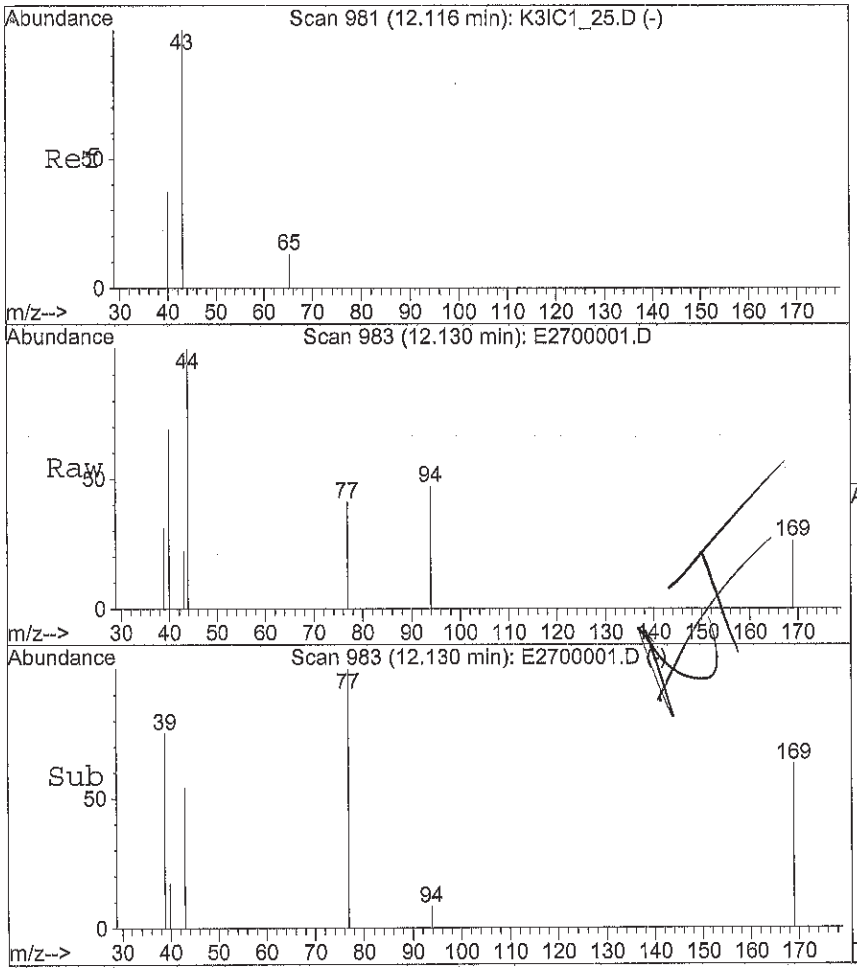


#34
1,2-Dichloropropane
Concen: 0.09 ug/L
RT: 11.02 min Scan# 852
Delta R.T. -0.03 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 63 Resp: 353

Ion	Ratio	Lower	Upper
63	100		
62	0.0	67.4	101.2#
76	0.0	40.3	60.5#
41	75.9	103.0	154.6#

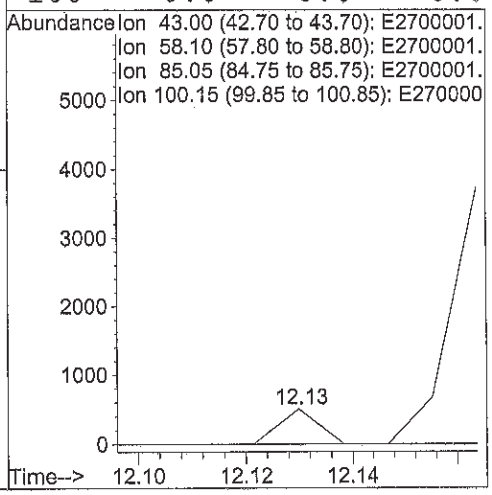


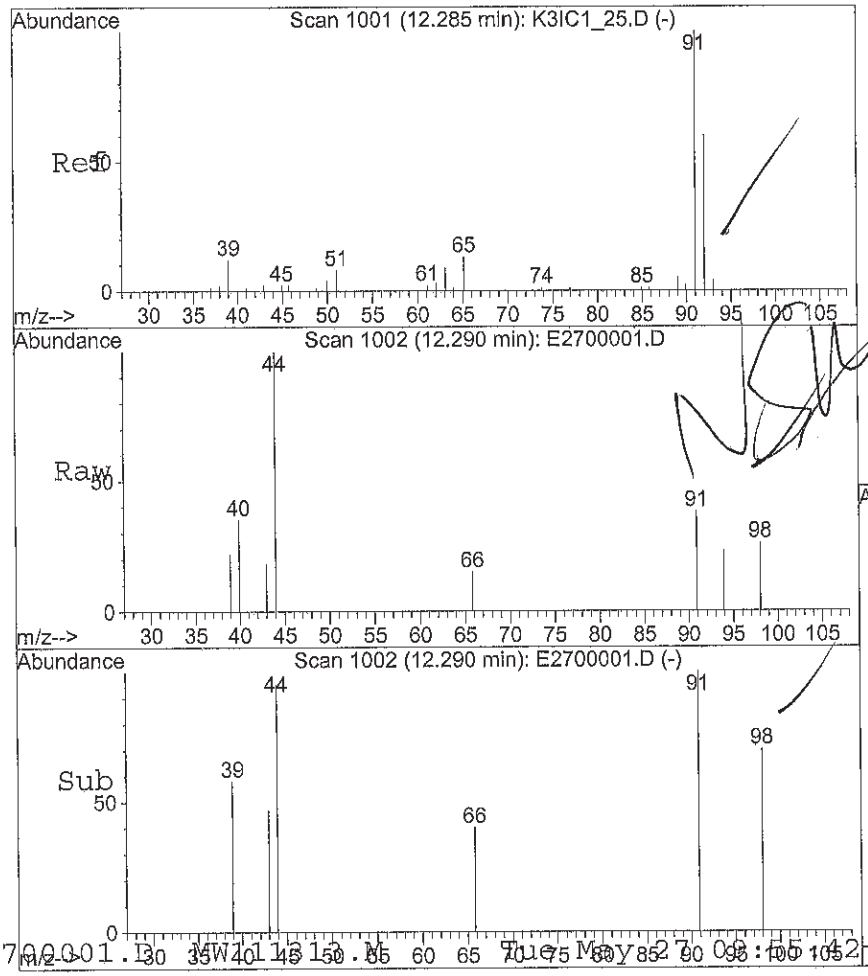


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 0.10 ug/L
RT: 12.13 min Scan# 983
Delta R.T. 0.01 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 43 Resp: 256

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	0.0
85	0.0	0.0	0.0
100	0.0	0.0	0.0

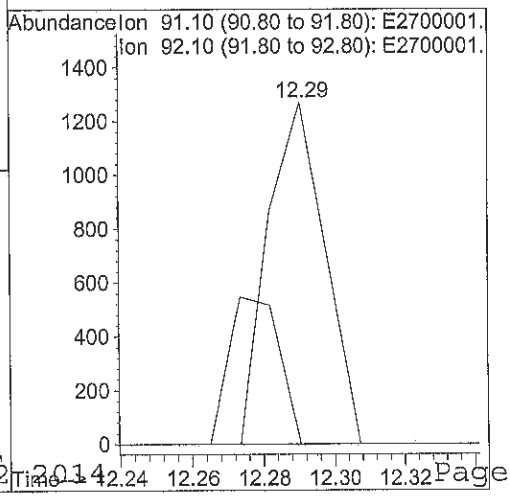


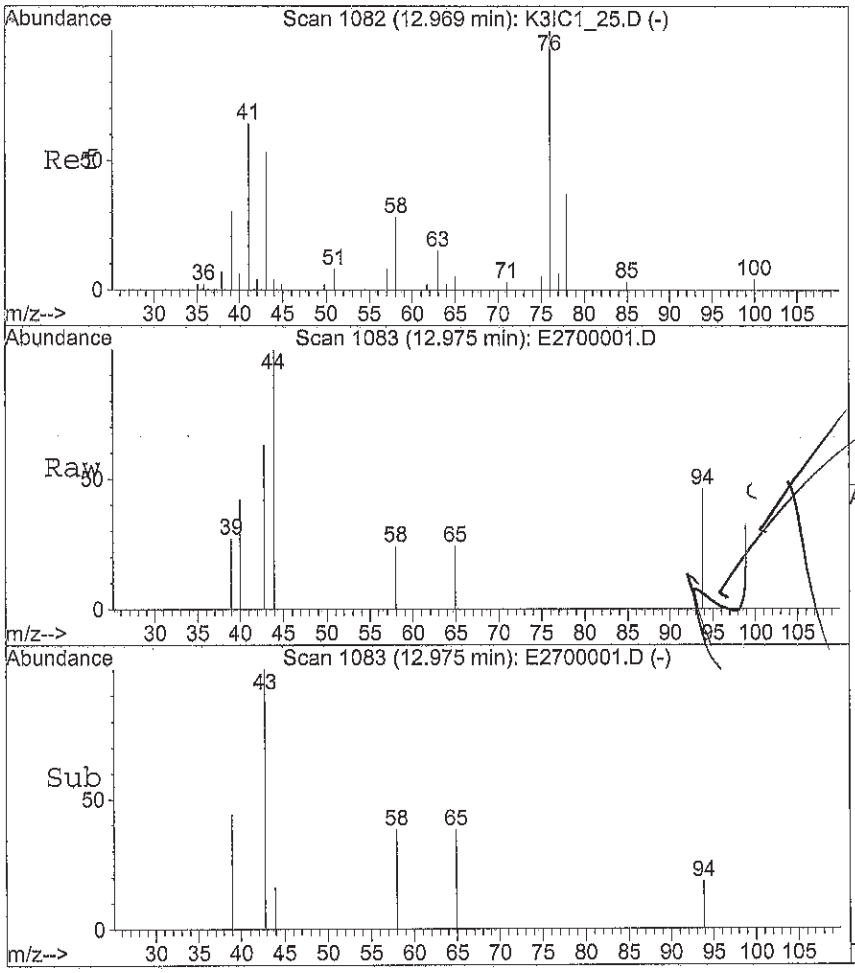


#41
Toluene
Concen: 0.08 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.01 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 91 Resp: 1407

Ion	Ratio	Lower	Upper
91	100		
92	38.3	47.4	71.0#

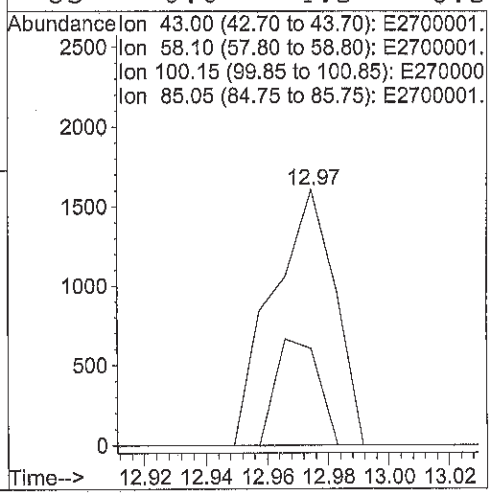


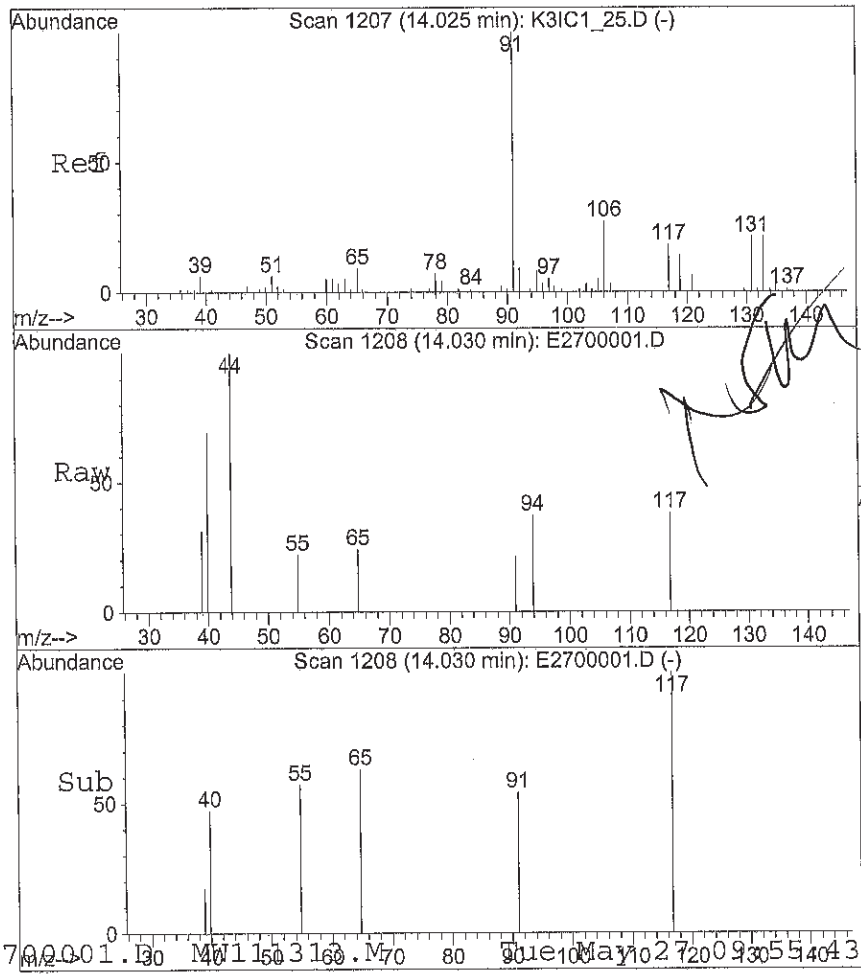


#46
2-Hexanone
Concen: 0.81 ug/L
RT: 12.97 min Scan# 1083
Delta R.T. 0.01 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 43 Resp: 2260

Ion	Ratio	Lower	Upper
43	100		
58	28.4	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

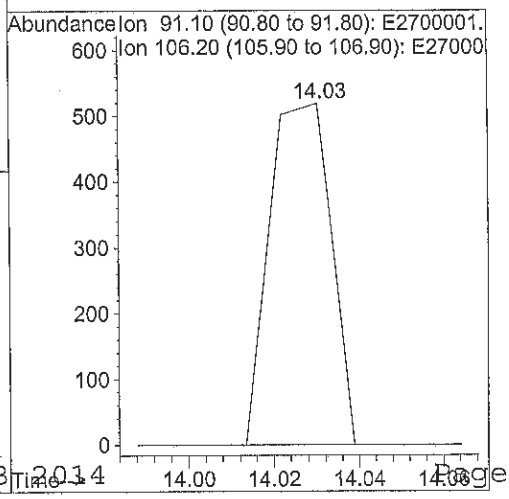


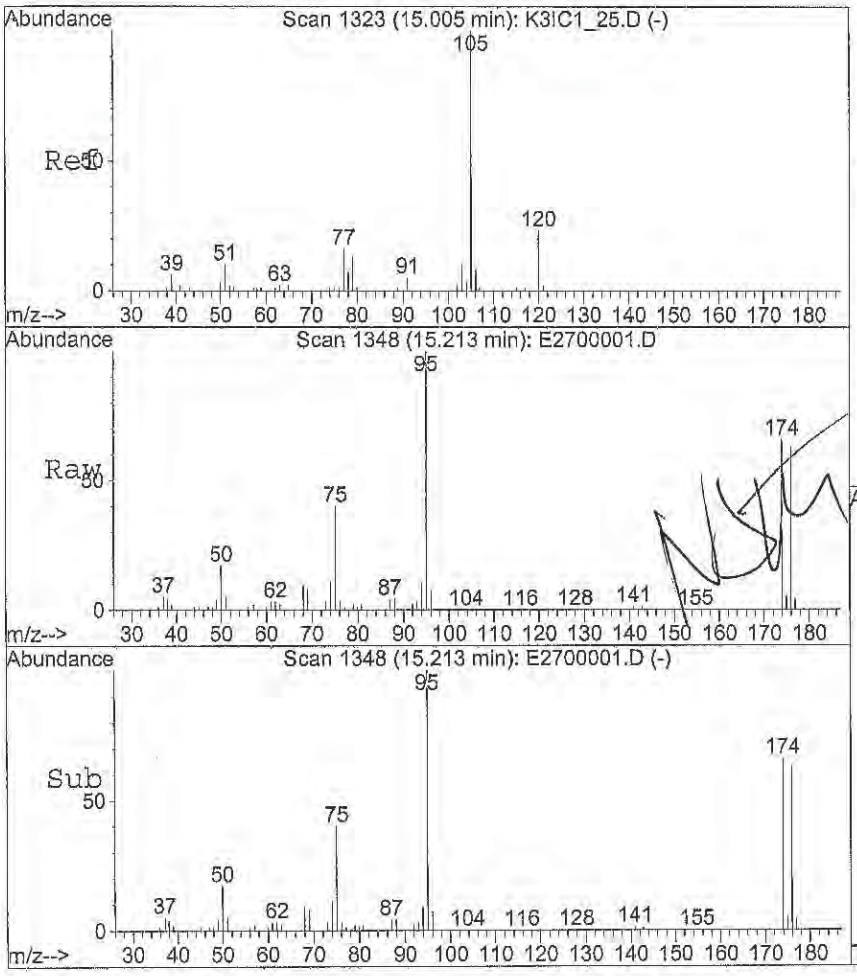


#51
Ethylbenzene
Concen: 0.03 ug/L
RT: 14.03 min Scan# 1208
Delta R.T. 0.01 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 91 Resp: 517

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

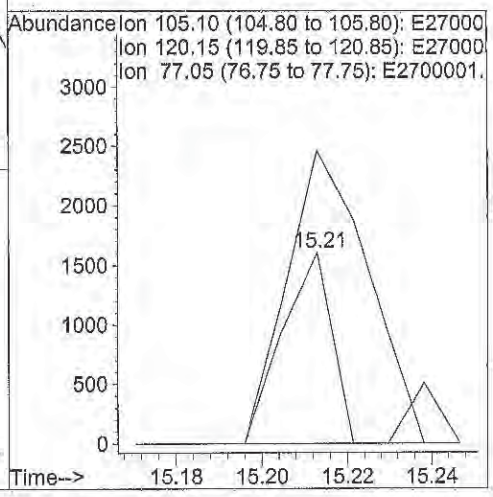


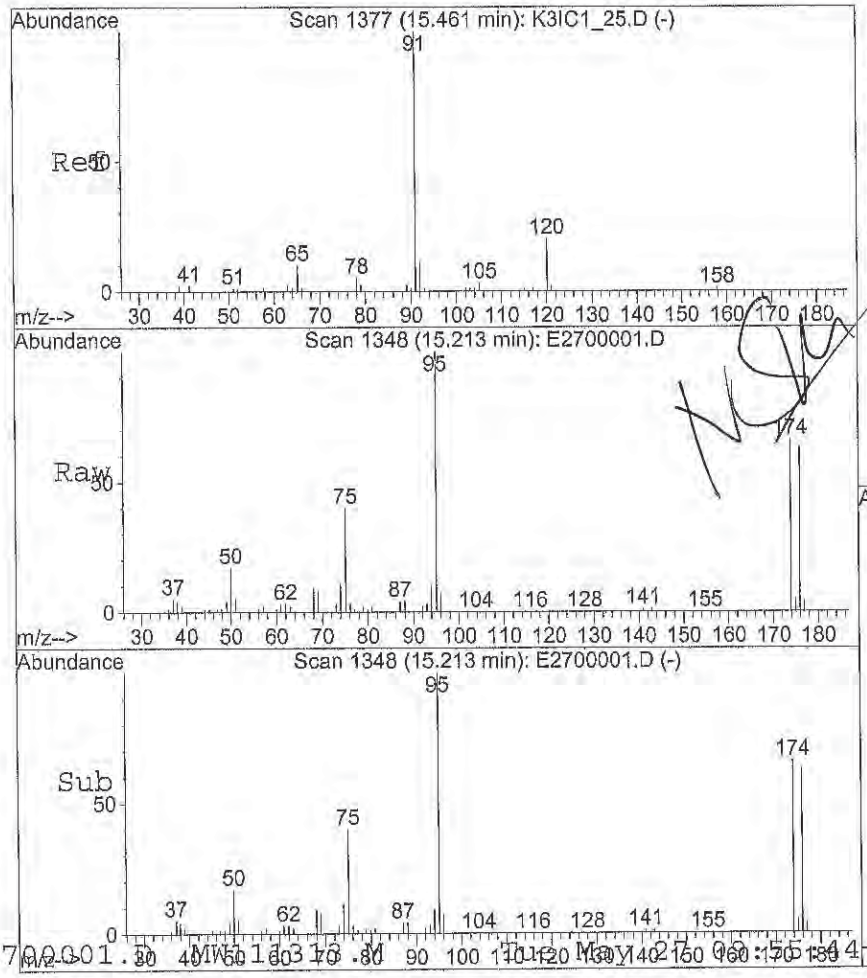


#56
Isopropylbenzene
Concen: 0.07 ug/L
RT: 15.21 min Scan# 1348
Delta R.T. 0.21 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion:105 Resp: 1284

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	253.6	13.1	19.7#

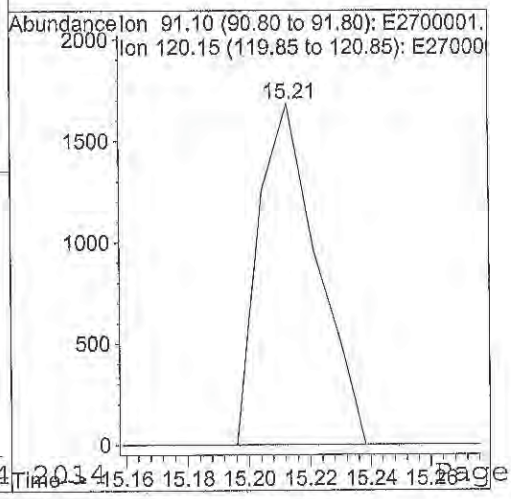


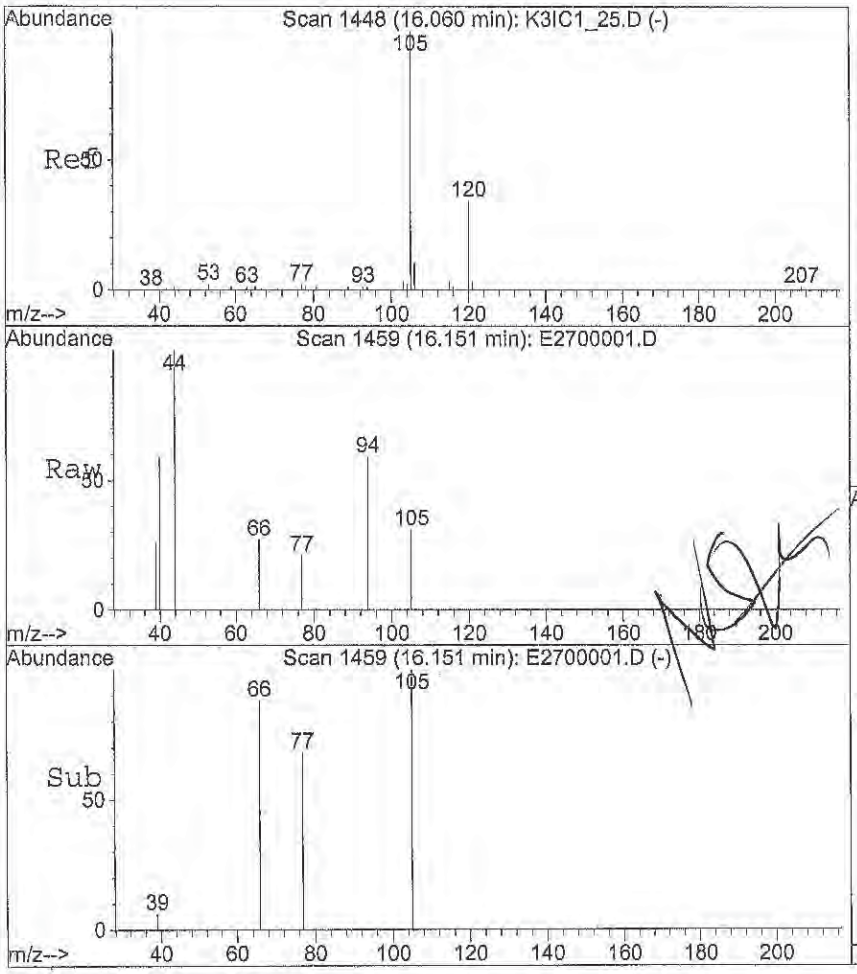


#62
n-Propylbenzene
Concen: 0.08 ug/L
RT: 15.21 min Scan# 1348
Delta R.T. -0.25 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion: 91 Resp: 2236

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

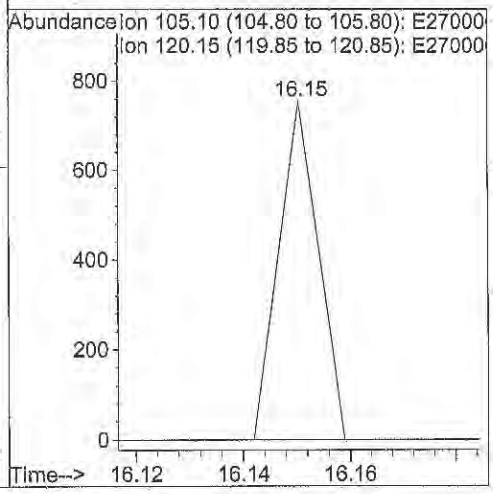


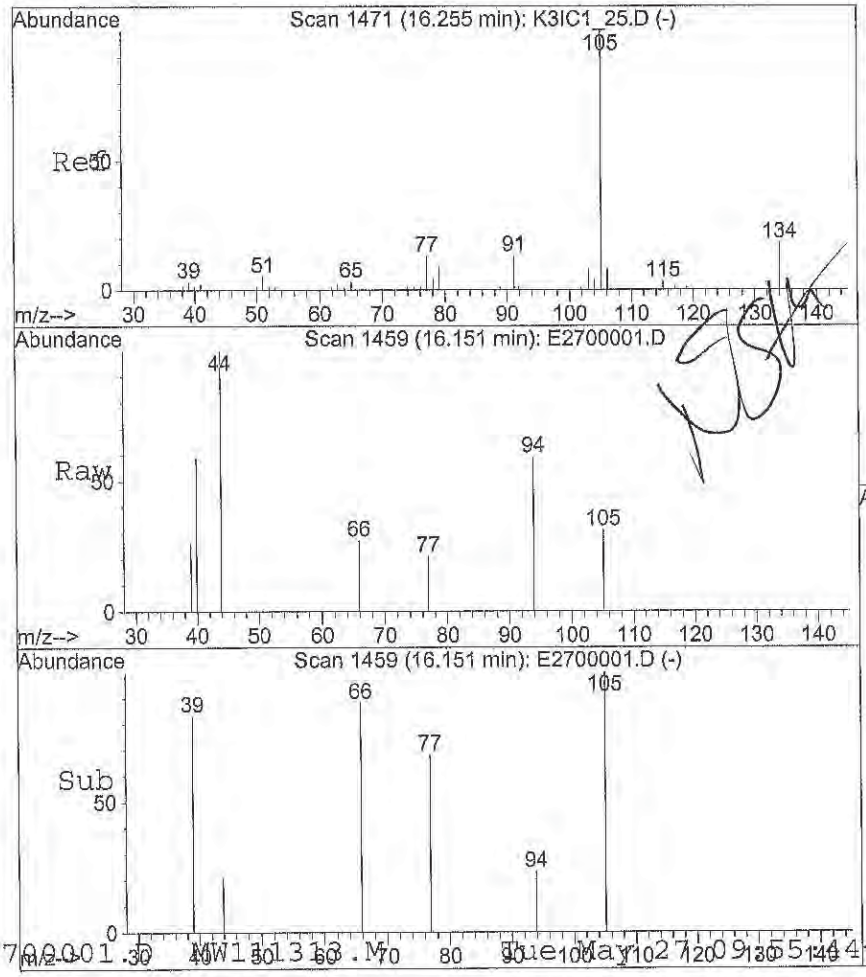


#67
1,2,4-Trimethylbenzene
Concen: 0.02 ug/L
RT: 16.15 min Scan# 1459
Delta R.T. 0.09 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion:105 Resp: 383

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

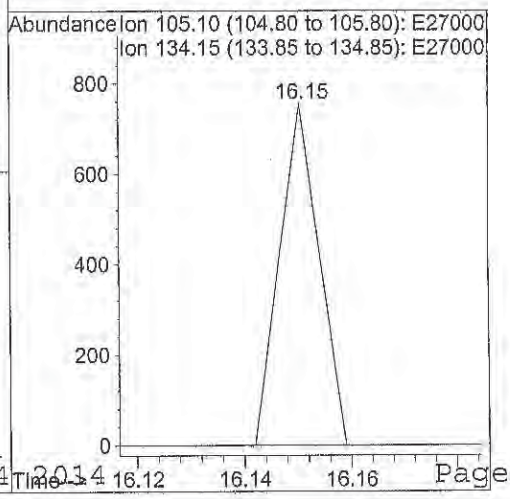


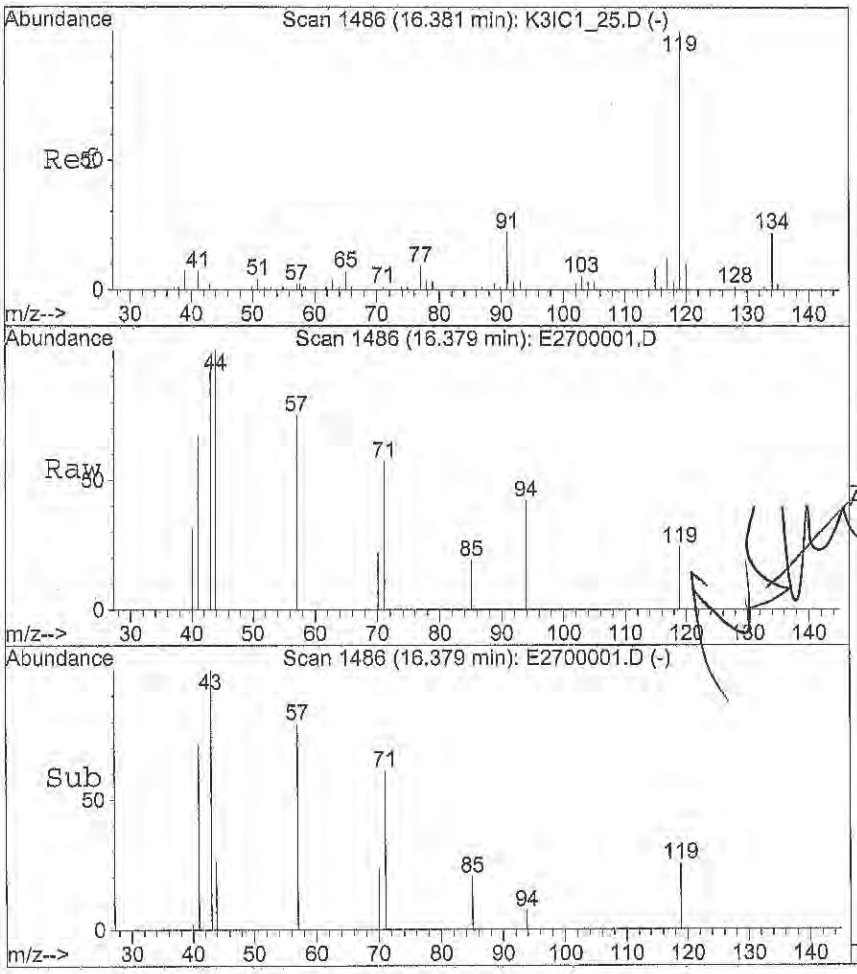


#68
sec-Butylbenzene
Concen: 0.02 ug/L
RT: 16.15 min Scan# 1459
Delta R.T. -0.10 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion:105 Resp: 383

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

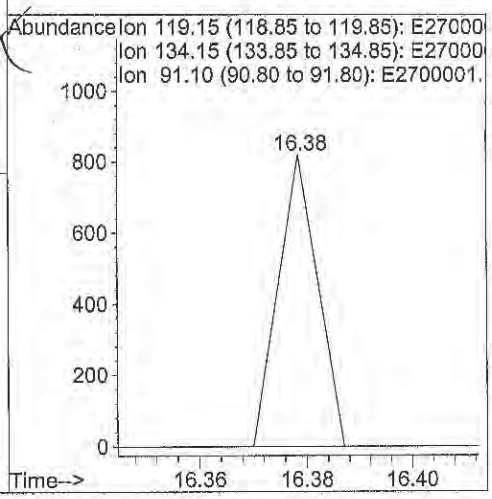




#69
p-Isopropyltoluene
Concen: 0.02 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.00 min
Lab File: E2700001.D
Acq: 27 May 2014 9:29 am

Tgt Ion:119 Resp: 415

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700001.D Vial: 11
Acq On : 27 May 2014 9:29 am Operator: DN
Sample : 3E42701-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:56 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1669603	12.50 ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.91	117	1275583	12.50 ug/L	-0.02
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	659835	12.50 ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	469086	10.80 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 86.40%		
3) Chloroform-d (SU6)	9.18	84	809186	12.99 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 103.92%		
4) Methylene Chloride-d2 (SU5	7.08	86	459542	12.62 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 100.96%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	473095	15.94 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 127.52%#		
6) Benzene-d6 (SU7)	9.93	84	1603887	12.24 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 97.92%		
8) Toluene-d8 (SU3)	12.21	98	1415096	11.69 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 93.52%		
9) 4-Bromofluorobenzene (SU4)	15.21	95	684561	13.70 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 109.60%		

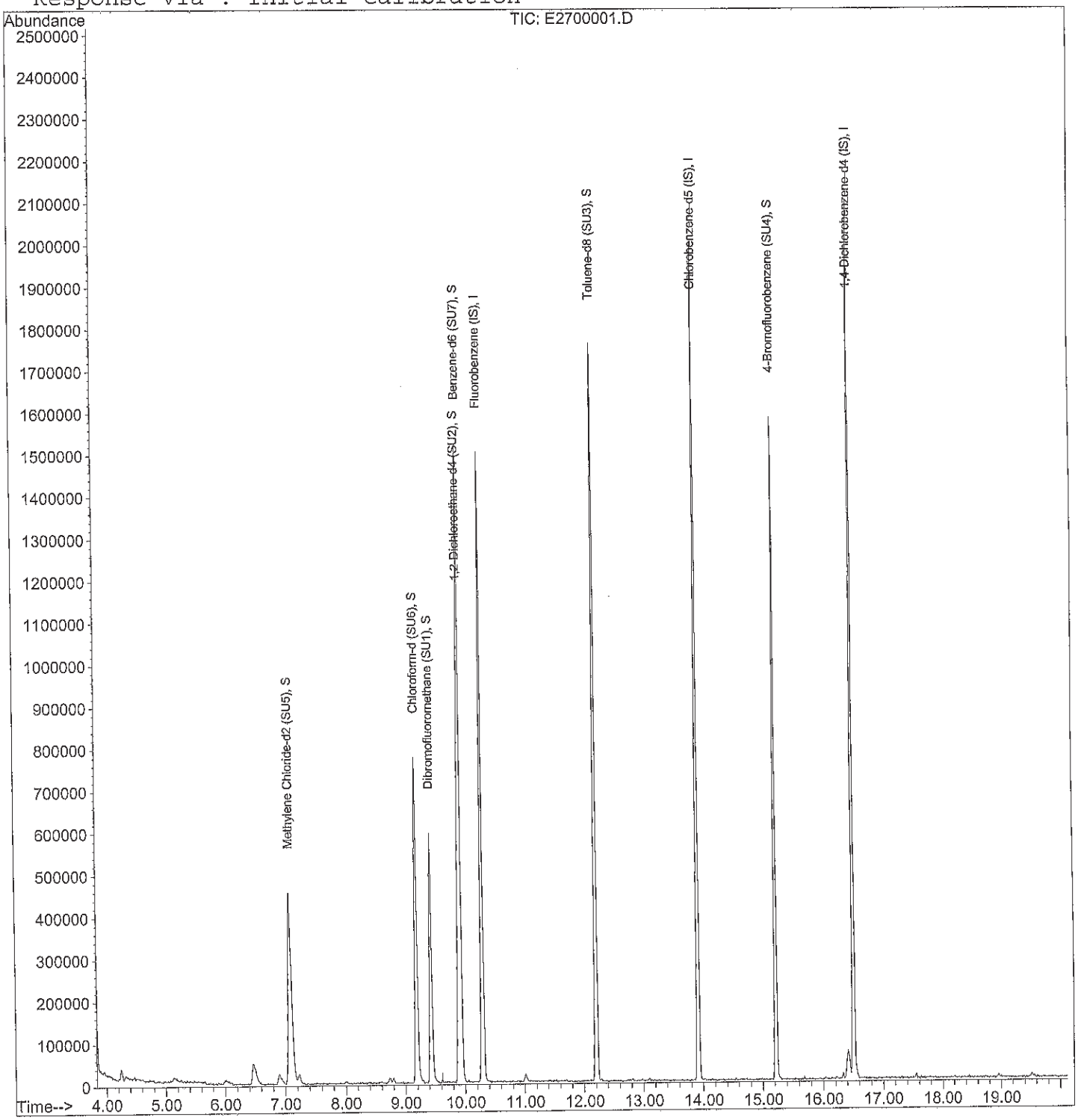
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700001.D Vial: 11
Acq On : 27 May 2014 9:29 am Operator: DN
Sample : 3E42701-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 9:56 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700002.D
Acq On : 27 May 2014 9:58 am
Sample : 3E42701-02
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 27 10:36 19114

Vial: 1
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1799866	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1320072	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	691378	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	494253	11.01 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 88.08%					
28) 1,2-Dichloroethane-d4 (SU2	9.89	65	491526	11.52 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 92.16%					
39) Toluene-d8 (SU3)	12.20	98	1520313	12.35 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 98.80%					
58) 4-Bromofluorobenzene (SU4)	15.22	95	725194	13.43 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 107.44%					

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.10	85	322	0.07 ~~ug/L~~ #	44
4) Chloromethane	4.41	50	8885	1.72 ~~ug/L~~ #	59
6) Bromomethane	5.12	96	5749	1.13 ~~ug/L~~	98
7) Chloroethane	5.24	64	678	1.14 ~~ug/L~~ #	34
11) Acetone	6.46	58	23754	36.85 ~~ug/L~~	71
12) (IPA) Leak Check Compound	6.50	45	83822	387.56 ~~ug/L~~	89
13) Carbon disulfide	6.86	76	83750	5.60 ug/L	99
14) Methylene Chloride	7.08	84	5914	1.20 ~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.90	59	5738	18.69 ~~ug/L~~ #	77
20) 2,2-Dichloropropane	8.79	77	283	0.04 ~~ug/L~~ #	36
21) (MEK) 2-Butanone	8.80	72	1211	2.39 ~~ug/L~~ #	1
24) Chloroform	9.21	83	2280	0.24 ~~ug/L~~ #	18
25) (ETBE) 2-ethoxy 2-methyl p	8.40	59	279	0.02 ~~ug/L~~ #	44
31) Benzene	9.99	78	15447	0.91 ~~ug/L~~ #	69
32) 1,2-Dichloroethane	9.93	62	7811	1.30 ~~ug/L~~ #	1
34) 1,2-Dichloropropane	11.03	63	254	0.06 ~~ug/L~~ #	2
35) Dibromomethane	11.00	93	272	0.09 ~~ug/L~~ #	5
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	8455	3.21 ~~ug/L~~ #	100
41) Toluene	12.28	91	112464	6.25 ug/L 0.125	100
46) 2-Hexanone	12.97	43	2548	0.88 ~~ug/L~~ #	62
51) Ethylbenzene	14.02	91	26025	1.27 ug/L 0.025	94
52) m,p-Xylenes	14.14	106	28793	3.96 ug/L 0.0792	85

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700002.D Vial: 1
Acq On : 27 May 2014 9:58 am Operator: DN
Sample : 3E42701-02 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 10:36 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

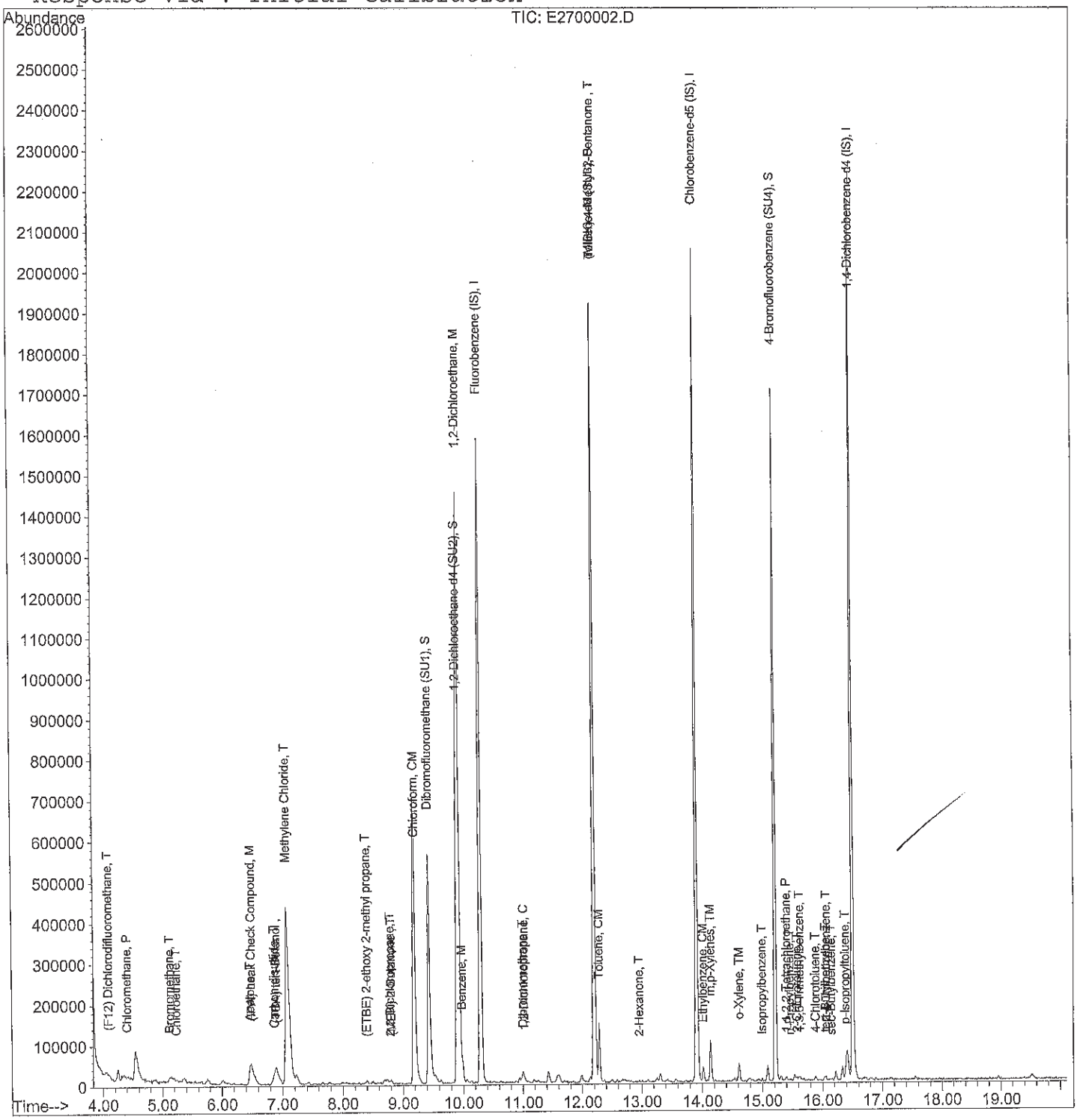
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
53) o-Xylene	14.62	106	12886	1.79 ug/L 0.0358	85
54) Styrene	14.62	104	2484	-0.63 ~~ug/L~~ # NM	9
56) Isopropylbenzene	15.00	105	835	0.04 ~~ug/L~~ #	55
60) 1,1,2,2-Tetrachloroethane	15.40	83	1132	0.23 ~~ug/L~~ #	18
62) n-Propylbenzene	15.46	91	2233	0.08 ~~ug/L~~ #	56
63) 2-Chlorotoluene	15.57	91	416	0.02 ~~ug/L~~ #	45
64) 1,3,5-Trimethylbenzene	15.61	105	1666	0.10 ~~ug/L~~ # NM	66
65) 4-Chlorotoluene	15.88	91	272	0.02 ~~ug/L~~ #	44
66) tert-Butylbenzene	16.04	119	637	0.04 ~~ug/L~~ #	24
67) 1,2,4-Trimethylbenzene	16.06	105	4740	0.26 ~~ug/L~~ # 0.00572	74
68) sec-Butylbenzene	16.14	105	897	0.04 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.37	119	1234	0.07 ~~ug/L~~ #	52

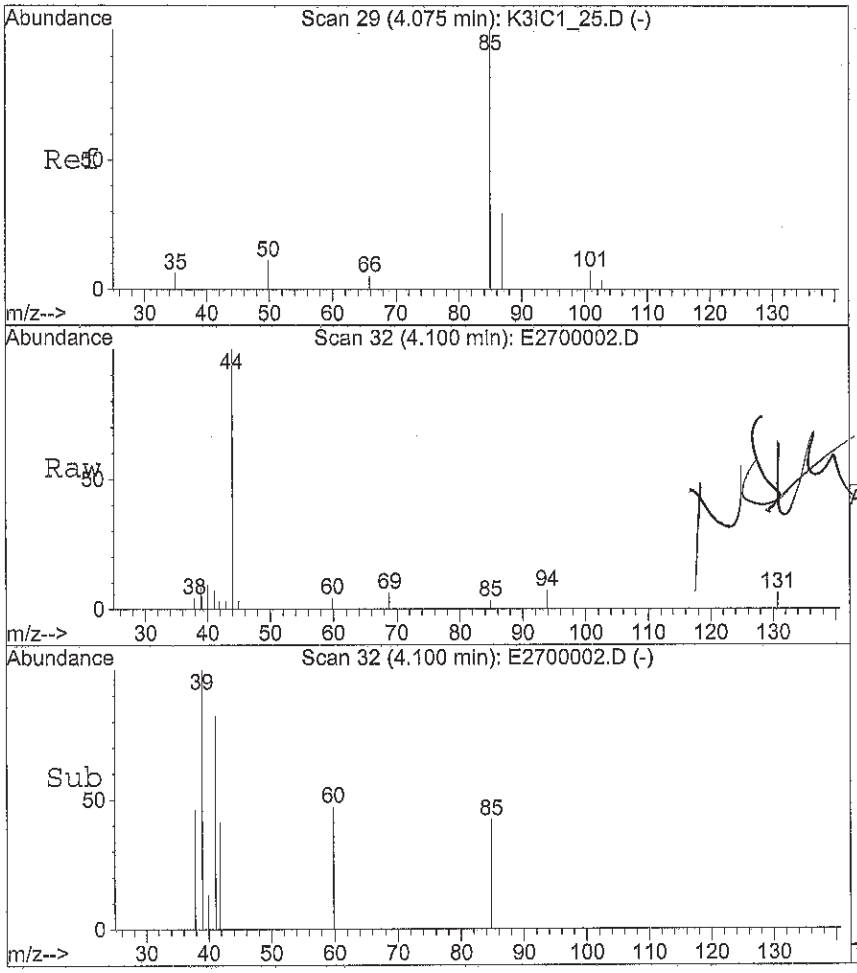
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700002.D Vial: 1
Acq On : 27 May 2014 9:58 am Operator: DN
Sample : 3E42701-02 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 10:36 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

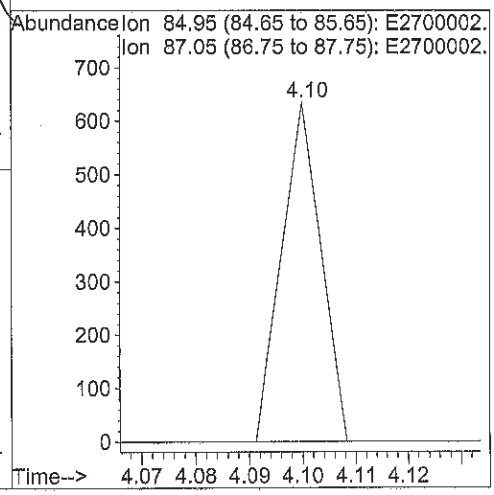


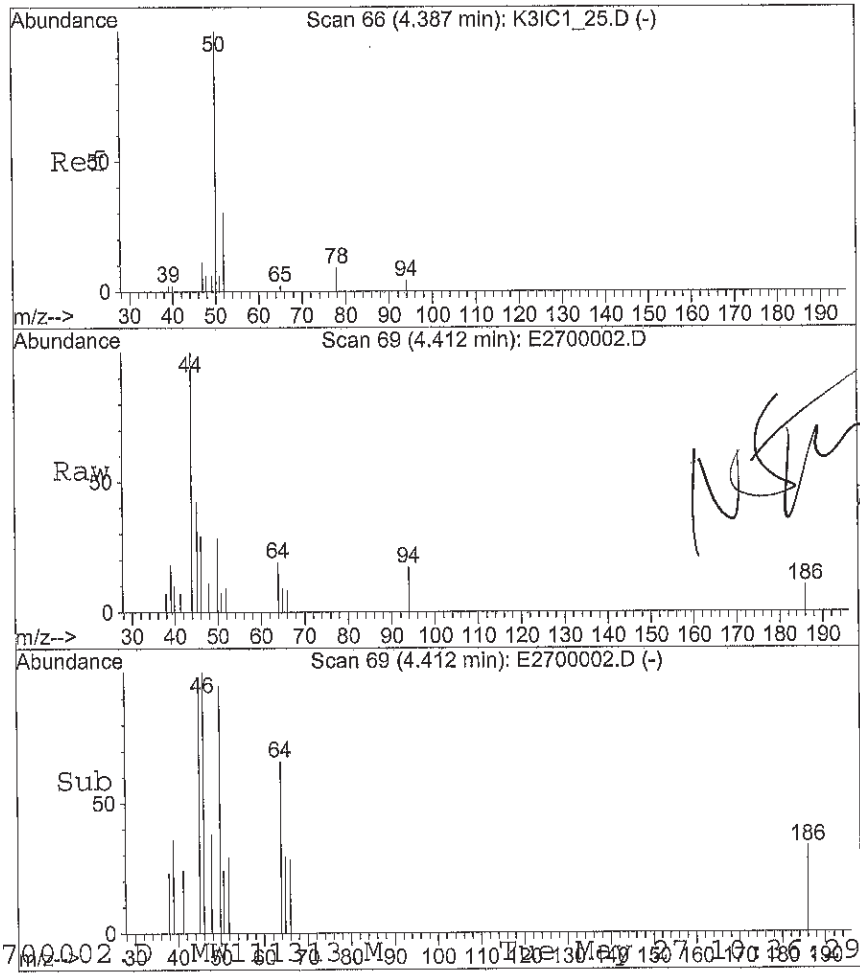


#3
(F12) Dichlorodifluoromethane
Concen: 0.07 ug/L
RT: 4.10 min Scan# 32
Delta R.T. 0.03 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 85 Resp: 322

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.6	37.0#

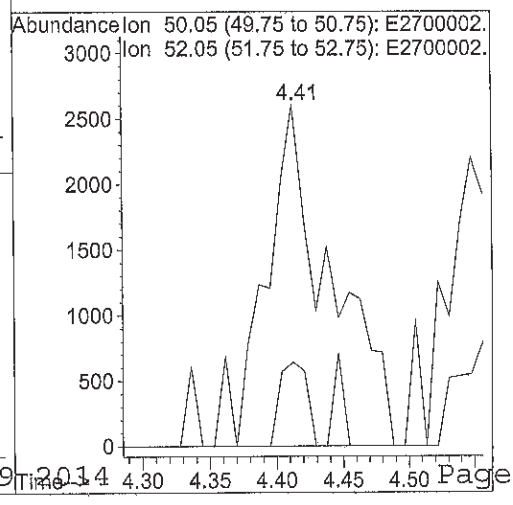


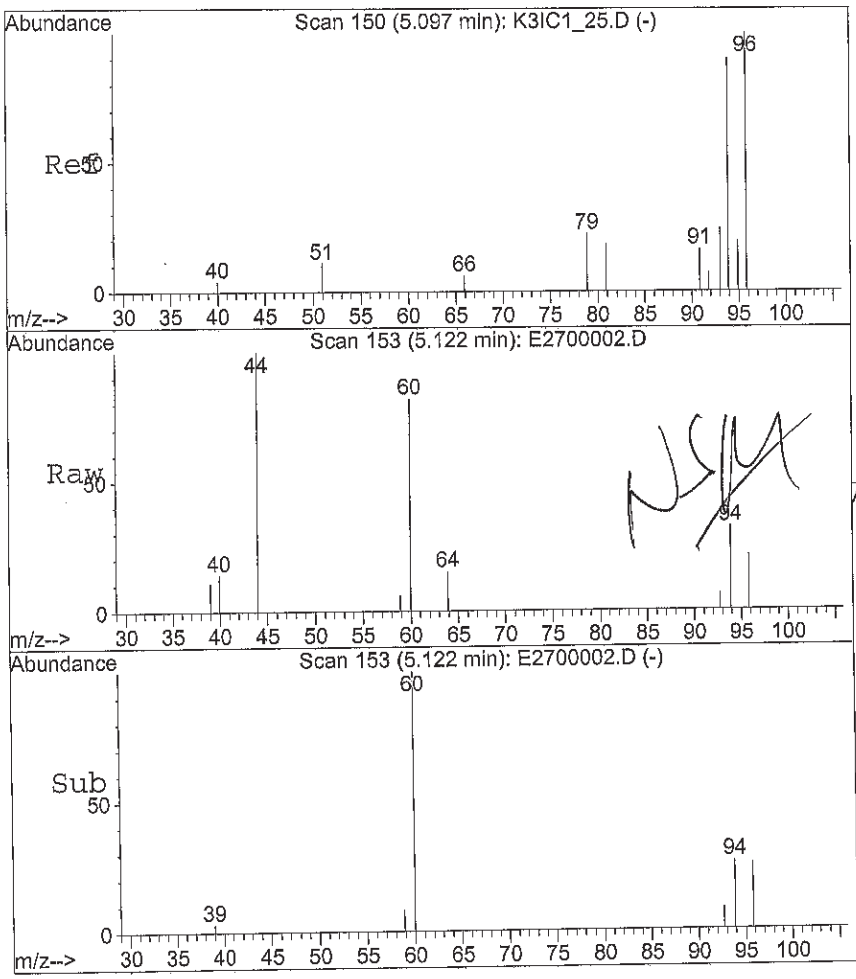


#4
Chloromethane
Concen: 1.72 ug/L
RT: 4.41 min Scan# 69
Delta R.T. 0.03 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 50 Resp: 8885

Ion	Ratio	Lower	Upper
50	100		
52	10.2	26.9	40.3#

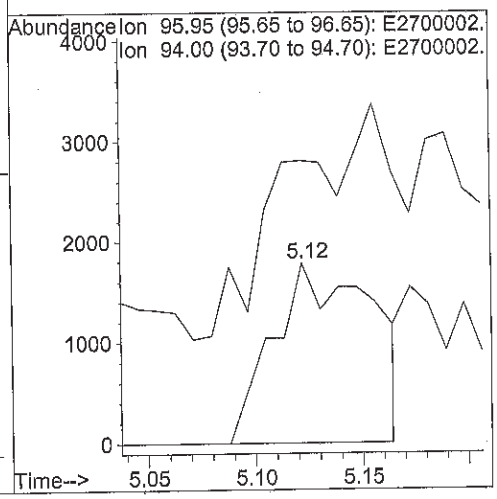


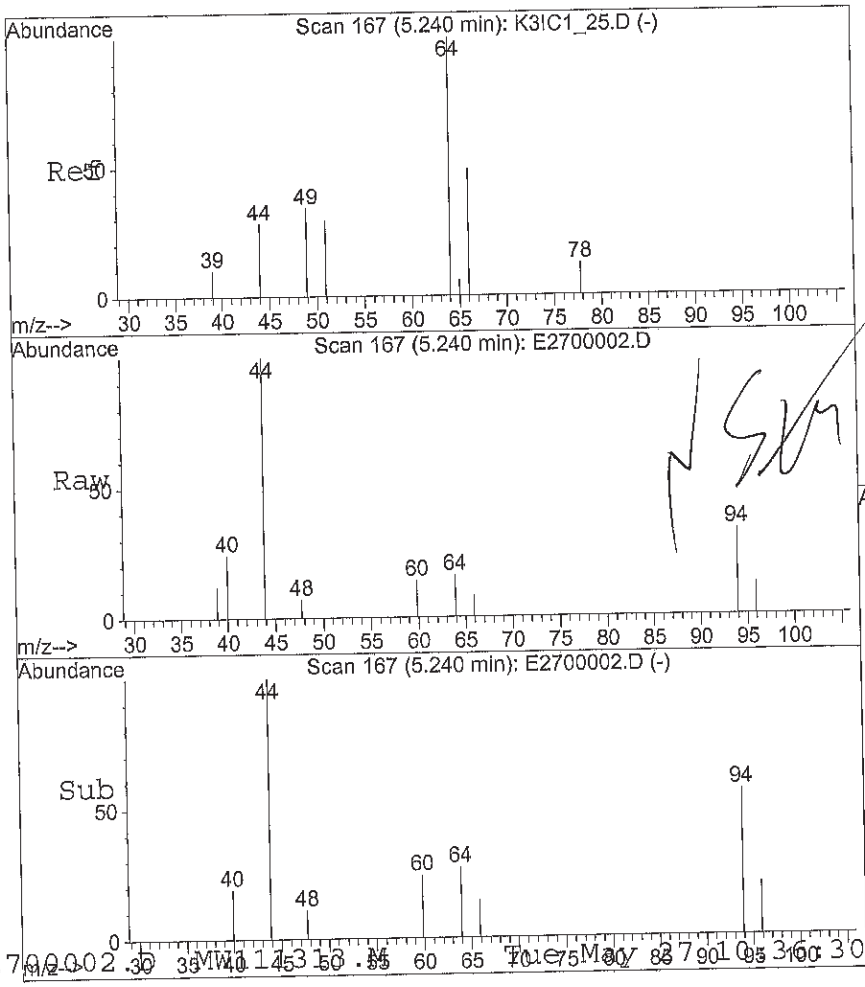


#6
Bromomethane
Concen: 1.13 ug/L
RT: 5.12 min Scan# 153
Delta R.T. 0.03 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 96 Resp: 5749

Ion	Ratio	Lower	Upper
96	100		
94	124.0	101.0	151.4

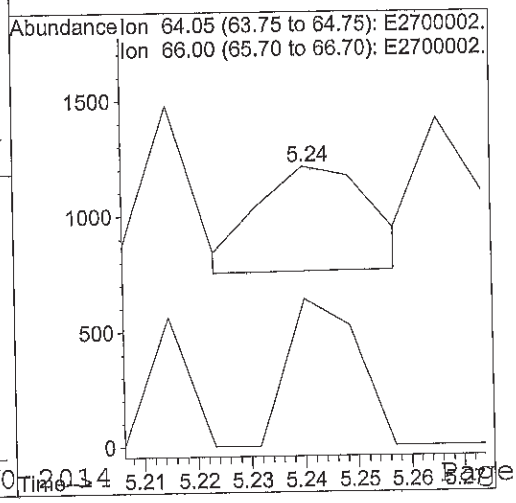


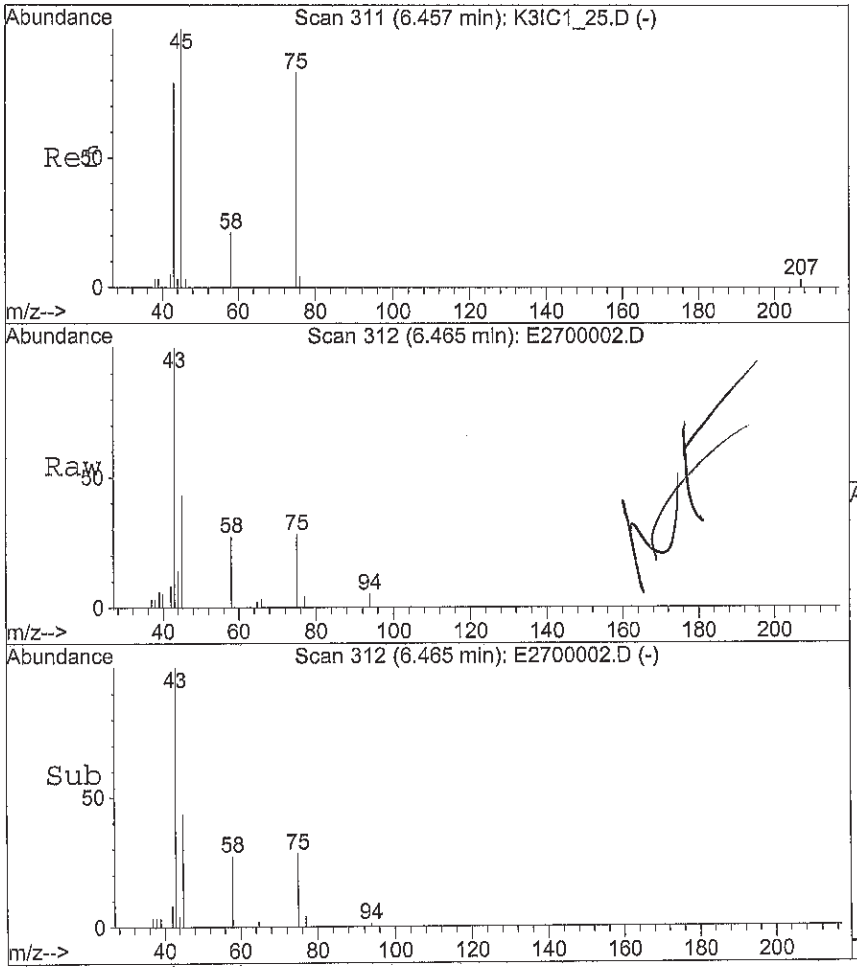


#7
Chloroethane
Concen: 1.14 ug/L
RT: 5.24 min Scan# 167
Delta R.T. 0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 64 Resp: 678

Ion	Ratio	Lower	Upper
64	100		
66	86.9	35.4	53.0#

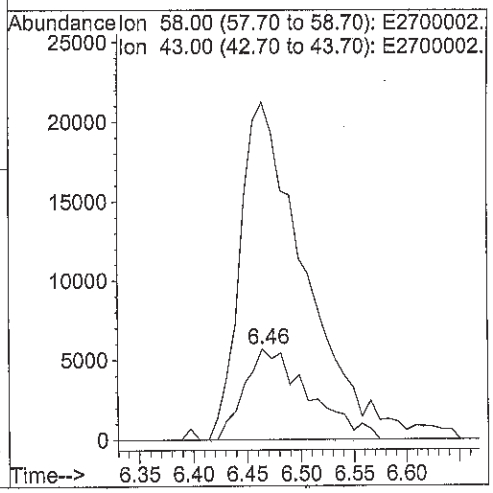


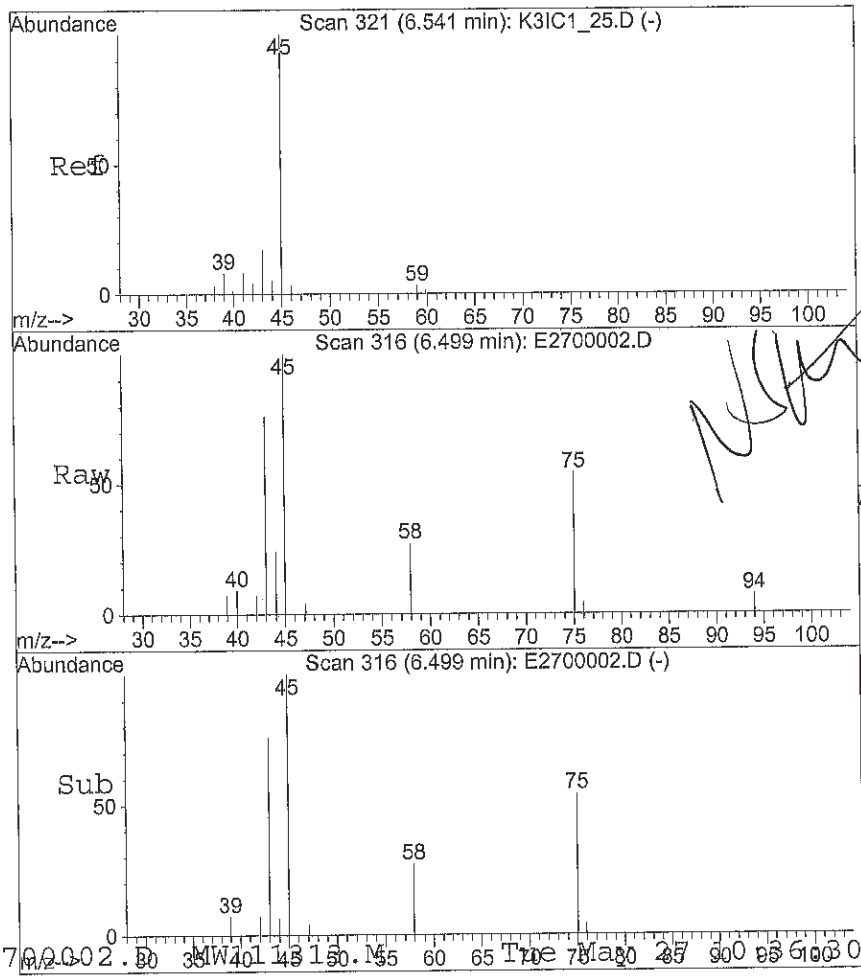


#11
Acetone
Concen: 36.85 ug/L
RT: 6.46 min Scan# 312
Delta R.T. 0.01 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 58 Resp: 23754

Ion	Ratio	Lower	Upper
58	100		
43	376.0	360.9	541.3

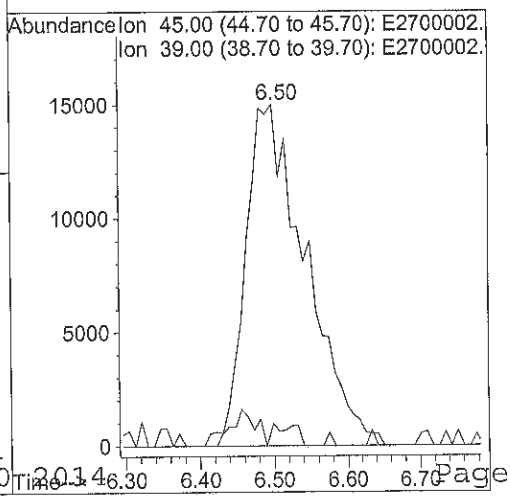


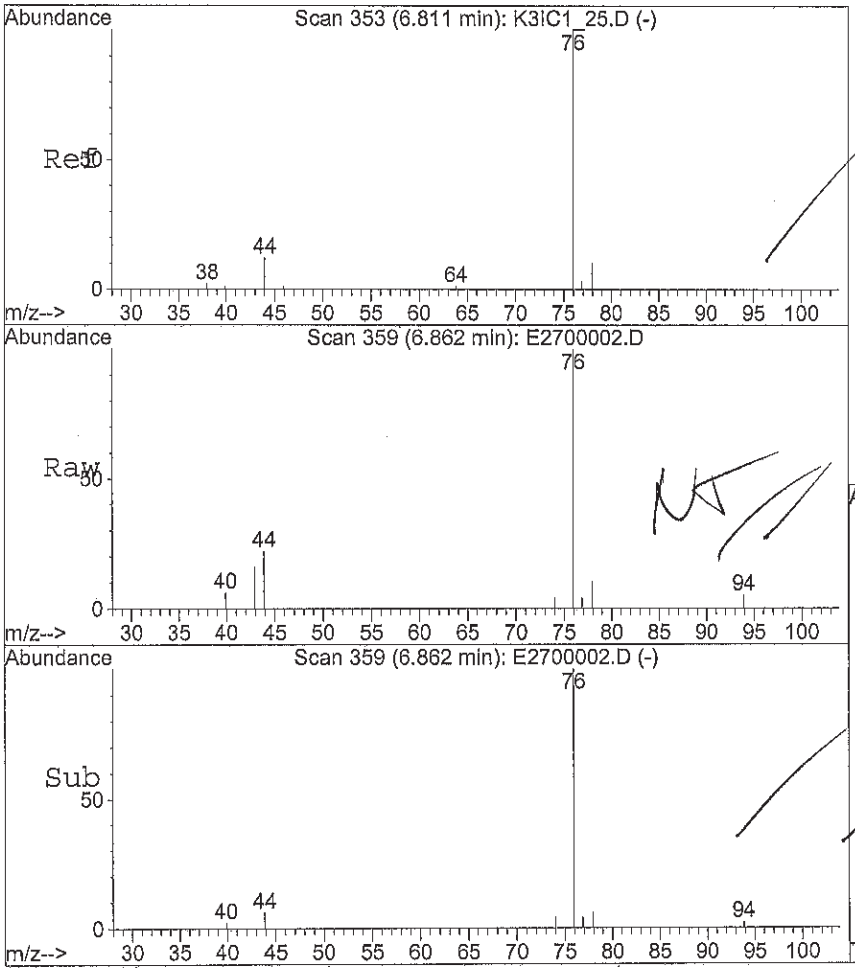


#12
(IPA) Leak Check Compound
Concen: 387.56 ug/L
RT: 6.50 min Scan# 316
Delta R.T. -0.04 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 45 Resp: 83822

Ion	Ratio	Lower	Upper
45	100		
39	2.5	4.9	7.3#

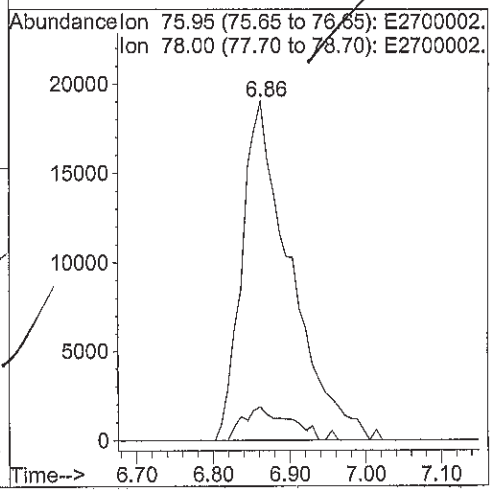


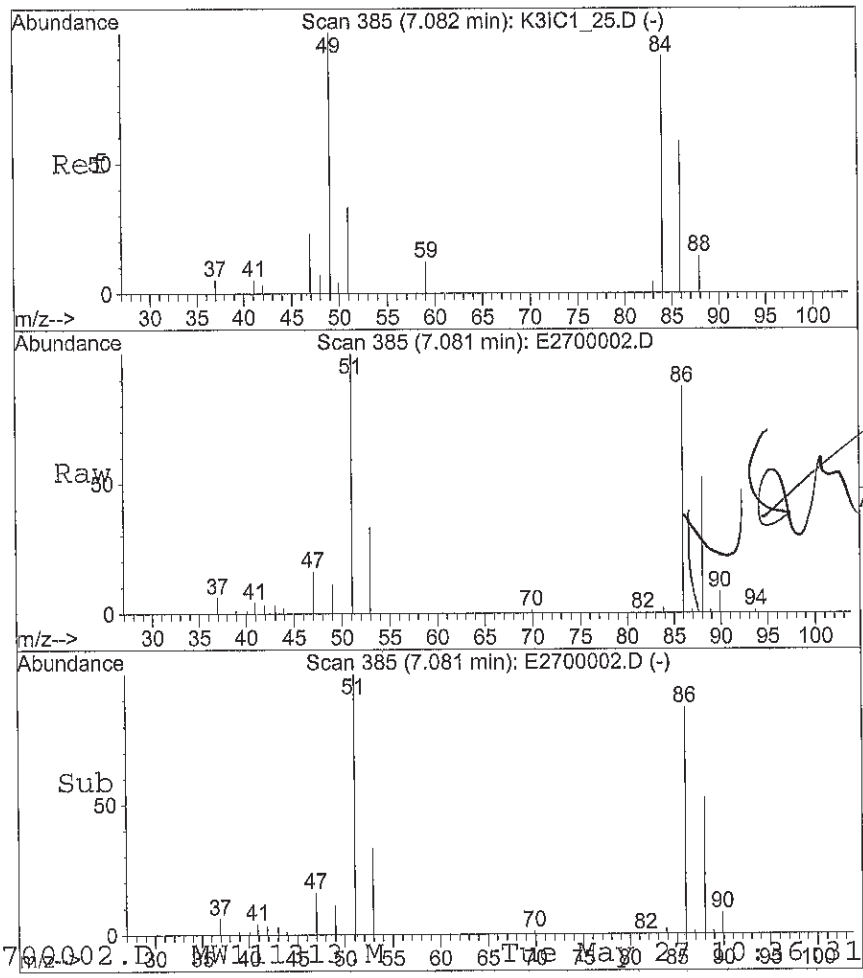


#13
Carbon disulfide
Concen: 5.60 ug/L
RT: 6.86 min Scan# 359
Delta R.T. 0.05 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 76 Resp: 83750

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.4

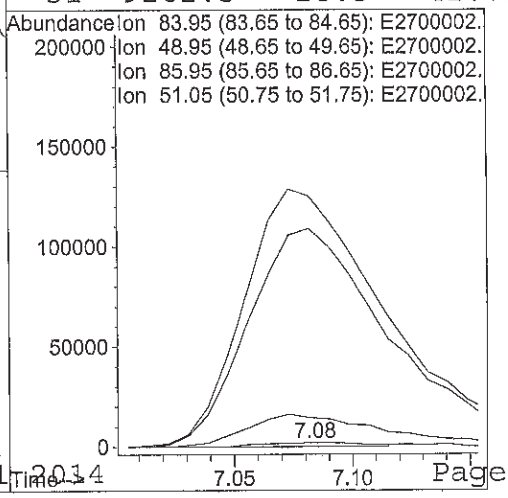


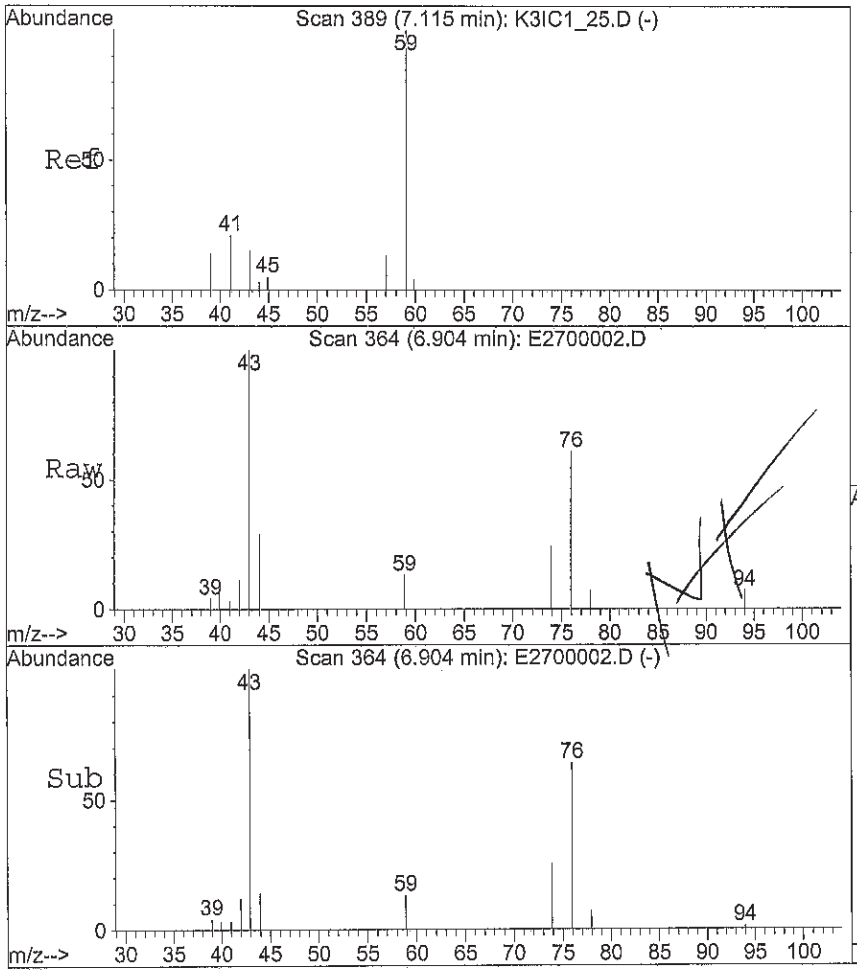


#14
Methylene Chloride
Concen: 1.20 ug/L
RT: 7.08 min Scan# 385
Delta R.T. -0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 84 Resp: 5914

Ion	Ratio	Lower	Upper
84	100		
49	1120.8	89.8	134.6#
86	7829.5	51.1	76.7#
51	9262.5	28.5	42.7#

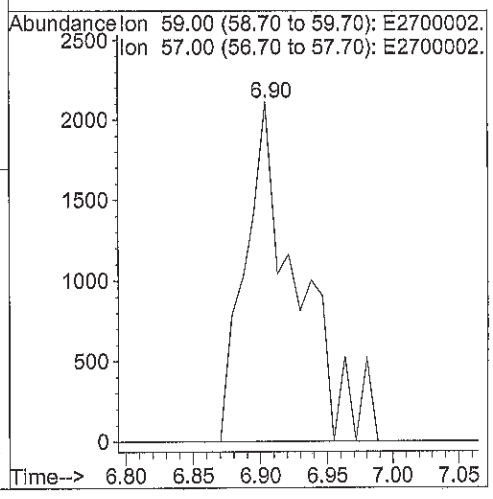


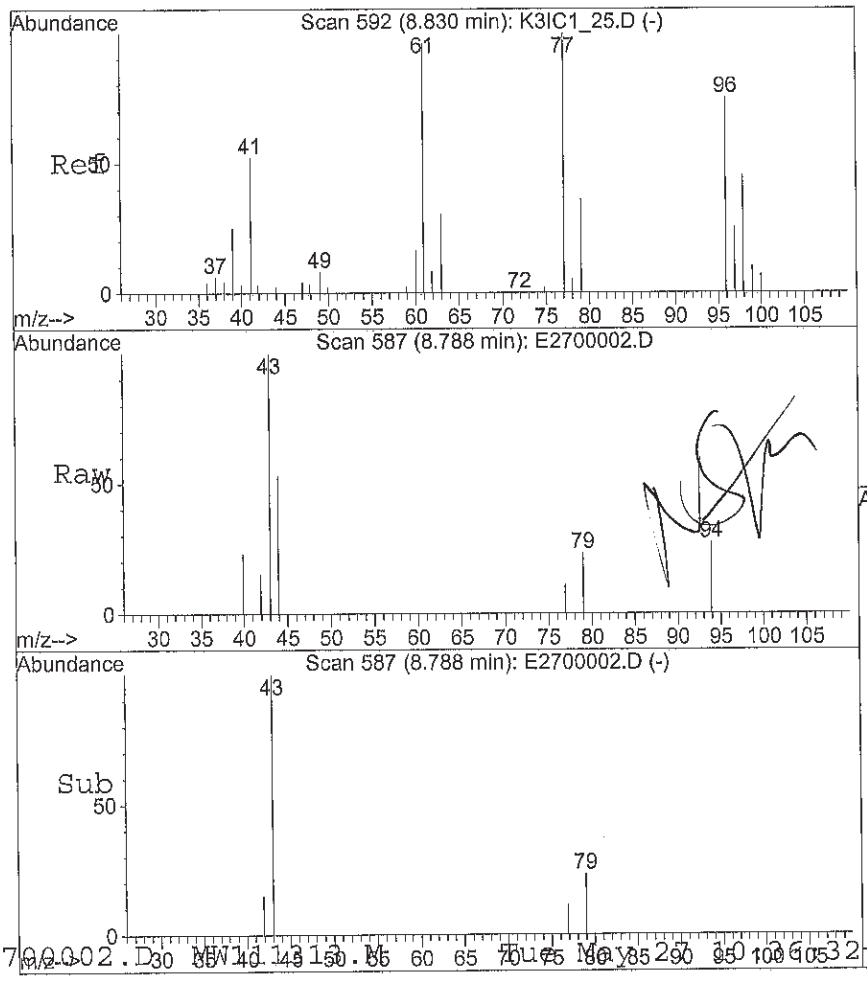


#15
(TBA) tert-Butanol
Concen: 18.69 ug/L
RT: 6.90 min Scan# 364
Delta R.T. -0.21 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 59 Resp: 5738

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

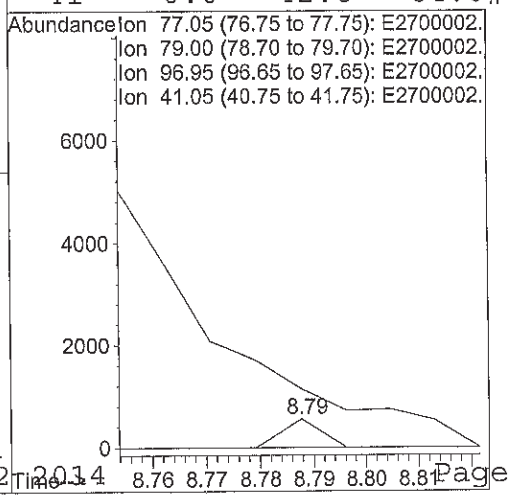


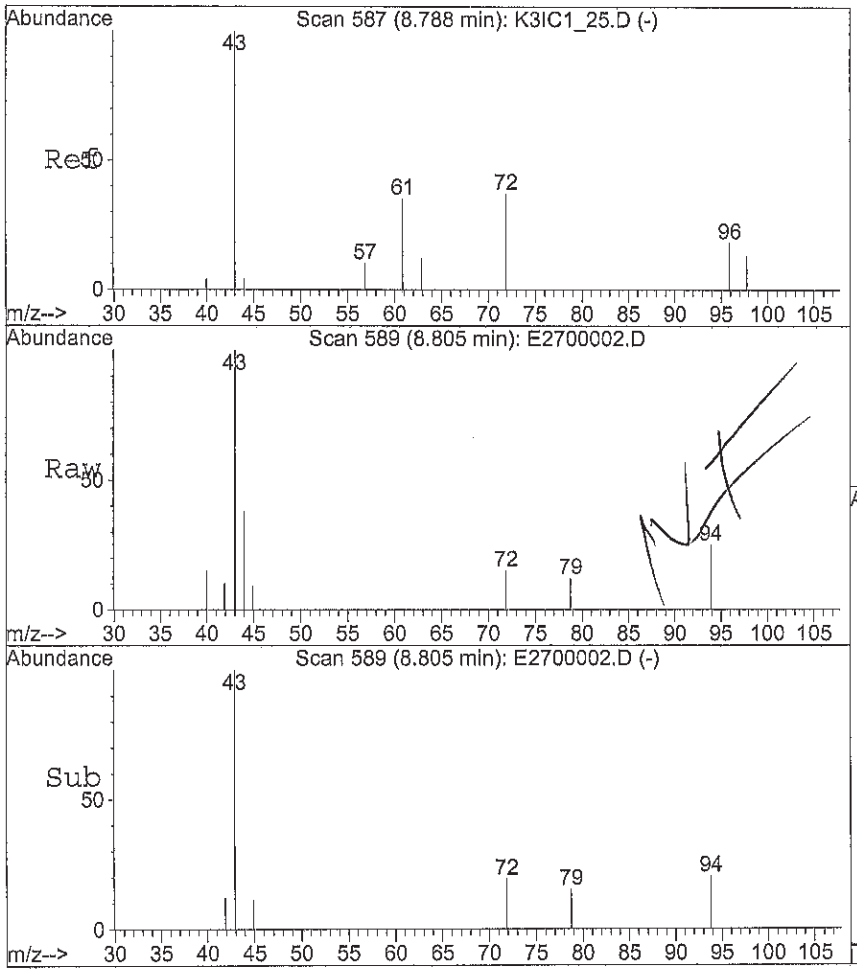


#20
2,2-Dichloropropane
Concen: 0.04 ug/L
RT: 8.79 min Scan# 587
Delta R.T. -0.04 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 77 Resp: 283

Ion	Ratio	Lower	Upper
77	100		
79	0.0	26.6	40.0#
97	0.0	18.9	28.3#
41	0.0	42.6	64.0#

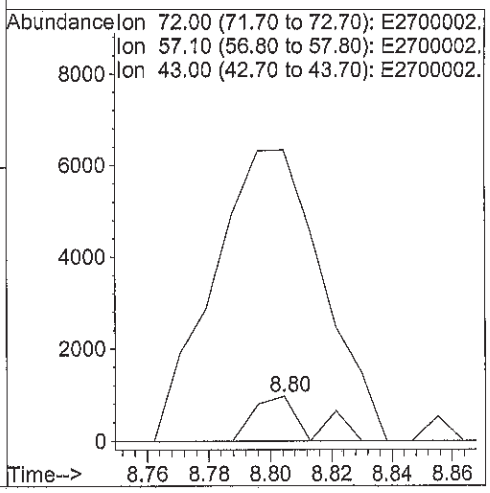


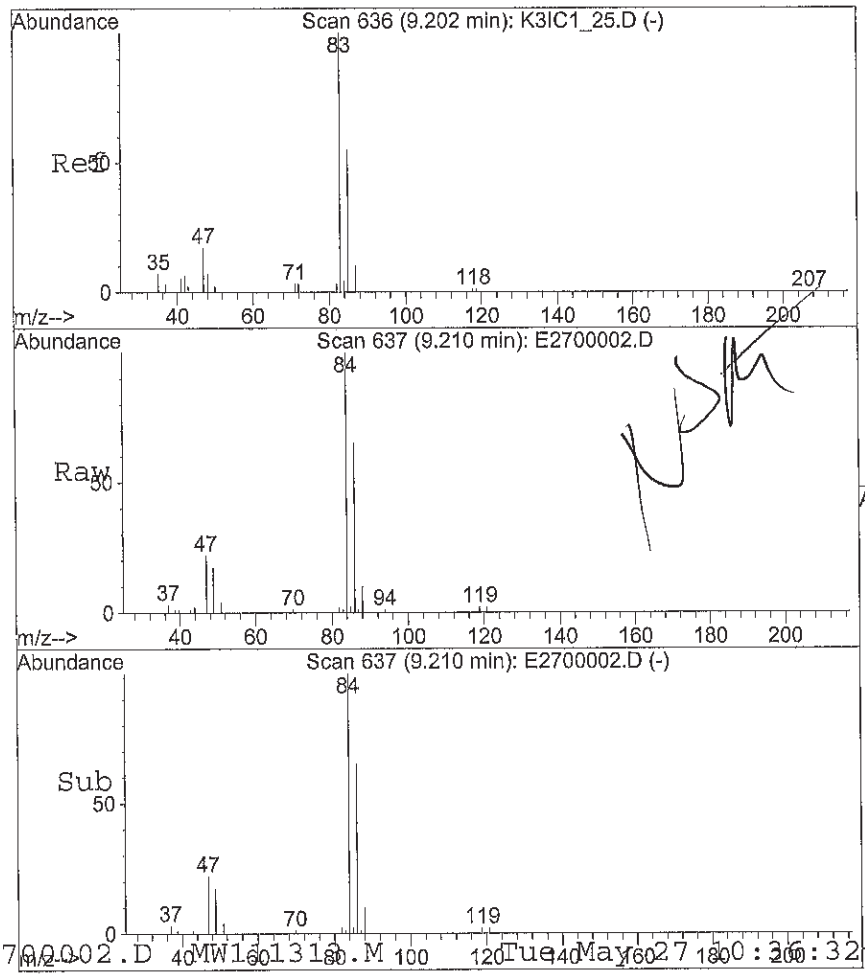


#21
(MEK) 2-Butanone
Concen: 2.39 ug/L
RT: 8.80 min Scan# 589
Delta R.T. 0.02 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 72 Resp: 1211

Ion	Ratio	Lower	Upper
72	100		
57	0.0	17.5	26.3#
43	1293.8	314.2	471.2#

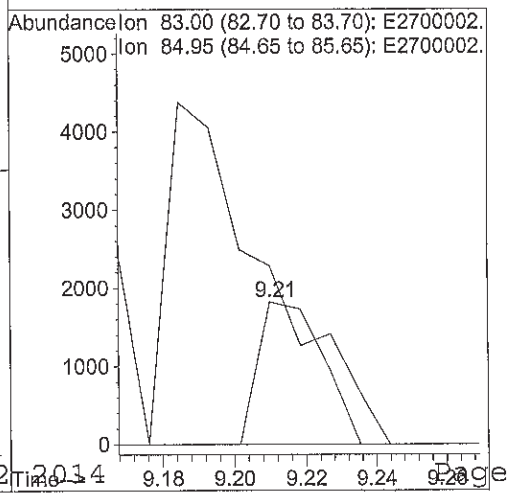


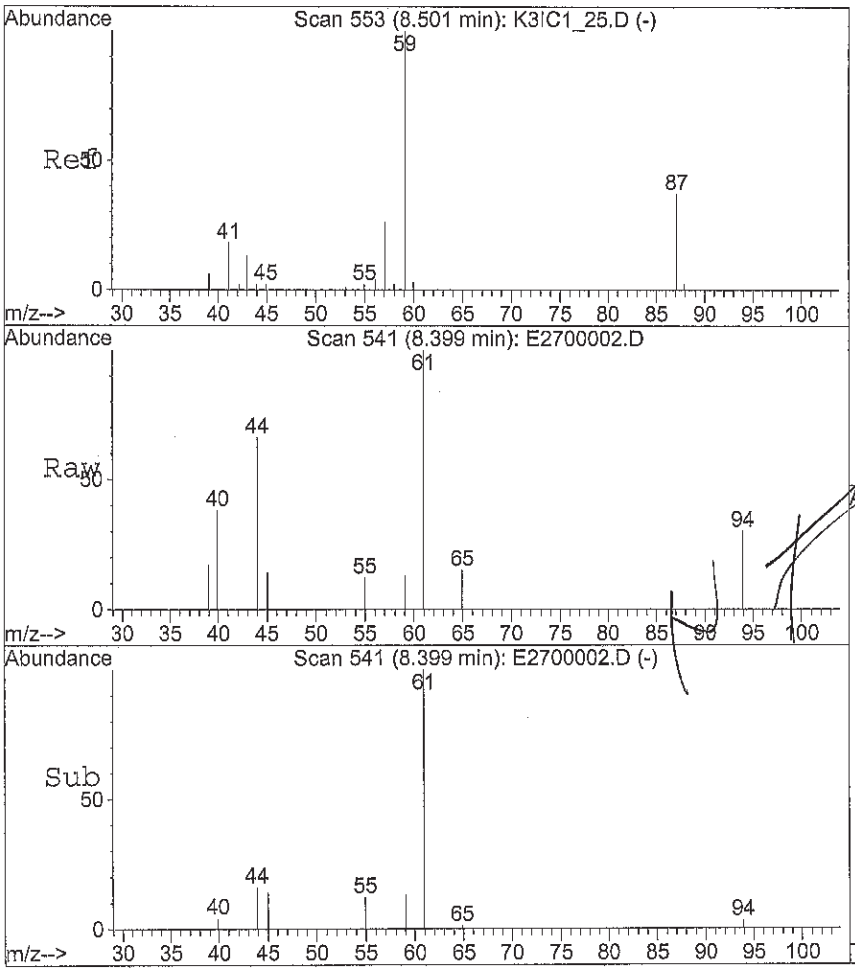


#24
Chloroform
Concen: 0.24 ug/L
RT: 9.21 min Scan# 637
Delta R.T. 0.01 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 83 Resp: 2280

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

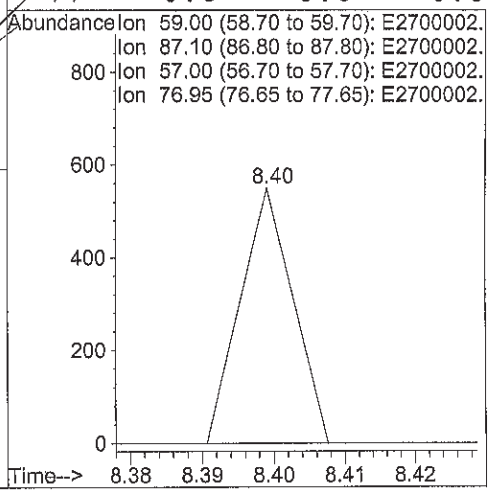


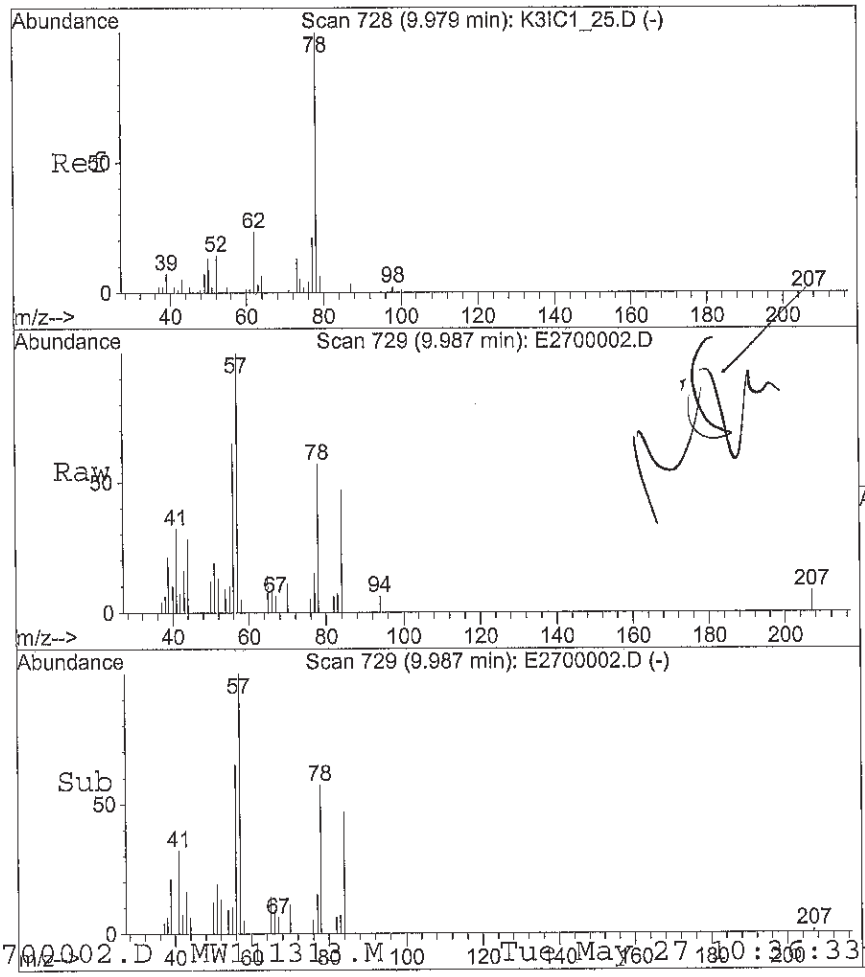


#25
(ETBE) 2-ethoxy 2-methyl propan
Concen: 0.02 ug/L
RT: 8.40 min Scan# 541
Delta R.T. -0.10 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 59 Resp: 279

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

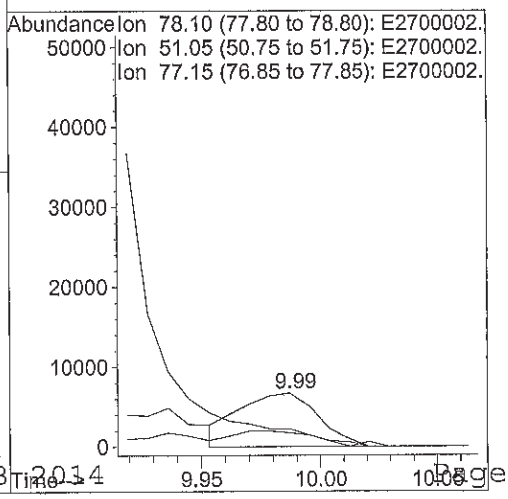


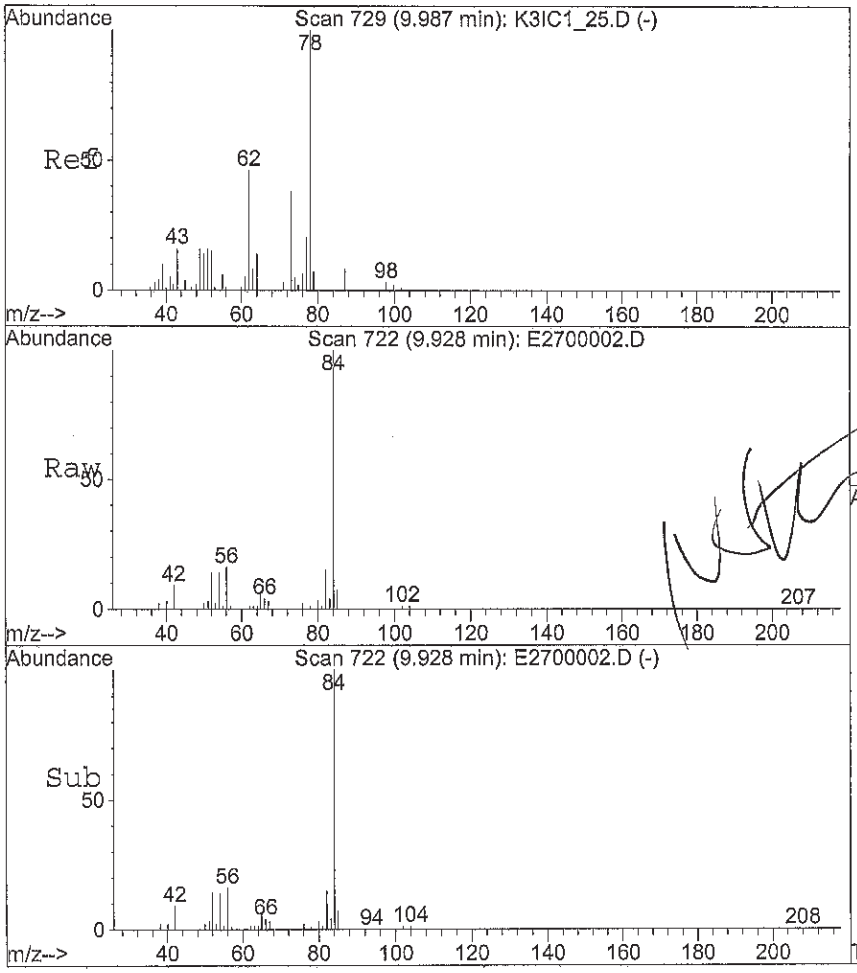


#31
Benzene
Concen: 0.91 ug/L
RT: 9.99 min Scan# 729
Delta R.T. 0.01 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 78 Resp: 15447

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	31.6	16.6	24.8#

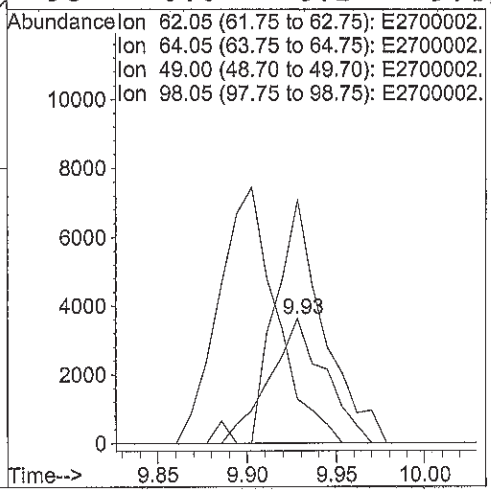


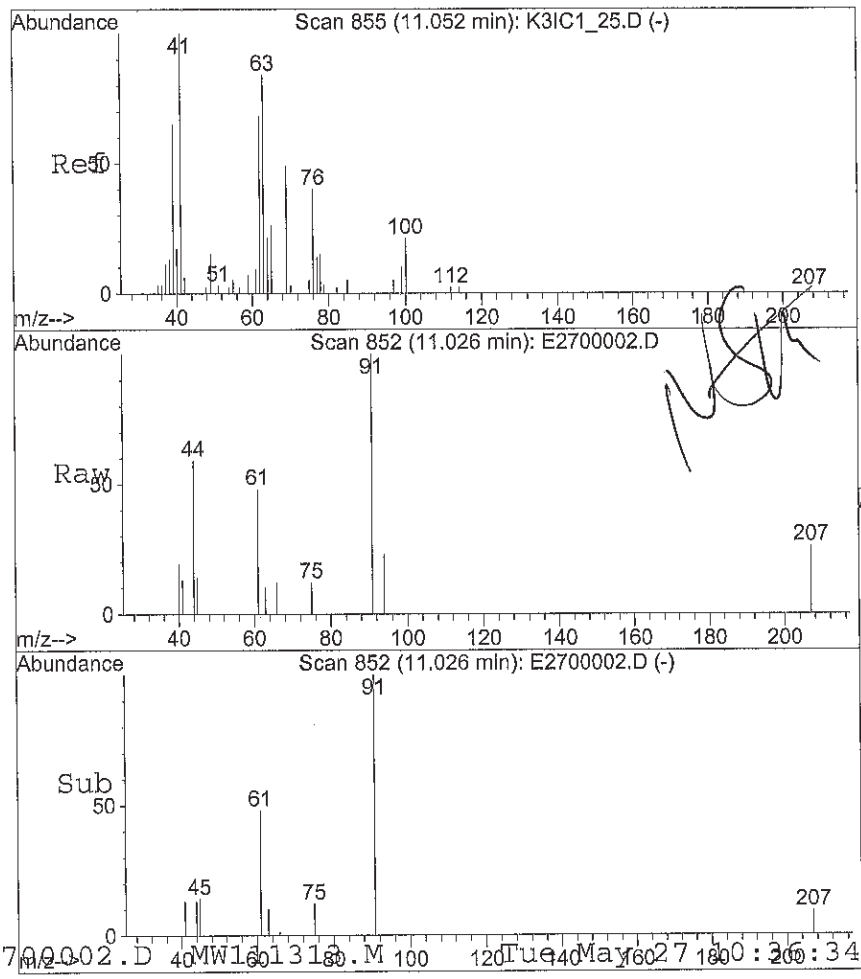


#32
1,2-Dichloroethane
Concen: 1.30 ug/L
RT: 9.93 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 62 Resp: 7811

Ion	Ratio	Lower	Upper
62	100		
64	174.7	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

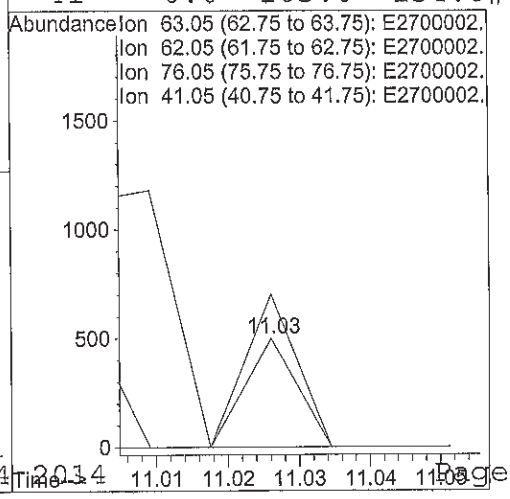


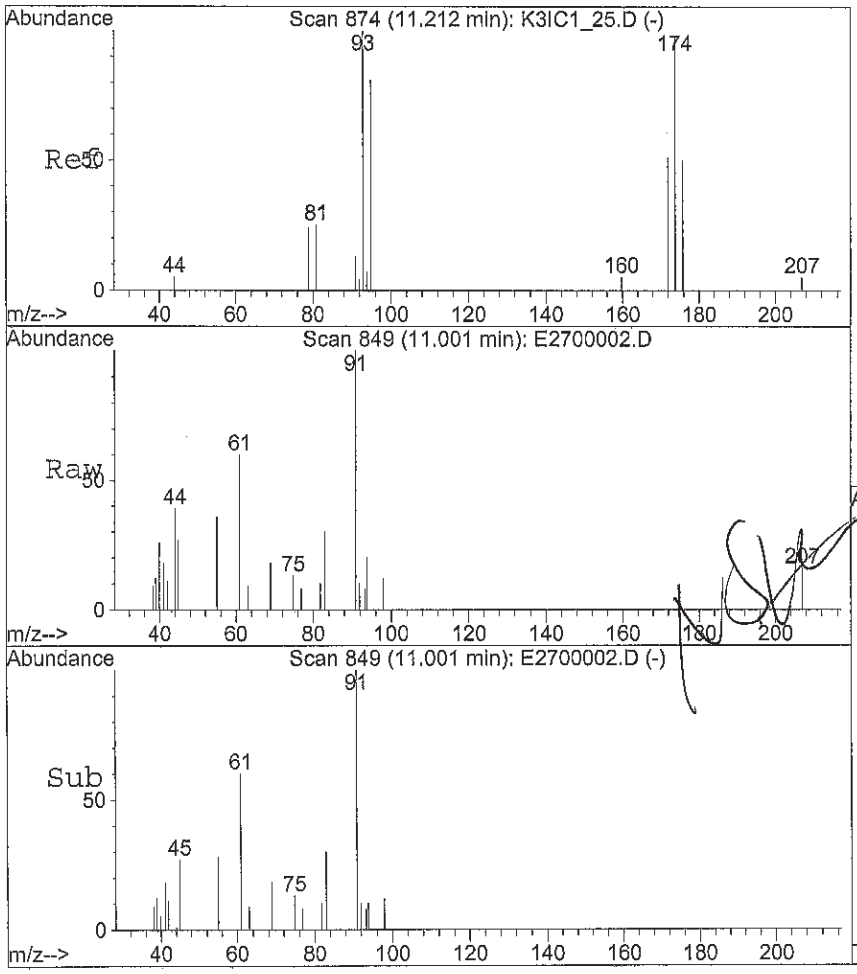


#34
1,2-Dichloropropane
Concen: 0.06 ug/L
RT: 11.03 min Scan# 852
Delta R.T. -0.03 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 63 Resp: 254

Ion	Ratio	Lower	Upper
63	100		
62	0.0	67.4	101.2#
76	0.0	40.3	60.5#
41	0.0	103.0	154.6#

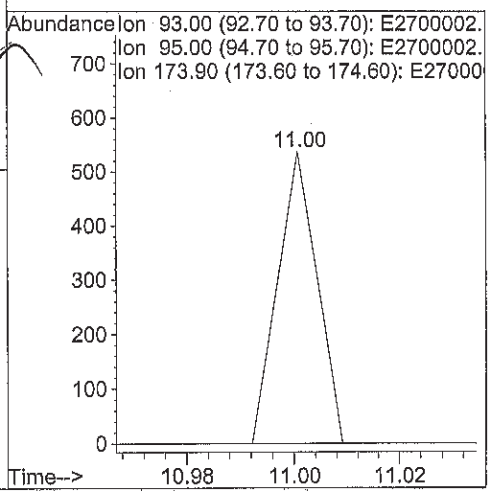


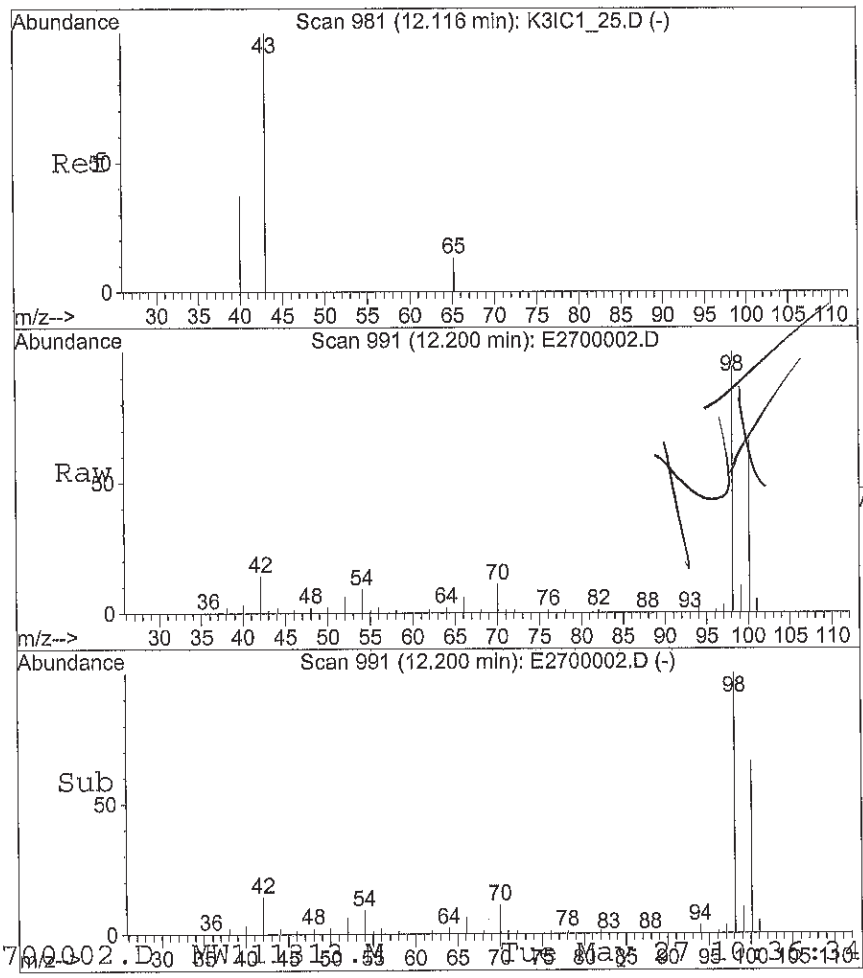


#35
Dibromomethane
Concen: 0.09 ug/L
RT: 11.00 min Scan# 849
Delta R.T. -0.21 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 93 Resp: 272

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.2	99.2#
174	0.0	75.5	113.3#

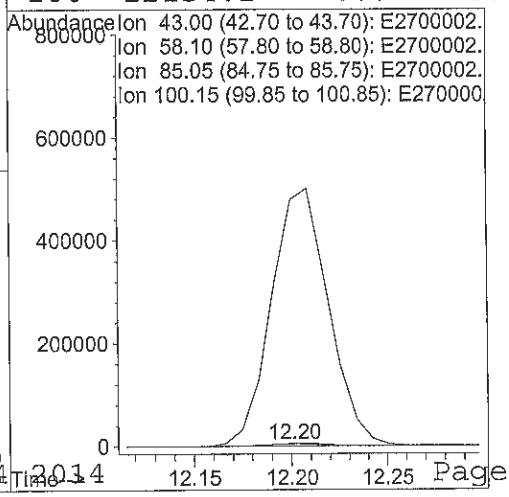


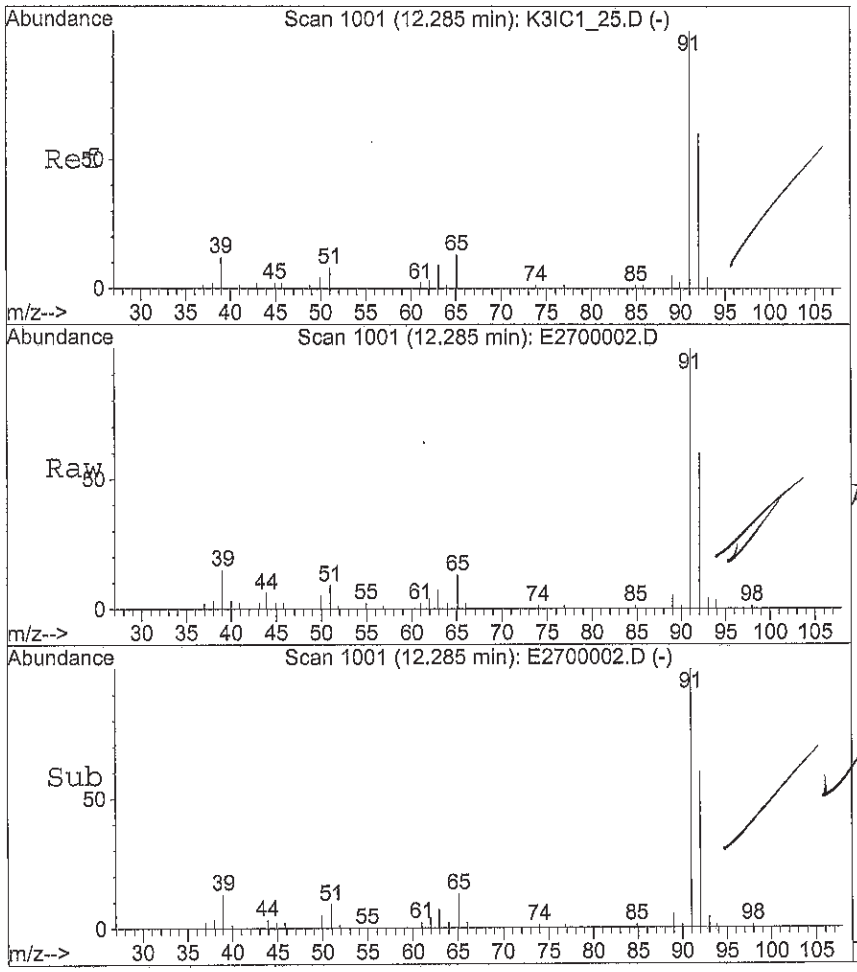


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 3.21 ug/L
RT: 12.20 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 43 Resp: 8455

Ion	Ratio	Lower	Upper
43	100		
58	124.4	0.0	0.0#
85	0.0	0.0	0.0
100	12154.2	0.0	0.0#

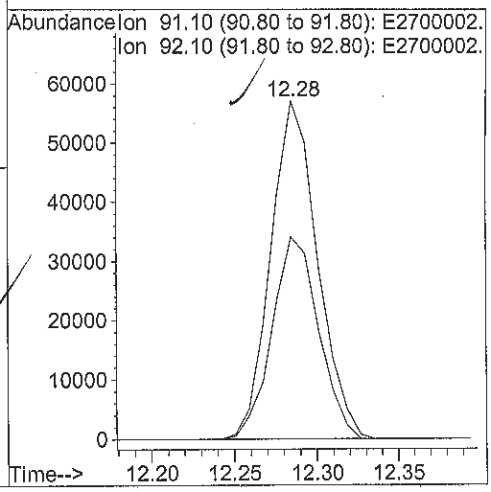


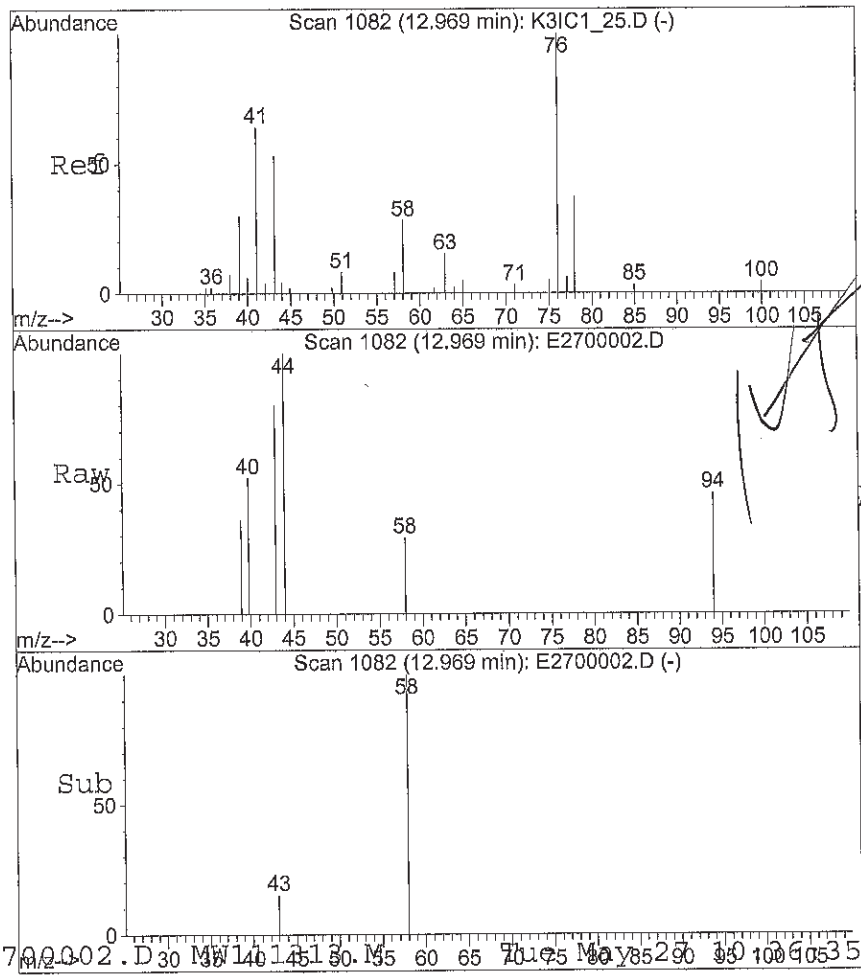


#41
Toluene
Concen: 6.25 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. -0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 91 Resp: 112464

Ion	Ratio	Lower	Upper
91	100		
92	59.5	47.4	71.0

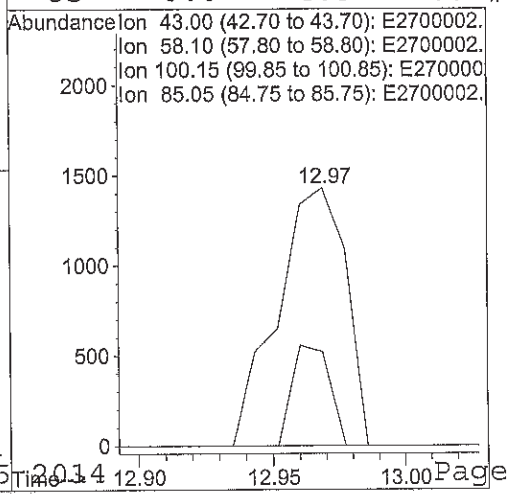


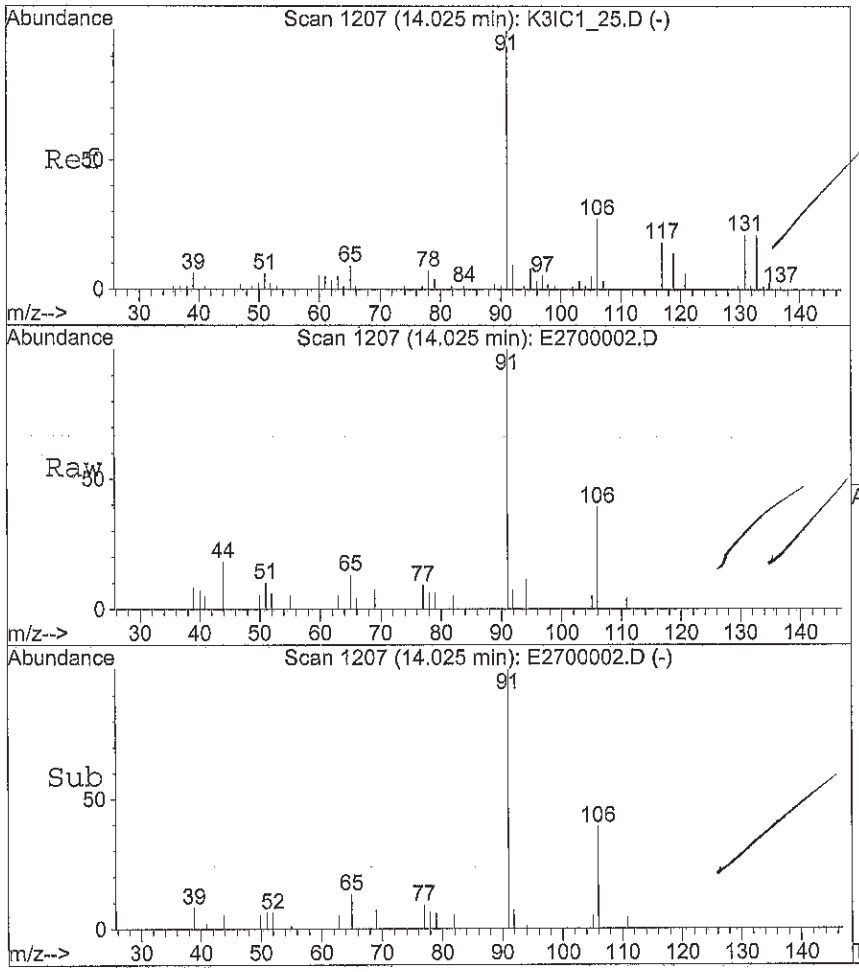


#46
2-Hexanone
Concen: 0.88 ug/L
RT: 12.97 min Scan# 1082
Delta R.T. -0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 43 Resp: 2548

Ion	Ratio	Lower	Upper
43	100		
58	21.4	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

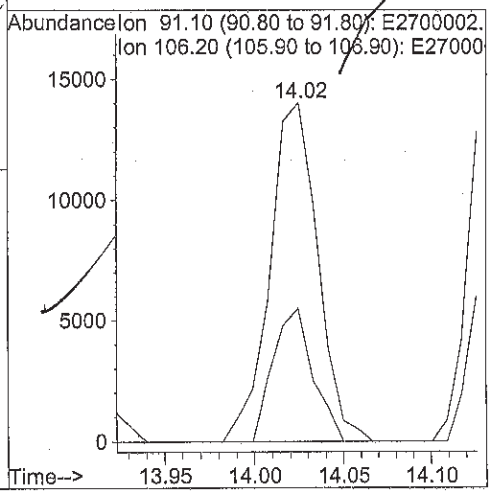


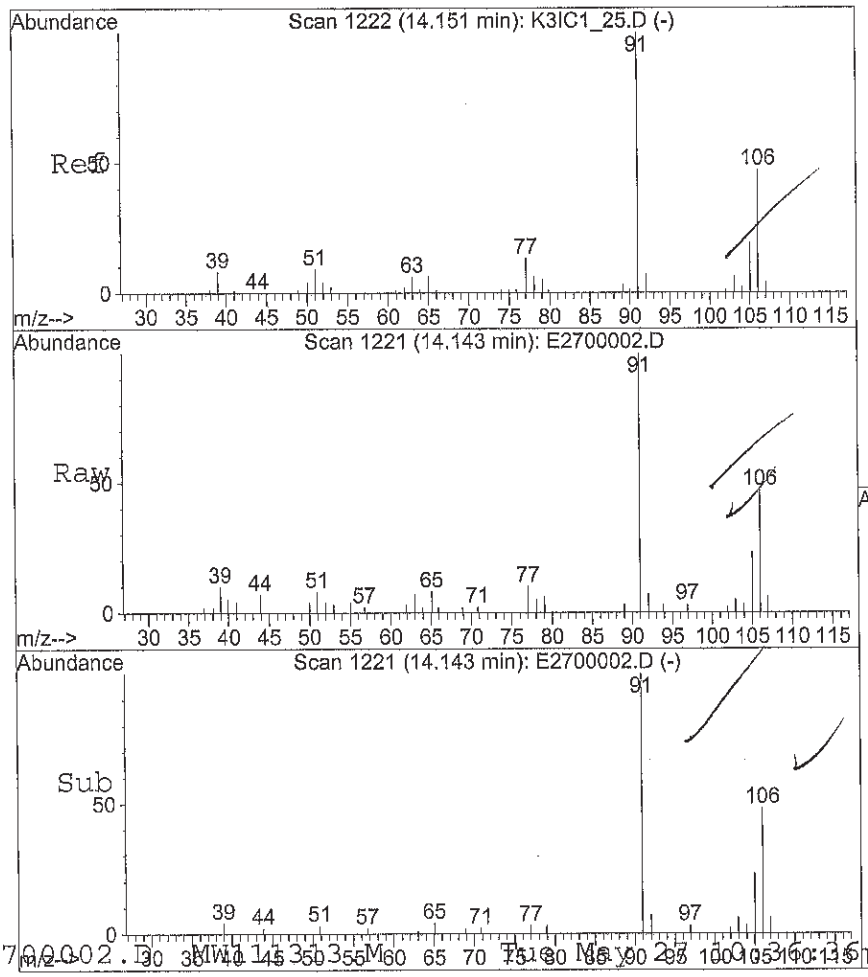


#51
Ethylbenzene
Concen: 1.27 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 91 Resp: 26025

Ion	Ratio	Lower	Upper
91	100		
106	32.6	23.5	35.3

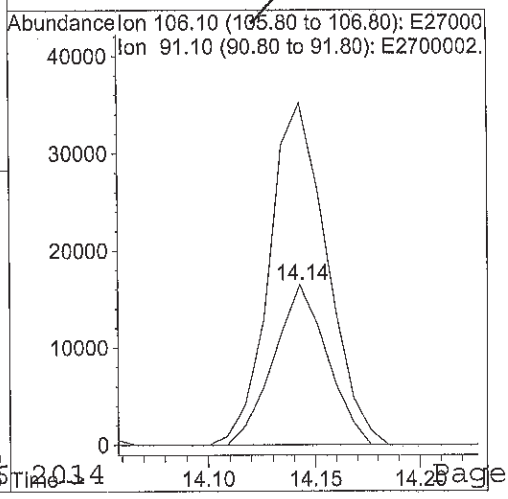


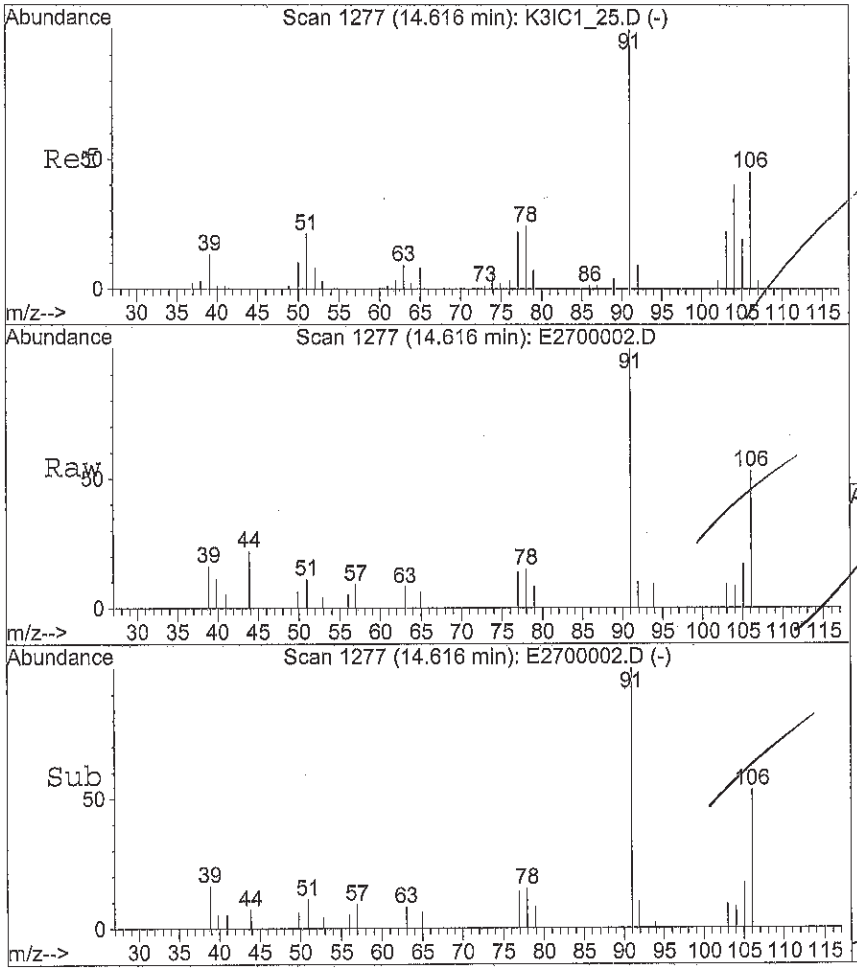


#52
m,p-Xylenes
Concen: 3.96 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion:106 Resp: 28793

Ion	Ratio	Lower	Upper
106	100		
91	229.2	177.1	265.7

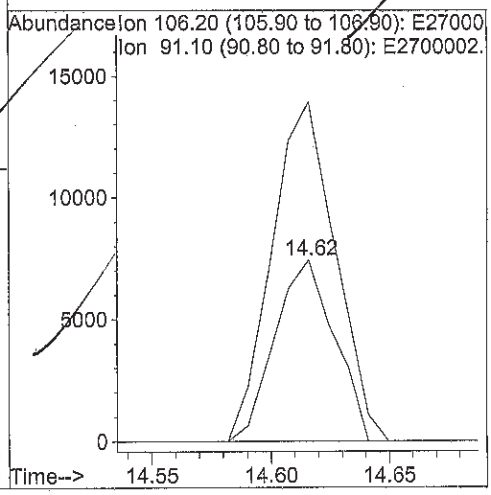


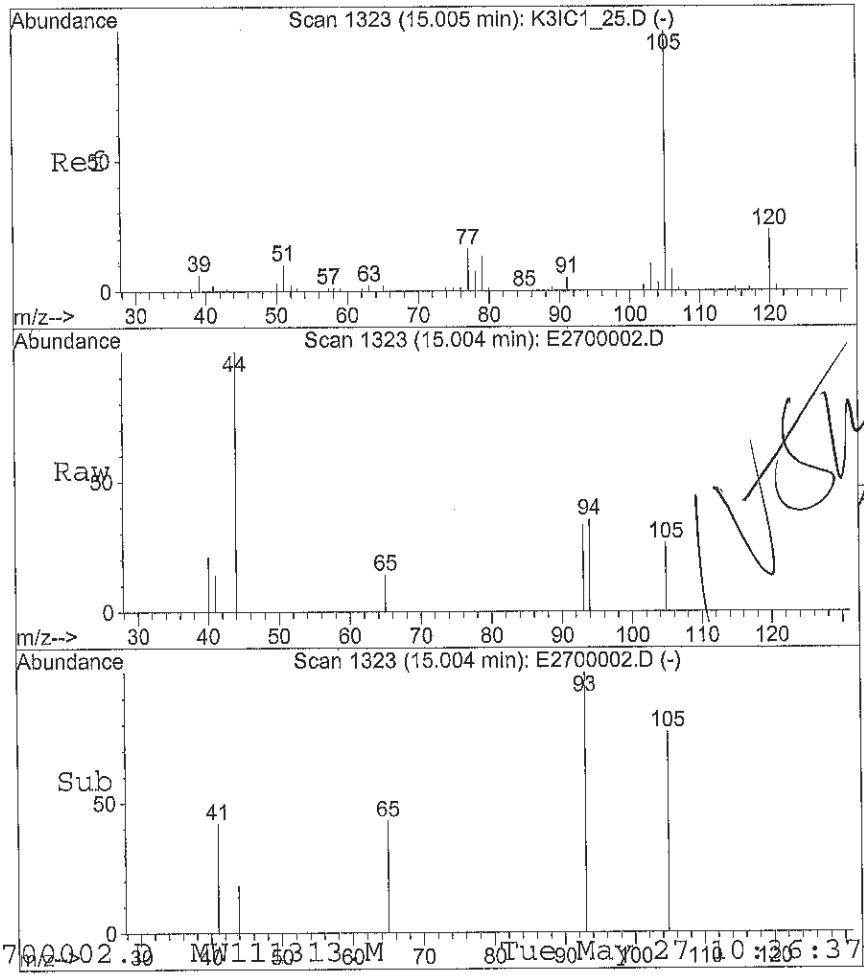


#53
o-Xylene
Concen: 1.79 ug/L
RT: 14.62 min Scan# 1277
Delta R.T. -0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion:106 Resp: 12886

Ion	Ratio	Lower	Upper
106	100		
91	199.8	179.0	268.6

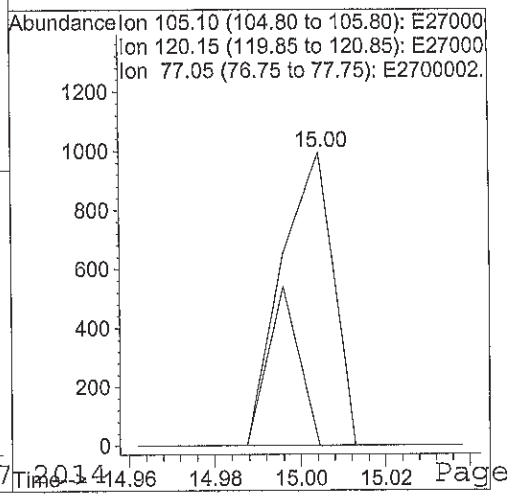


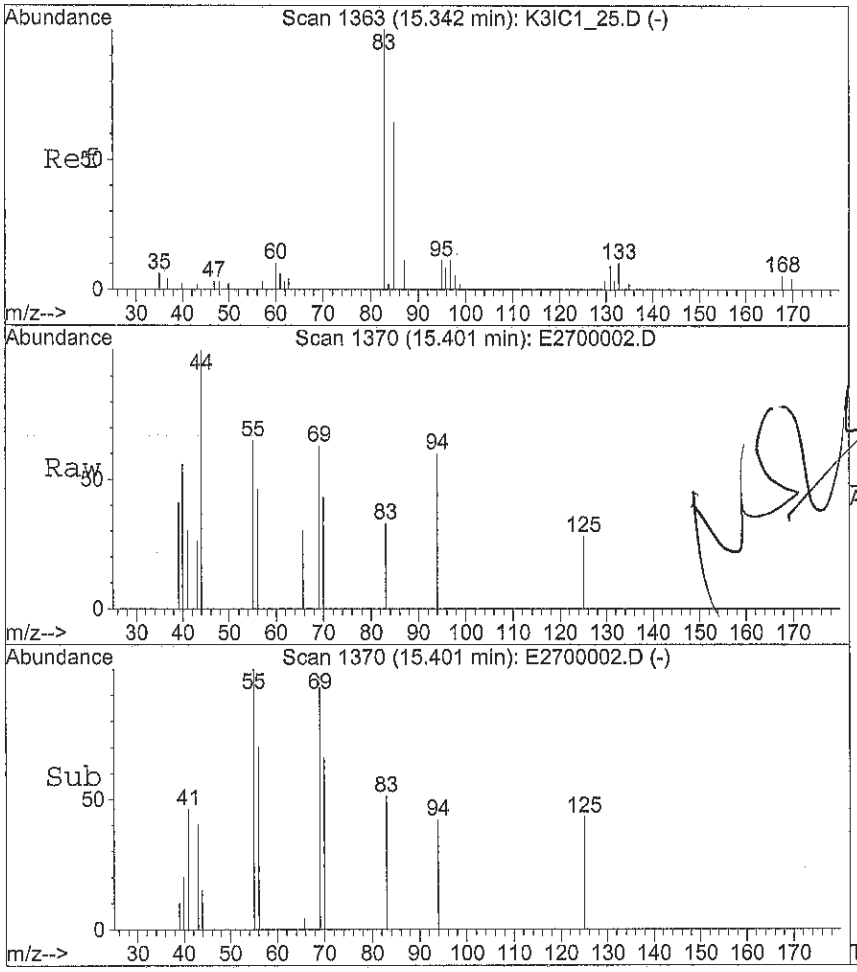


#56
Isopropylbenzene
Concen: 0.04 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion:105 Resp: 835

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	32.8	13.1	19.7#

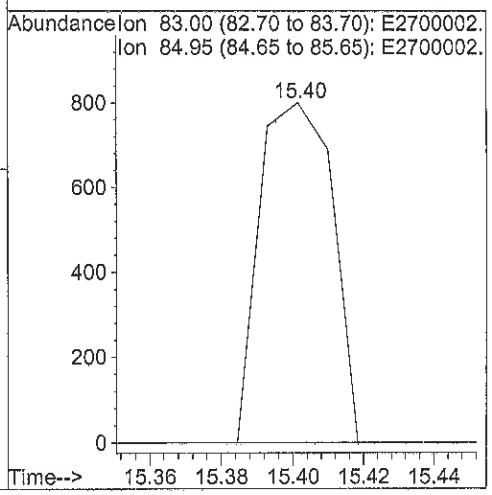


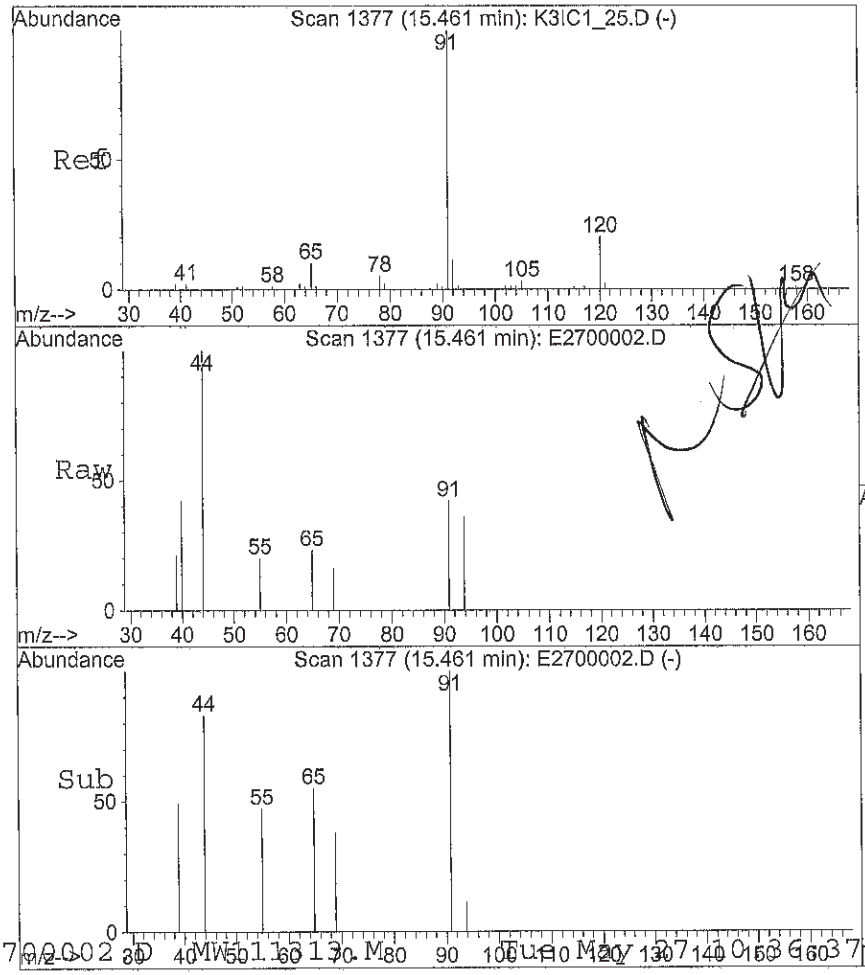


#60
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/L
RT: 15.40 min Scan# 1370
Delta R.T. 0.06 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 83 Resp: 1132

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.2	76.8#

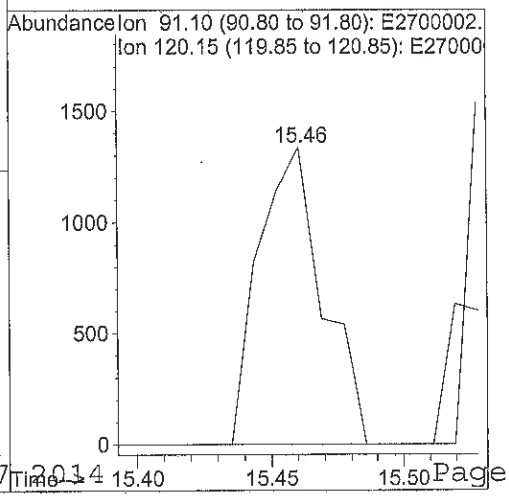


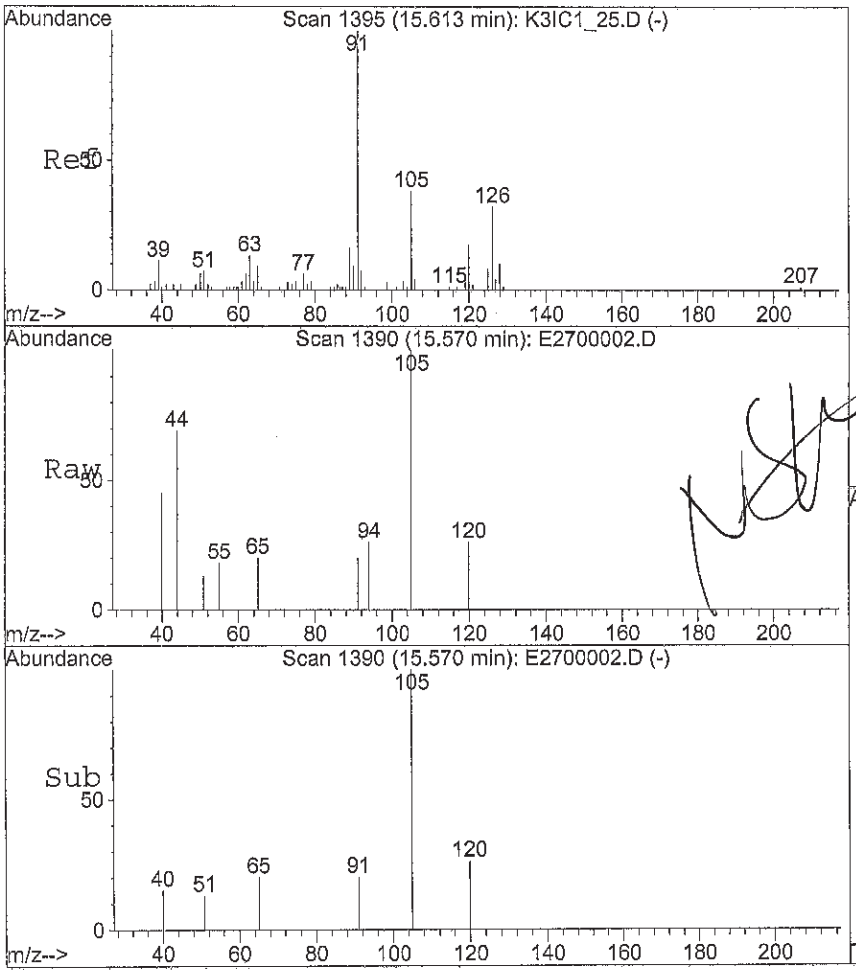


#62
n-Propylbenzene
Concen: 0.08 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 91 Resp: 2233

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

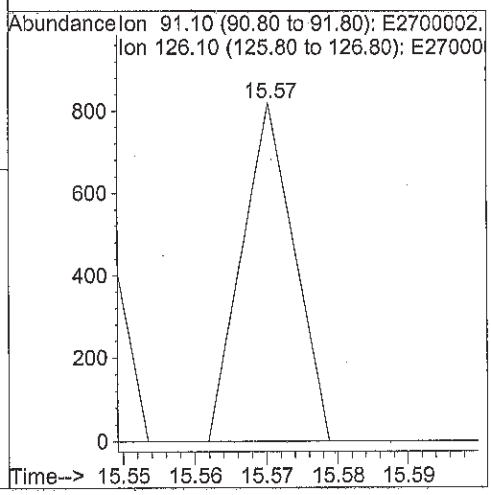


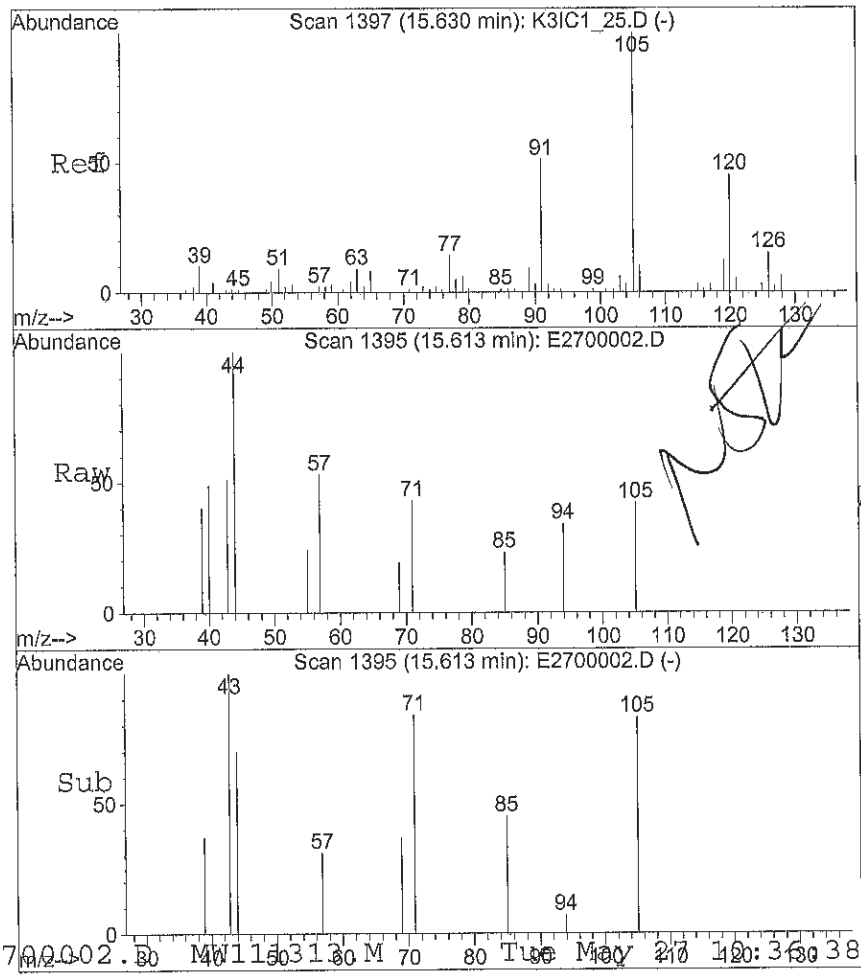


#63
2-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.57 min Scan# 1390
Delta R.T. -0.04 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 91 Resp: 416

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

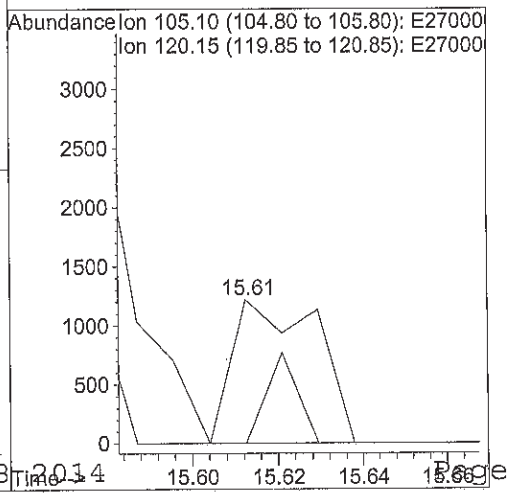


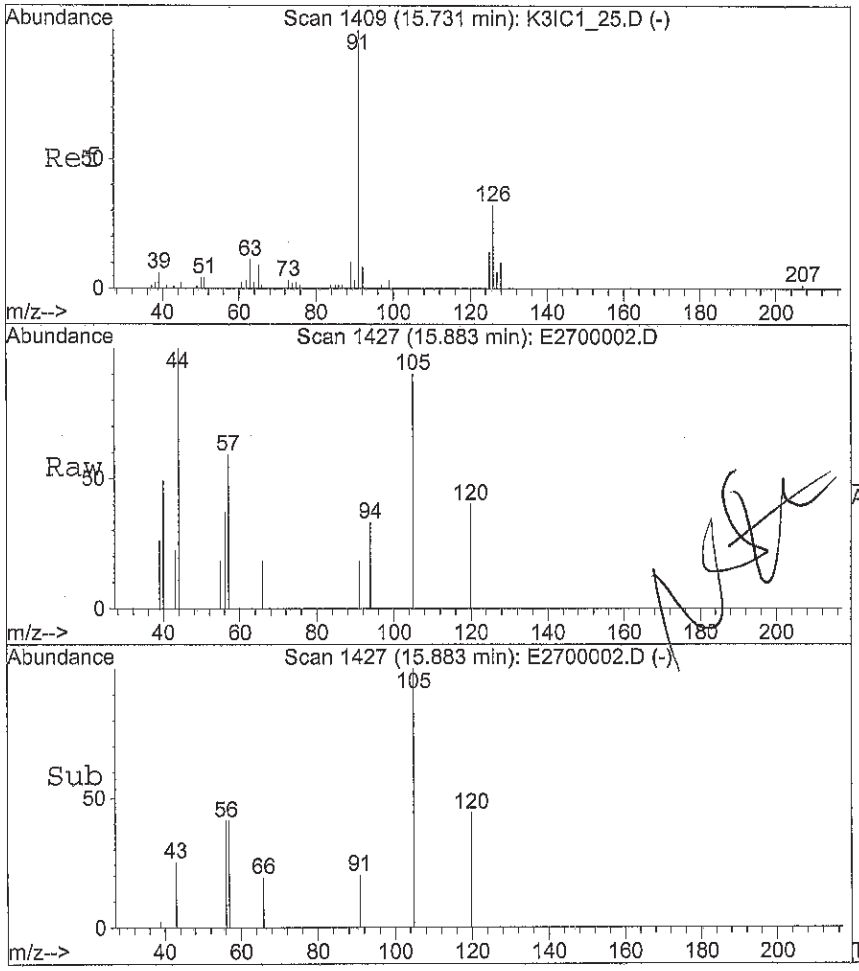


#64
1,3,5-Trimethylbenzene
Concen: 0.10 ug/L
RT: 15.61 min Scan# 1395
Delta R.T. -0.02 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion:105 Resp: 1666

Ion	Ratio	Lower	Upper
105	100		
120	23.4	36.4	54.6#

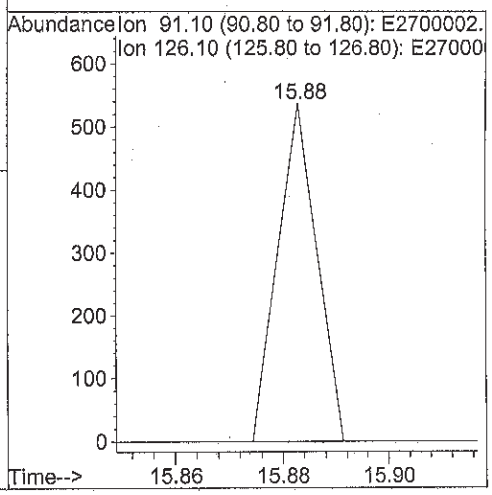


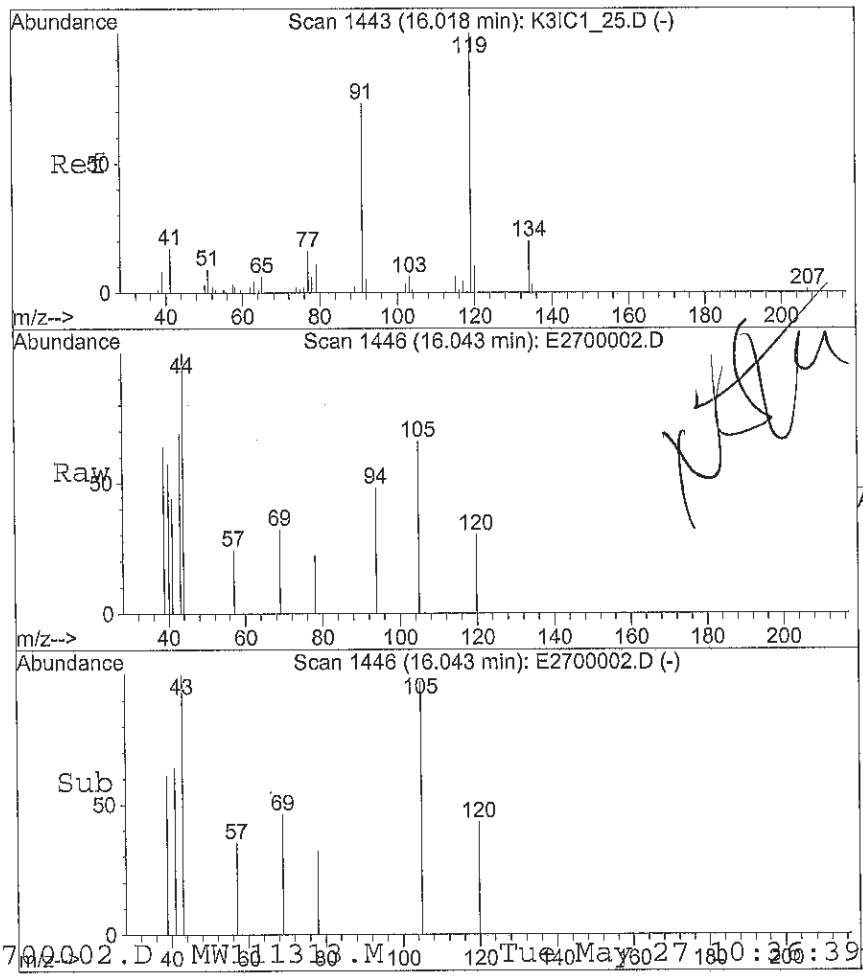


#65
4-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.88 min Scan# 1427
Delta R.T. 0.15 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion: 91 Resp: 272

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

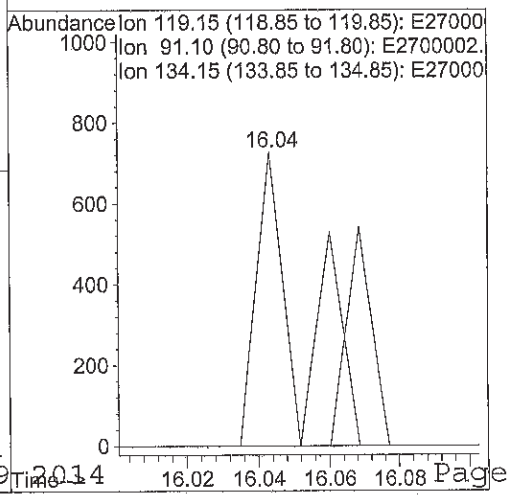


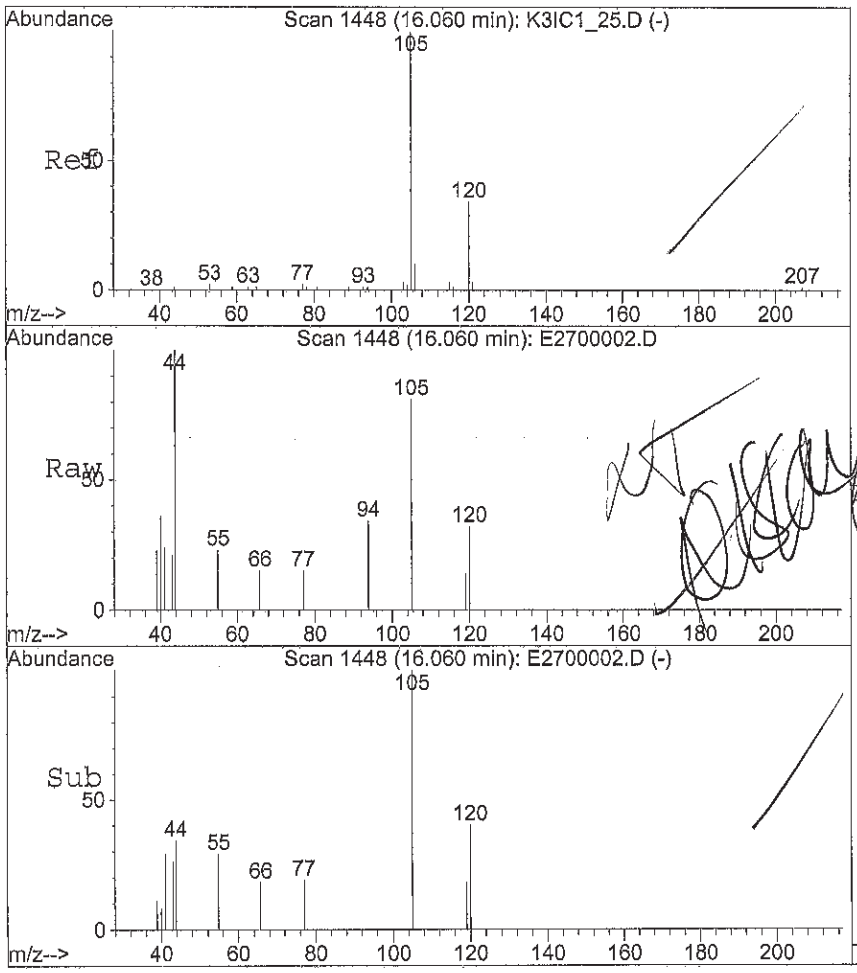


#66
tert-Butylbenzene
Concen: 0.04 ug/L
RT: 16.04 min Scan# 1446
Delta R.T. 0.03 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion:119 Resp: 637

Ion	Ratio	Lower	Upper
119	100		
91	0.0	56.3	84.5#
134	0.0	16.1	24.1#

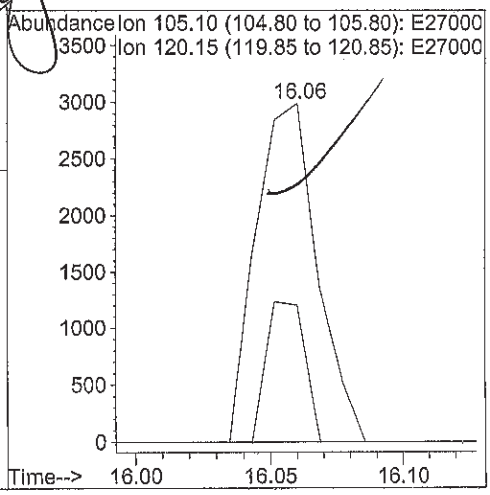


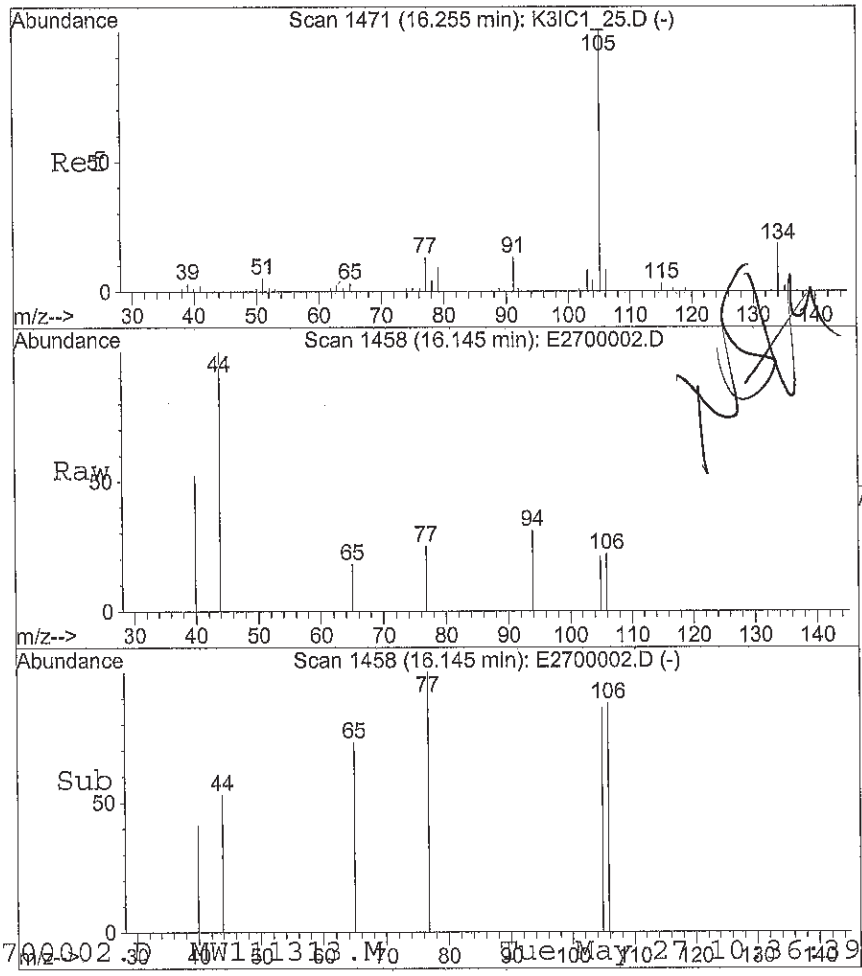


#67
1,2,4-Trimethylbenzene
Concen: 0.26 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.00 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion:105 Resp: 4740

Ion	Ratio	Lower	Upper
105	100		
120	26.0	33.8	50.8#

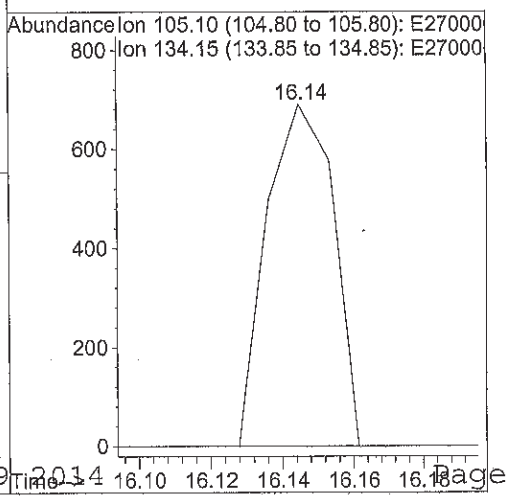


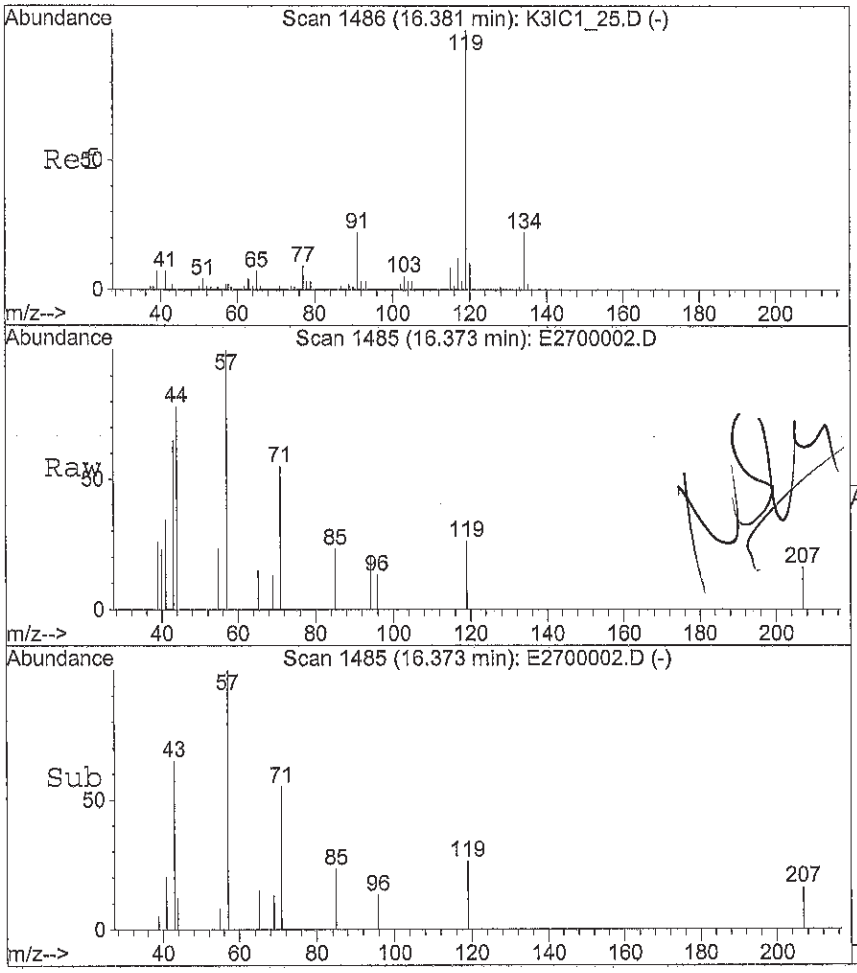


#68
sec-Butylbenzene
Concen: 0.04 ug/L
RT: 16.14 min Scan# 1458
Delta R.T. -0.11 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion:105 Resp: 897

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

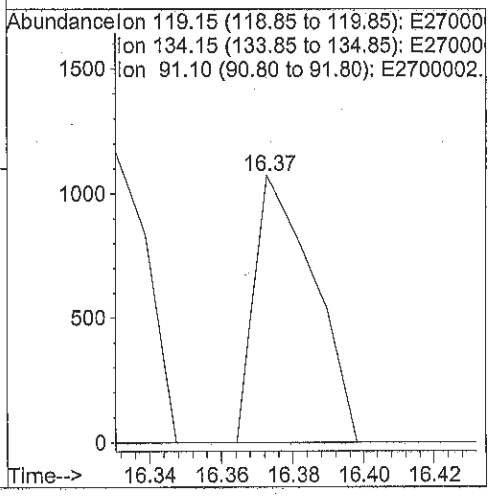




#69
p-Isopropyltoluene
Concen: 0.07 ug/L
RT: 16.37 min Scan# 1485
Delta R.T. -0.01 min
Lab File: E2700002.D
Acq: 27 May 2014 9:58 am

Tgt Ion:119 Resp: 1234

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700002.D Vial: 1
Acq On : 27 May 2014 9:58 am Operator: DN
Sample : 3E42701-02 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 10:36 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1799866	12.50	ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.91	117	1320042	12.50	ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	691378	12.50	ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	494253	10.56	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 84.48%			
3) Chloroform-d (SU6)	9.18	84	813936	12.12	ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 96.96%			
4) Methylene Chloride-d2 (SU5	7.08	86	463039	11.80	ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 94.40%			
5) 1,2-Dichloroethane-d4 (SU2	9.89	65	491526	15.37	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 122.96%			
6) Benzene-d6 (SU7)	9.93	84	1576905	11.16	ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 89.28%			
8) Toluene-d8 (SU3)	12.20	98	1520313	12.14	ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 97.12%			
9) 4-Bromofluorobenzene (SU4)	15.22	95	725194	14.03	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 112.24%			

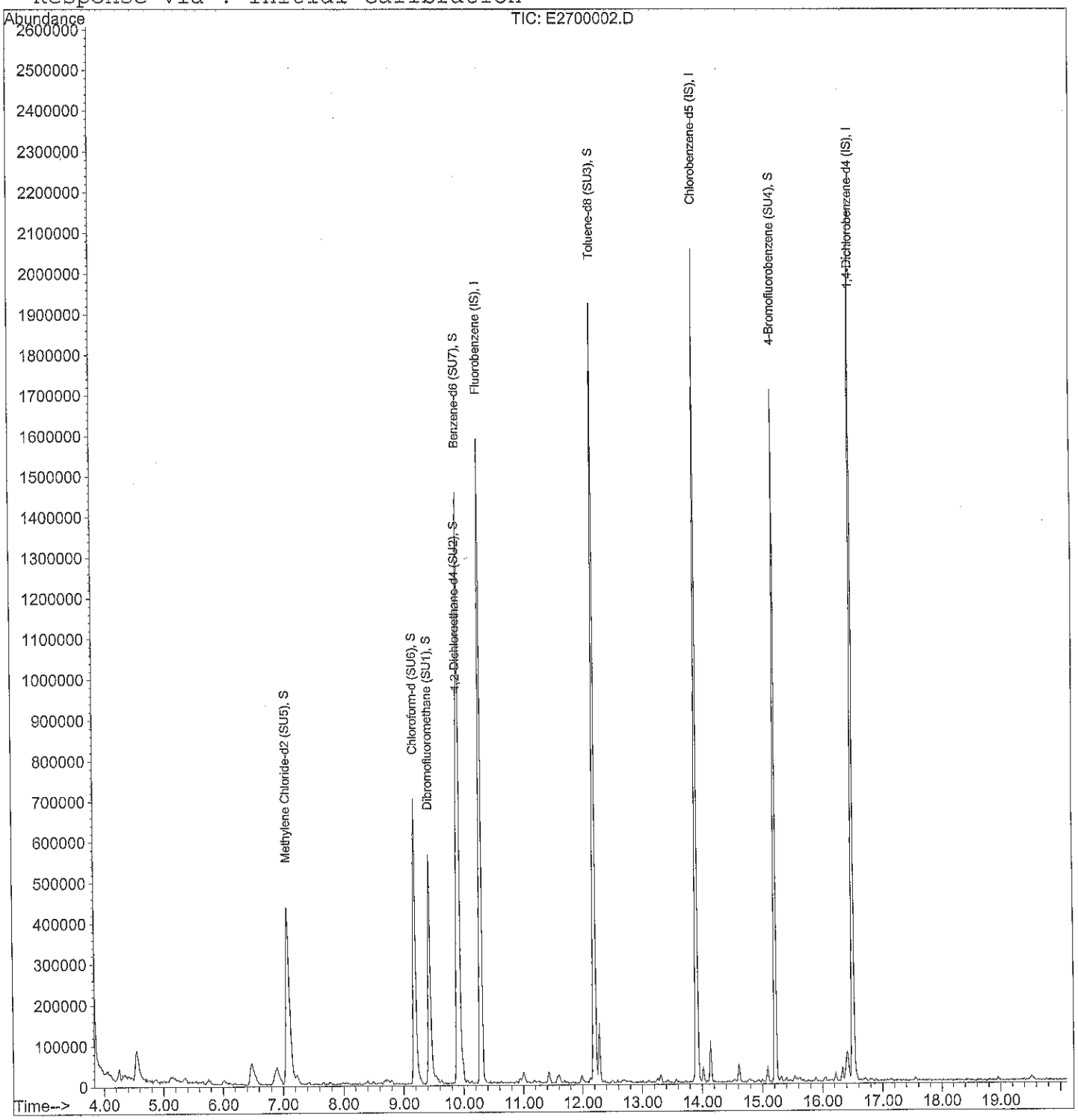
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700002.D Vial: 1
Acq On : 27 May 2014 9:58 am Operator: DN
Sample : 3E42701-02 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 10:36 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700004.D Vial: 3
Acq On : 27 May 2014 10:57 am Operator: DN
Sample : 3E42701-03 Inst : GC/MS Ins
Misc : 100cc SVL-802-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:30 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1745598	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1321272	12.50 ug/L	-0.01
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	716932	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	499272	11.47 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 91.76%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	500264	12.09 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.72%		
39) Toluene-d8 (SU3)	12.20	98	1522306	12.35 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 98.80%		
58) 4-Bromofluorobenzene (SU4)	15.22	95	713995	13.21 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 105.68%		

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.13	85	325	0.08 ~~ug/L~~ # NM	44
4) Chloromethane	4.42	50	6825	1.11 ~~ug/L~~ #	41
6) Bromomethane	5.12	96	11107	4.01 ~~ug/L~~ #	64
7) Chloroethane	5.23	64	573	1.08 ~~ug/L~~	93
11) Acetone	6.47	58	23213	37.30 ~~ug/L~~ NT	68
12) (IPA) Leak Check Compound	6.48	45	109759	523.26 ~~ug/L~~ # NM	85
13) Carbon disulfide	6.86	76	91217	6.29 ug/L 0.125	98
14) Methylene Chloride	7.07	84	6783	1.41 ~~ug/L~~ # NM	1
15) (TBA) tert-Butanol	6.92	59	2665	8.95 ~~ug/L~~ # NT	77
21) (MEK) 2-Butanone	8.79	72	1128	2.30 ~~ug/L~~ # NM	1
24) Chloroform	9.21	83	2633	0.29 ~~ug/L~~ #	18
25) (ETBE) 2-ethoxy 2-methyl p	8.41	59	449	0.04 ~~ug/L~~ #	44
29) 1,1-Dichloropropene	9.92	75	284	0.04 ~~ug/L~~ #	1
31) Benzene	9.98	78	17478	1.06 ~~ug/L~~ # NM	81
32) 1,2-Dichloroethane	9.92	62	7790	1.34 ~~ug/L~~ #	1
34) 1,2-Dichloropropane	11.03	63	609	0.16 ~~ug/L~~ #	2
40) (MIBK) 4-Methyl-2-Pentanon	12.19	43	7890	2.99 ~~ug/L~~ # T	100
41) Toluene	12.28	91	91885	5.10 ug/L 0.107	96
46) 2-Hexanone	12.97	43	1334	0.46 ~~ug/L~~ #	37
51) Ethylbenzene	14.02	91	20349	0.99 ug/L 0.0198	91
52) m,p-Xylenes	14.14	106	20727	2.85 ug/L 0.057	97
53) o-Xylene	14.61	106	8783	1.22 ug/L 0.0244	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700004.D Vial: 3
Acq On : 27 May 2014 10:57 am Operator: DN
Sample : 3E42701-03 Inst : GC/MS Ins
Misc : 100cc SVL-802-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:30 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

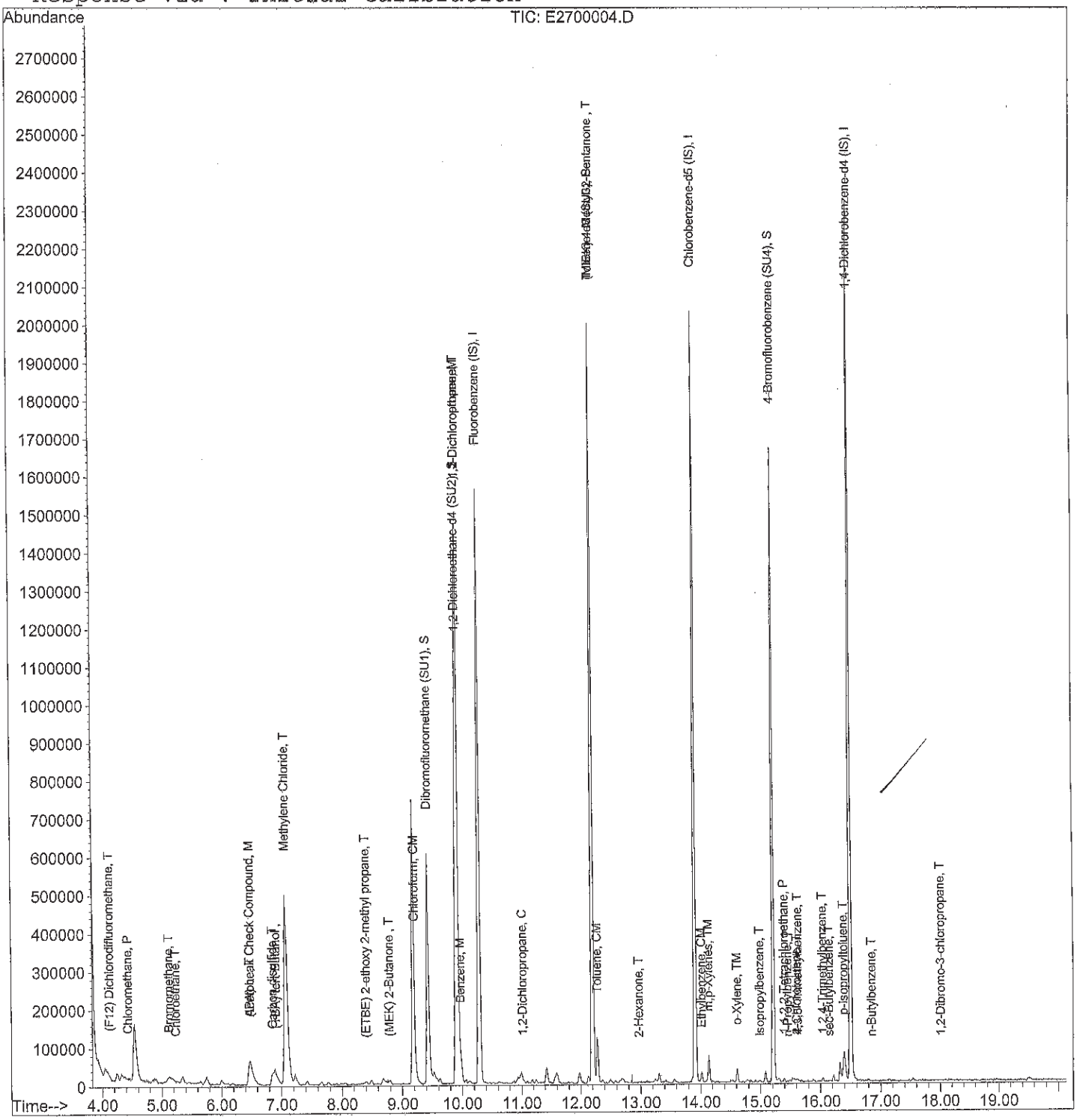
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
54)	Styrene	14.62	104	1905	-0.69 ~~ug/L~~	# NSV	1
56)	Isopropylbenzene	15.00	105	1060	0.05 ~~ug/L~~	#	55
60)	1,1,2,2-Tetrachloroethane	15.40	83	313	0.06 ~~ug/L~~	#	18
62)	n-Propylbenzene	15.45	91	1988	0.07 ~~ug/L~~	#	56
63)	2-Chlorotoluene	15.62	91	552	0.03 ~~ug/L~~	#	45
64)	1,3,5-Trimethylbenzene	15.62	105	710	0.04 ~~ug/L~~	# NSV	31
65)	4-Chlorotoluene	15.62	91	552	0.03 ~~ug/L~~	#	44
67)	1,2,4-Trimethylbenzene	16.05	105	3152	0.17 ~~ug/L~~	#	57
68)	sec-Butylbenzene	16.15	105	883	0.04 ~~ug/L~~	#	62
69)	p-Isopropyltoluene	16.38	119	1416	0.07 ~~ug/L~~	#	52
72)	n-Butylbenzene	16.85	91	272	0.01 ~~ug/L~~	#	30
74)	1,2-Dibromo-3-chloropropan	18.00	75	289	1.23 ~~ug/L~~	#	6

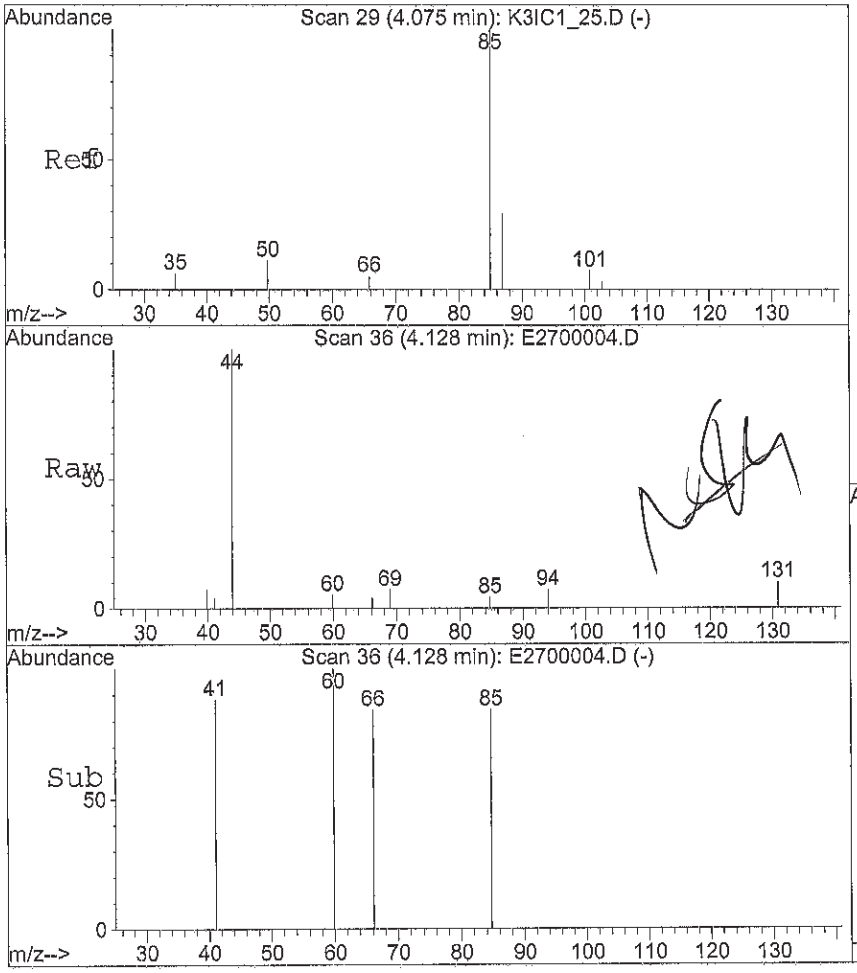
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700004.D Vial: 3
Acq On : 27 May 2014 10:57 am Operator: DN
Sample : 3E42701-03 Inst : GC/MS Ins
Misc : 100cc SVL-802-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:30 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

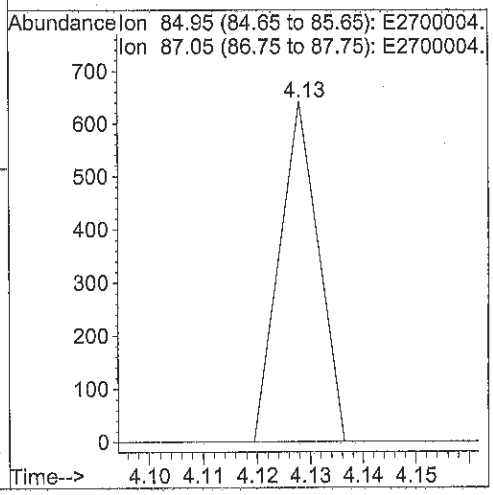


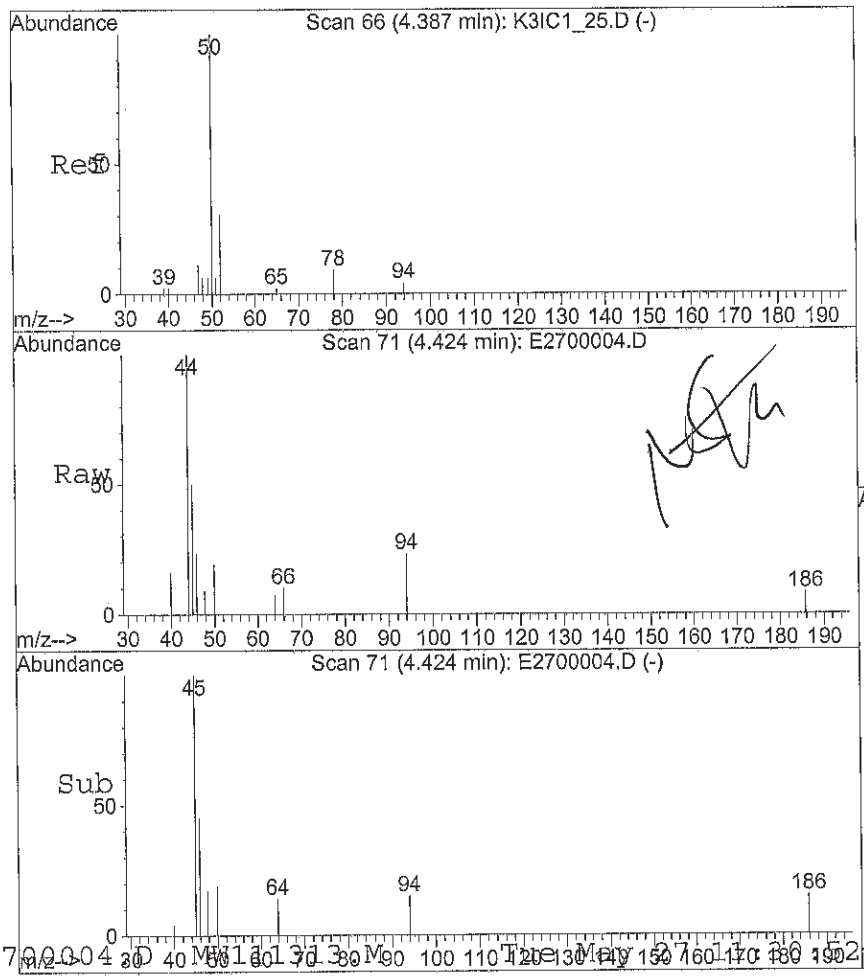


#3
(F12) Dichlorodifluoromethane
Concen: 0.08 ug/L
RT: 4.13 min Scan# 36
Delta R.T. 0.05 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 85 Resp: 325

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.6	37.0#

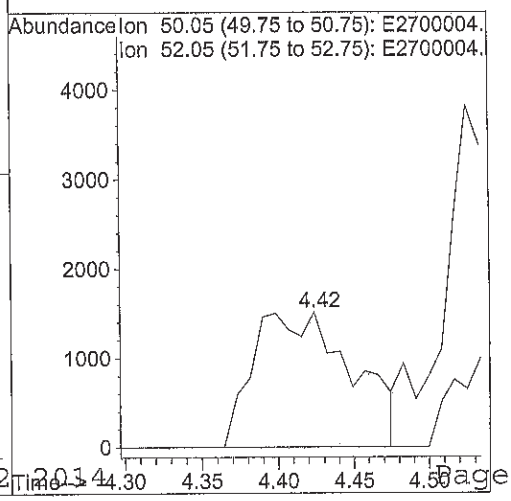


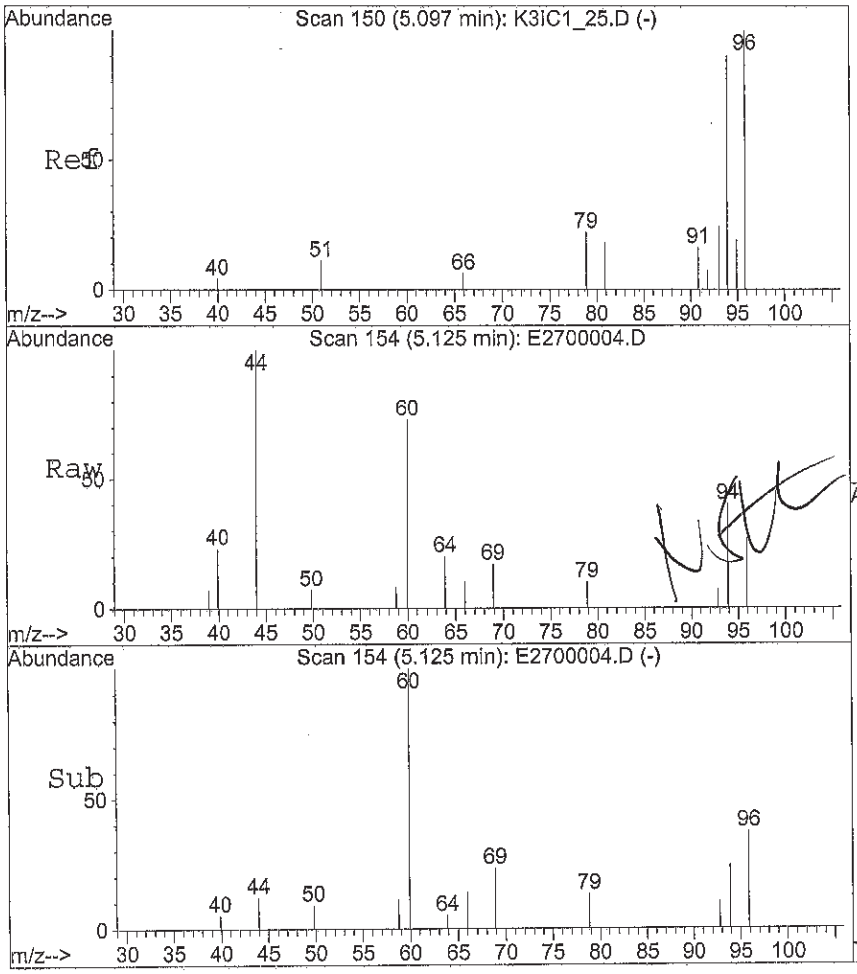


#4
Chloromethane
Concen: 1.11 ug/L
RT: 4.42 min Scan# 71
Delta R.T. 0.04 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 50 Resp: 6825

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.9	40.3#

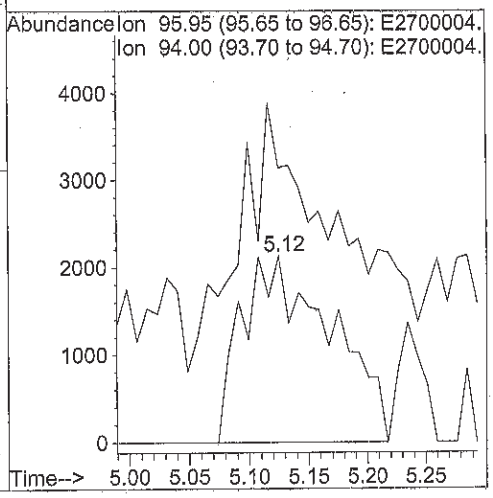


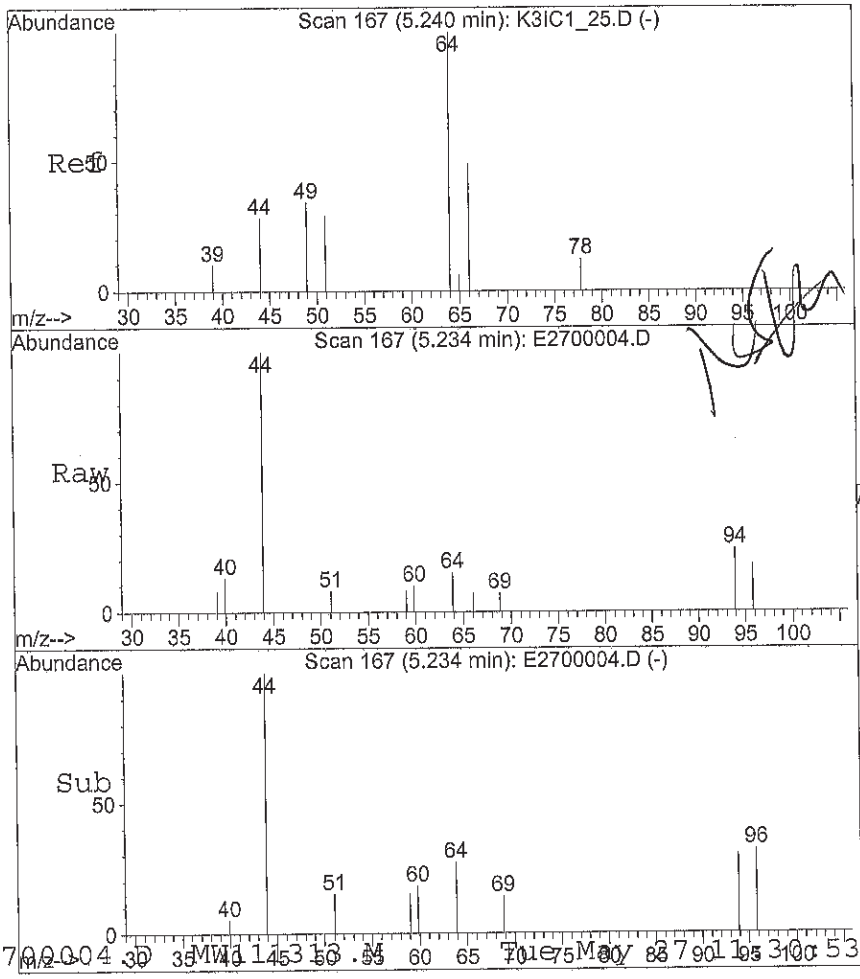


#6
Bromomethane
Concen: 4.01 ug/L
RT: 5.12 min Scan# 154
Delta R.T. 0.03 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 96 Resp: 11107

Ion	Ratio	Lower	Upper
96	100		
94	167.7	101.0	151.4#

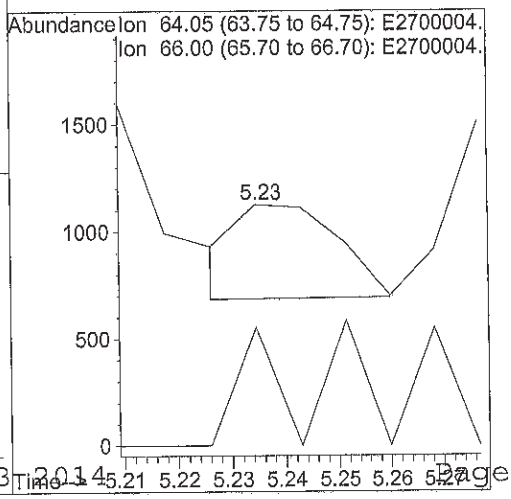


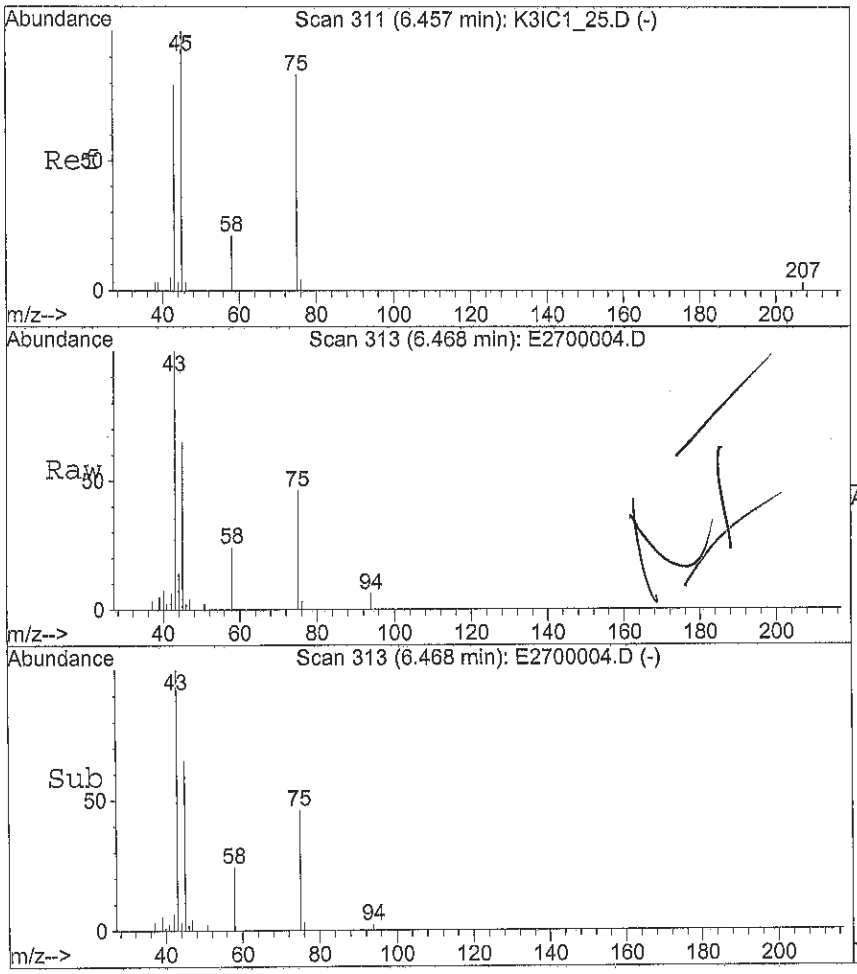


#7
Chloroethane
Concen: 1.08 ug/L
RT: 5.23 min Scan# 167
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 64 Resp: 573

Ion	Ratio	Lower	Upper
64	100		
66	49.0	35.4	53.0

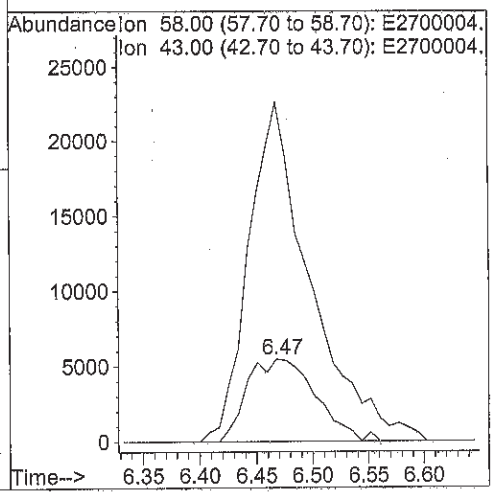


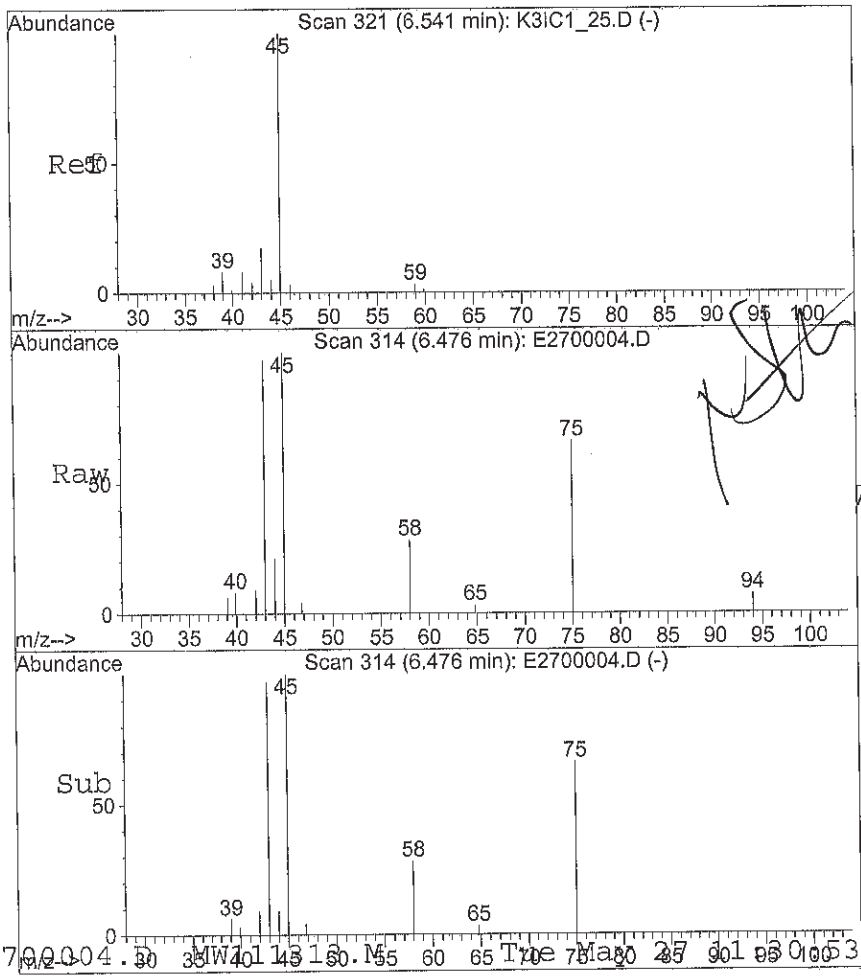


#11
Acetone
Concen: 37.30 ug/L
RT: 6.47 min Scan# 313
Delta R.T. 0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 58 Resp: 23213

Ion	Ratio	Lower	Upper
58	100		
43	369.2	360.9	541.3

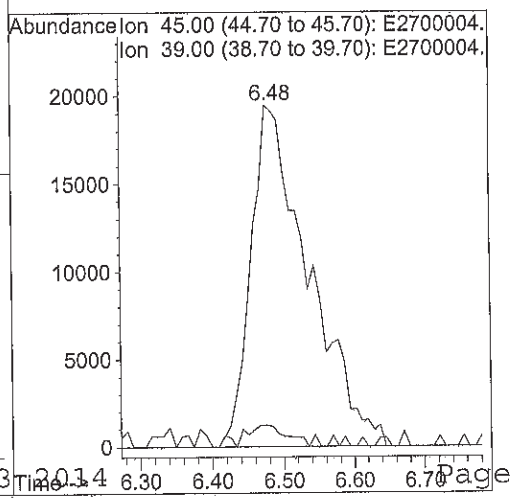


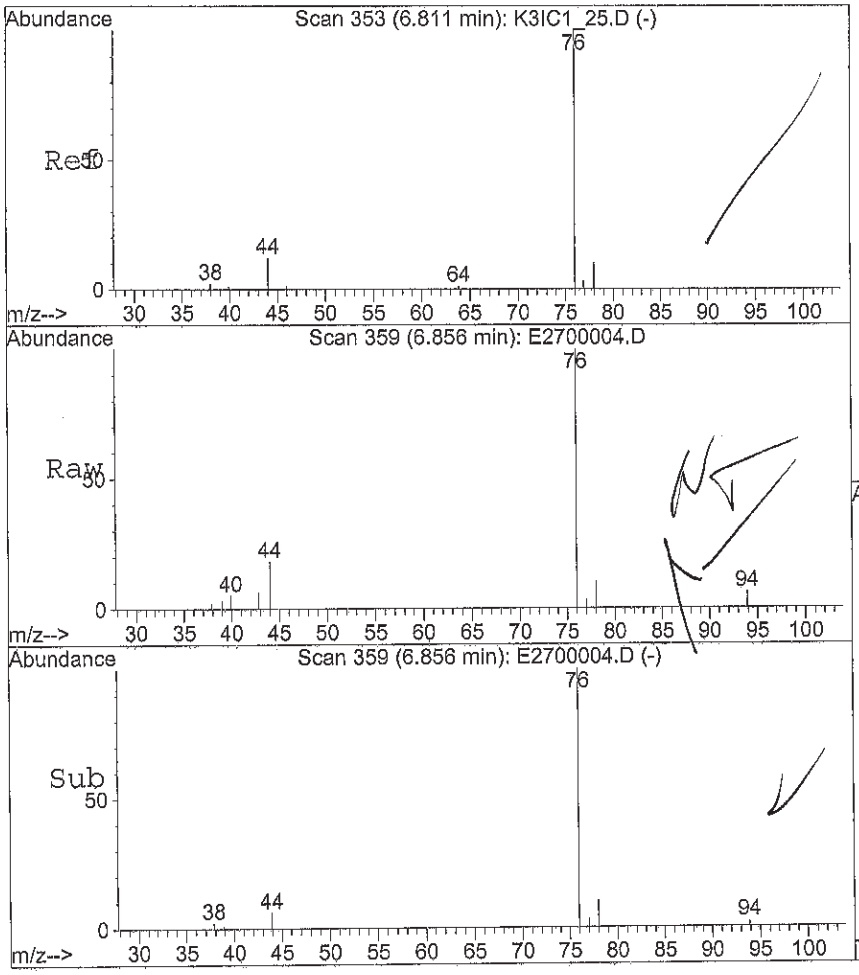


#12
(IPA) Leak Check Compound
Concen: 523.26 ug/L
RT: 6.48 min Scan# 314
Delta R.T. -0.06 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 45 Resp: 109759

Ion	Ratio	Lower	Upper
45	100		
39	4.3	4.9	7.3#

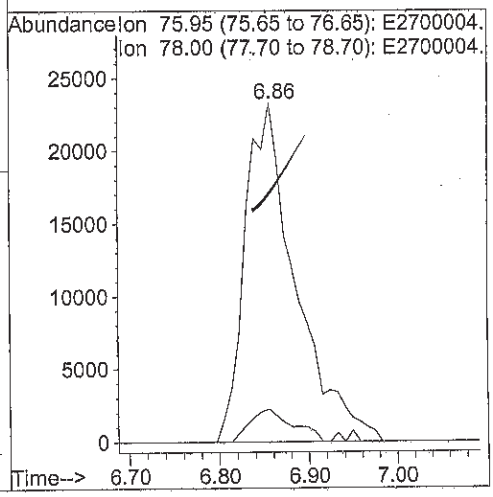


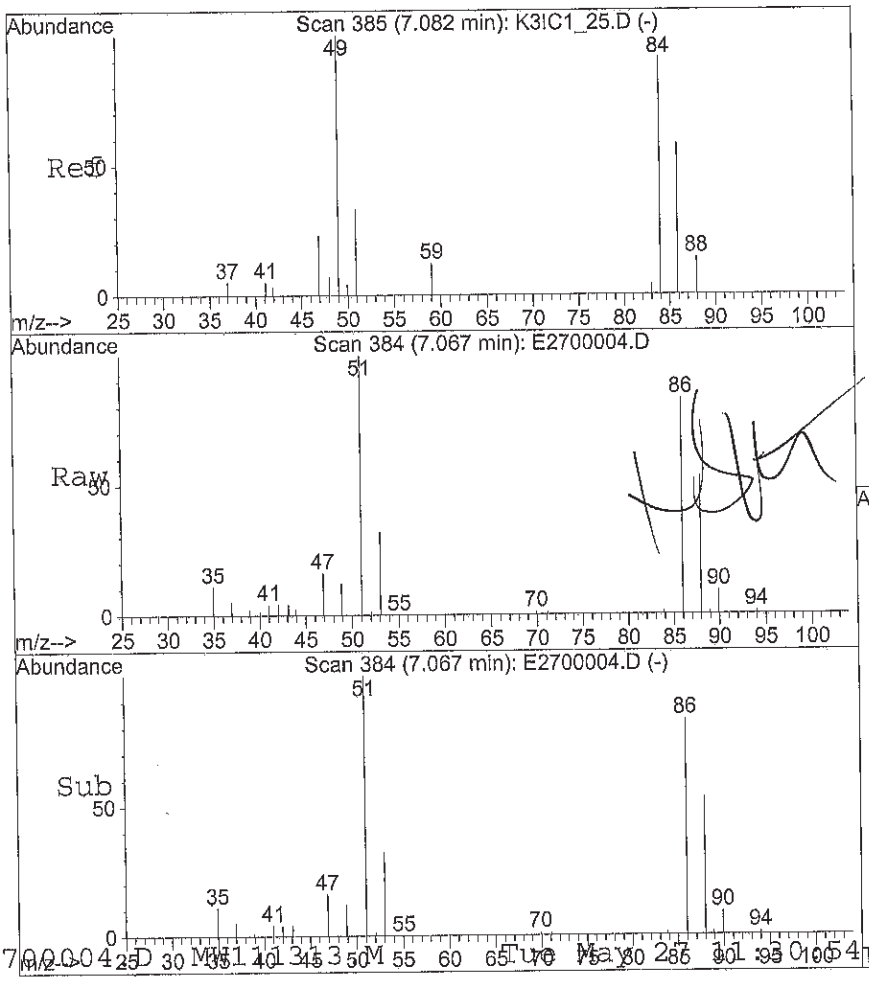


#13
Carbon disulfide
Concen: 6.29 ug/L
RT: 6.86 min Scan# 359
Delta R.T. 0.04 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 76 Resp: 91217

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.0	10.4

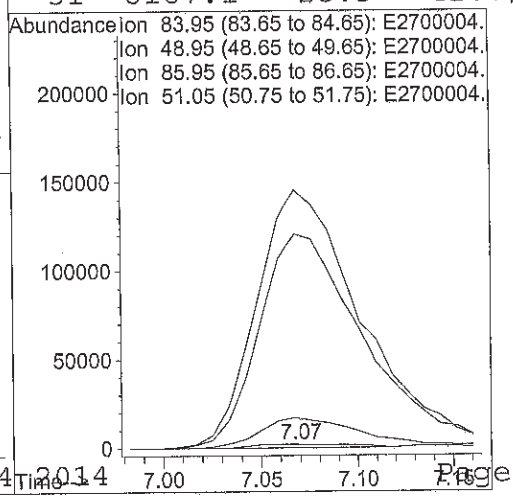


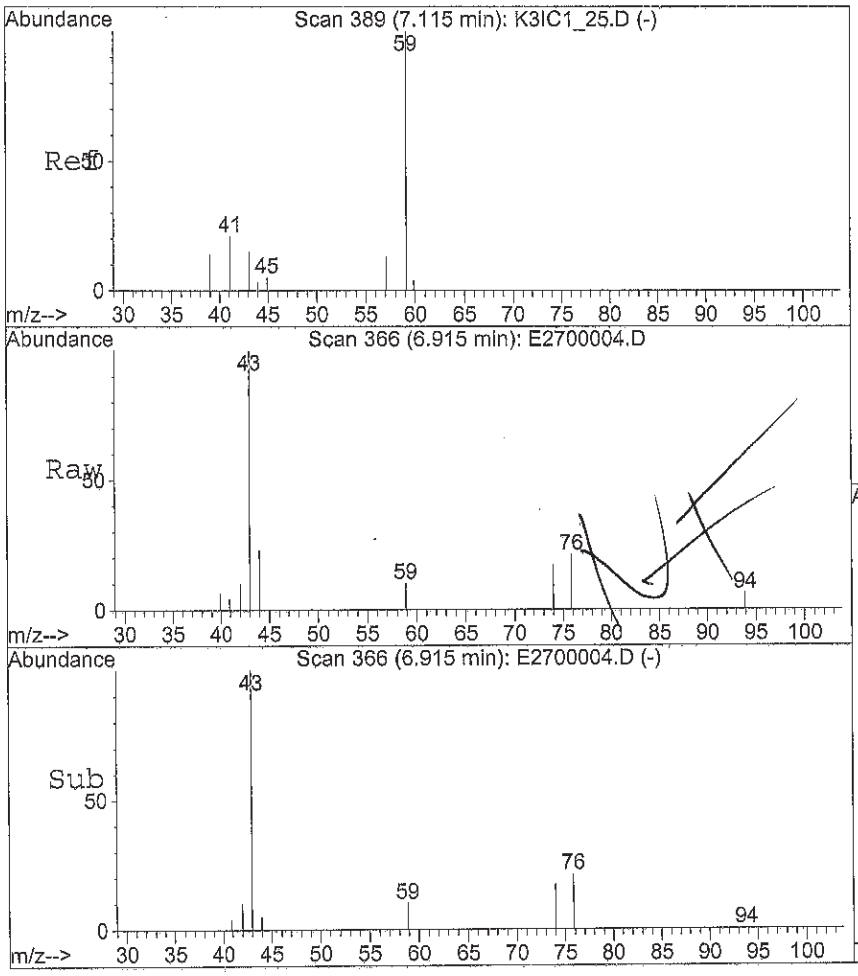


#14
Methylene Chloride
Concen: 1.41 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 84 Resp: 6783

Ion	Ratio	Lower	Upper
84	100		
49	910.6	89.8	134.6#
86	6782.9	51.1	76.7#
51	8167.1	28.5	42.7#

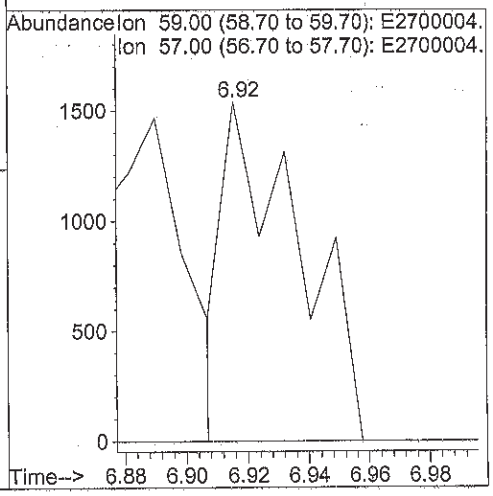


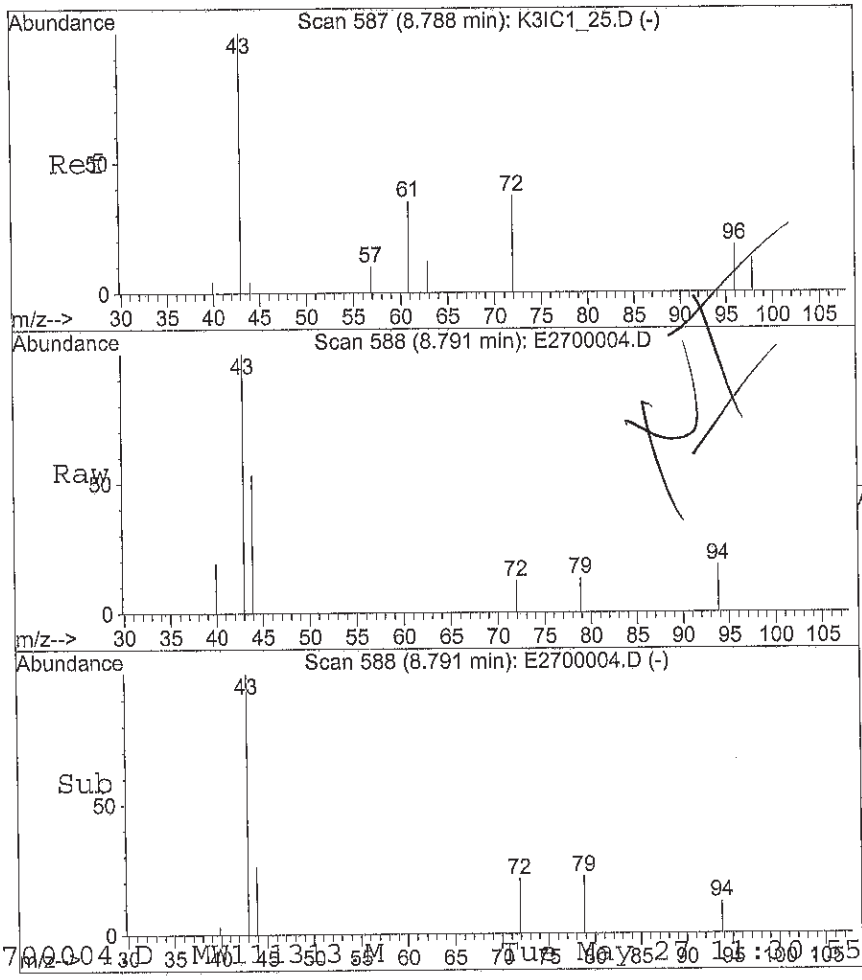


#15
(TBA) tert-Butanol
Concen: 8.95 ug/L
RT: 6.92 min Scan# 366
Delta R.T. -0.20 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 59 Resp: 2665

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

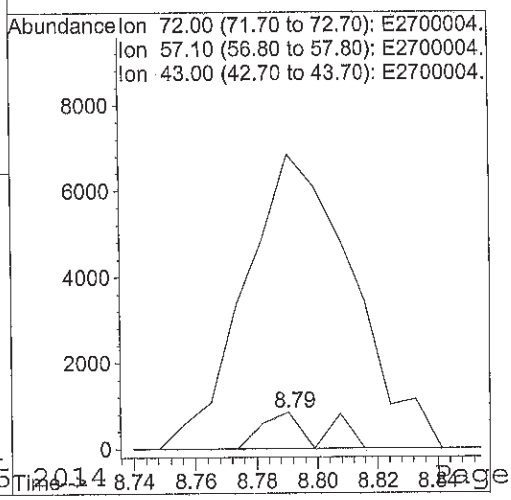


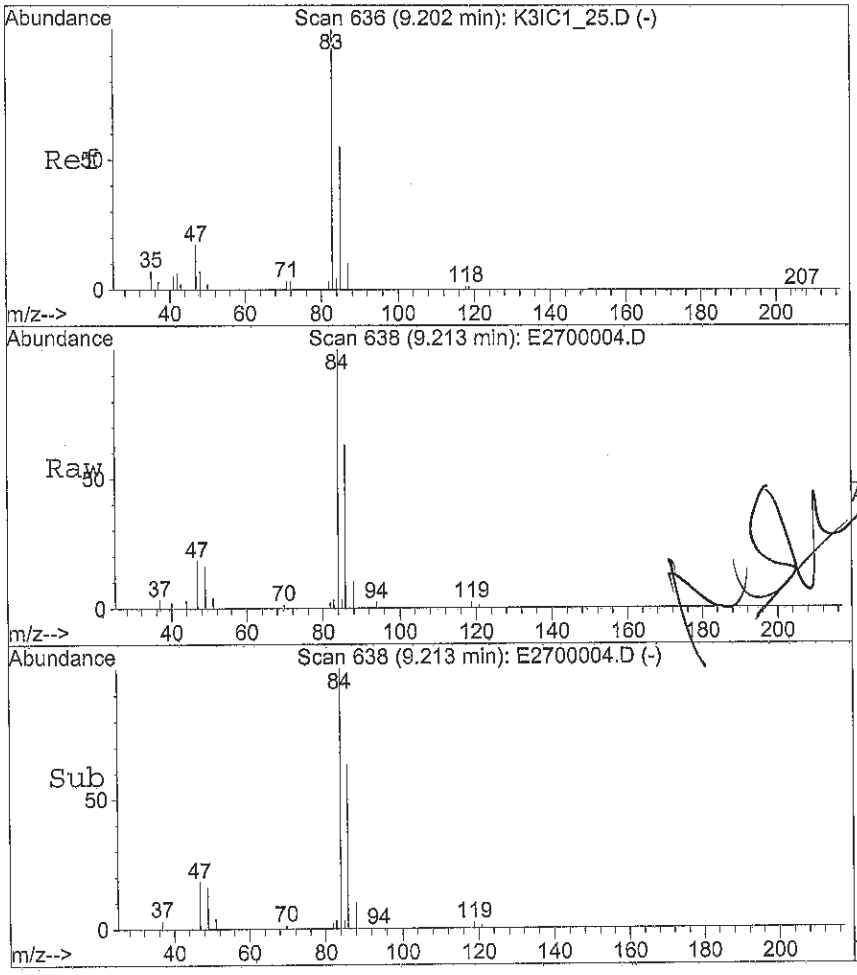


#21
(MEK) 2-Butanone
Concen: 2.30 ug/L
RT: 8.79 min Scan# 588
Delta R.T. 0.00 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 72 Resp: 1128

Ion	Ratio	Lower	Upper
72	100		
57	0.0	17.5	26.3#
43	1499.6	314.2	471.2#

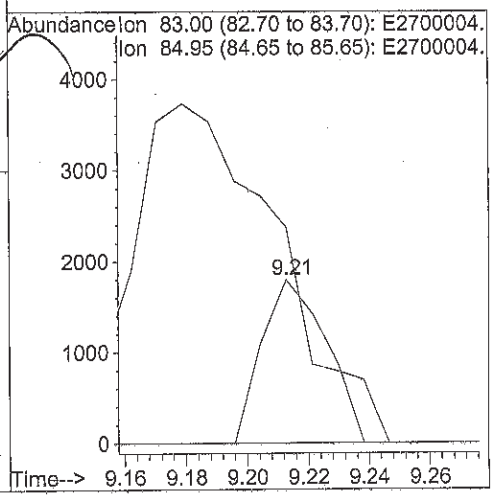


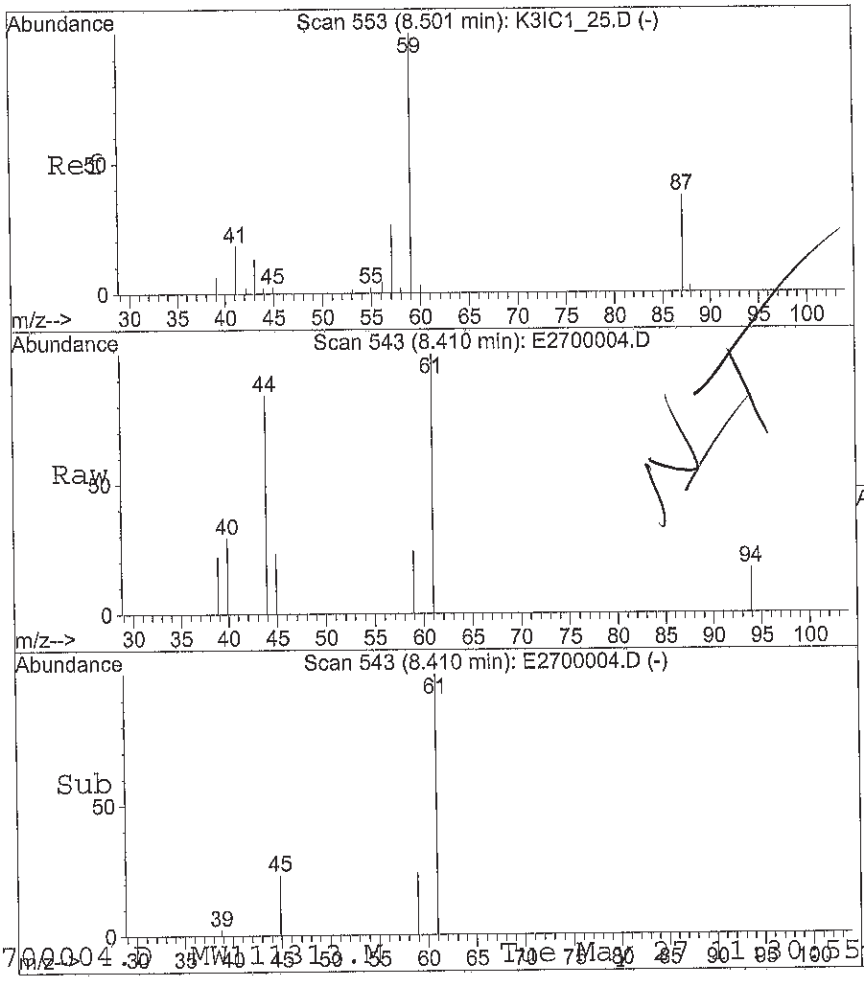


#24
Chloroform
Concen: 0.29 ug/L
RT: 9.21 min Scan# 638
Delta R.T. 0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 83 Resp: 2633

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

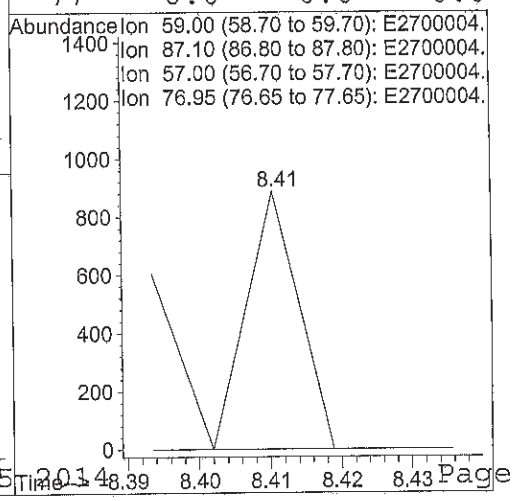


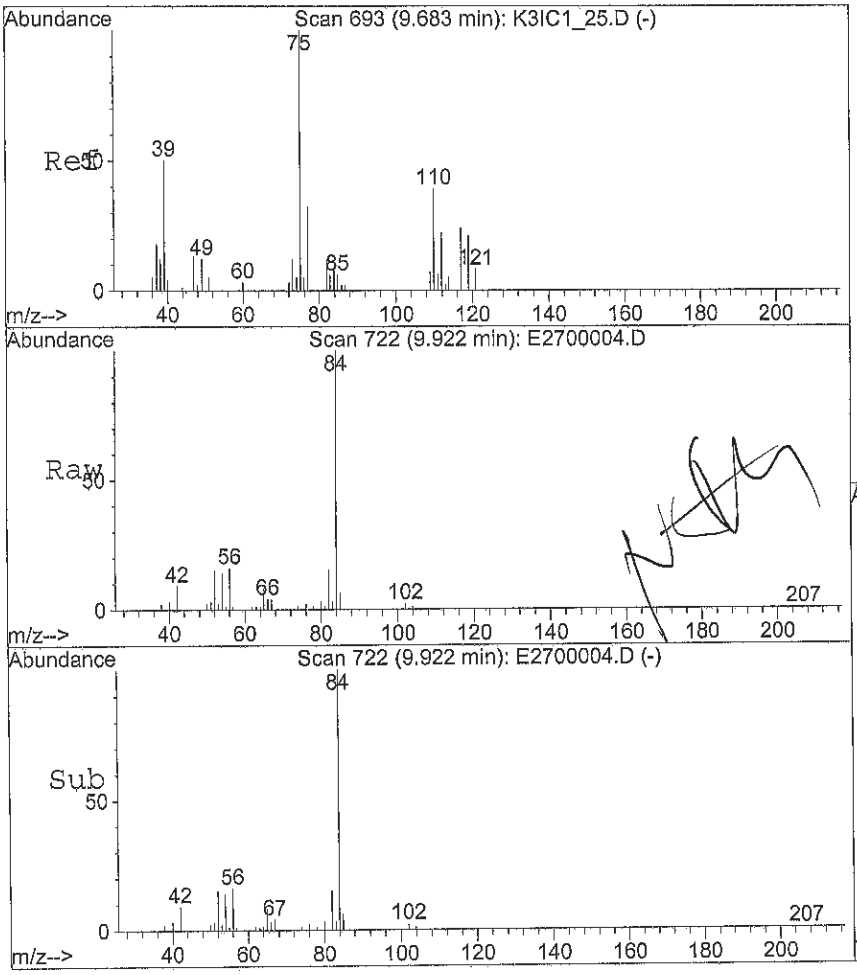


#25
(ETBE) 2-ethoxy 2-methyl propan
Concen: 0.04 ug/L
RT: 8.41 min Scan# 543
Delta R.T. -0.09 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 59 Resp: 449

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

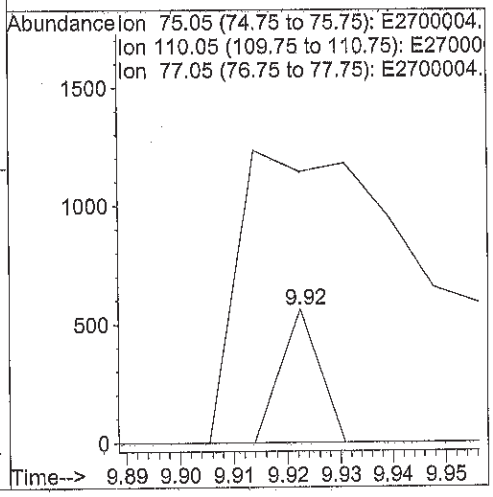


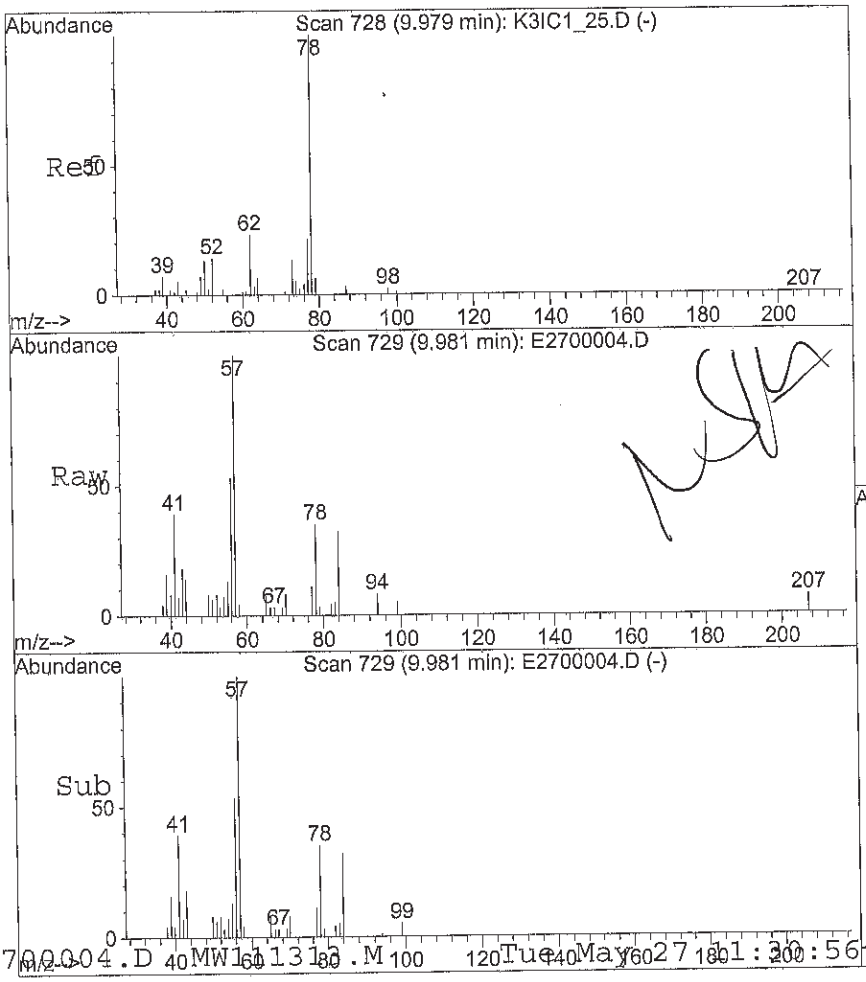


#29
1,1-Dichloropropene
Concen: 0.04 ug/L
RT: 9.92 min Scan# 722
Delta R.T. 0.24 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 75 Resp: 284

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	919.7	25.0	37.4#

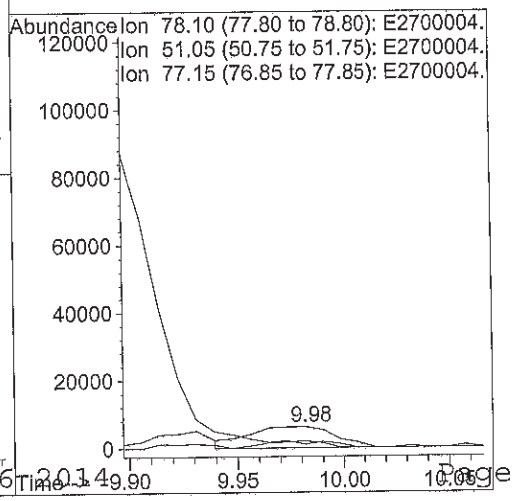


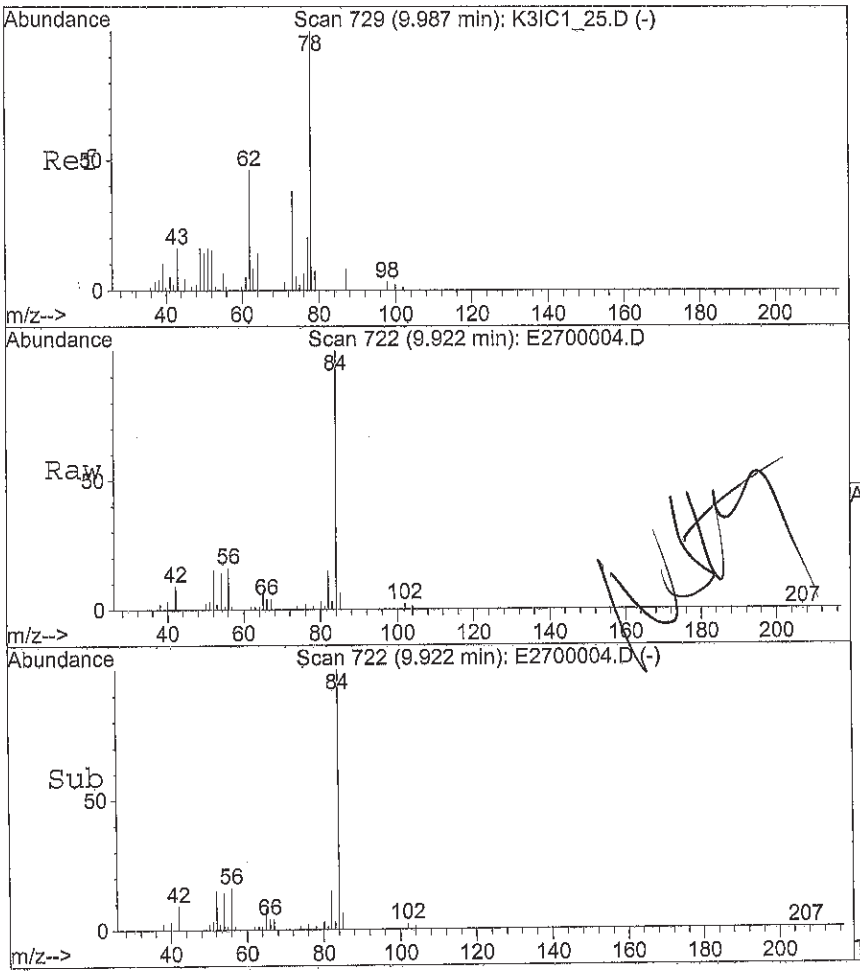


#31
Benzene
Concen: 1.06 ug/L
RT: 9.98 min Scan# 729
Delta R.T. 0.00 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 78 Resp: 17478

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	20.5	16.6	24.8

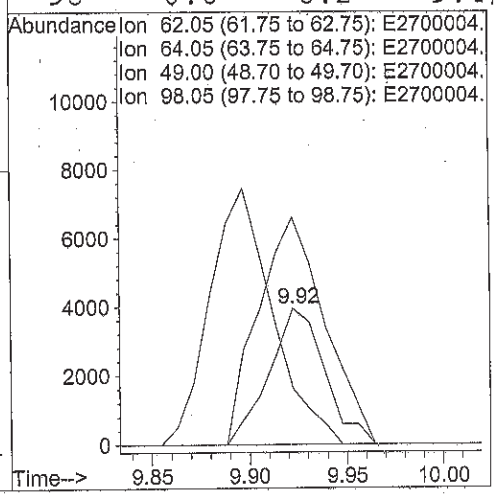


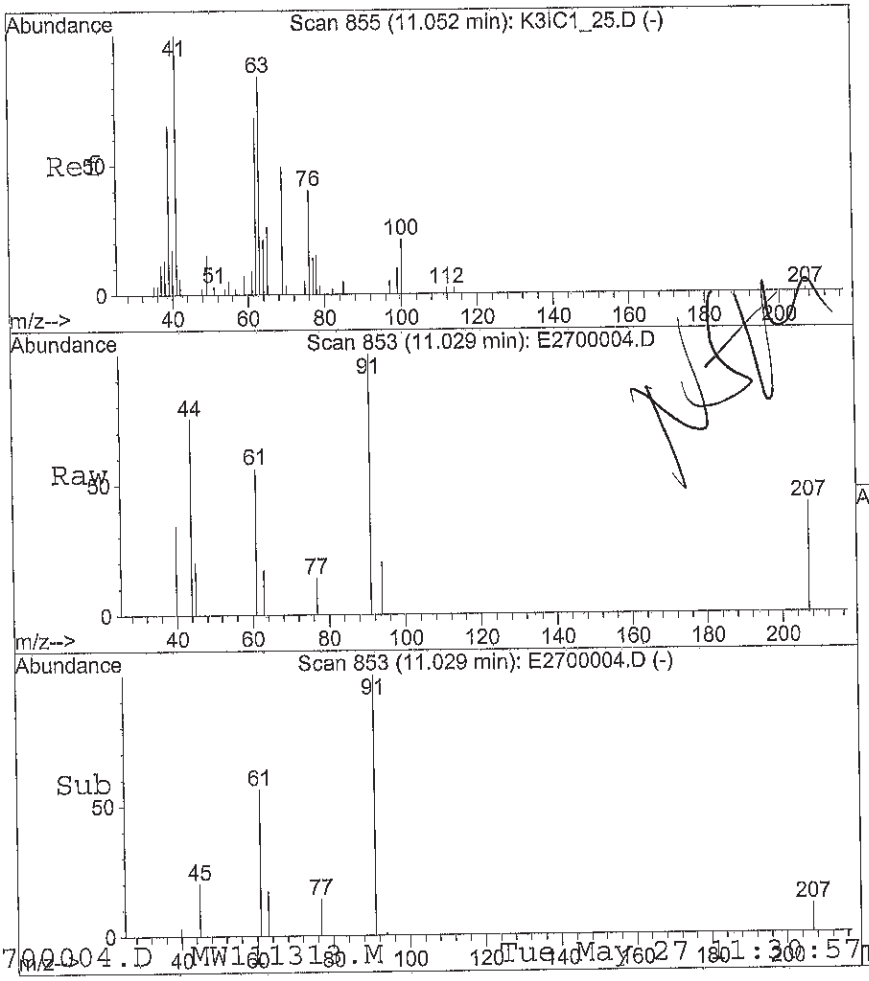


#32
1,2-Dichloroethane
Concen: 1.34 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 62 Resp: 7790

Ion	Ratio	Lower	Upper
62	100		
64	200.3	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

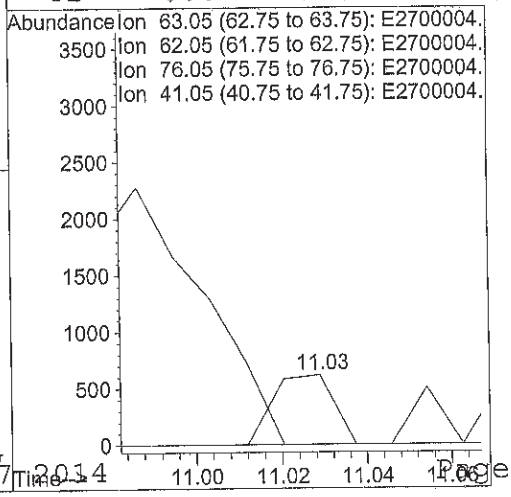


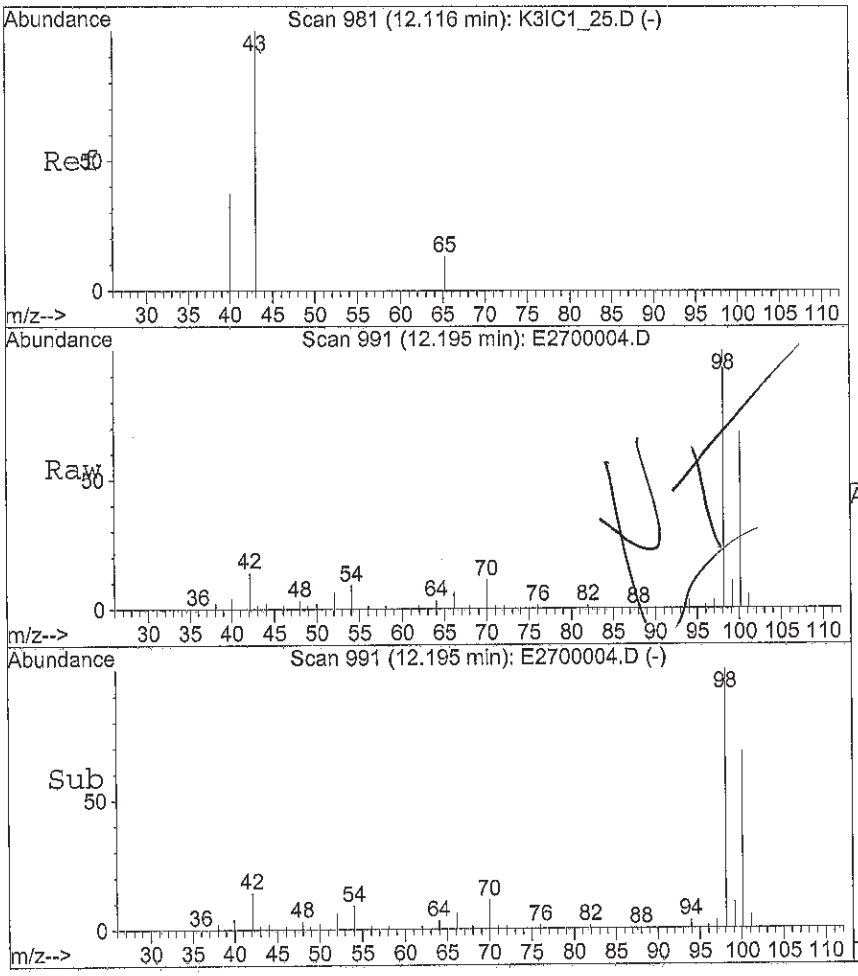


#34
1,2-Dichloropropane
Concen: 0.16 ug/L
RT: 11.03 min Scan# 853
Delta R.T. -0.02 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 63 Resp: 609

Ion	Ratio	Lower	Upper
63	100		
62	0.0	67.4	101.2#
76	0.0	40.3	60.5#
41	0.0	103.0	154.6#

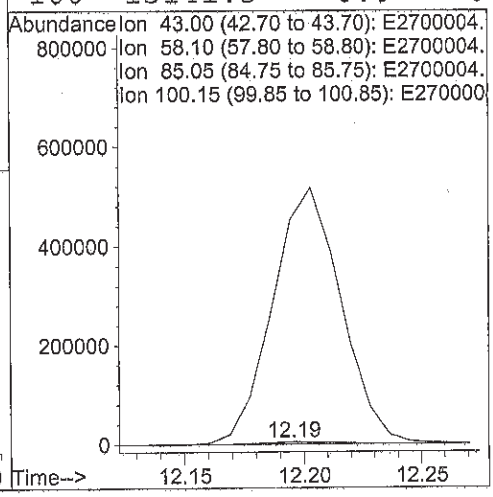


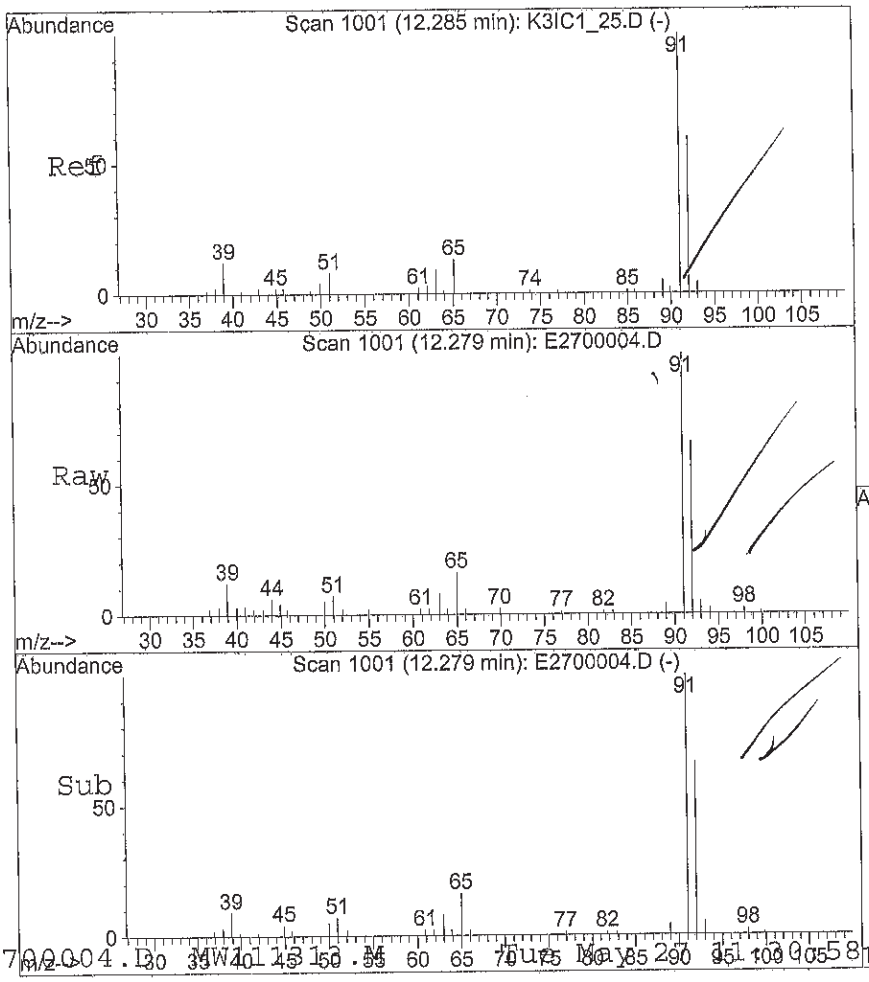


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.99 ug/L
RT: 12.19 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 43 Resp: 7890

Ion	Ratio	Lower	Upper
43	100		
58	131.7	0.0	0.0#
85	0.0	0.0	0.0
100	13141.3	0.0	0.0#

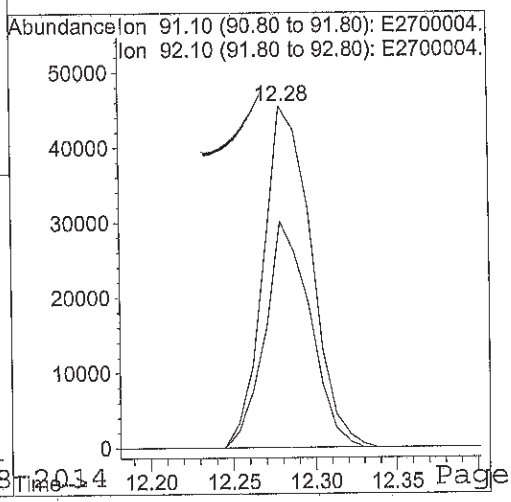


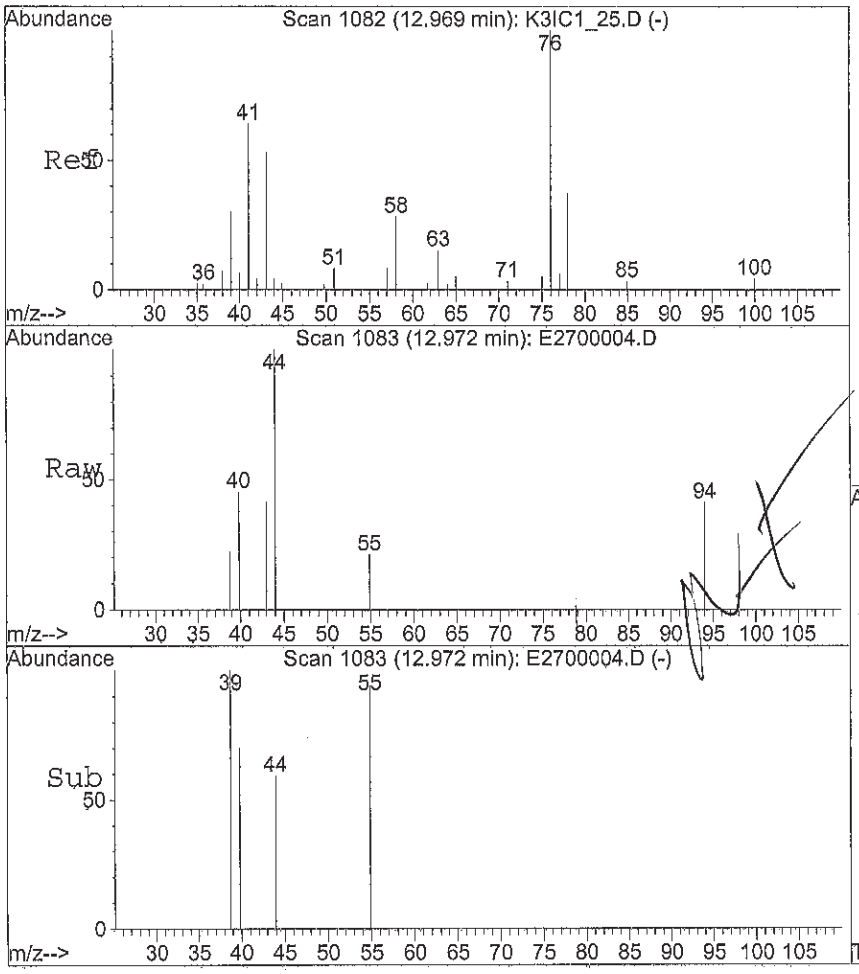


#41
Toluene
Concen: 5.10 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 91 Resp: 91885

Ion	Ratio	Lower	Upper
91	100		
92	62.2	47.4	71.0

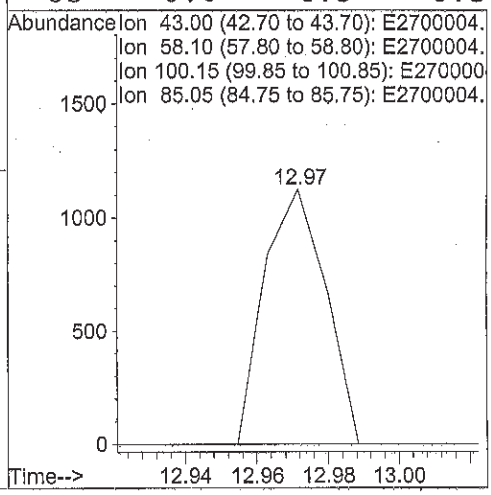


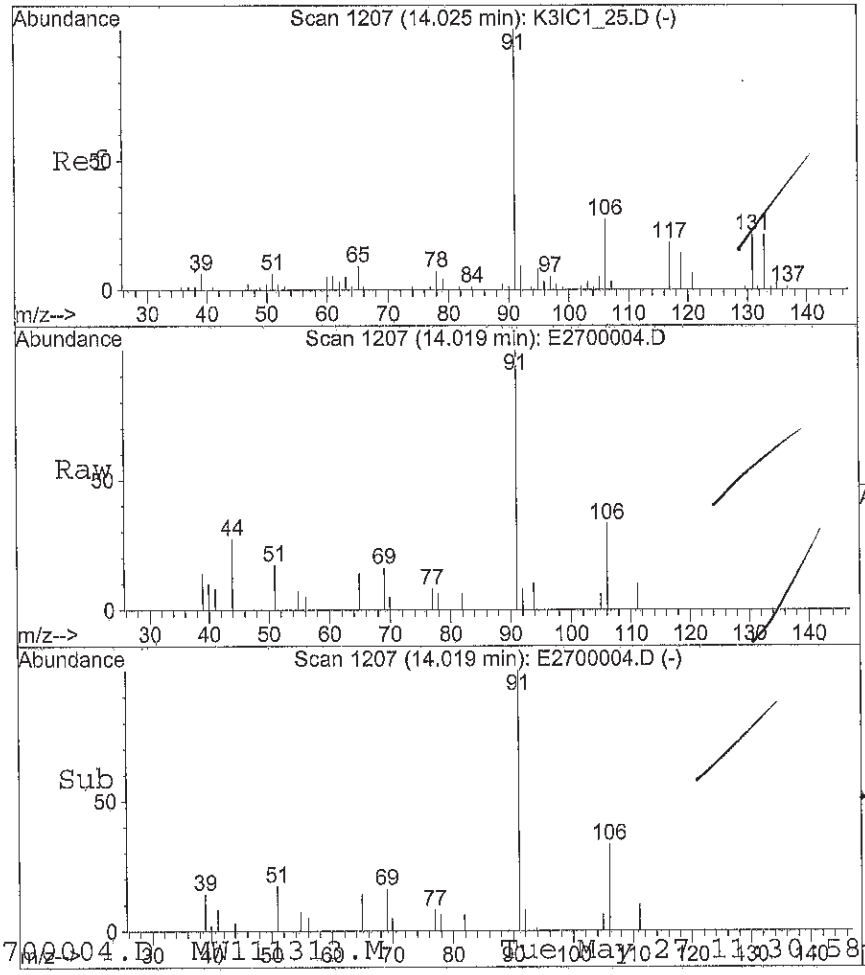


#46
2-Hexanone
Concen: 0.46 ug/L
RT: 12.97 min Scan# 1083
Delta R.T. 0.00 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 43 Resp: 1334

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

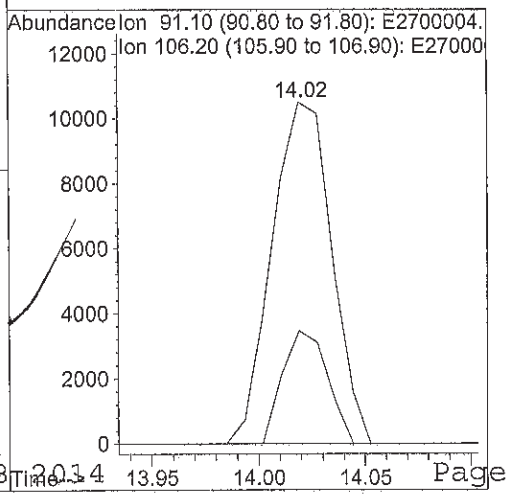


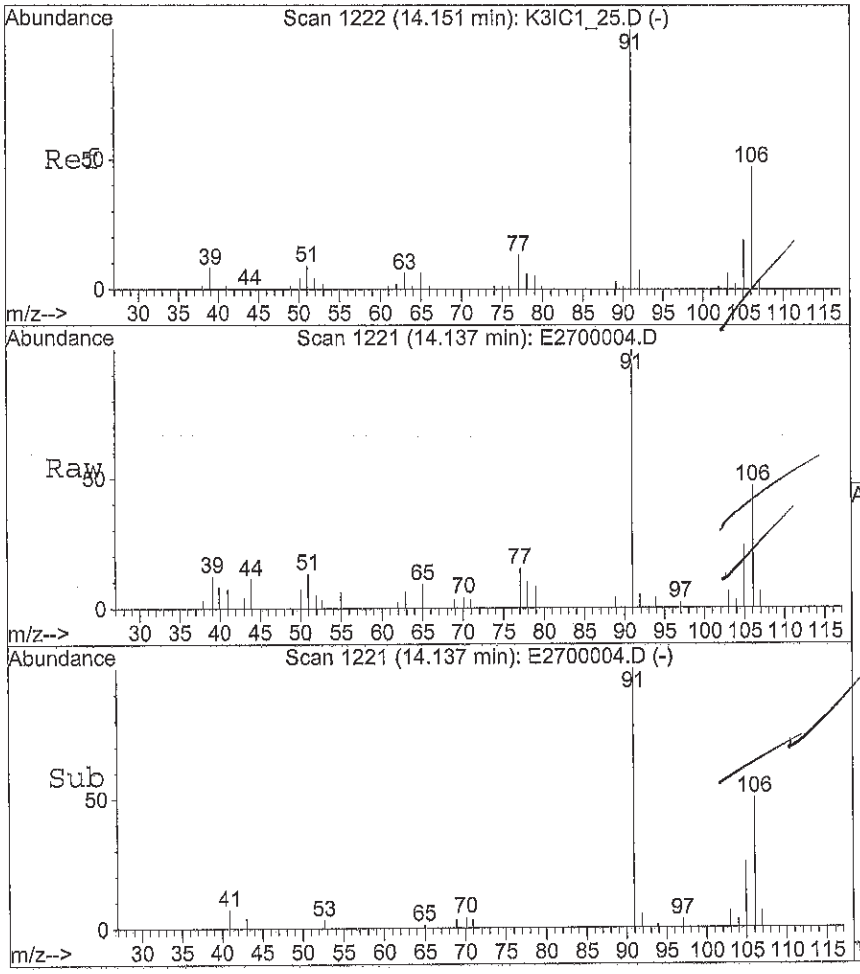


#51
Ethylbenzene
Concen: 0.99 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 91 Resp: 20349

Ion	Ratio	Lower	Upper
91	100		
106	24.7	23.5	35.3

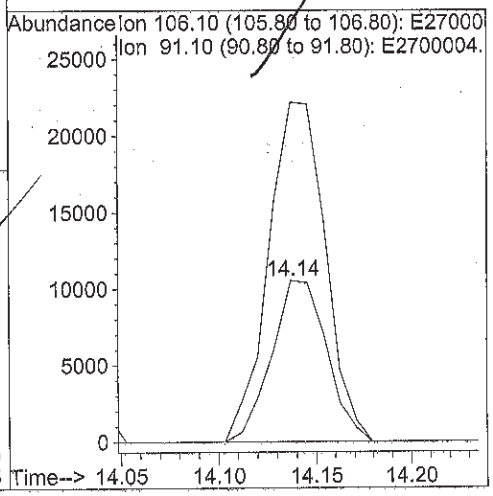


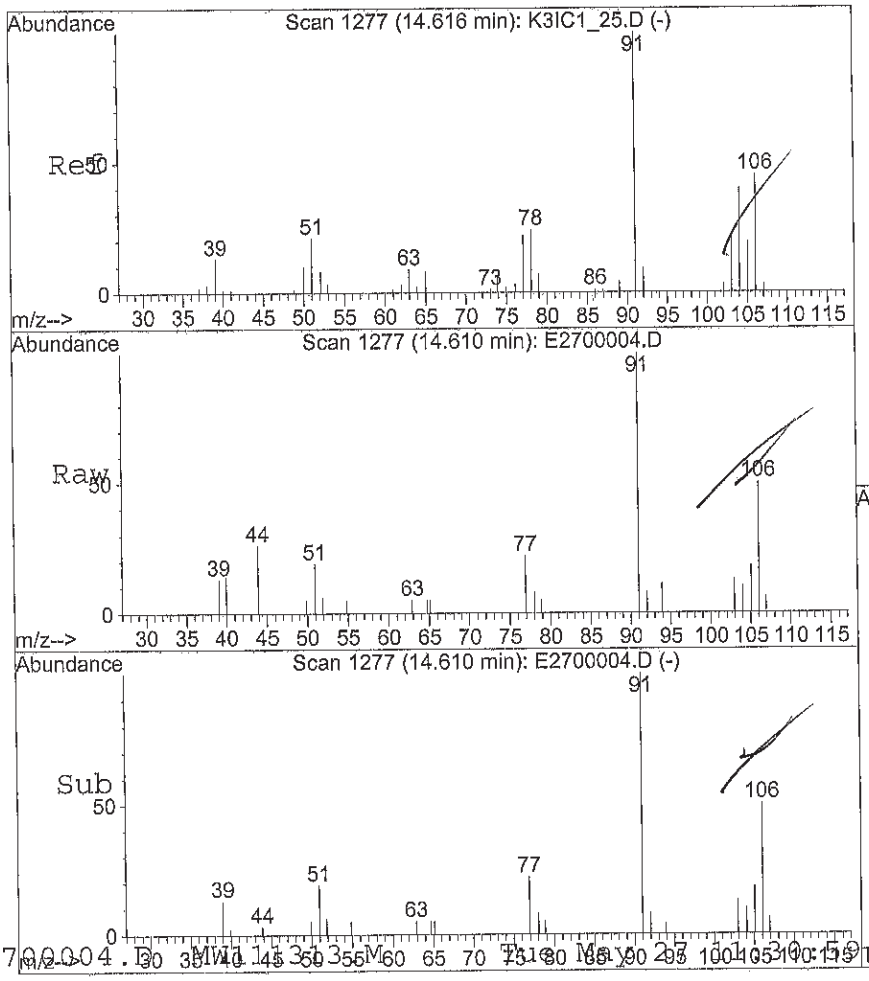


#52
m,p-Xylenes
Concen: 2.85 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion:106 Resp: 20727

Ion	Ratio	Lower	Upper
106	100		
91	216.6	177.1	265.7

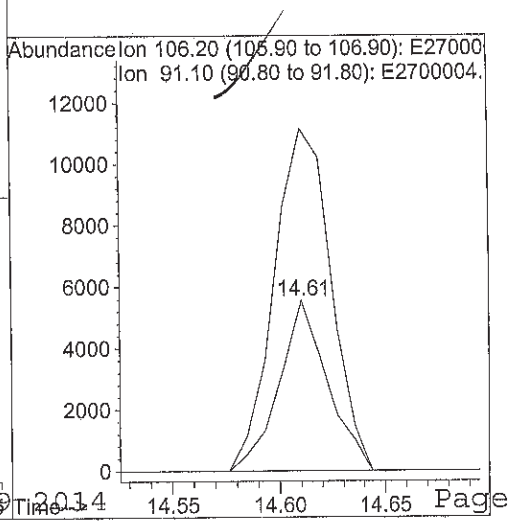


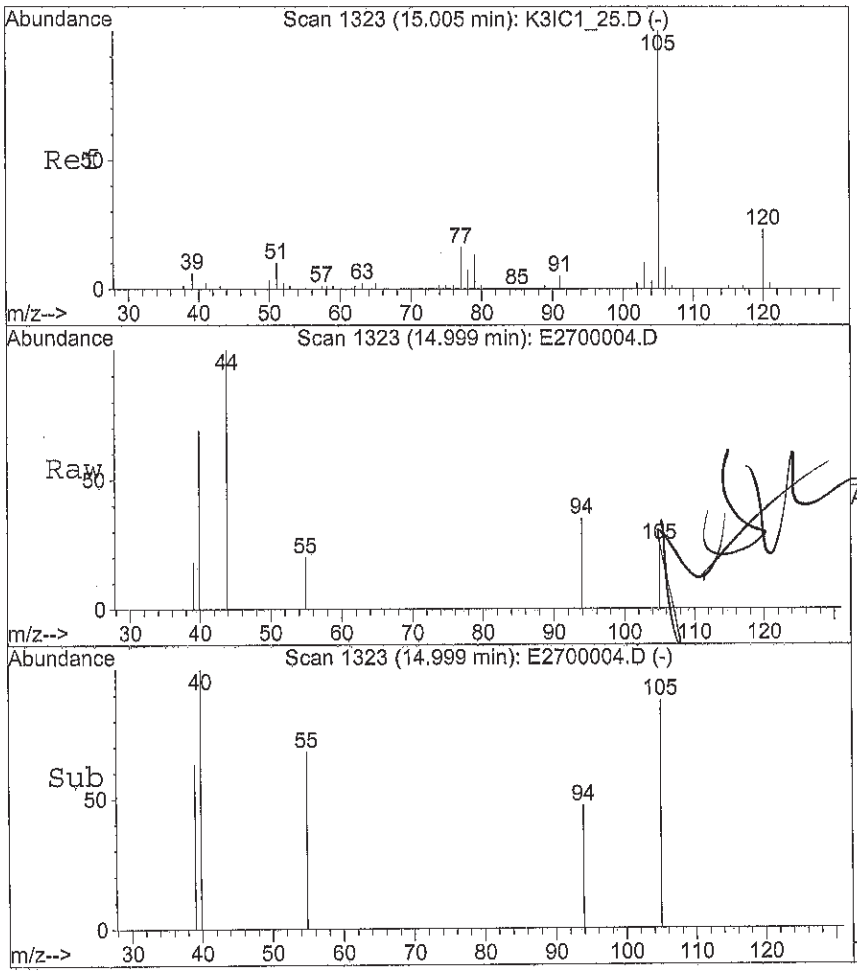


#53
o-Xylene
Concen: 1.22 ug/L
RT: 14.61 min Scan# 1277
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion:106 Resp: 8783

Ion	Ratio	Lower	Upper
106	100		
91	235.4	179.0	268.6

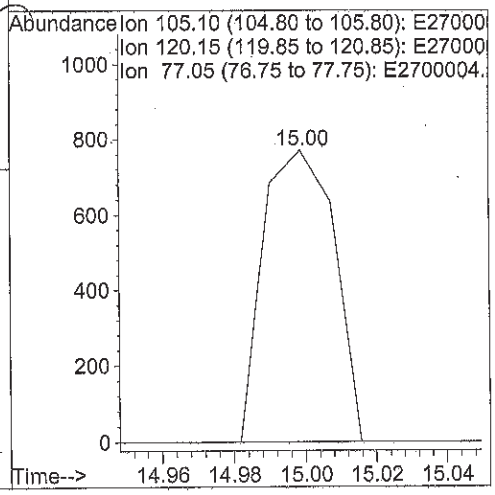


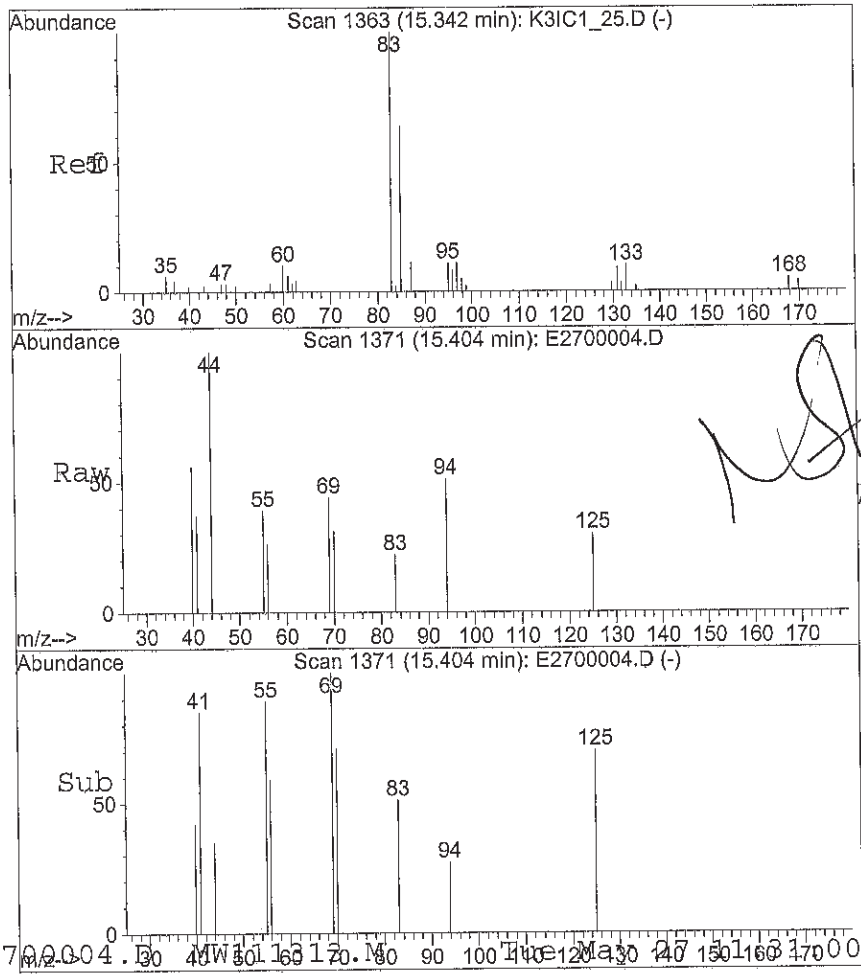


#56
Isopropylbenzene
Concen: 0.05 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion:105 Resp: 1060

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

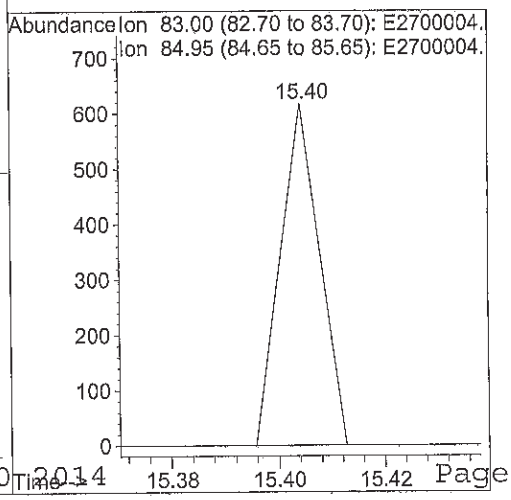


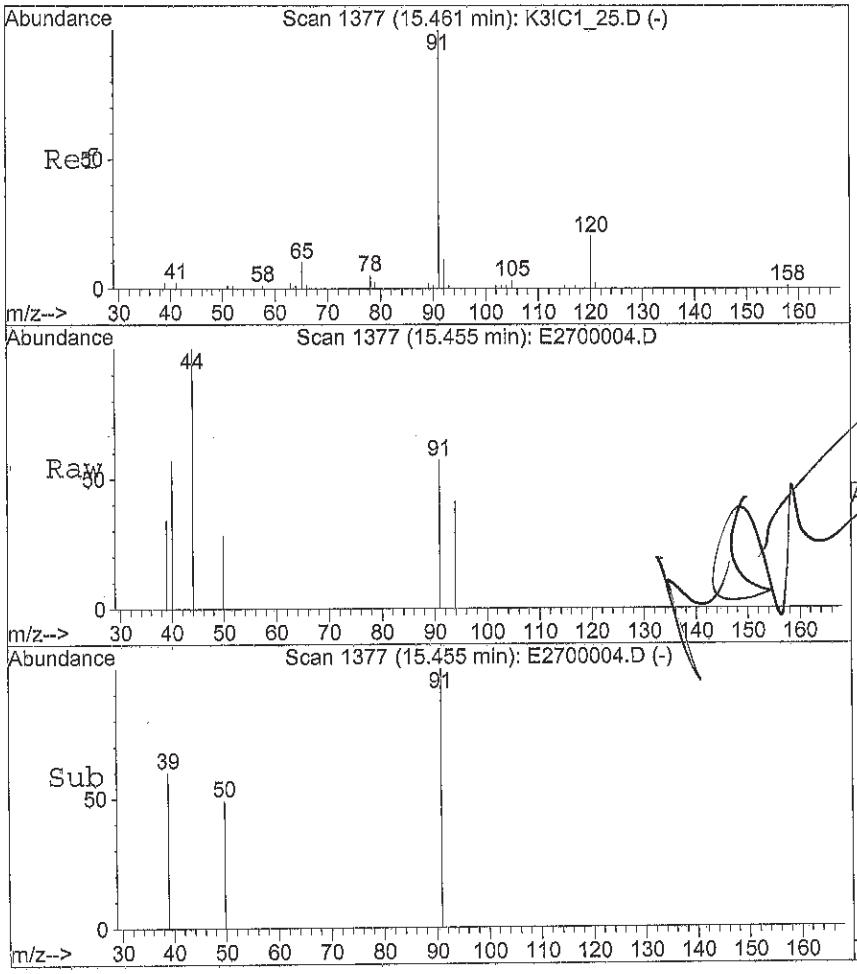


#60
1,1,2,2-Tetrachloroethane
Concen: 0.06 ug/L
RT: 15.40 min Scan# 1371
Delta R.T. 0.06 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 83 Resp: 313

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.2	76.8#

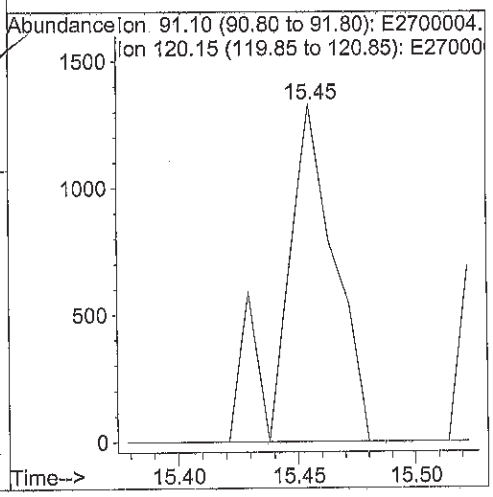


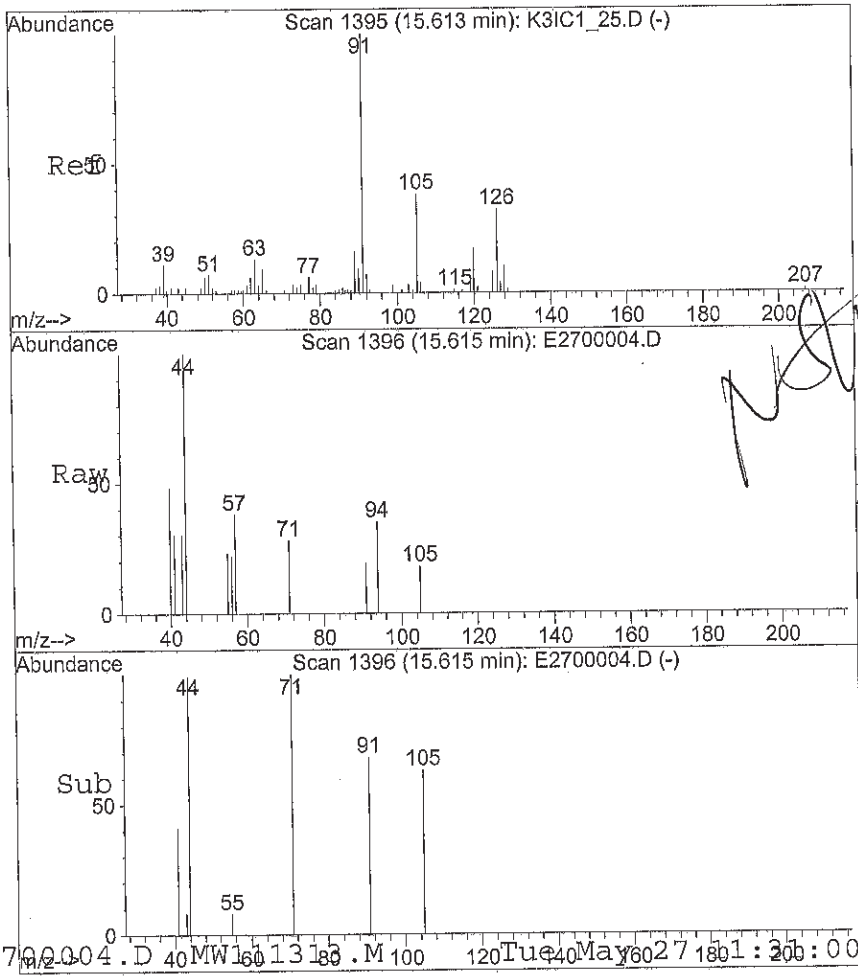


#62
n-Propylbenzene
Concen: 0.07 ug/L
RT: 15.45 min Scan# 1377
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 91 Resp: 1988

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

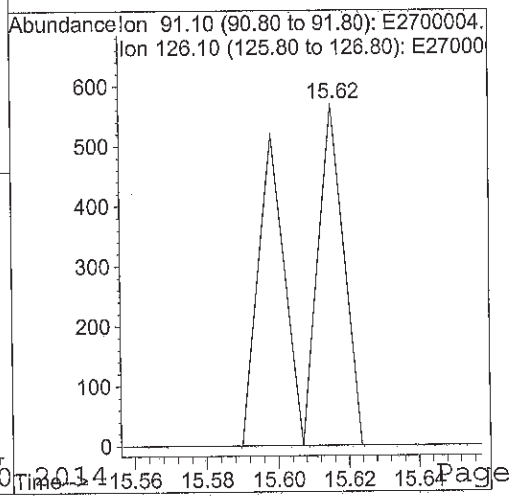


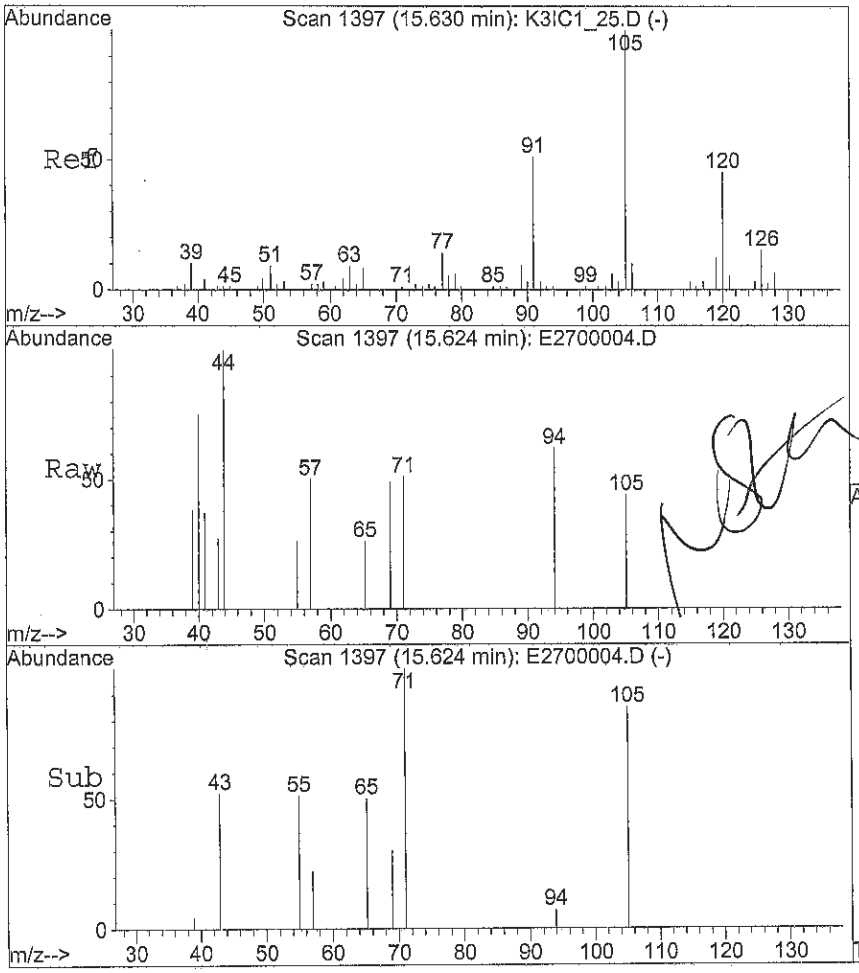


#63
2-Chlorotoluene
Concen: 0.03 ug/L
RT: 15.62 min Scan# 1396
Delta R.T. 0.00 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 91 Resp: 552

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

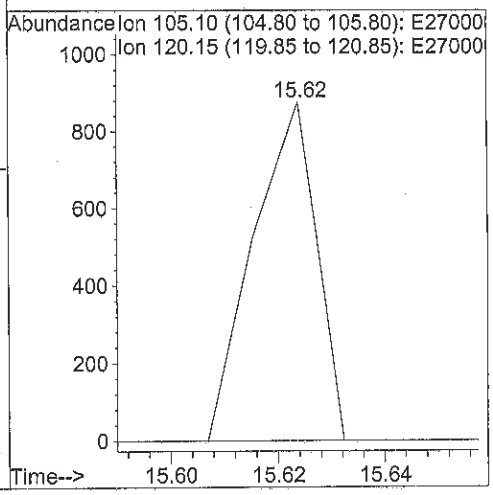


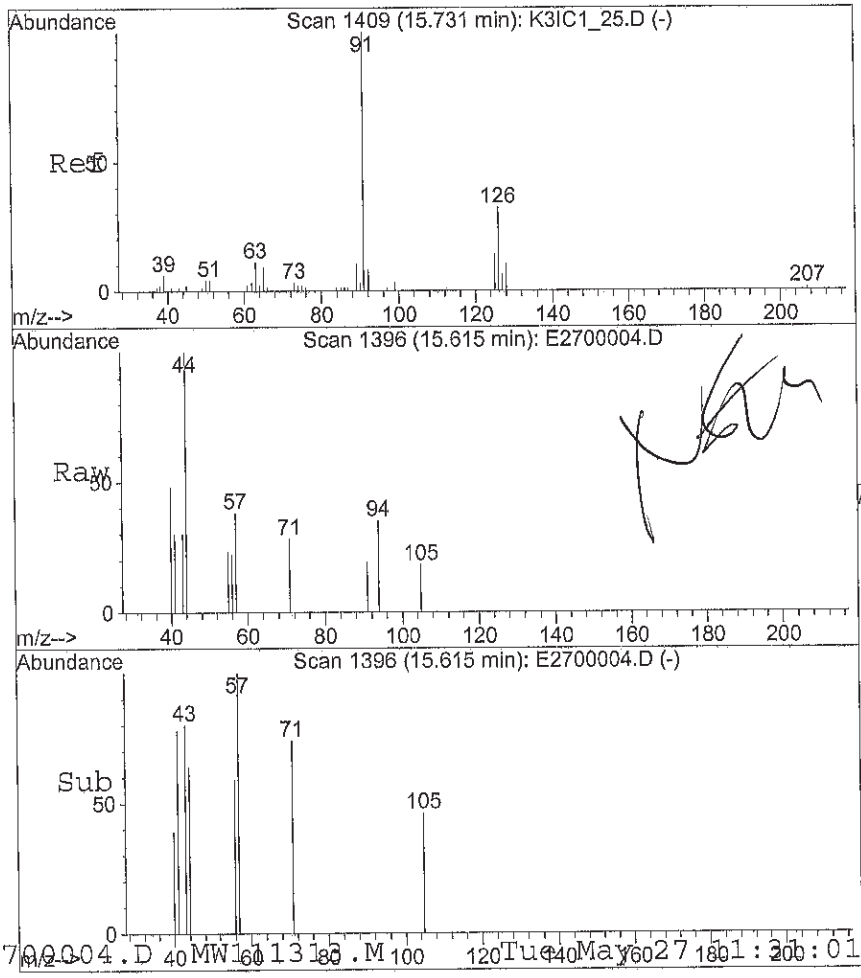


#64
1,3,5-Trimethylbenzene
Concen: 0.04 ug/L
RT: 15.62 min Scan# 1397
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion:105 Resp: 710

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

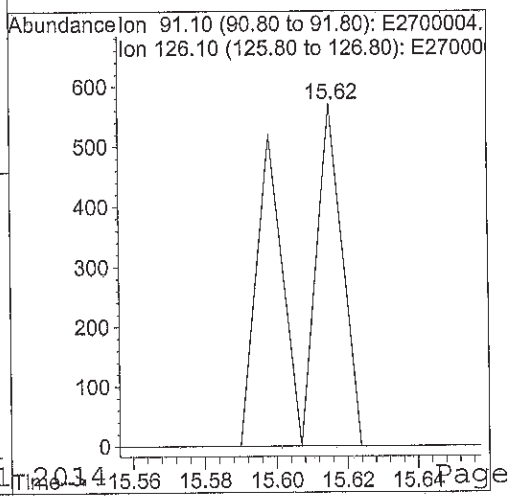


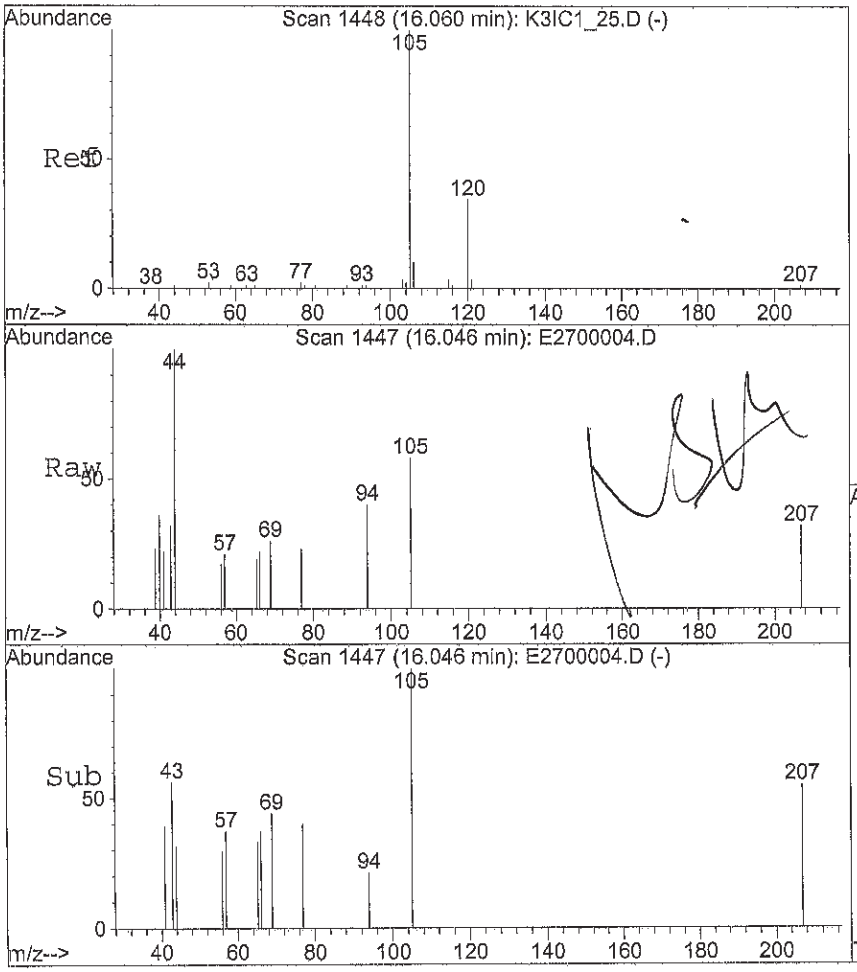


#65
4-Chlorotoluene
Concen: 0.03 ug/L
RT: 15.62 min Scan# 1396
Delta R.T. -0.12 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 91 Resp: 552

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

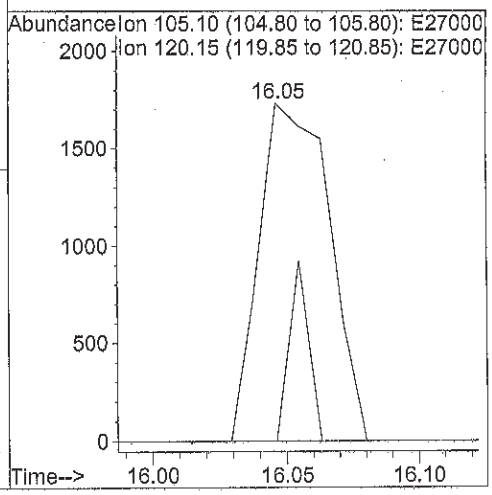


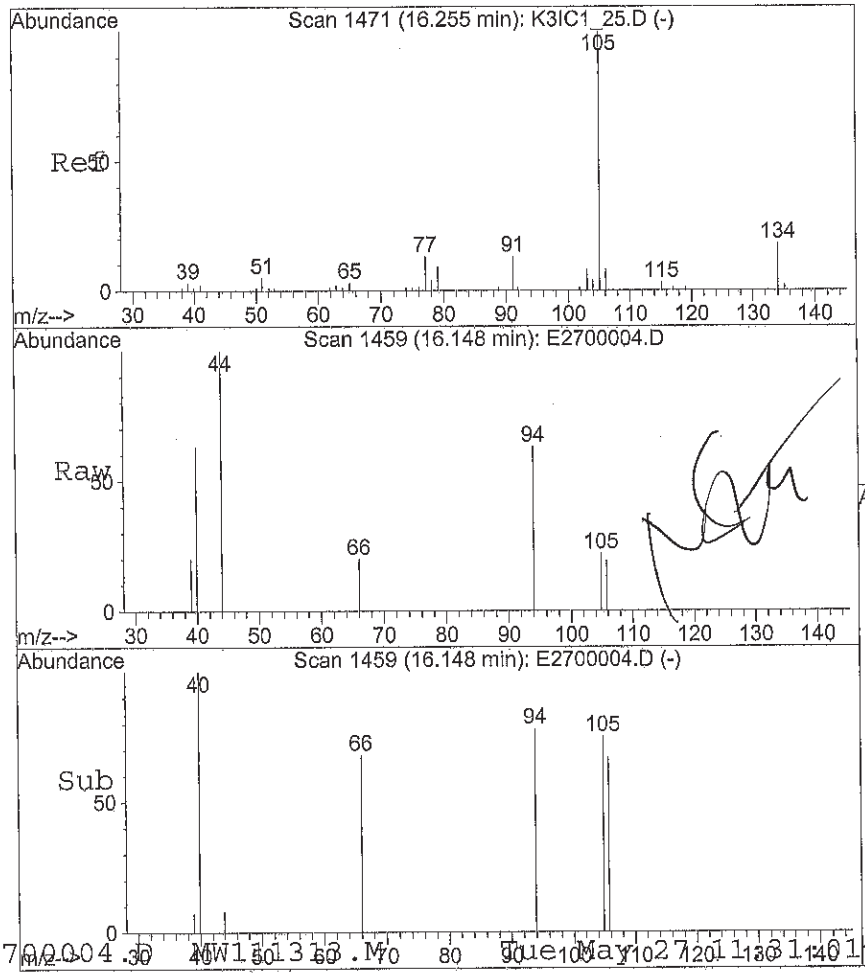


#67
1,2,4-Trimethylbenzene
Concen: 0.17 ug/L
RT: 16.05 min Scan# 1447
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion:105 Resp: 3152

Ion	Ratio	Lower	Upper
105	100		
120	14.8	33.8	50.8#

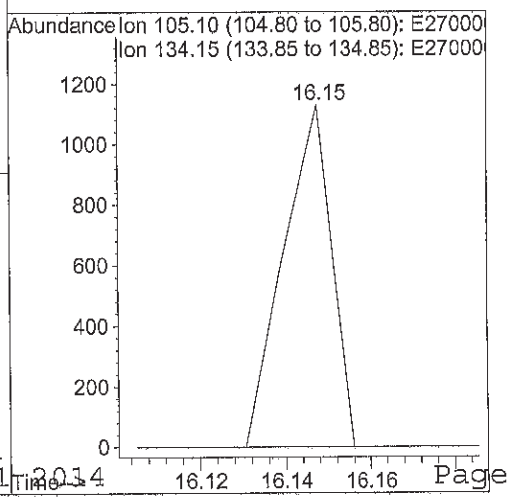


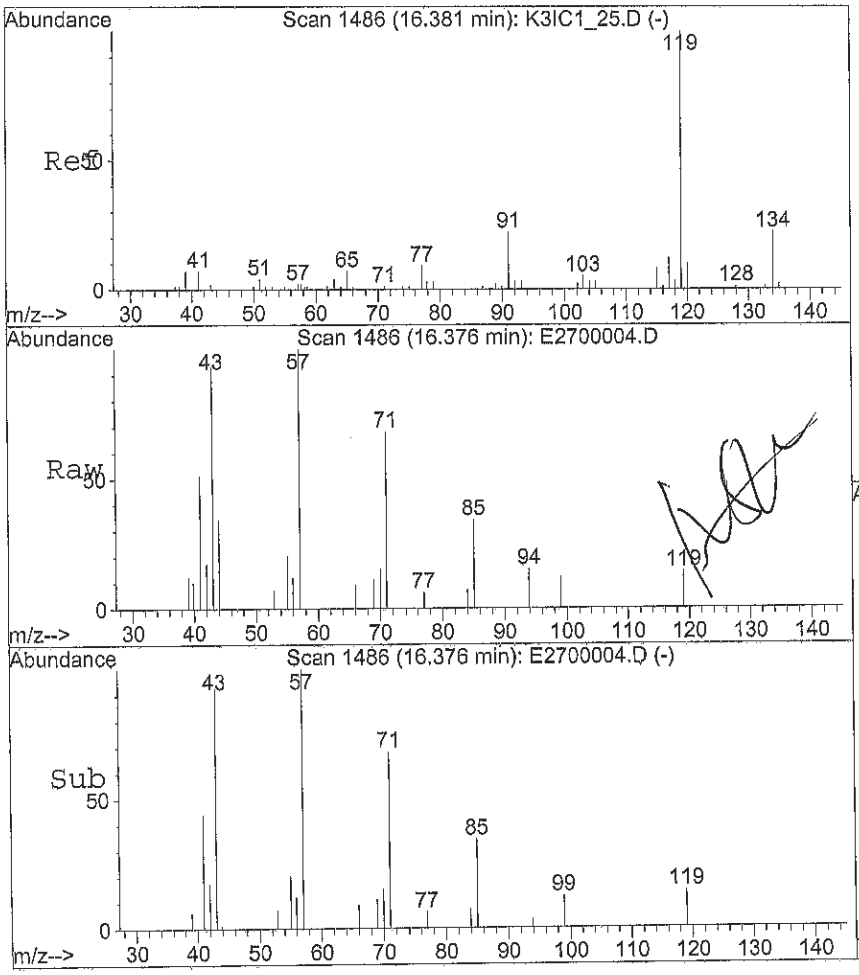


#68
sec-Butylbenzene
Concen: 0.04 ug/L
RT: 16.15 min Scan# 1459
Delta R.T. -0.11 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion:105 Resp: 883

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

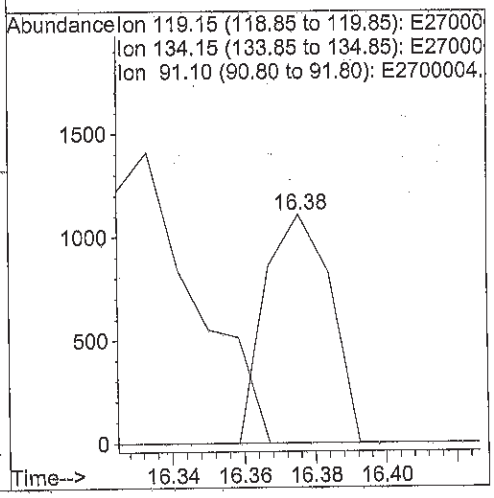


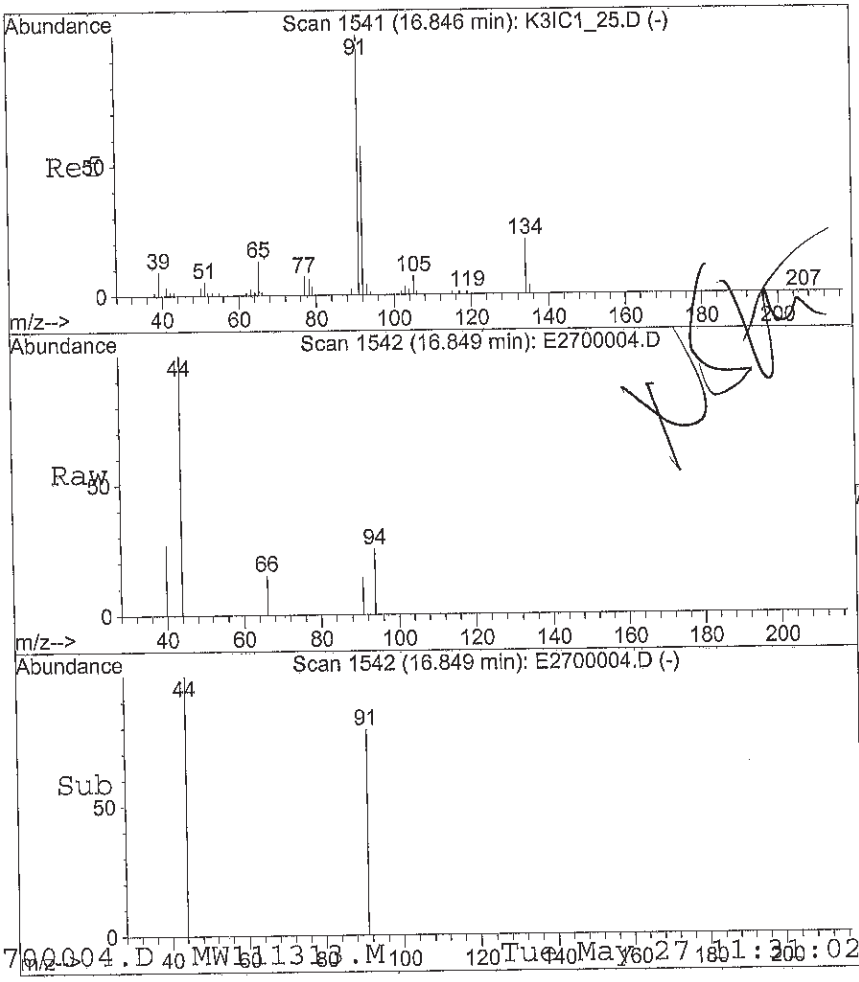


#69
p-Isopropyltoluene
Concen: 0.07 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.01 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion:119 Resp: 1416

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#

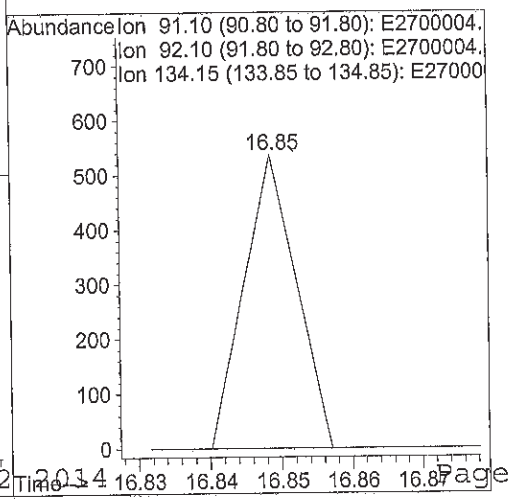


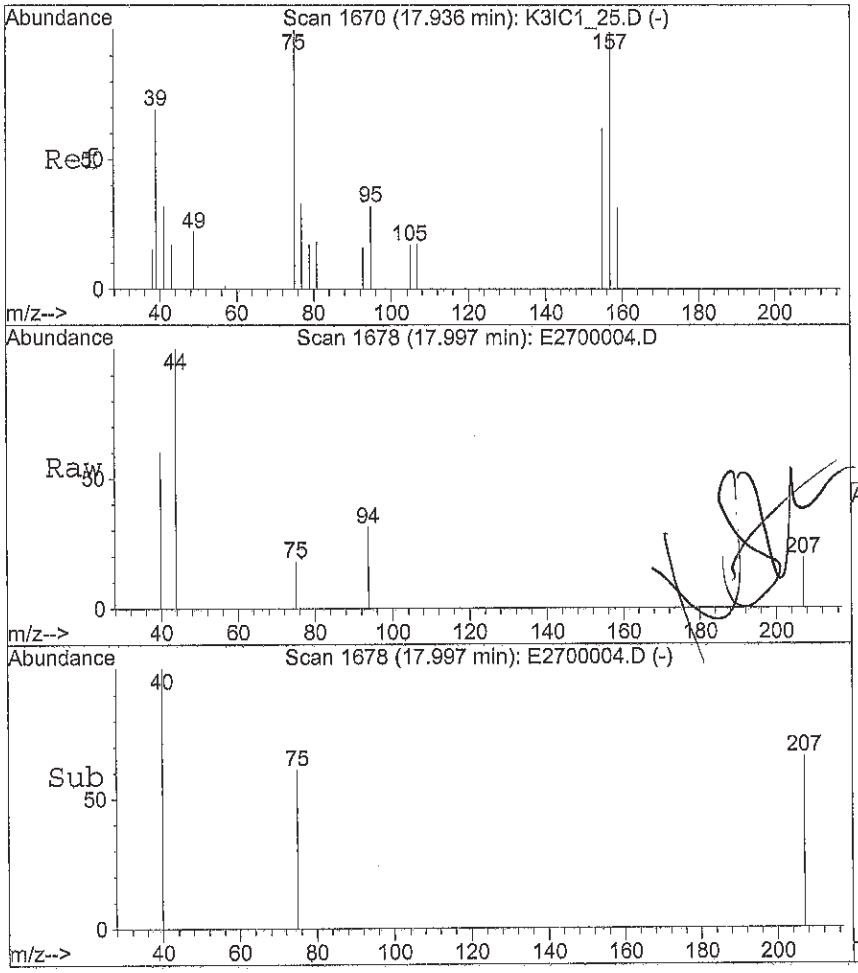


#72
n-Butylbenzene
Concen: 0.01 ug/L
RT: 16.85 min Scan# 1542
Delta R.T. 0.00 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 91 Resp: 272

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.0	70.4#
134	0.0	18.1	27.1#

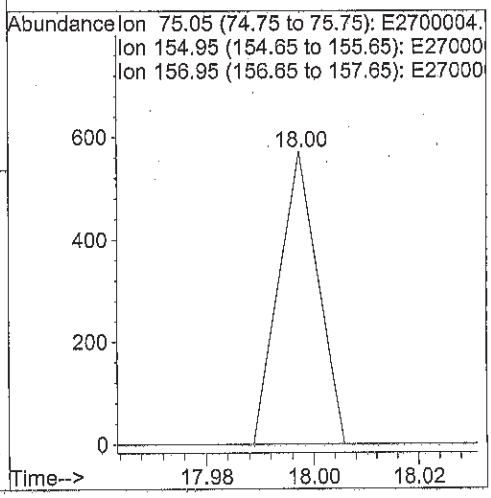




#74
1,2-Dibromo-3-chloropropane
Concen: 1.23 ug/L
RT: 18.00 min Scan# 1678
Delta R.T. 0.06 min
Lab File: E2700004.D
Acq: 27 May 2014 10:57 am

Tgt Ion: 75 Resp: 289

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.2	88.8#
157	0.0	77.0	115.6#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700004.D Vial: 3
Acq On : 27 May 2014 10:57 am Operator: DN
Sample : 3E42701-03 Inst : GC/MS Ins
Misc : 100cc SVL-802-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:30 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1745598	12.50 ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.91	117	1321241	12.50 ug/L	-0.02
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	716932	12.50 ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	499272	11.00 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 88.00%		
3) Chloroform-d (SU6)	9.18	84	793910	12.19 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 97.52%		
4) Methylene Chloride-d2 (SU5	7.07	86	460082	12.08 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 96.64%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	500264	16.12 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 128.96%#		
6) Benzene-d6 (SU7)	9.92	84	1534938	11.21 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 89.68%		
8) Toluene-d8 (SU3)	12.20	98	1522306	12.14 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 97.12%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	713995	13.80 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 110.40%		

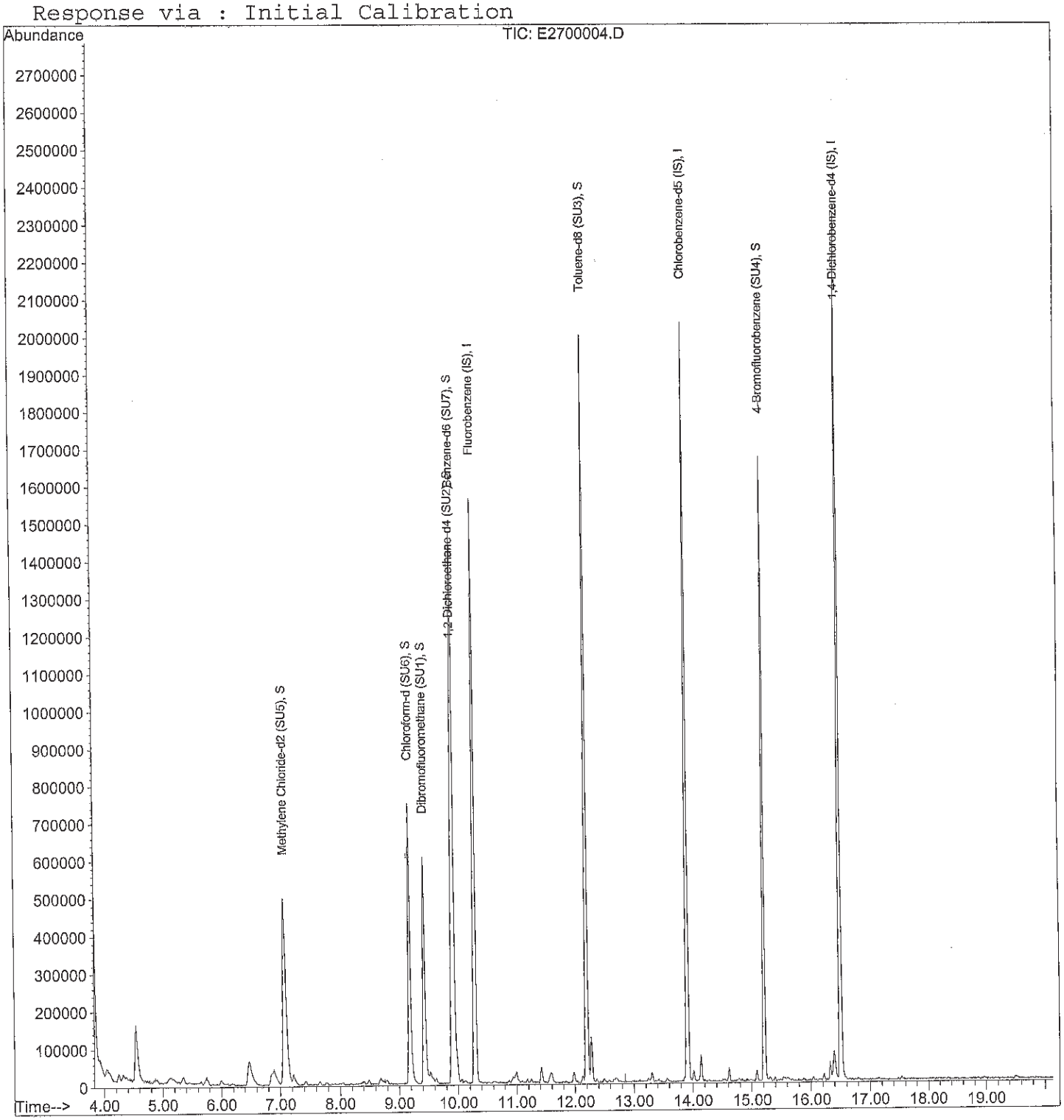
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700004.D Vial: 3
Acq On : 27 May 2014 10:57 am Operator: DN
Sample : 3E42701-03 Inst : GC/MS Ins
Misc : 100cc SVL-802-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:30 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700005.D Vial: 4
Acq On : 27 May 2014 11:32 am Operator: DN
Sample : 3E42701-04 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-13.0-14.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:54 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1913339	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1437327	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	745284	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	533258	11.17 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 89.36%					
28) 1,2-Dichloroethane-d4 (SU2	9.89	65	505491	11.14 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 89.12%					
39) Toluene-d8 (SU3)	12.20	98	1639551	12.23 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 97.84%					
58) 4-Bromofluorobenzene (SU4)	15.22	95	764175	13.00 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 104.00%					

Target Compounds					Qvalue
4) Chloromethane	4.39	50	1519	-0.75 ~~ug/L~~ #SM	41
6) Bromomethane	5.11	96	4949	0.57 ~~ug/L~~	93
7) Chloroethane	5.15	64	1933	1.90 ~~ug/L~~	94
11) Acetone	6.45	58	19721	25.28 ~~ug/L~~	81
12) (IPA) Leak Check Compound	6.47	45	97295	423.18 ~~ug/L~~ #SM	94
13) Carbon disulfide	6.85	76	8578	0.54 ~~ug/L~~ #SM	76
14) Methylene Chloride	7.07	84	5435	1.03 ~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.93	59	935	2.87 ~~ug/L~~ #	77
21) (MEK) 2-Butanone	8.78	72	1310	2.44 ~~ug/L~~ #	1
24) Chloroform	9.22	83	673	0.07 ~~ug/L~~ #SM	18
31) Benzene	10.00	78	828	0.05 ~~ug/L~~ #	27
32) 1,2-Dichloroethane	9.92	62	6852	1.08 ~~ug/L~~ #	1
35) Dibromomethane	11.00	93	328	0.10 ~~ug/L~~ #	5
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	8397	2.93 ~~ug/L~~ #	100
41) Toluene	12.29	91	11160	0.57 ug/L 0.0114	99
46) 2-Hexanone	12.95	43	1151	0.37 ~~ug/L~~ #	37
51) Ethylbenzene	14.03	91	5010	0.22 ug/L #0.0044	82
52) m,p-Xylenes	14.15	106	4256	0.54 ug/L 0.0108	85
53) o-Xylene	14.61	106	1809	0.23 ug/L #0.0046	29
54) Styrene	14.62	104	2629	-0.64 ~~ug/L~~ #SM	76
56) Isopropylbenzene	15.01	105	634	0.03 ~~ug/L~~ #	55
62) n-Propylbenzene	15.45	91	606	0.02 ~~ug/L~~ #	56

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700005.D Vial: 4
Acq On : 27 May 2014 11:32 am Operator: DN
Sample : 3E42701-04 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-13.0-14.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:54 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

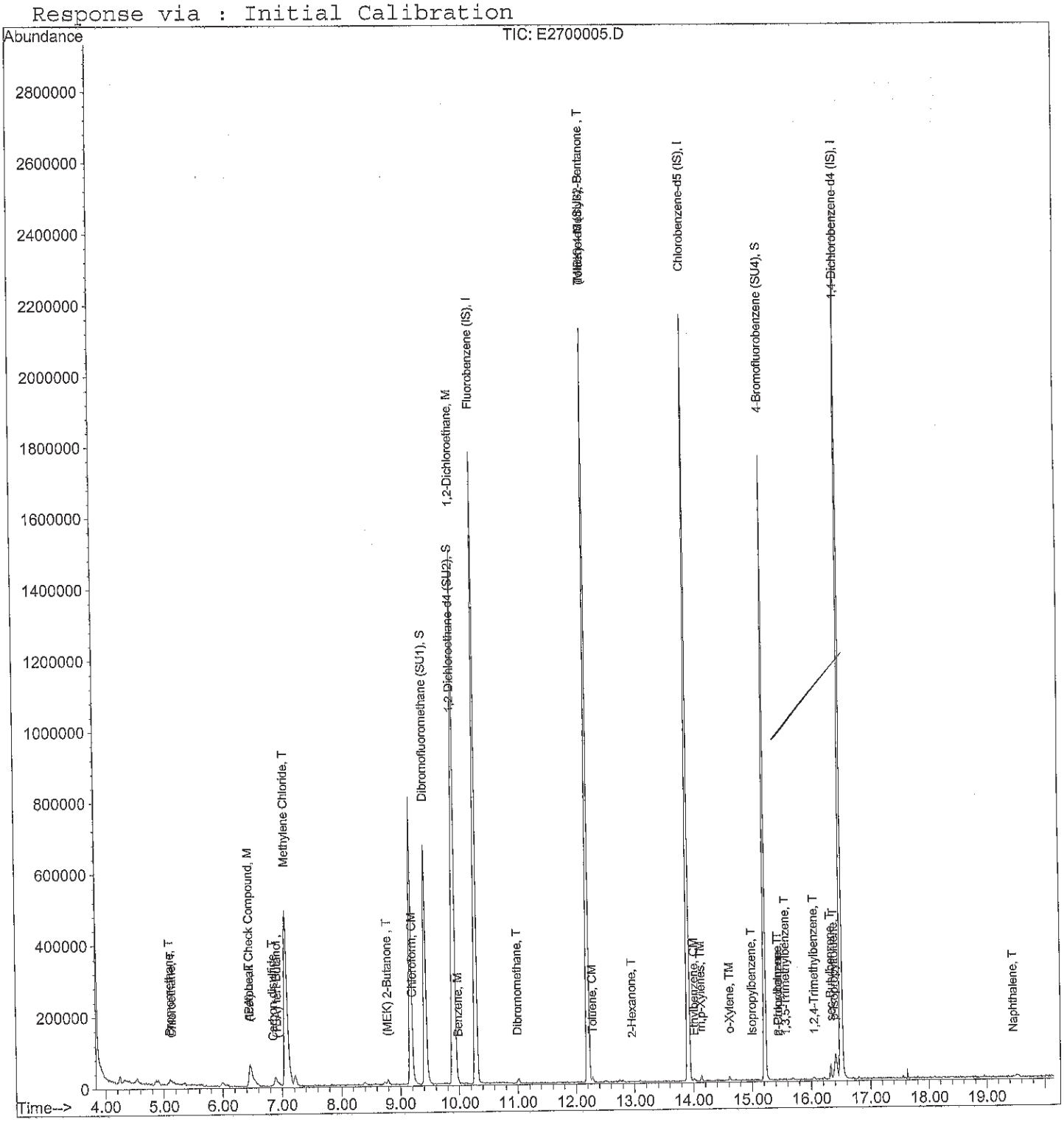
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
63) 2-Chlorotoluene	15.45	91	606	0.03	~~ug/L~~ #	45
64) 1,3,5-Trimethylbenzene	15.56	105	940	0.05	~~ug/L~~ #	31
67) 1,2,4-Trimethylbenzene	16.05	105	2022	0.10	ug/L #	33
68) sec-Butylbenzene	16.33	105	298	0.01	ug/L #	62
69) p-Isopropyltoluene	16.38	119	345	0.02	~~ug/L~~ #	52
77) Naphthalene	19.46	128	509	0.03	~~ug/L~~	100

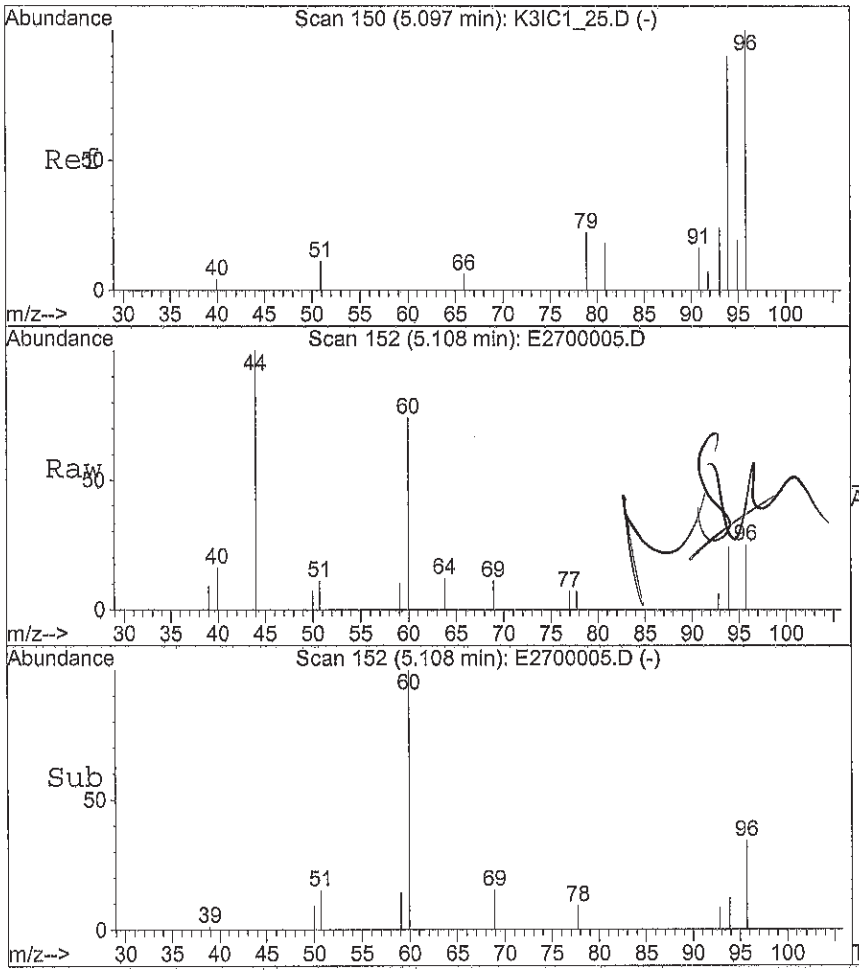
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700005.D Vial: 4
Acq On : 27 May 2014 11:32 am Operator: DN
Sample : 3E42701-04 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-13.0-14.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:54 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

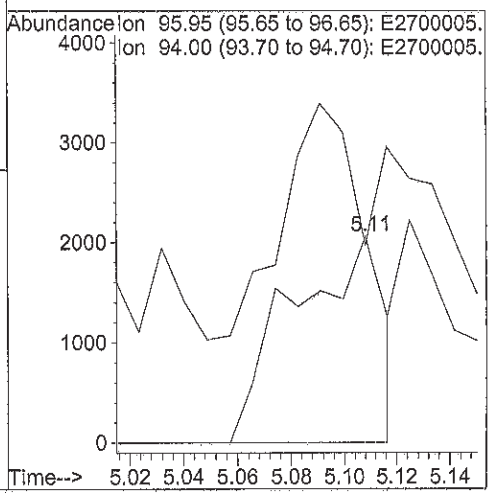


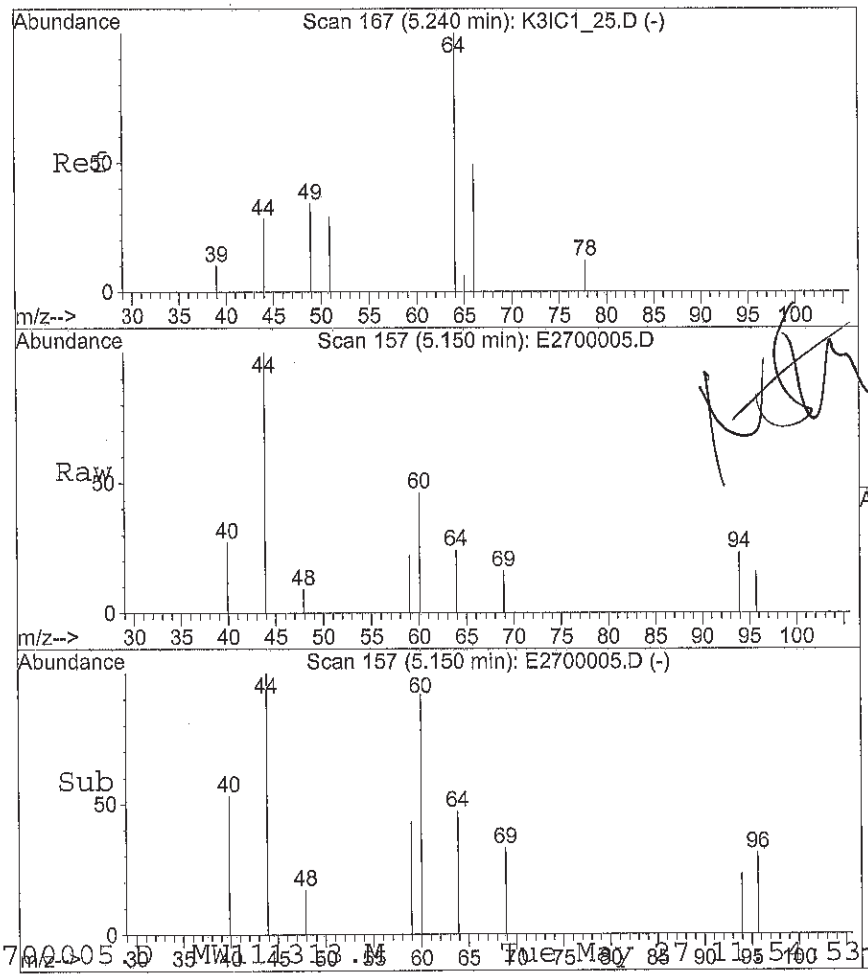


#6
Bromomethane
Concen: 0.57 ug/L
RT: 5.11 min Scan# 152
Delta R.T. 0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 96 Resp: 4949

Ion	Ratio	Lower	Upper
96	100		
94	134.6	101.0	151.4

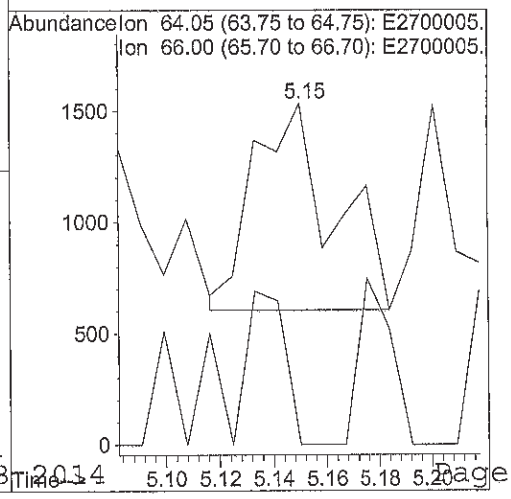


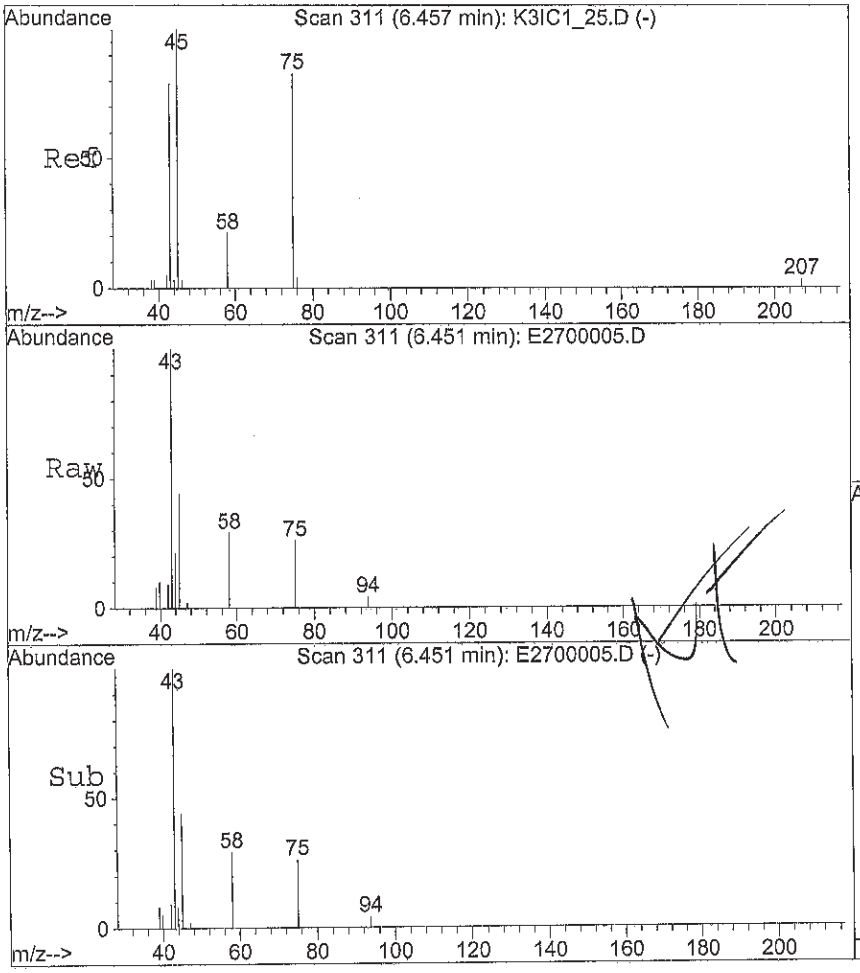


#7
Chloroethane
Concen: 1.90 ug/L
RT: 5.15 min Scan# 157
Delta R.T. -0.09 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 64 Resp: 1933

Ion	Ratio	Lower	Upper
64	100		
66	48.2	35.4	53.0

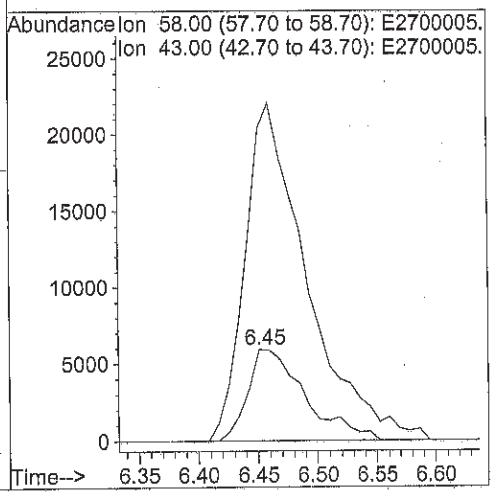


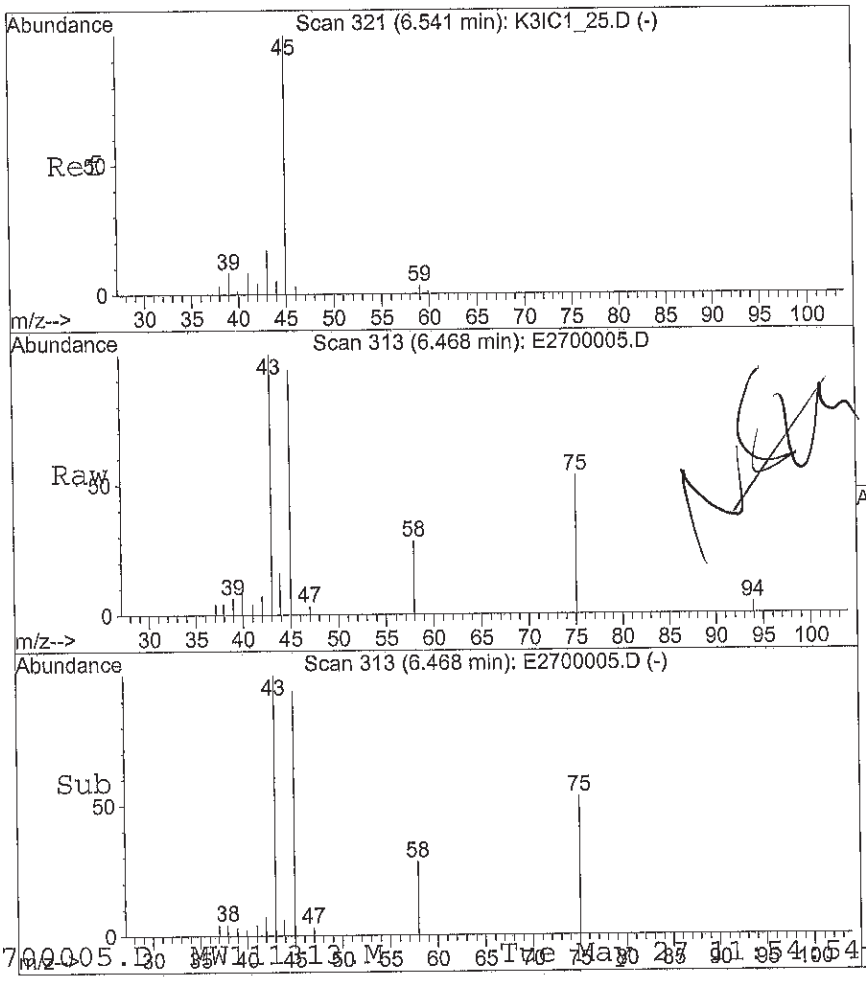


#11
Acetone
Concen: 25.28 ug/L
RT: 6.45 min Scan# 311
Delta R.T. -0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 58 Resp: 19721

Ion	Ratio	Lower	Upper
58	100		
43	402.6	360.9	541.3

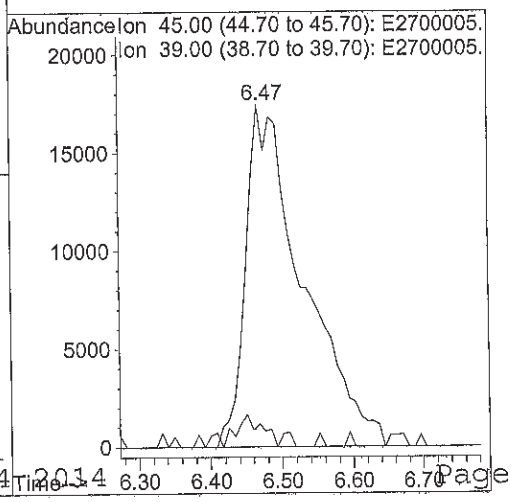


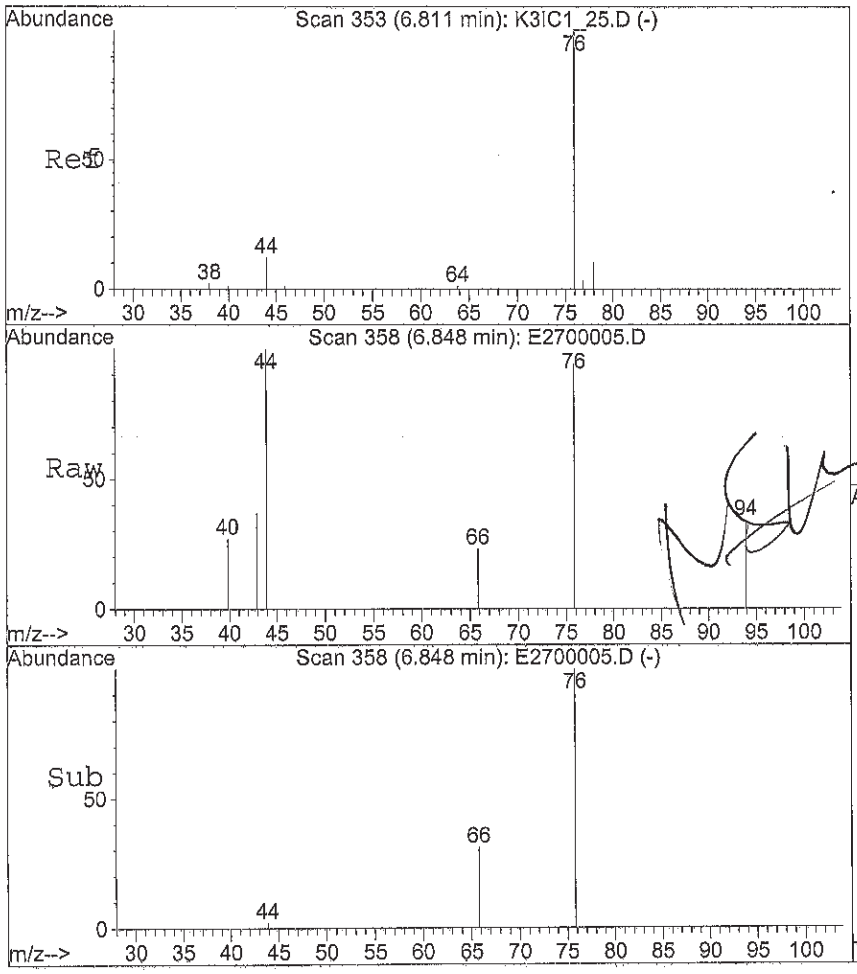


#12
(IPA) Leak Check Compound
Concen: 423.18 ug/L
RT: 6.47 min Scan# 313
Delta R.T. -0.07 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 45 Resp: 97295

Ion	Ratio	Lower	Upper
45	100		
39	4.2	4.9	7.3#

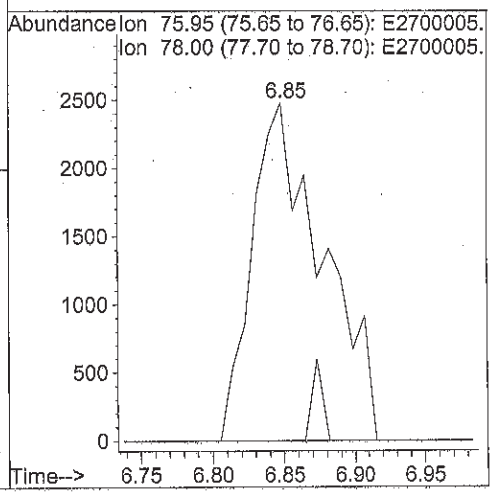


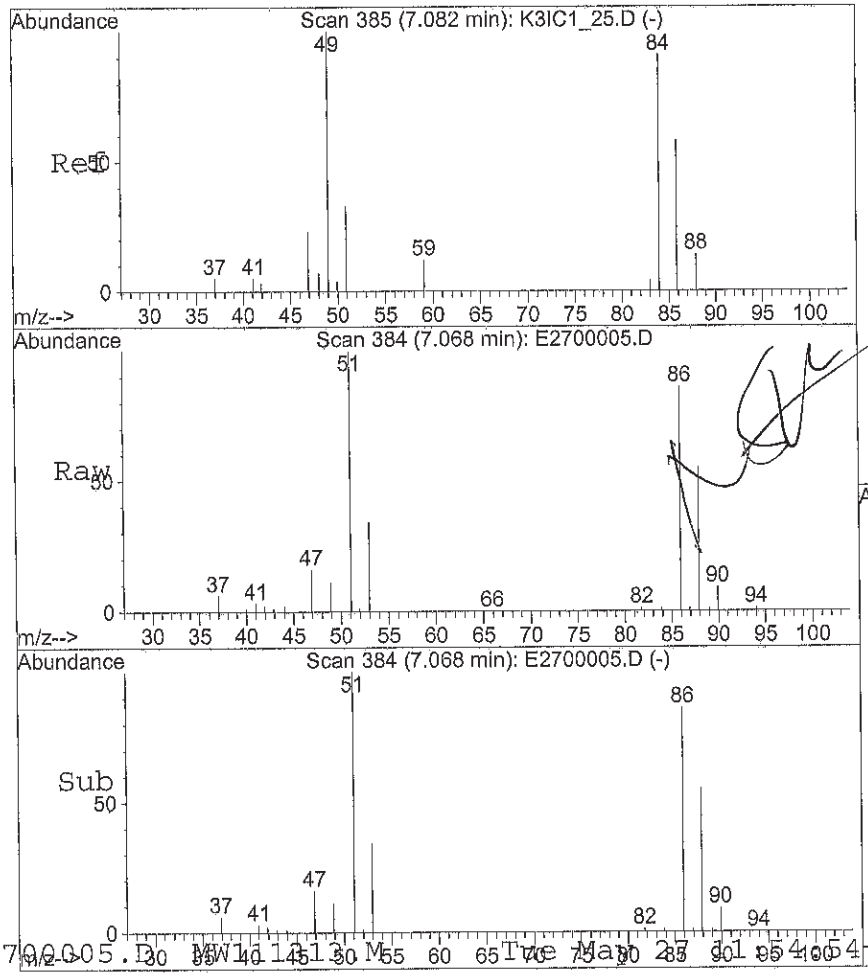


#13
Carbon disulfide
Concen: 0.54 ug/L
RT: 6.85 min Scan# 358
Delta R.T. 0.04 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 76 Resp: 8578

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

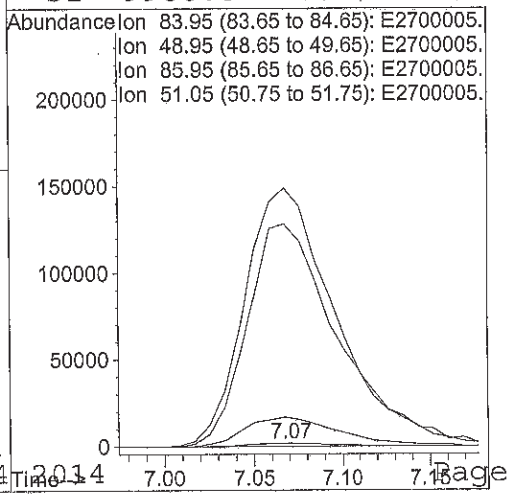


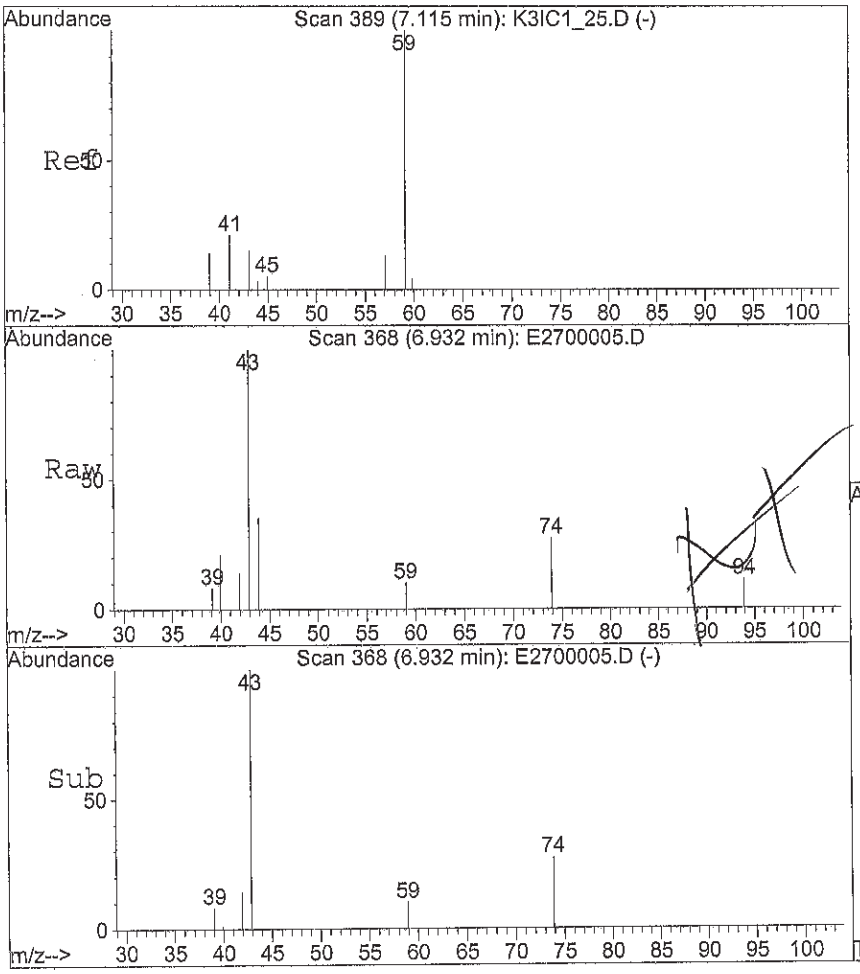


#14
Methylene Chloride
Concen: 1.03 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 84 Resp: 5435

Ion	Ratio	Lower	Upper
84	100		
49	1139.2	89.8	134.6#
86	8467.7	51.1	76.7#
51	9986.8	28.5	42.7#

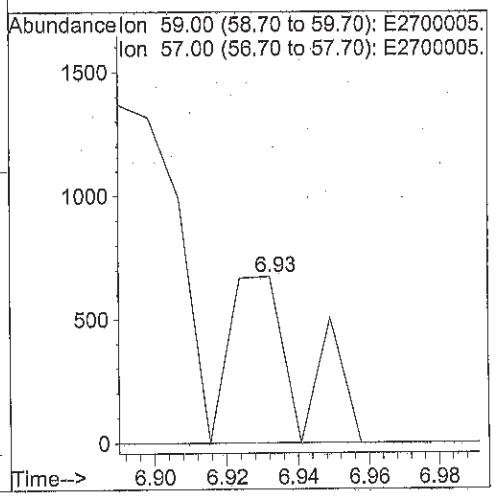


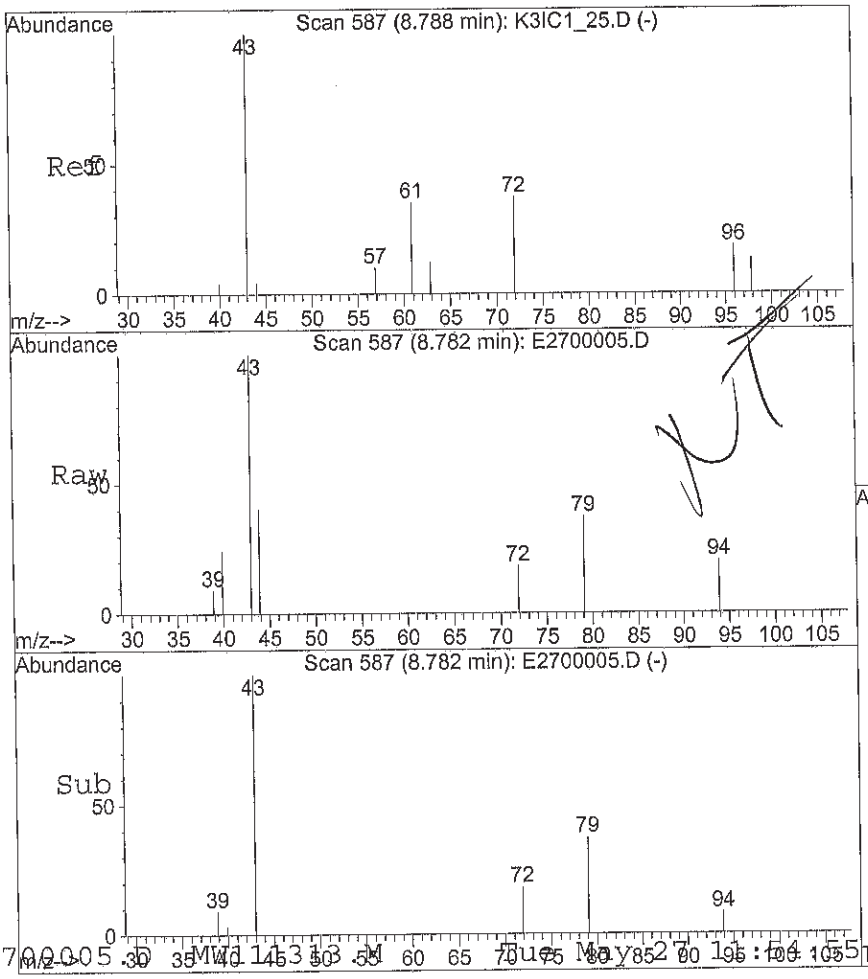


#15
(TBA) tert-Butanol
Concen: 2.87 ug/L
RT: 6.93 min Scan# 368
Delta R.T. -0.18 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 59 Resp: 935

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

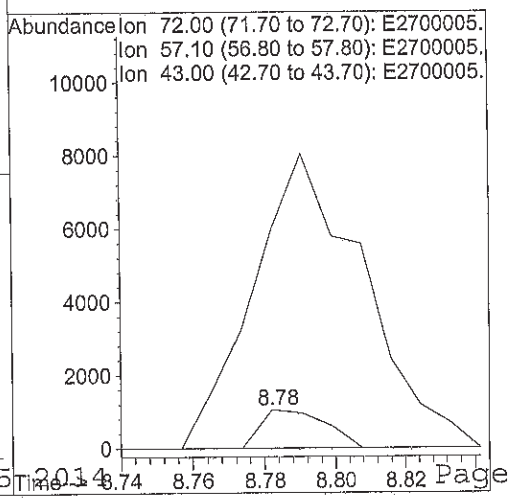


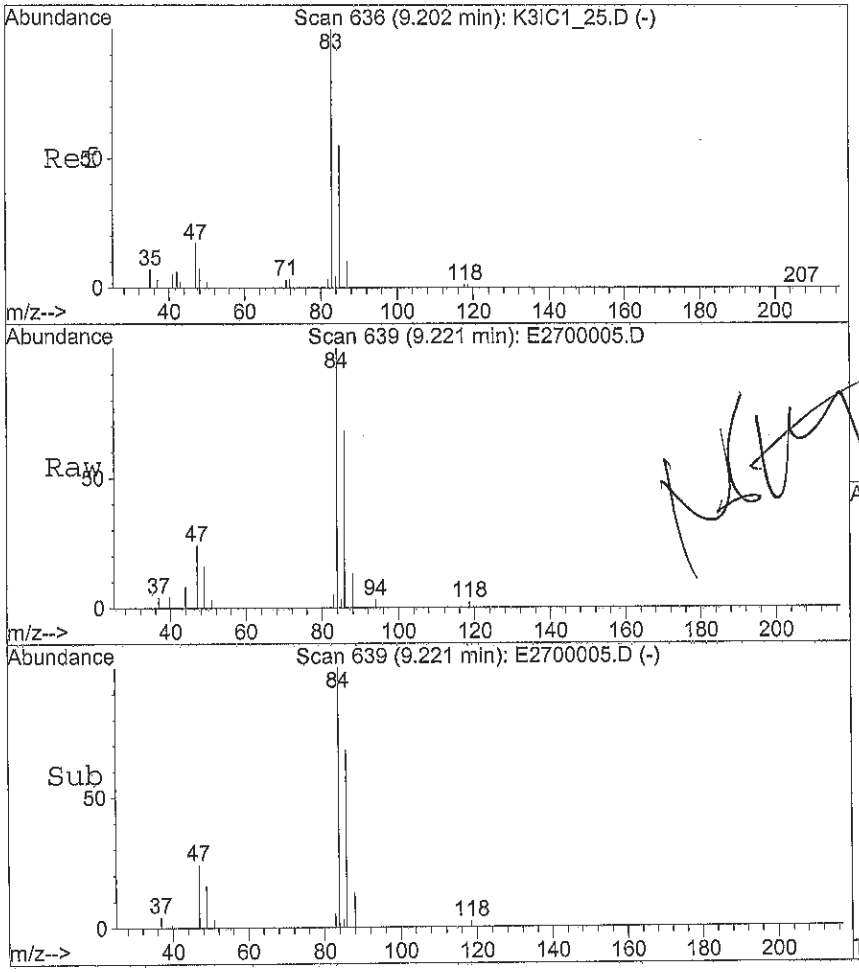


#21
(MEK) 2-Butanone
Concen: 2.44 ug/L
RT: 8.78 min Scan# 587
Delta R.T. -0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 72 Resp: 1310

Ion	Ratio	Lower	Upper
72	100		
57	0.0	17.5	26.3#
43	1335.3	314.2	471.2#

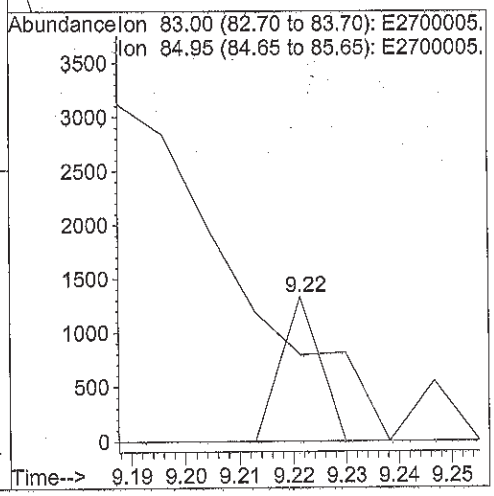


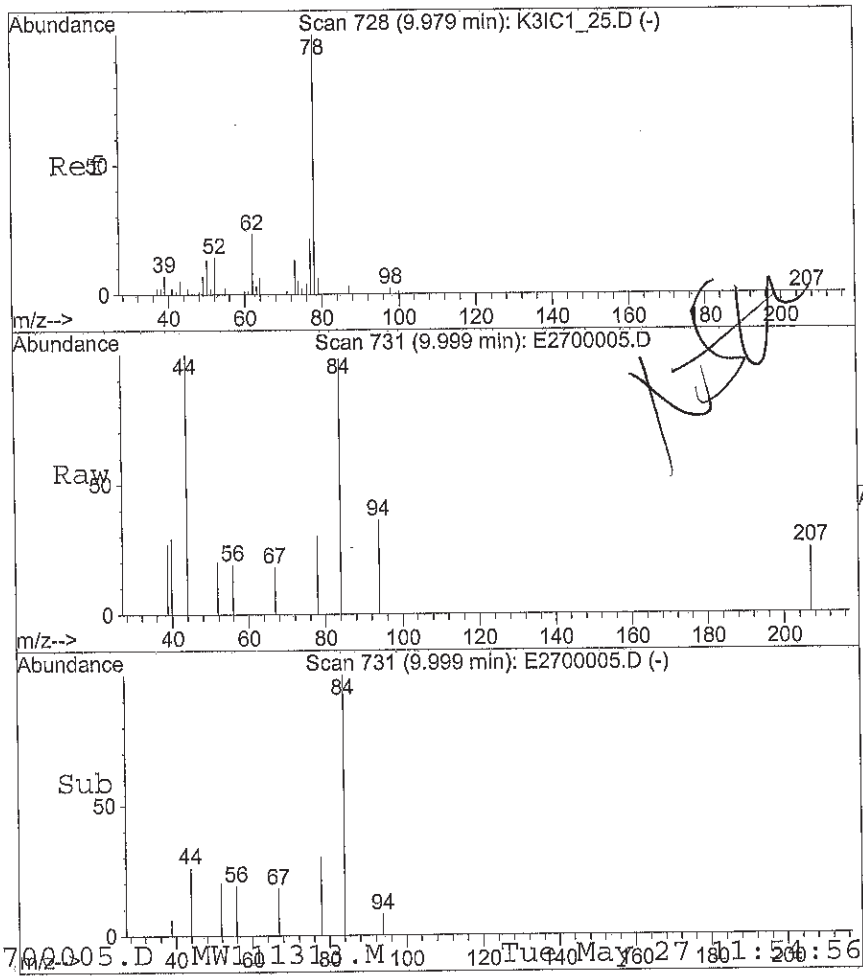


#24
Chloroform
Concen: 0.07 ug/L
RT: 9.22 min Scan# 639
Delta R.T. 0.02 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 83 Resp: 673

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

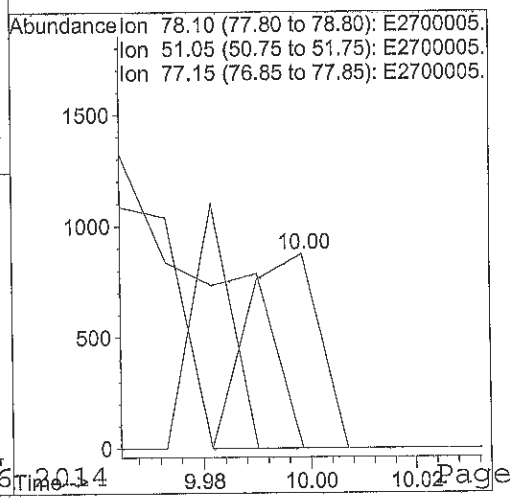


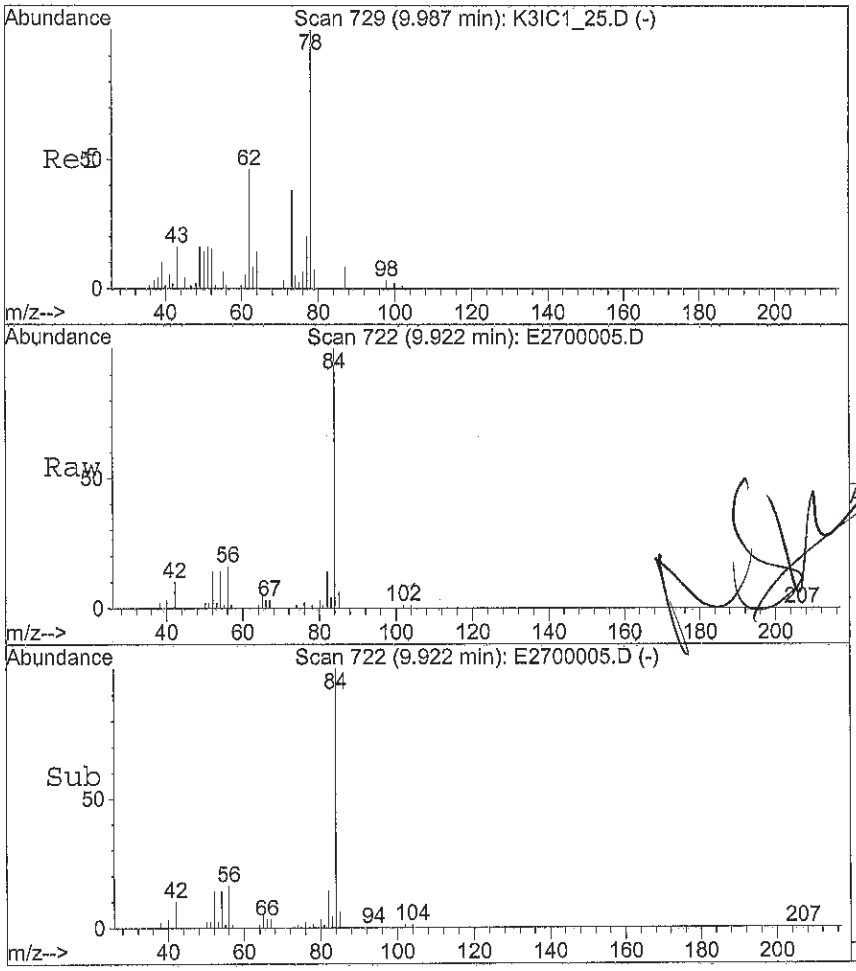


#31
Benzene
Concen: 0.05 ug/L
RT: 10.00 min Scan# 731
Delta R.T. 0.02 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 78 Resp: 828

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	67.4	16.6	24.8#

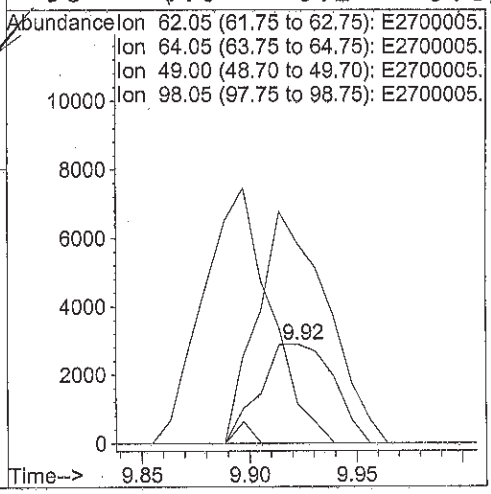


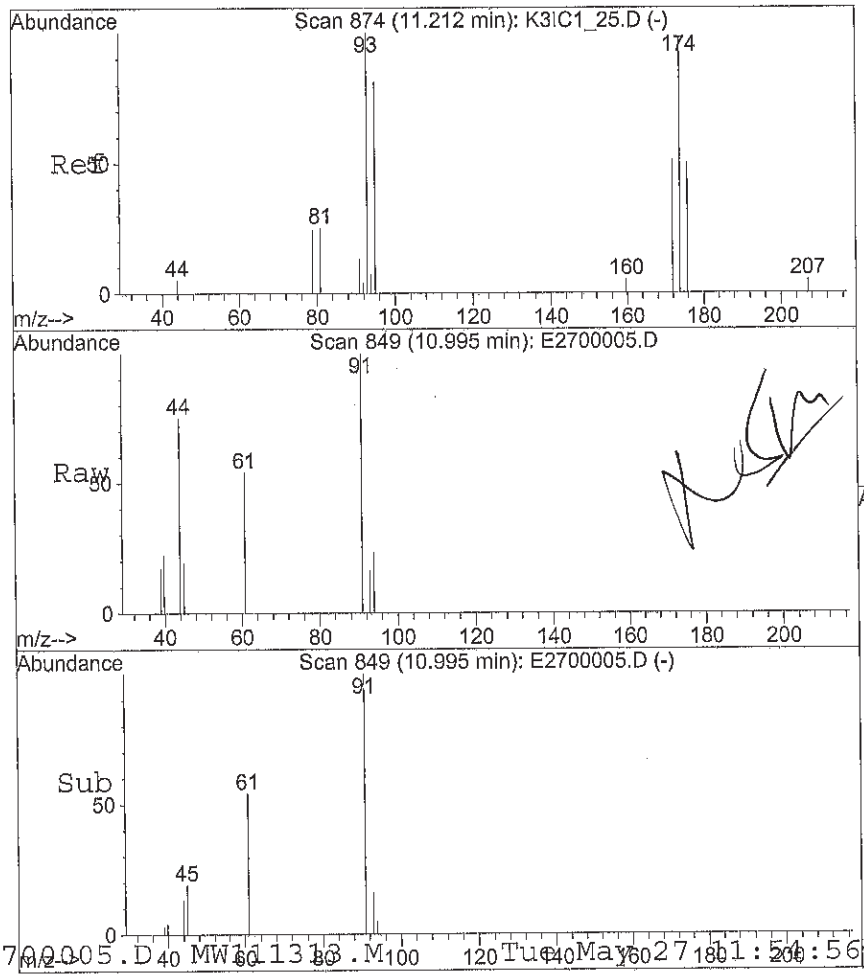


#32
1,2-Dichloroethane
Concen: 1.08 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 62 Resp: 6852

Ion	Ratio	Lower	Upper
62	100		
64	224.0	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

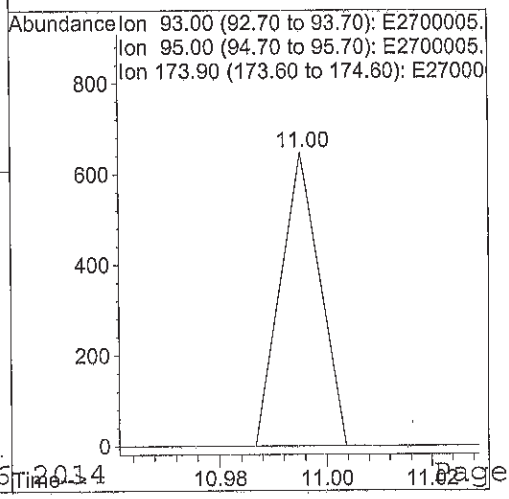


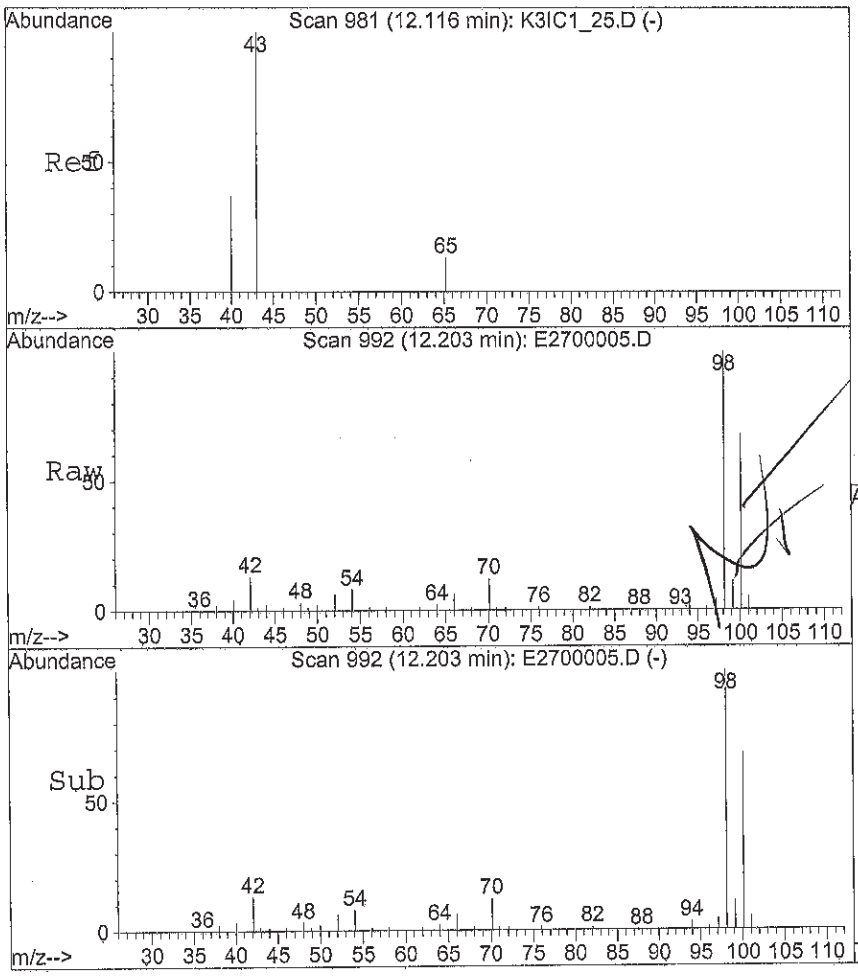


#35
Dibromomethane
Concen: 0.10 ug/L
RT: 11.00 min Scan# 849
Delta R.T. -0.22 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 93 Resp: 328

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.2	99.2#
174	0.0	75.5	113.3#

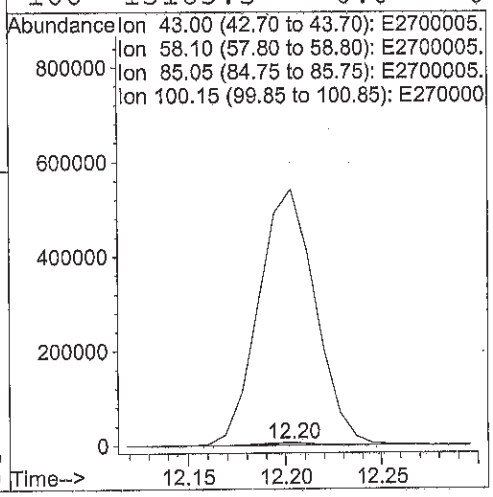


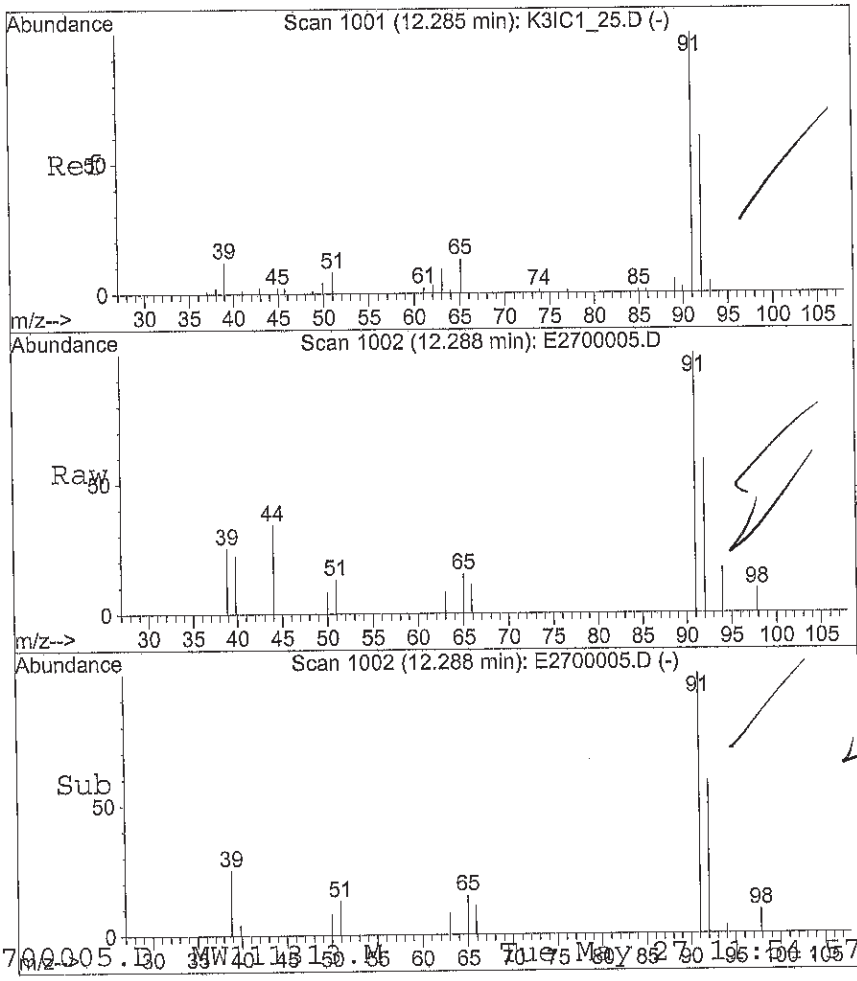


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.93 ug/L
RT: 12.20 min Scan# 992
Delta R.T. 0.09 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 43 Resp: 8397

Ion	Ratio	Lower	Upper
43	100		
58	139.0	0.0	0.0#
85	0.0	0.0	0.0
100	13163.3	0.0	0.0#

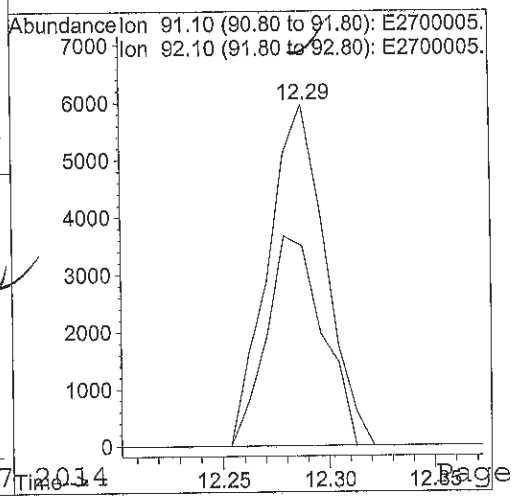


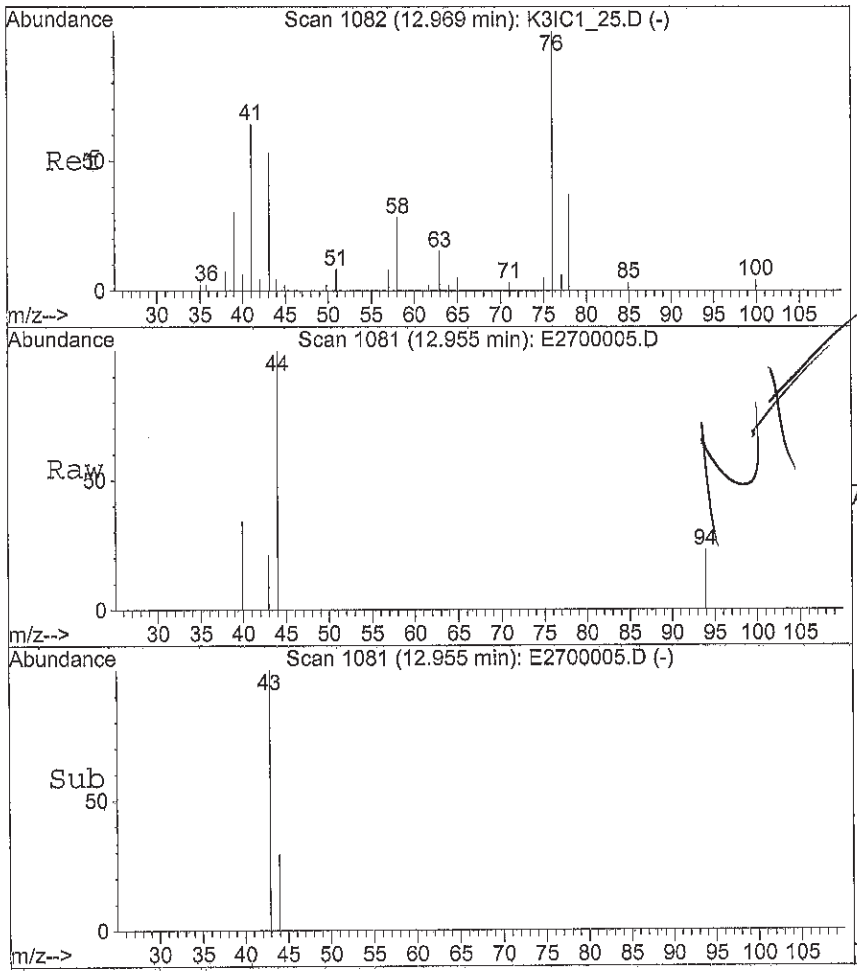


#41
Toluene
Concen: 0.57 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 91 Resp: 11160

Ion	Ratio	Lower	Upper
91	100		
92	60.3	47.4	71.0

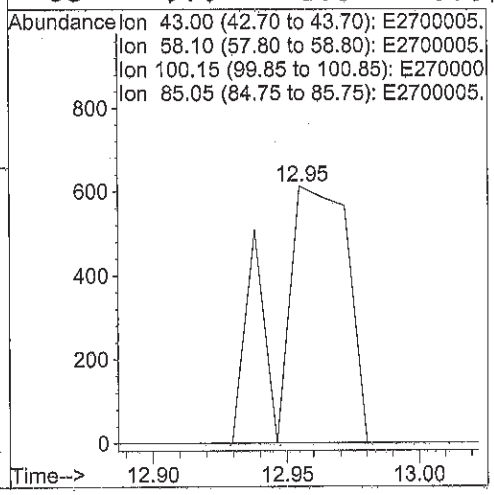


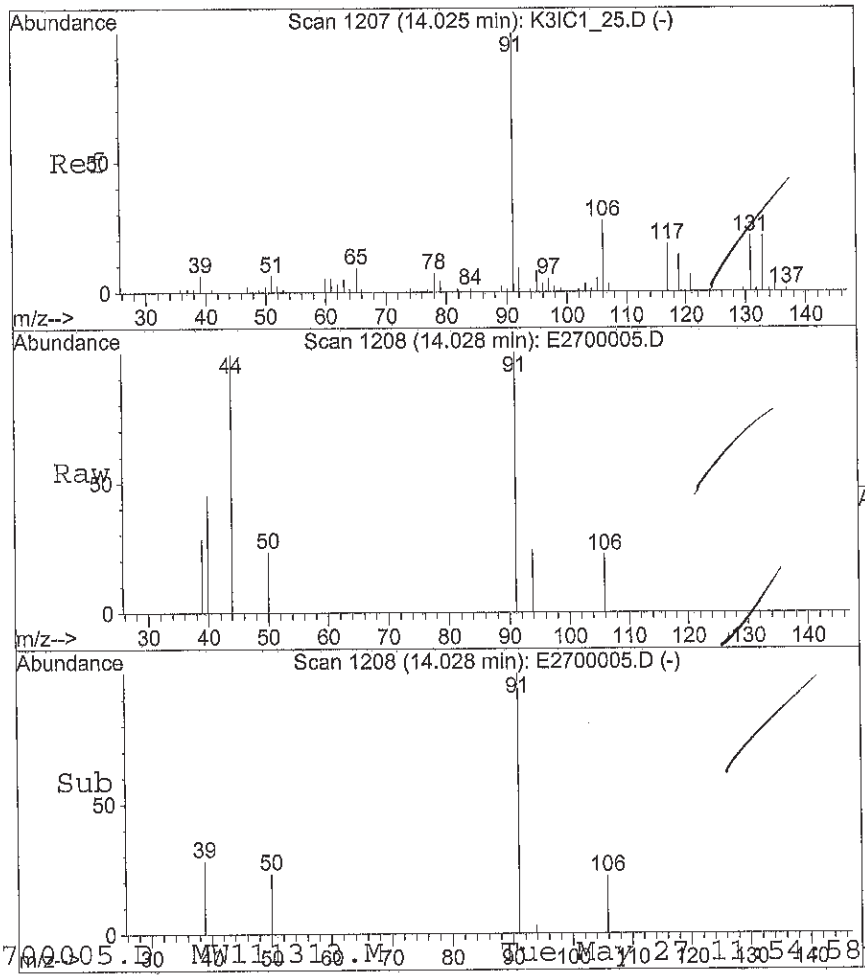


#46
2-Hexanone
Concen: 0.37 ug/L
RT: 12.95 min Scan# 1081
Delta R.T. -0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 43 Resp: 1151

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

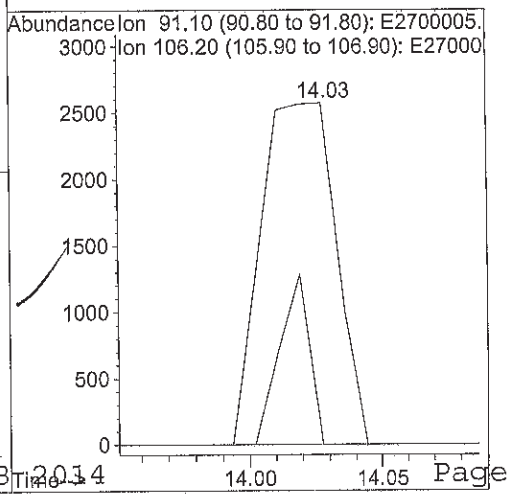


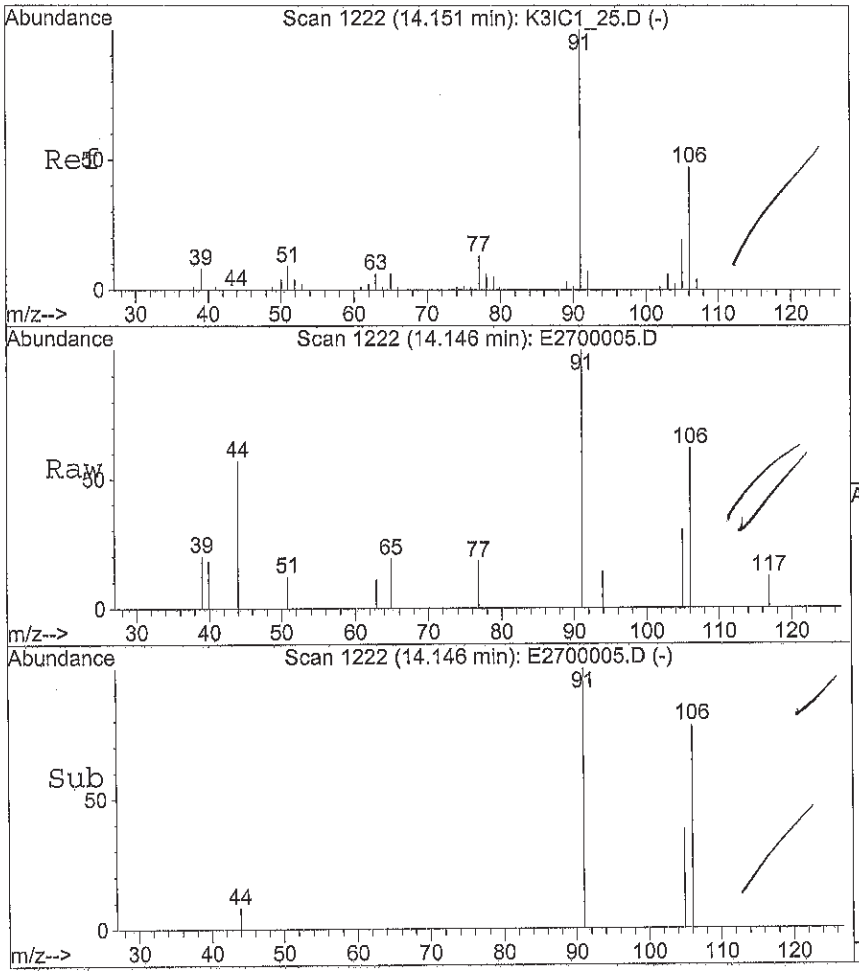


#51
Ethylbenzene
Concen: 0.22 ug/L
RT: 14.03 min Scan# 1208
Delta R.T. 0.00 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 91 Resp: 5010

Ion	Ratio	Lower	Upper
91	100		
106	19.9	23.5	35.3#

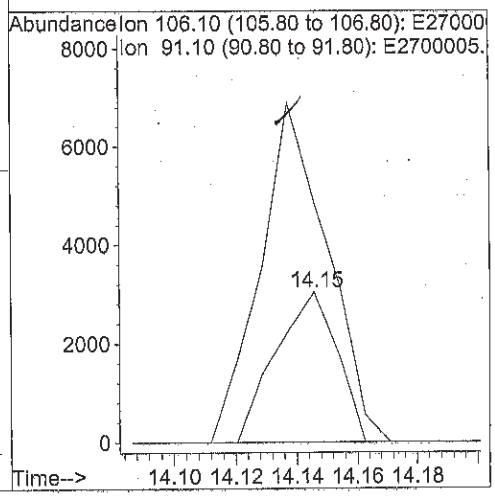


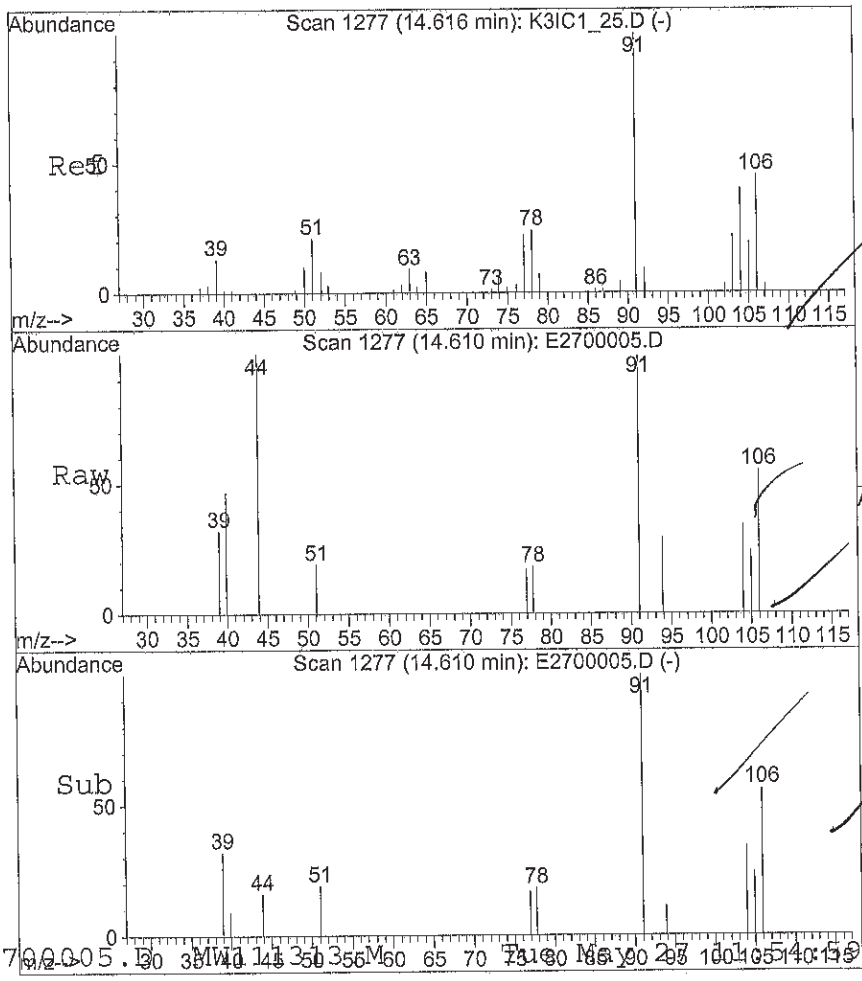


#52
m,p-Xylenes
Concen: 0.54 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion:106 Resp: 4256

Ion	Ratio	Lower	Upper
106	100		
91	246.4	177.1	265.7

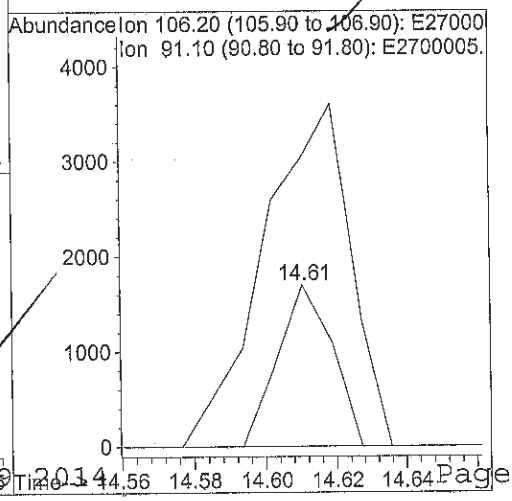


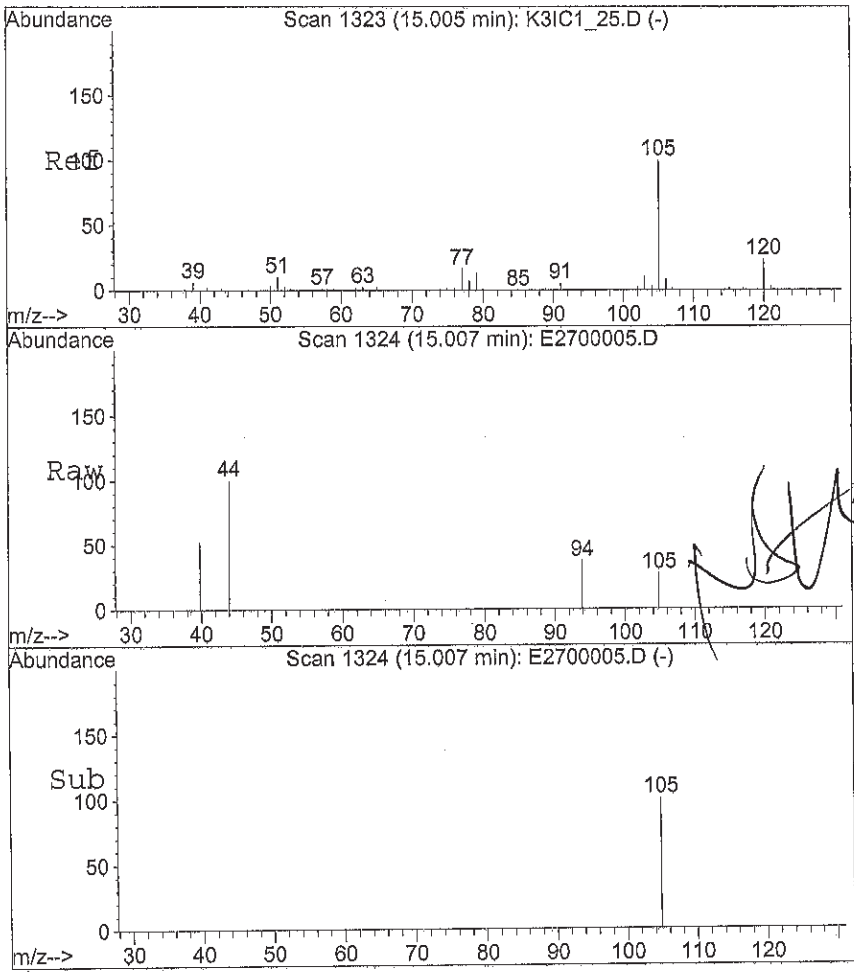


#53
o-Xylene
Concen: 0.23 ug/L
RT: 14.61 min Scan# 1277
Delta R.T. -0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion:106 Resp: 1809

Ion	Ratio	Lower	Upper
106	100		
91	339.0	179.0	268.6#

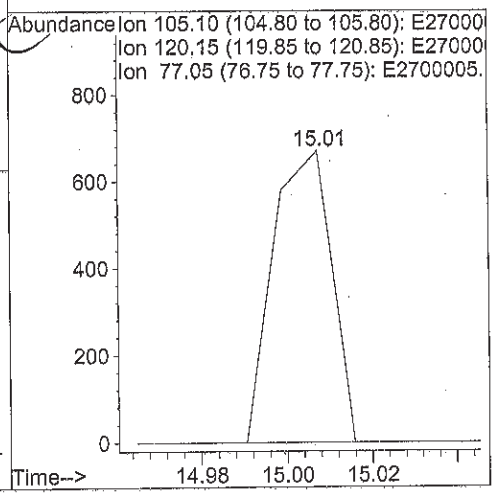


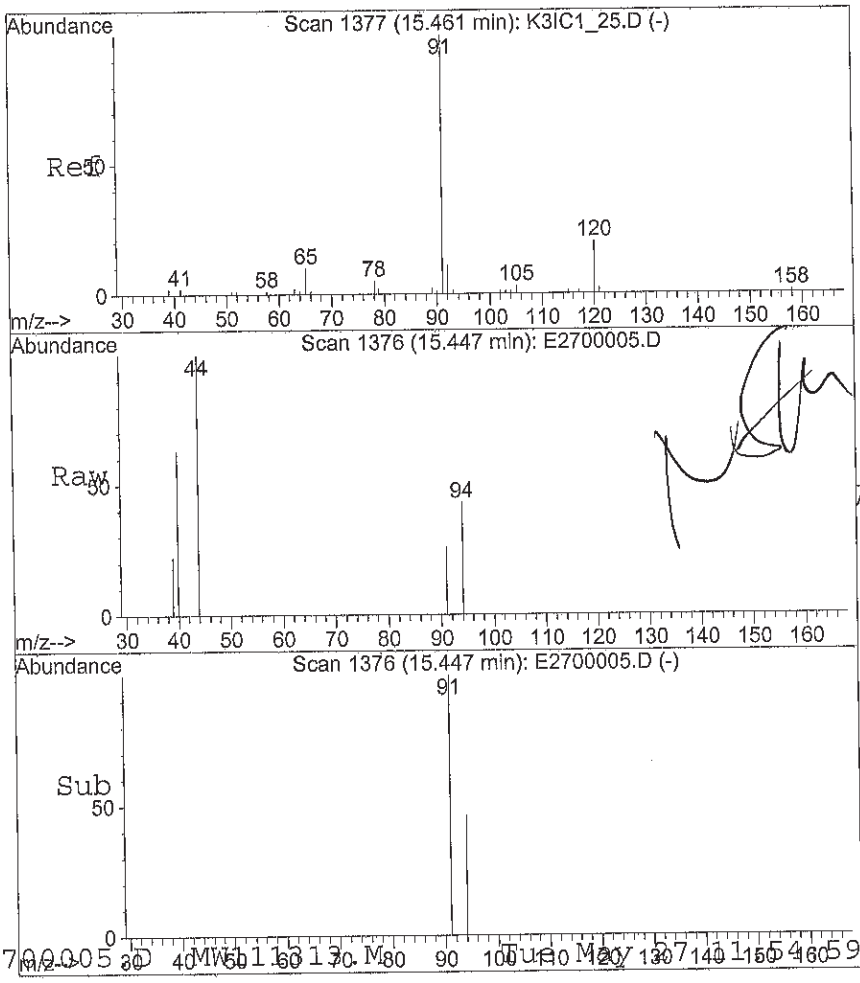


#56
Isopropylbenzene
Concen: 0.03 ug/L
RT: 15.01 min Scan# 1324
Delta R.T. 0.00 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion:105 Resp: 634

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

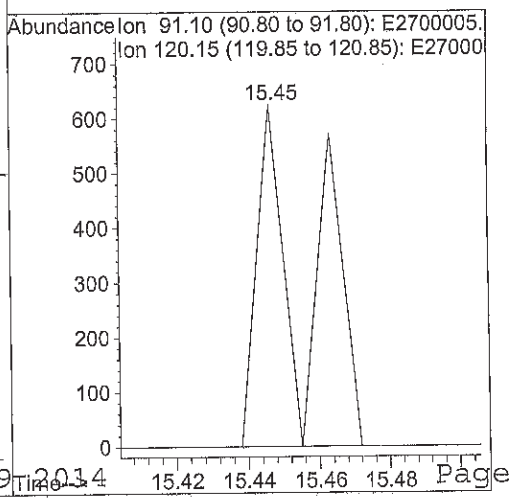


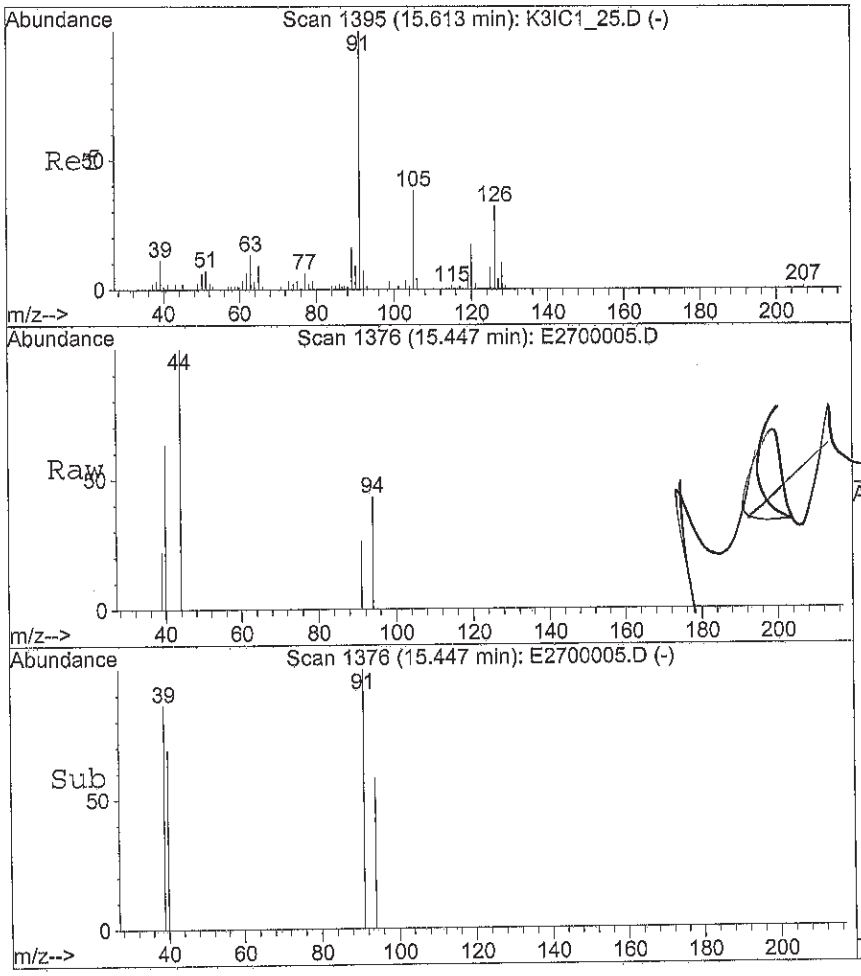


#62
n-Propylbenzene
Concen: 0.02 ug/L
RT: 15.45 min Scan# 1376
Delta R.T. -0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 91 Resp: 606

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

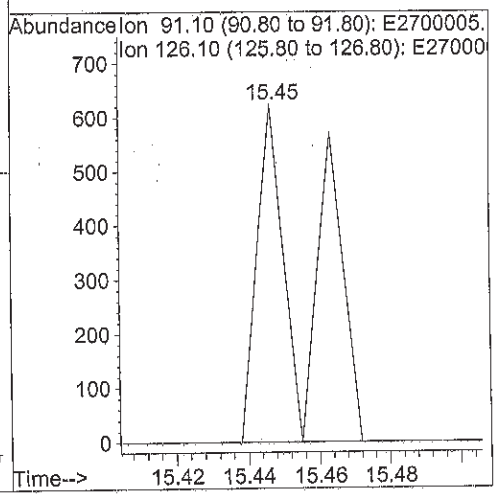


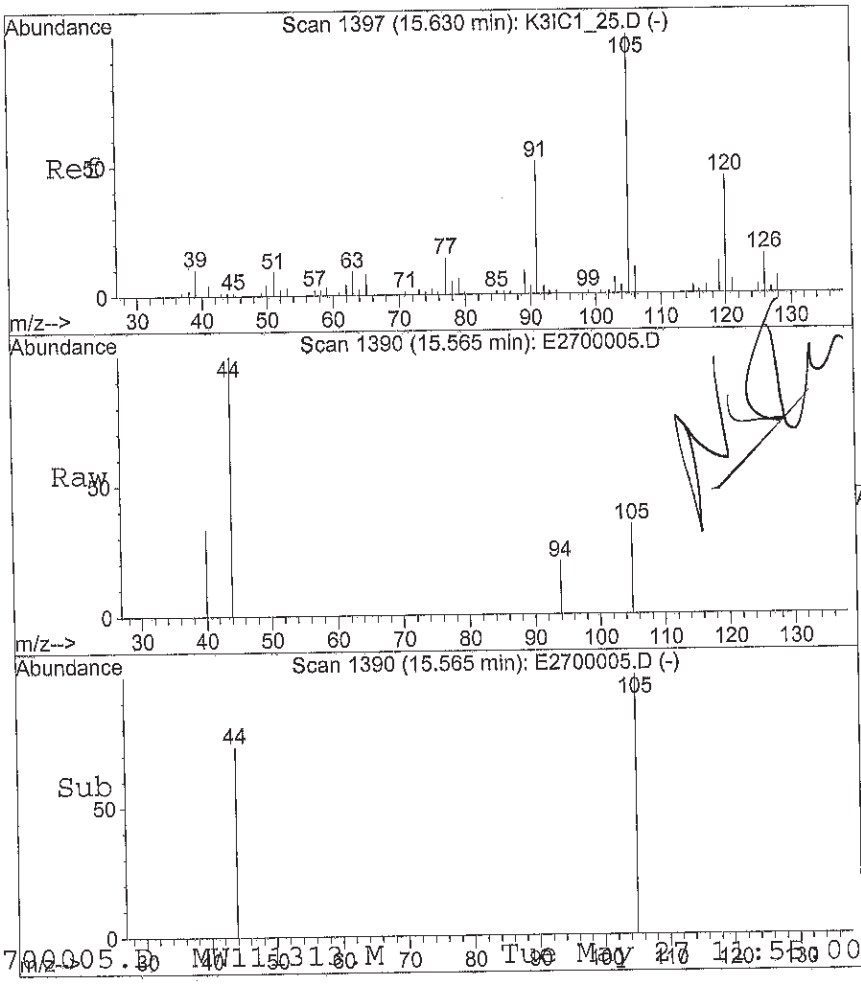


#63
2-Chlorotoluene
Concen: 0.03 ug/L
RT: 15.45 min Scan# 1376
Delta R.T. -0.17 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion: 91 Resp: 606

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

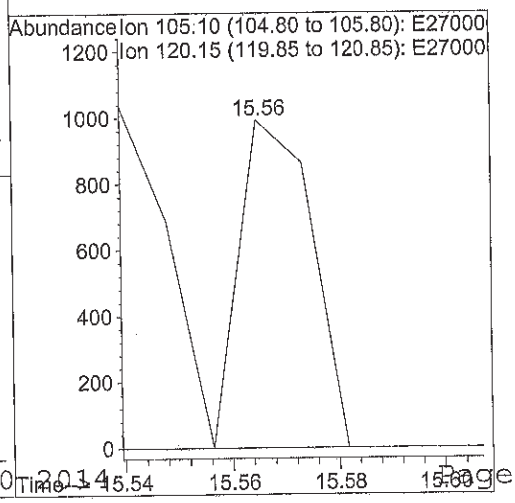


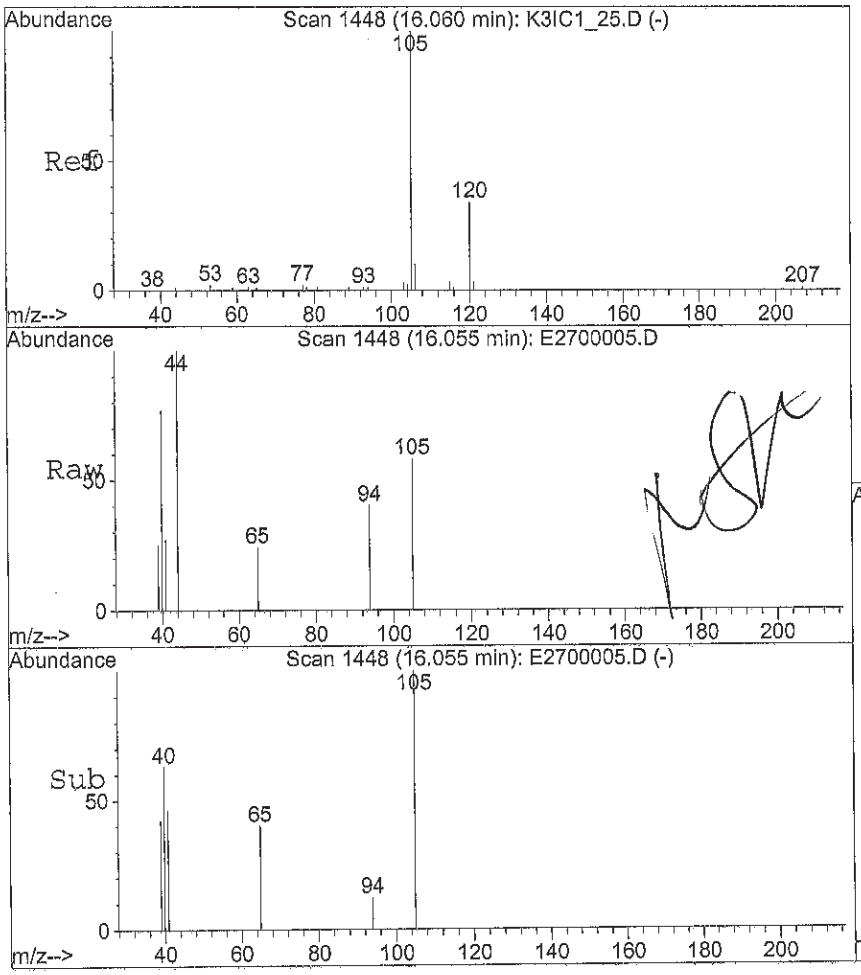


#64
1,3,5-Trimethylbenzene
Concen: 0.05 ug/L
RT: 15.56 min Scan# 1390
Delta R.T. -0.06 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion:105 Resp: 940

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

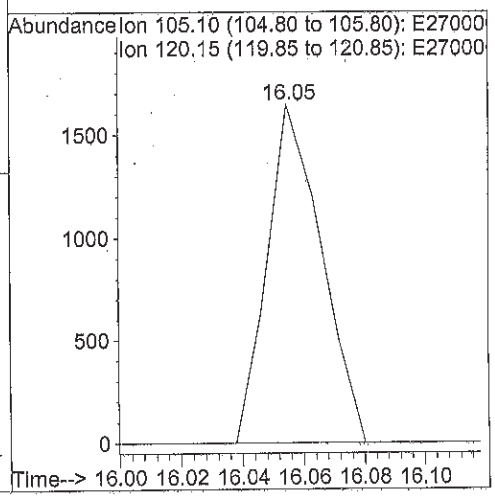


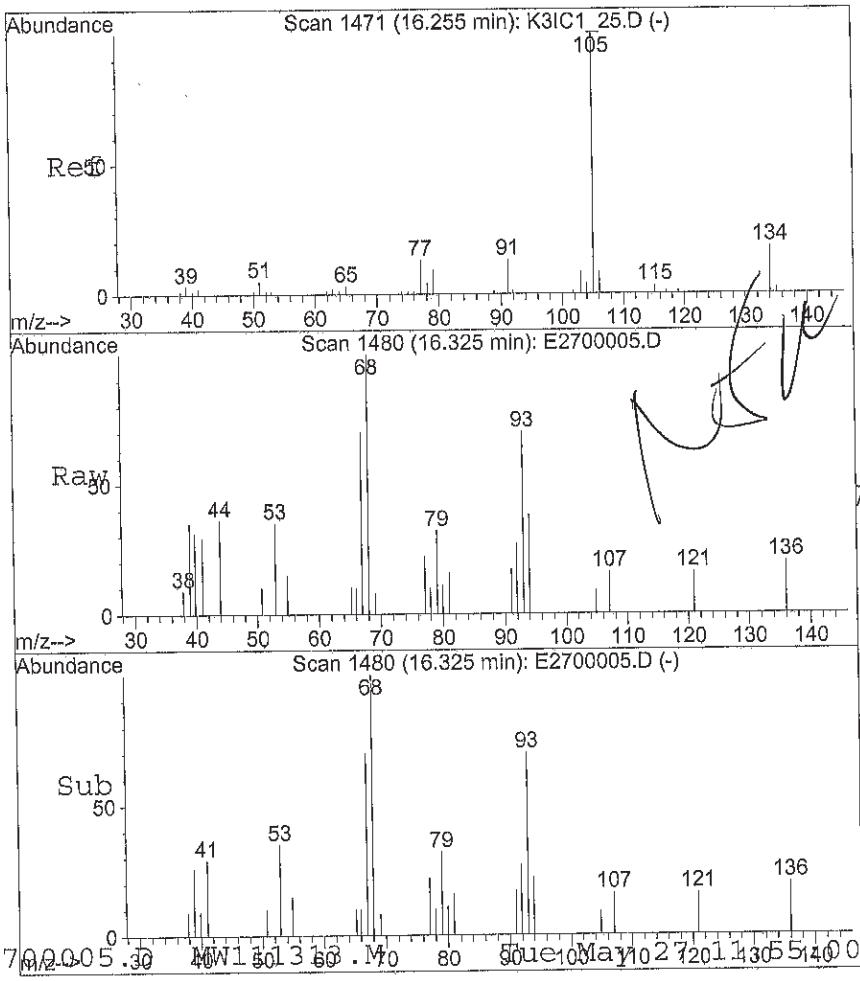


#67
1,2,4-Trimethylbenzene
Concen: 0.10 ug/L
RT: 16.05 min Scan# 1448
Delta R.T. -0.01 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion:105 Resp: 2022

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

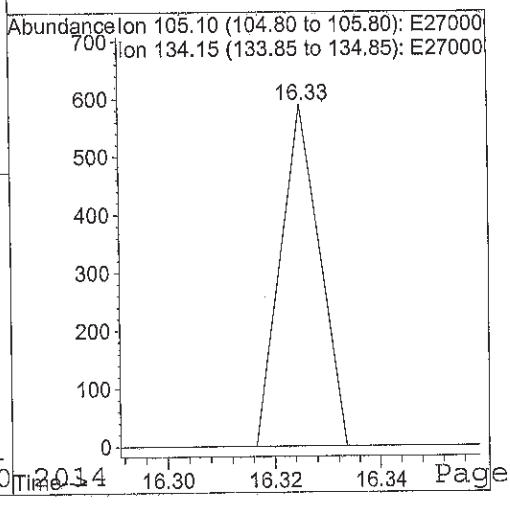


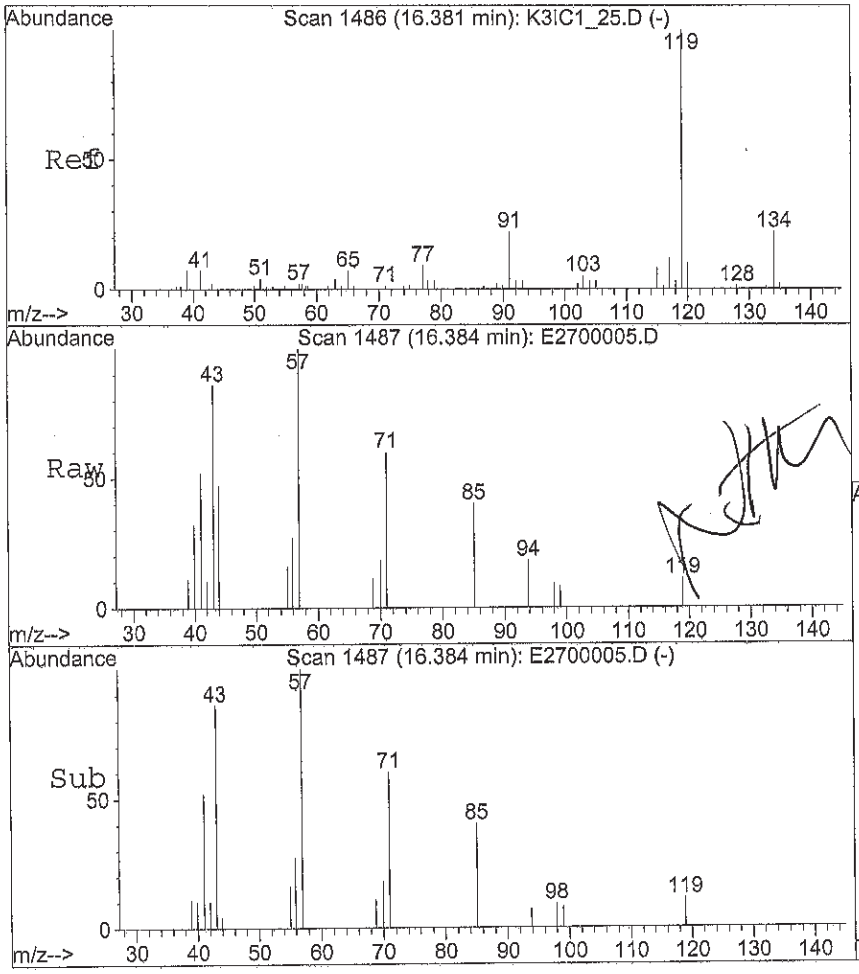


#68
sec-Butylbenzene
Concen: 0.01 ug/L
RT: 16.33 min Scan# 1480
Delta R.T. 0.07 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion:105 Resp: 298

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

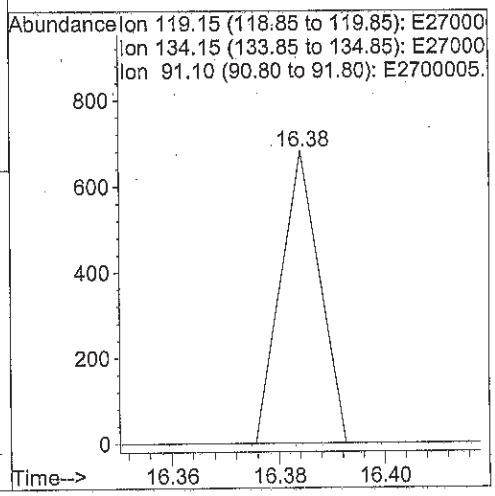


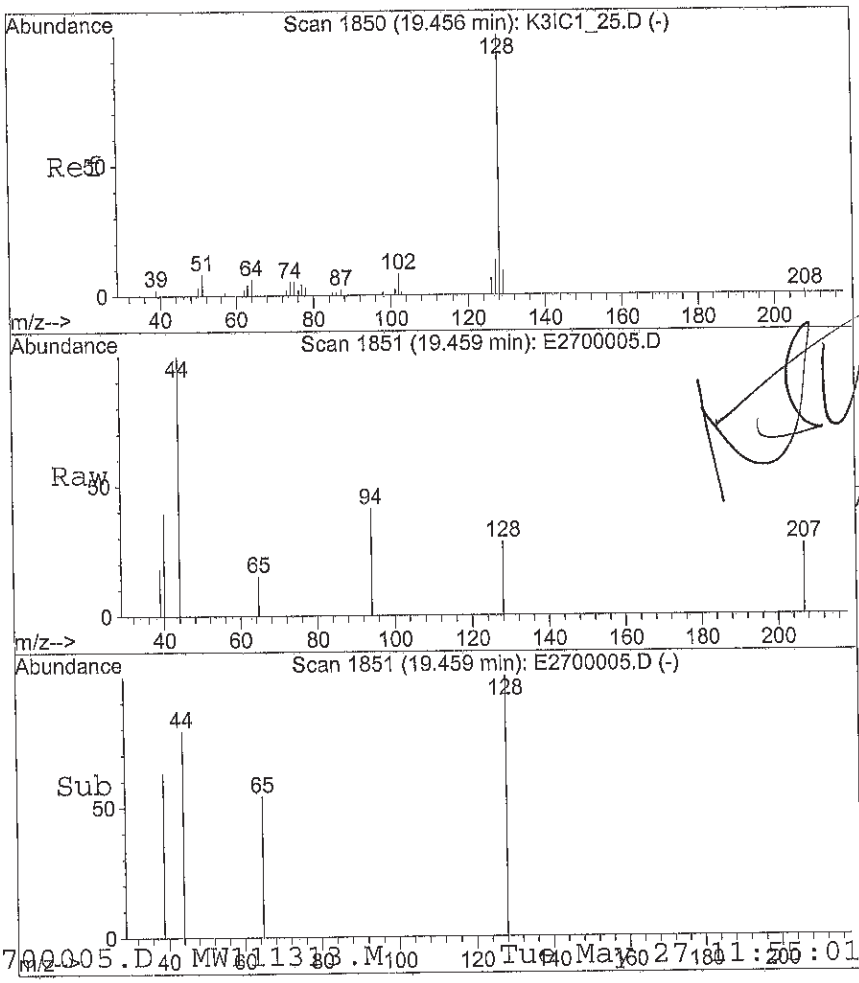


#69
p-Isopropyltoluene
Concen: 0.02 ug/L
RT: 16.38 min Scan# 1487
Delta R.T. 0.00 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion:119 Resp: 345

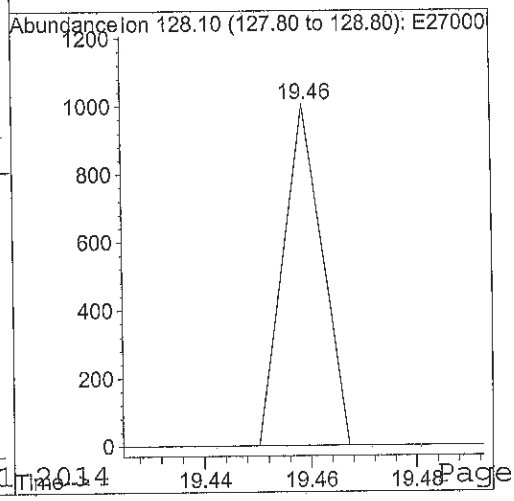
Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#





#77
Naphthalene
Concen: 0.03 ug/L
RT: 19.46 min Scan# 1851
Delta R.T. 0.00 min
Lab File: E2700005.D
Acq: 27 May 2014 11:32 am

Tgt Ion:128 Resp: 509



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700005.D Vial: 4
Acq On : 27 May 2014 11:32 am Operator: DN
Sample : 3E42701-04 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-13.0-14.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:55 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1913339	12.50 ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.92	117	1436297	12.50 ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	745284	12.50 ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	533258	10.72 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 85.76%		
3) Chloroform-d (SU6)	9.18	84	797105	11.16 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 89.28%		
4) Methylene Chloride-d2 (SU5	7.07	86	460219	11.03 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 88.24%		
5) 1,2-Dichloroethane-d4 (SU2	9.89	65	505491	14.86 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 118.88%		
6) Benzene-d6 (SU7)	9.92	84	1555063	10.36 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 82.88%		
8) Toluene-d8 (SU3)	12.20	98	1639551	12.03 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.24%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	764175	13.58 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 108.64%		

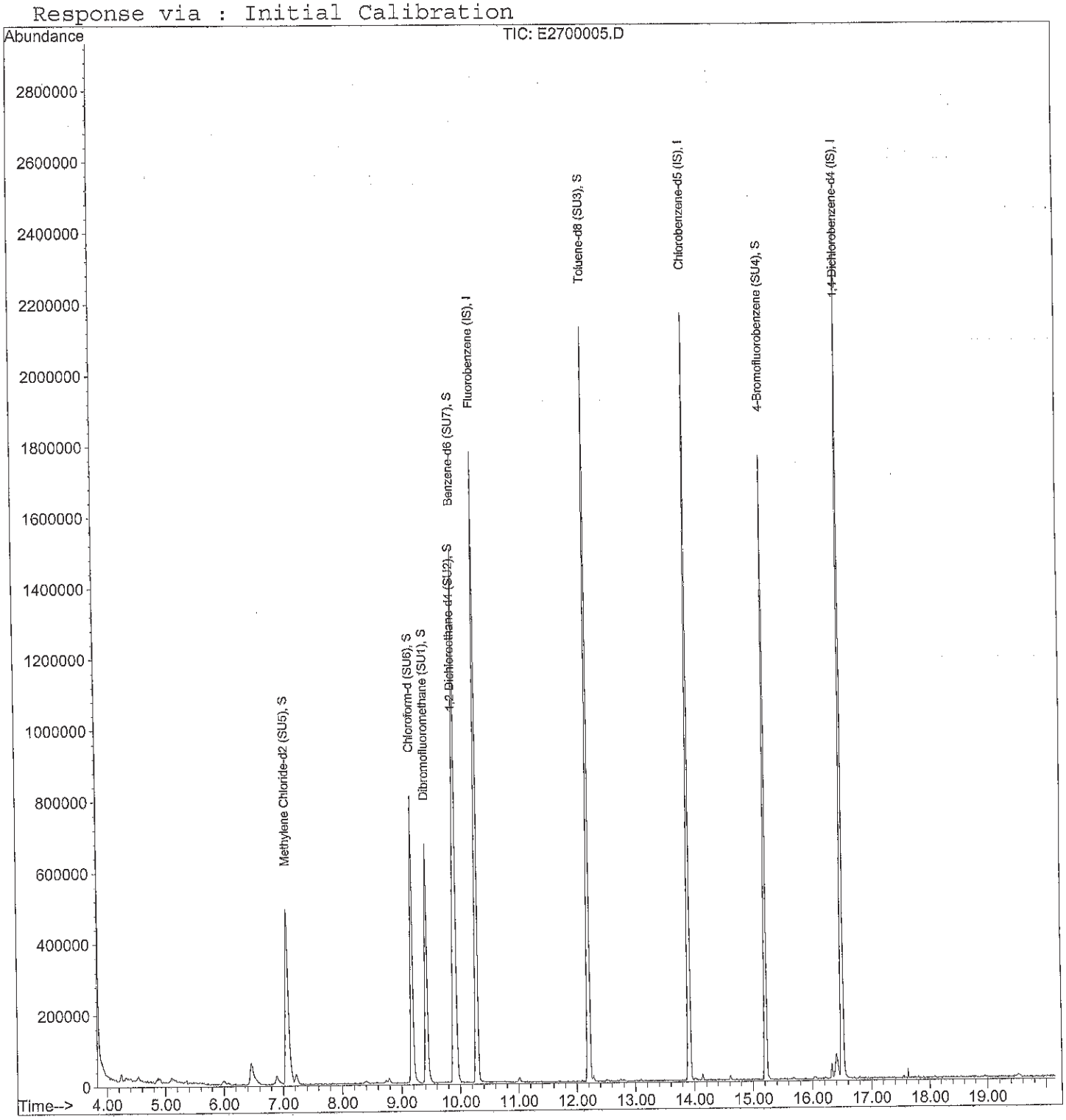
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700005.D Vial: 4
Acq On : 27 May 2014 11:32 am Operator: DN
Sample : 3E42701-04 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-13.0-14.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 11:55 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700006.D
Acq On : 27 May 2014 12:03 pm
Sample : 3E42701-05
Misc : 100cc SVL-502-SA5D-SV-18.0-19.0
MS Integration Params: rteint.p
Quant Time: May 27 12:35 19114

Vial: 5
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1697668	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1272990	12.50 ug/L	-0.01
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	687505	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	477777	11.28 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 90.24%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	480401	11.94 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 95.52%		
39) Toluene-d8 (SU3)	12.20	98	1488174	12.53 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 100.24%		
58) 4-Bromofluorobenzene (SU4)	15.22	95	713802	13.71 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 109.68%		

Target Compounds					Qvalue
4) Chloromethane	4.40	50	12801	3.28 ~~ug/L #~~ NT	78
6) Bromomethane	5.07	96	20579	9.24 ~~ug/L~~ NT	80
7) Chloroethane	5.20	64	2815	2.68 ug/L 0.0536	96
11) Acetone	6.46	58	18648	27.79 ~~ug/L~~ NT	88
12) (IPA) Leak Check Compound	6.48	45	167240	819.81 ~~ug/L #~~ NSM	87
13) Carbon disulfide	6.84	76	5168	0.37 ~~ug/L #~~	76
14) Methylene Chloride	7.07	84	5115	1.10 ~~ug/L #~~	1
15) (TBA) tert-Butanol	6.88	59	4938	17.05 ~~ug/L #~~ NT	77
21) (MEK) 2-Butanone	8.80	72	578	1.21 ~~ug/L #~~ NSM	1
24) Chloroform	9.22	83	2352	0.26 ~~ug/L #~~	18
25) (ETBE) 2-ethoxy 2-methyl p	8.51	59	2935	0.24 ~~ug/L #~~	44
29) 1,1-Dichloropropene	9.92	75	965	0.15 ~~ug/L #~~	1
31) Benzene	9.99	78	497	0.03 ~~ug/L #~~	57
32) 1,2-Dichloroethane	9.92	62	6166	1.09 ~~ug/L #~~	1
40) (MIBK) 4-Methyl-2-Pentanon	12.19	43	8241	3.24 ~~ug/L #~~ NT	100
41) Toluene	12.29	91	6030	0.35 ug/L 0.007	93
46) 2-Hexanone	12.96	43	1149	0.41 ~~ug/L #~~	37
51) Ethylbenzene	14.03	91	3922	0.20 ug/L #0.0004	62
52) m,p-Xylenes	14.15	106	4083	0.58 ug/L 0.0116	80
53) o-Xylene	14.61	106	1001	0.14 ug/L #0.0028	1
54) Styrene	14.61	104	1217	-0.75 ~~ug/L #~~ NSM	10
56) Isopropylbenzene	15.21	105	1266	0.07 ~~ug/L #~~ NSM	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700006.D Vial: 5
Acq On : 27 May 2014 12:03 pm Operator: DN
Sample : 3E42701-05 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-18.0-19.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 12:35 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

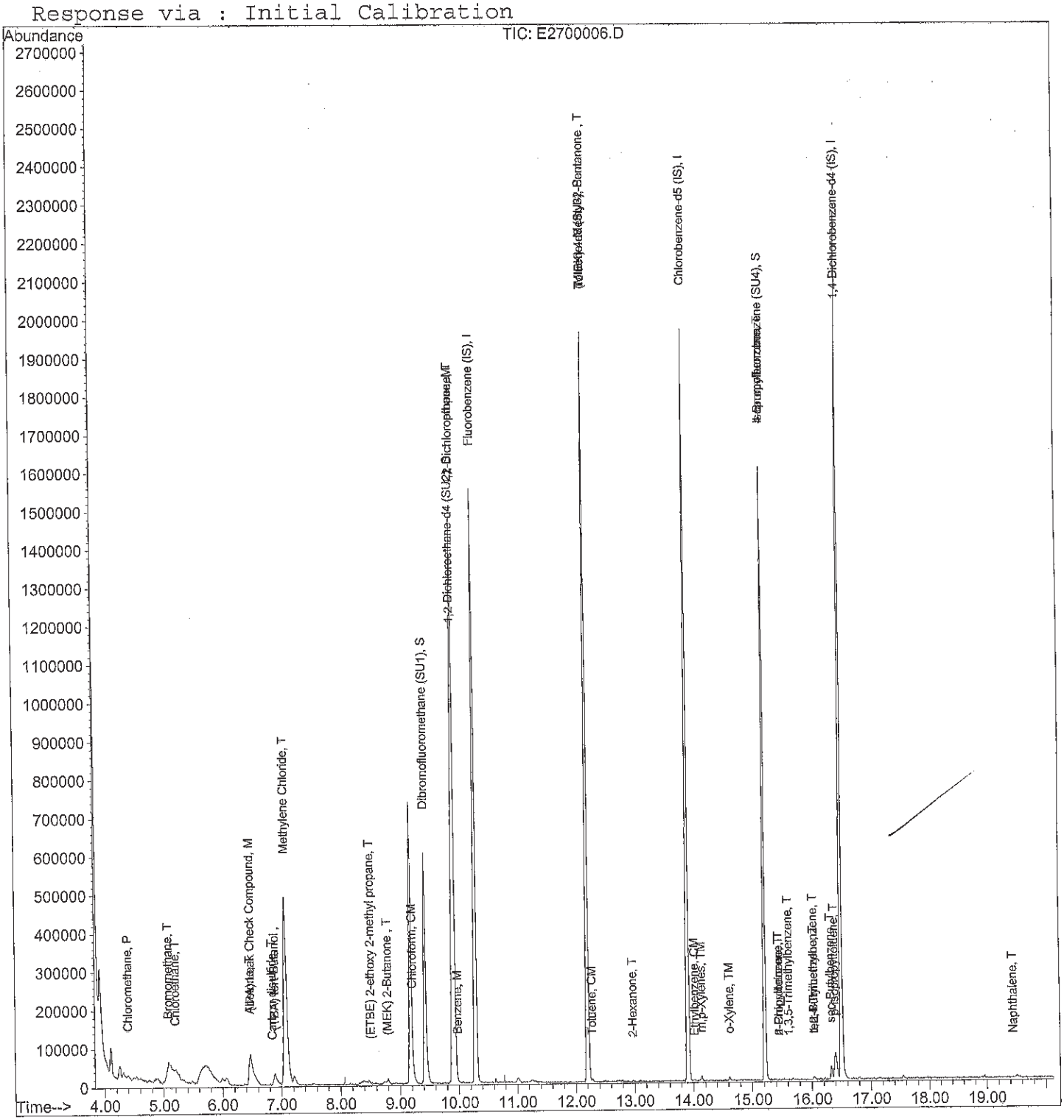
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
62) n-Propylbenzene	15.45	91	1050	0.04	~~ug/L #~~	56
63) 2-Chlorotoluene	15.45	91	1050	0.06	ug/L #	45
64) 1,3,5-Trimethylbenzene	15.62	105	277	0.02	~~ug/L #~~	31
66) tert-Butylbenzene	16.05	119	331	0.02	~~ug/L #~~	24
67) 1,2,4-Trimethylbenzene	16.05	105	2752	0.15	~~ug/L #~~	50 0.003
68) sec-Butylbenzene	16.33	105	314	0.01	ug/L #	62
69) p-Isopropyltoluene	16.38	119	365	0.02	ug/L #	52
77) Naphthalene	19.44	128	337	0.02	~~ug/L~~	100

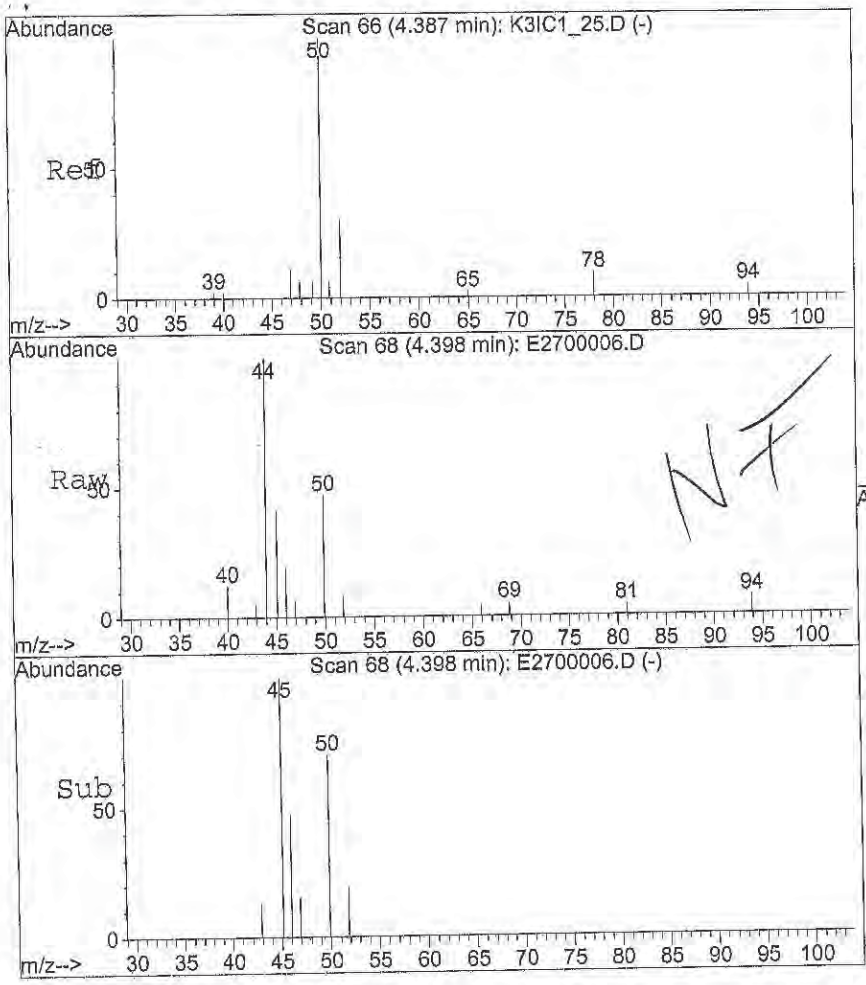
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700006.D Vial: 5
Acq On : 27 May 2014 12:03 pm Operator: DN
Sample : 3E42701-05 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-18.0-19.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 12:35 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

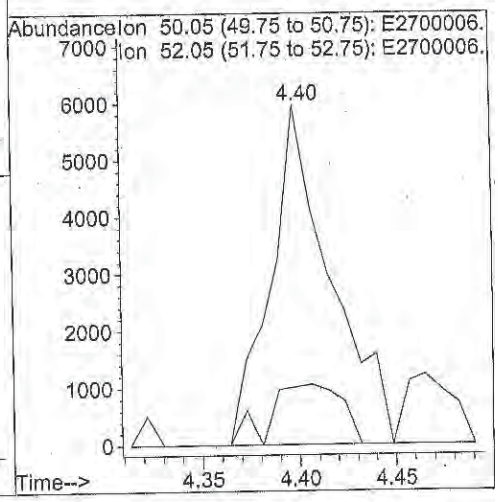


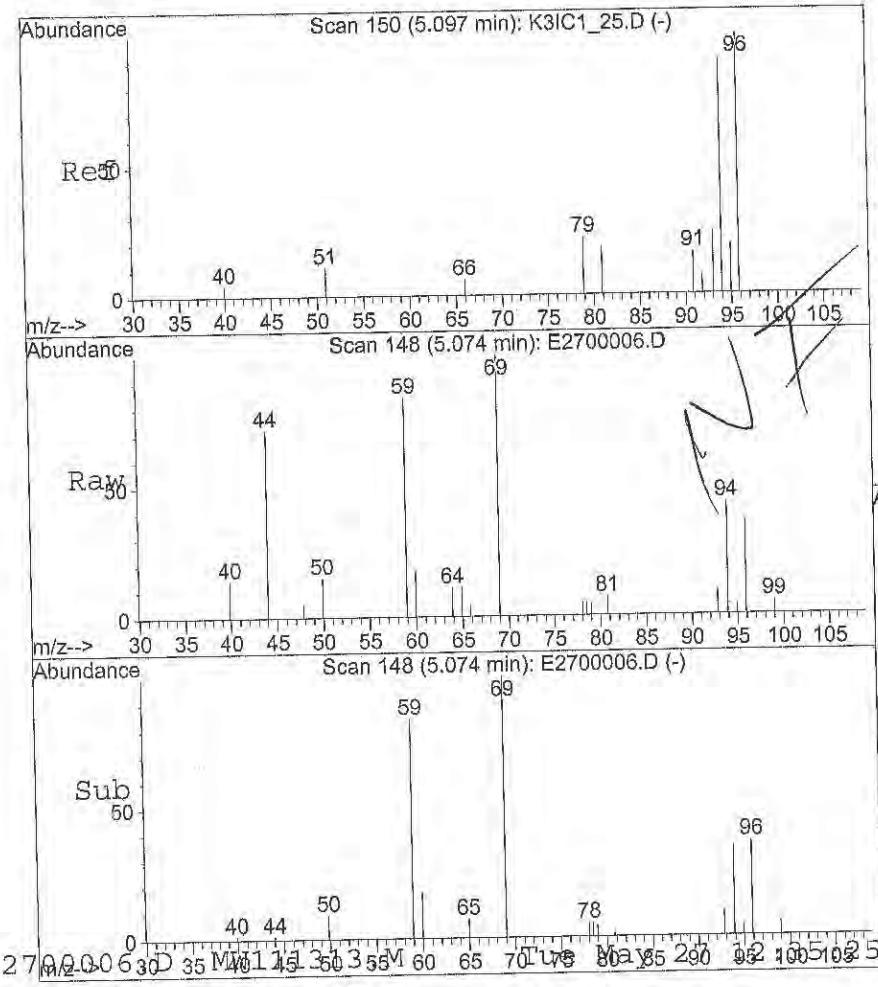


#4
Chloromethane
Concen: 3.28 ug/L
RT: 4.40 min Scan# 68
Delta R.T. 0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 50 Resp: 12801

Ion	Ratio	Lower	Upper
50	100		
52	21.0	26.9	40.3#

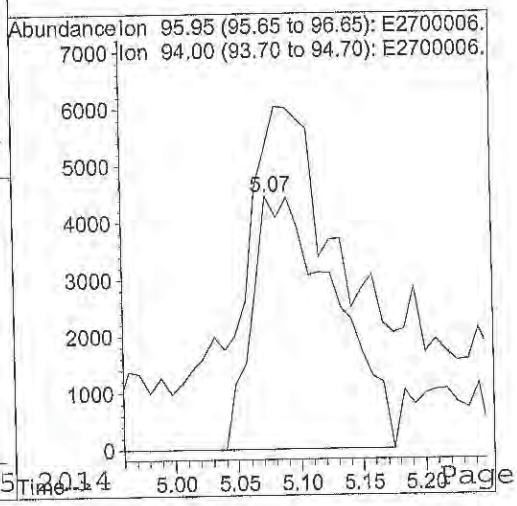


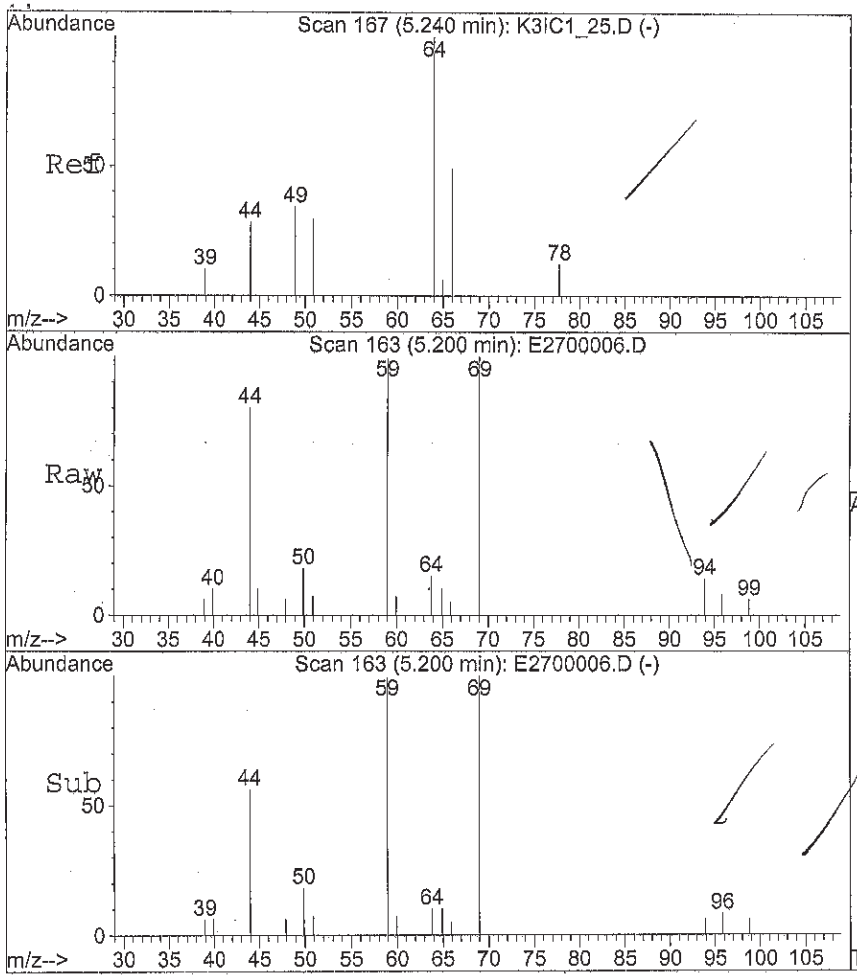


#6
Bromomethane
Concen: 9.24 ug/L
RT: 5.07 min Scan# 148
Delta R.T. -0.02 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 96 Resp: 20579

Ion	Ratio	Lower	Upper
96	100		
94	148.8	101.0	151.4

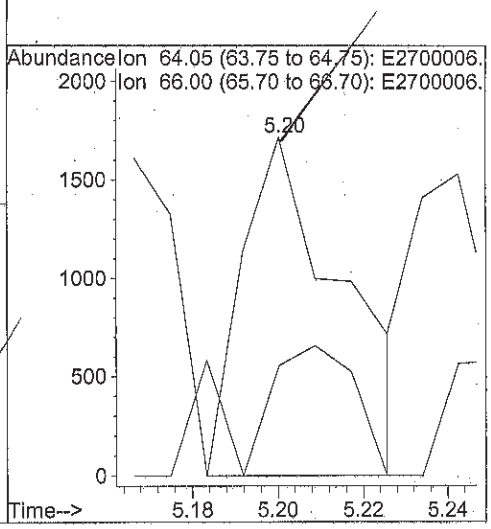


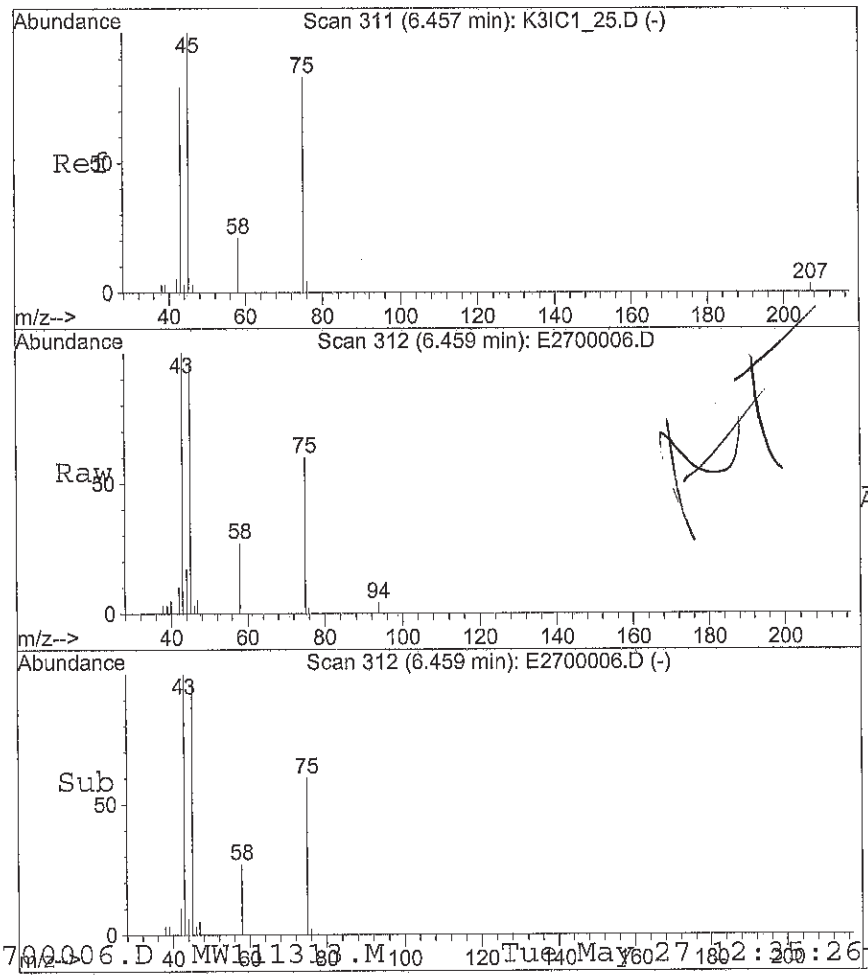


#7
Chloroethane
Concen: 2.68 ug/L
RT: 5.20 min Scan# 163
Delta R.T. -0.04 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 64 Resp: 2815

Ion	Ratio	Lower	Upper
64	100		
66	41.6	35.4	53.0

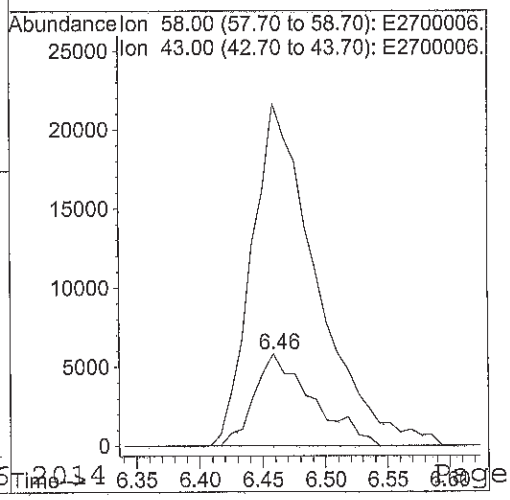


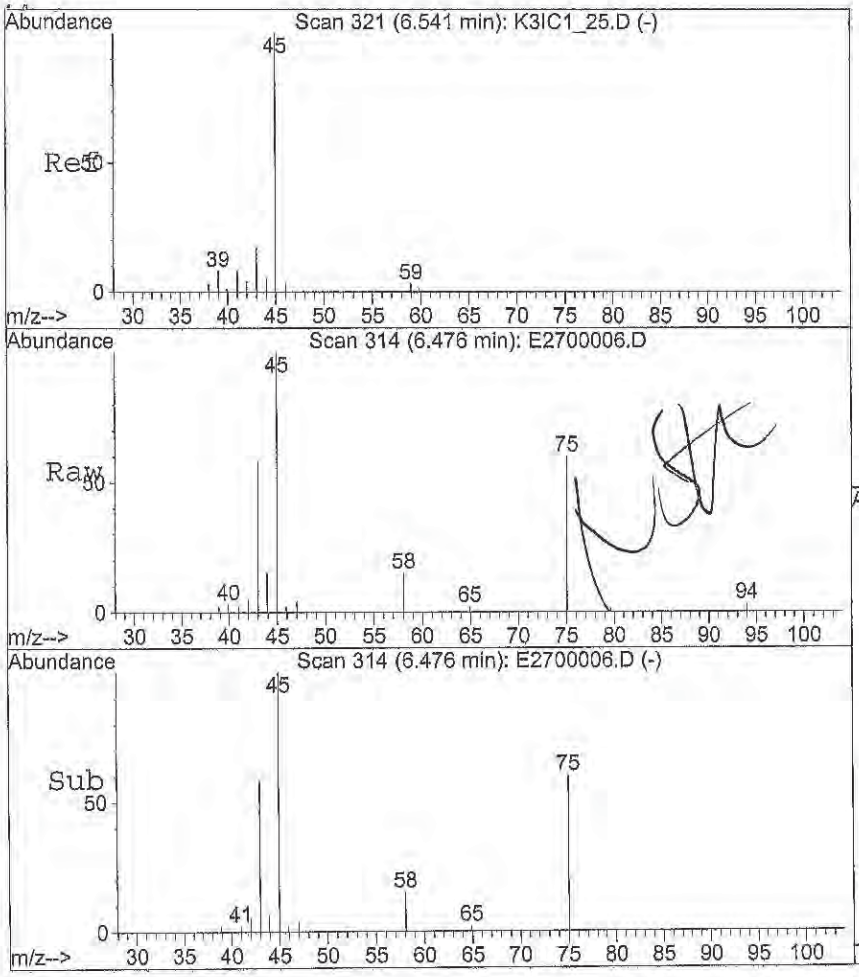


#11
Acetone
Concen: 27.79 ug/L
RT: 6.46 min Scan# 312
Delta R.T. 0.00 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 58 Resp: 18648

Ion	Ratio	Lower	Upper
58	100		
43	419.1	360.9	541.3

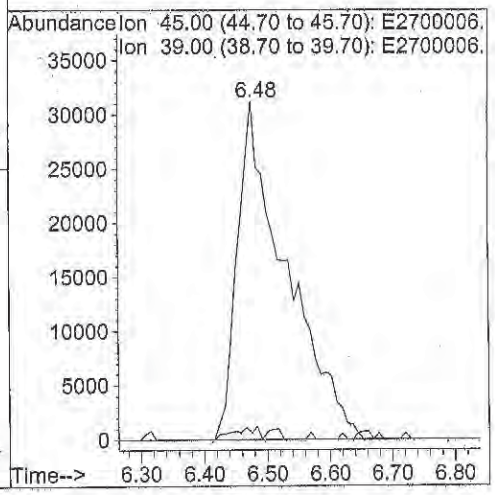


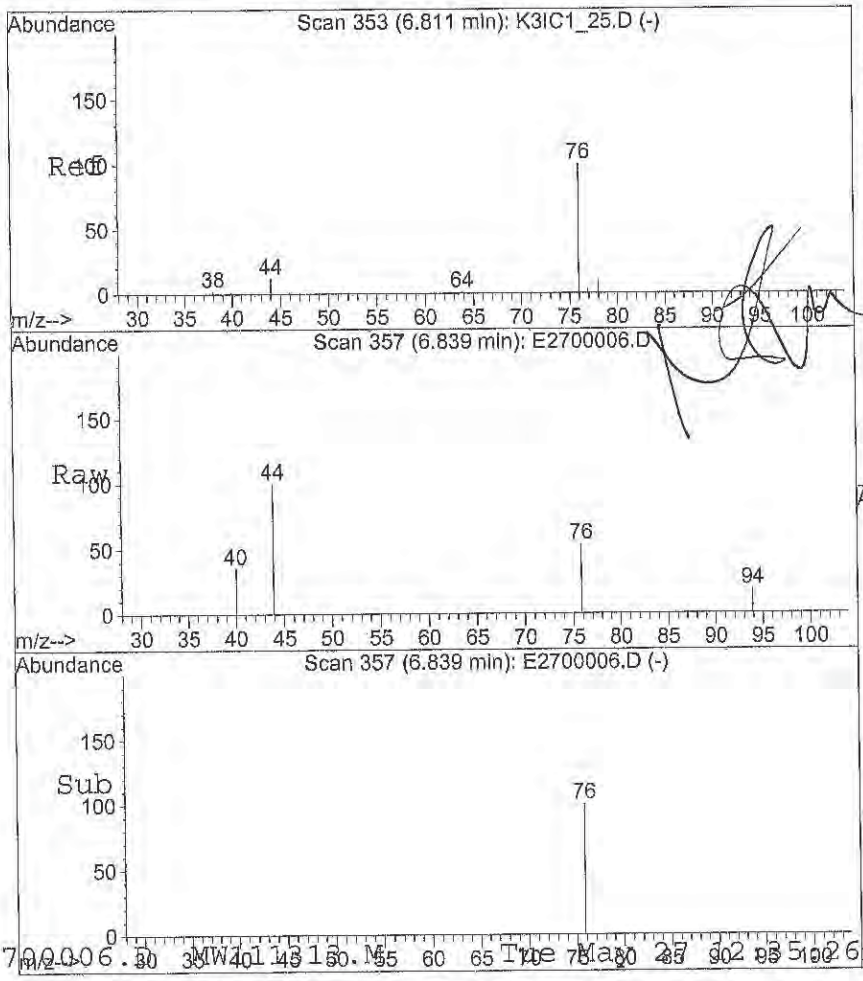


#12
(IPA) Leak Check Compound
Concen: 819.81 ug/L
RT: 6.48 min Scan# 314
Delta R.T. -0.07 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 45 Resp: 167240

Ion	Ratio	Lower	Upper
45	100		
39	1.9	4.9	7.3#

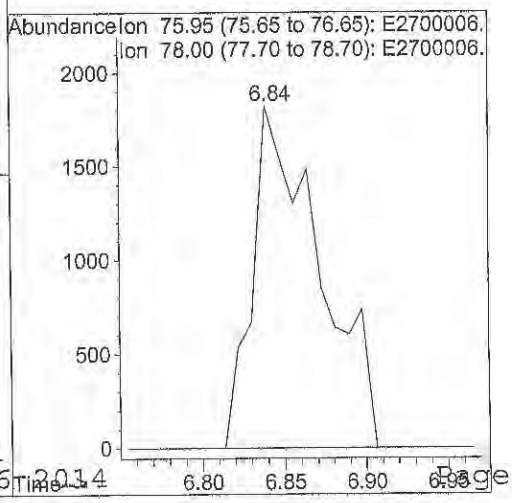


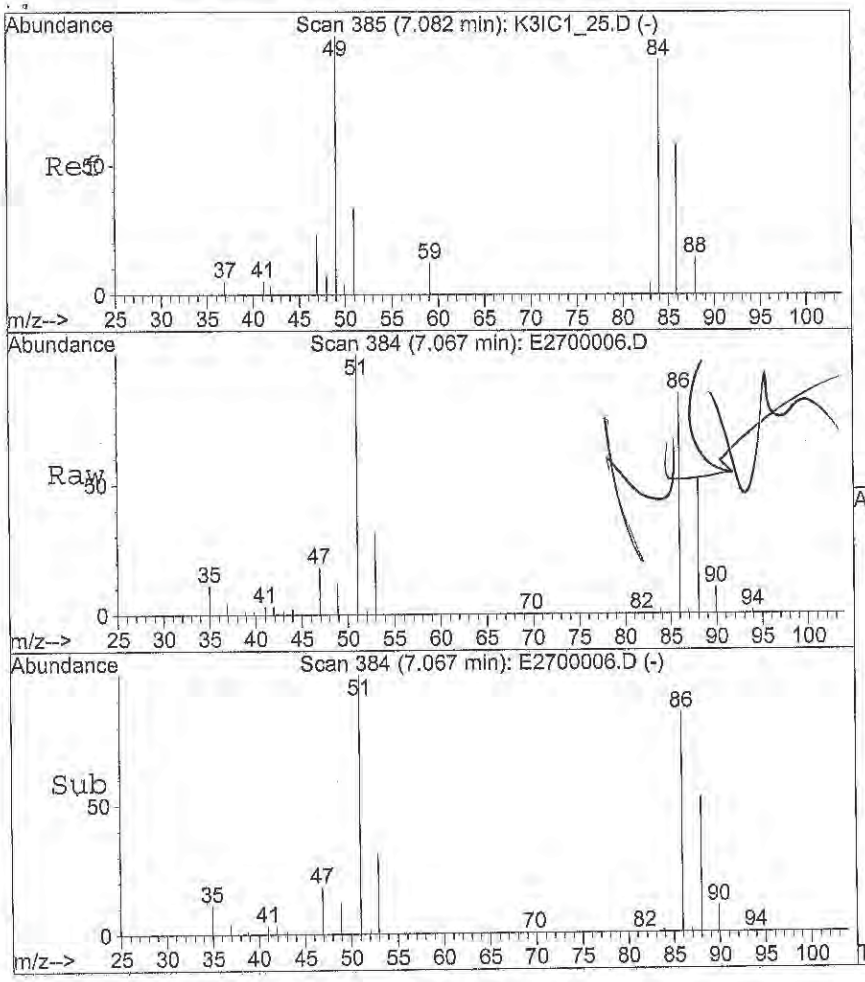


#13
Carbon disulfide
Concen: 0.37 ug/L
RT: 6.84 min Scan# 357
Delta R.T. 0.03 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 76 Resp: 5168

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

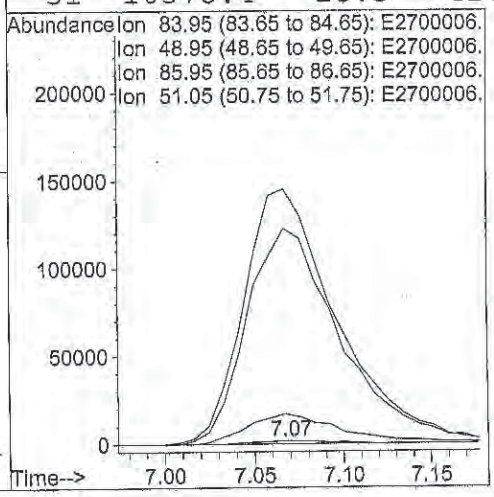


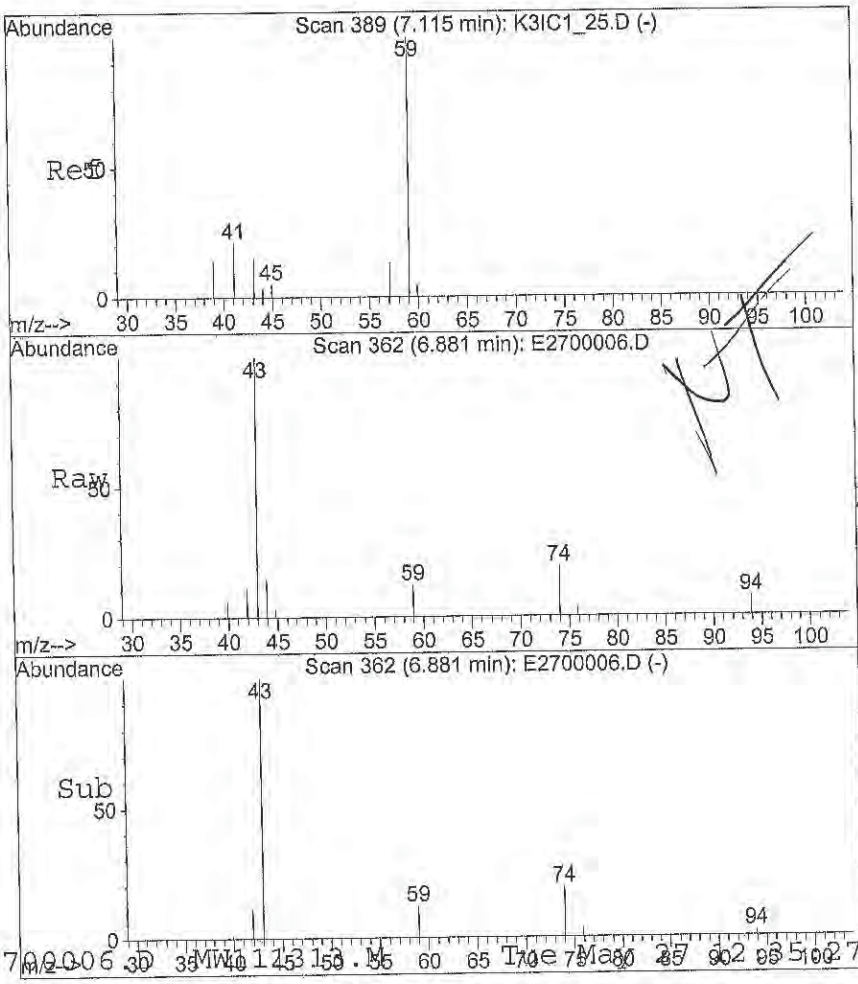


#14
Methylene Chloride
Concen: 1.10 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 84 Resp: 5115

Ion	Ratio	Lower	Upper
84	100		
49	1200.1	89.8	134.6#
86	8797.8	51.1	76.7#
51	10378.4	28.5	42.7#

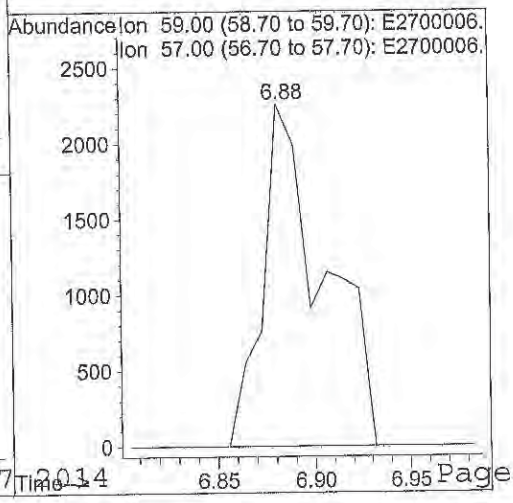


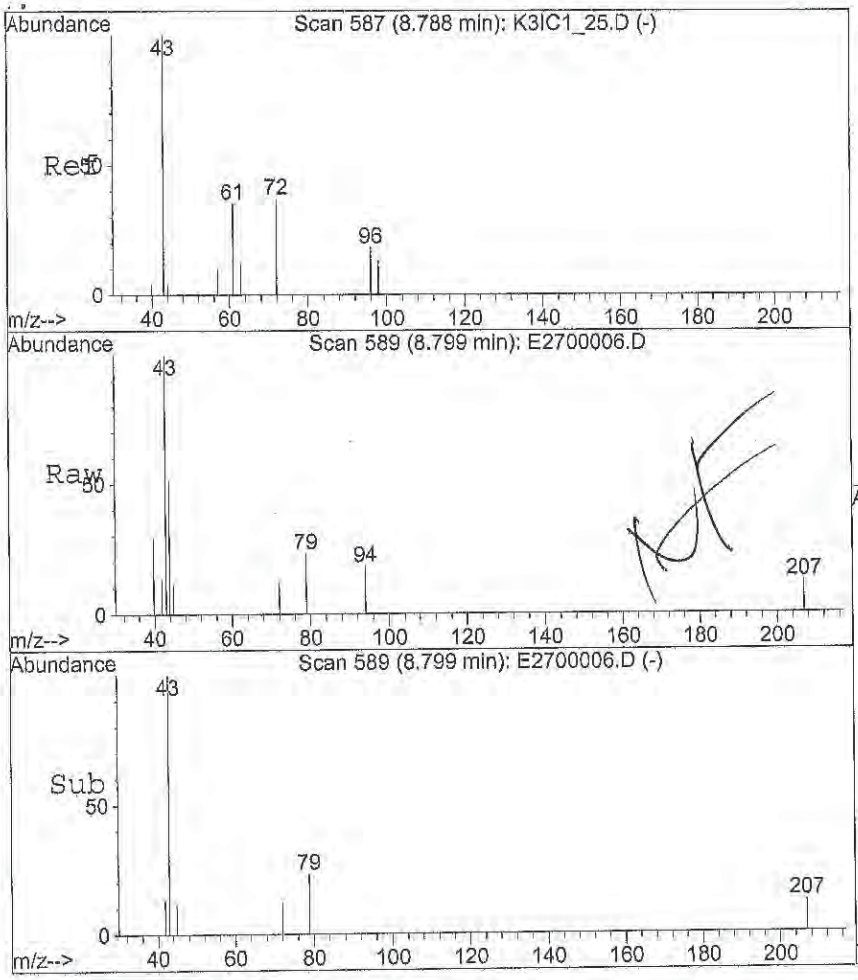


#15
(TBA) tert-Butanol
Concen: 17.05 ug/L
RT: 6.88 min Scan# 362
Delta R.T. -0.23 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 59 Resp: 4938

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

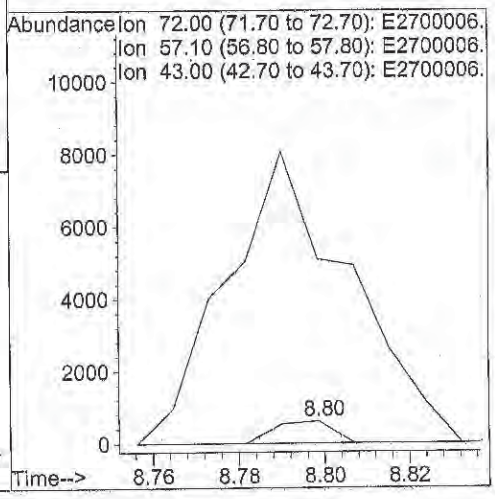


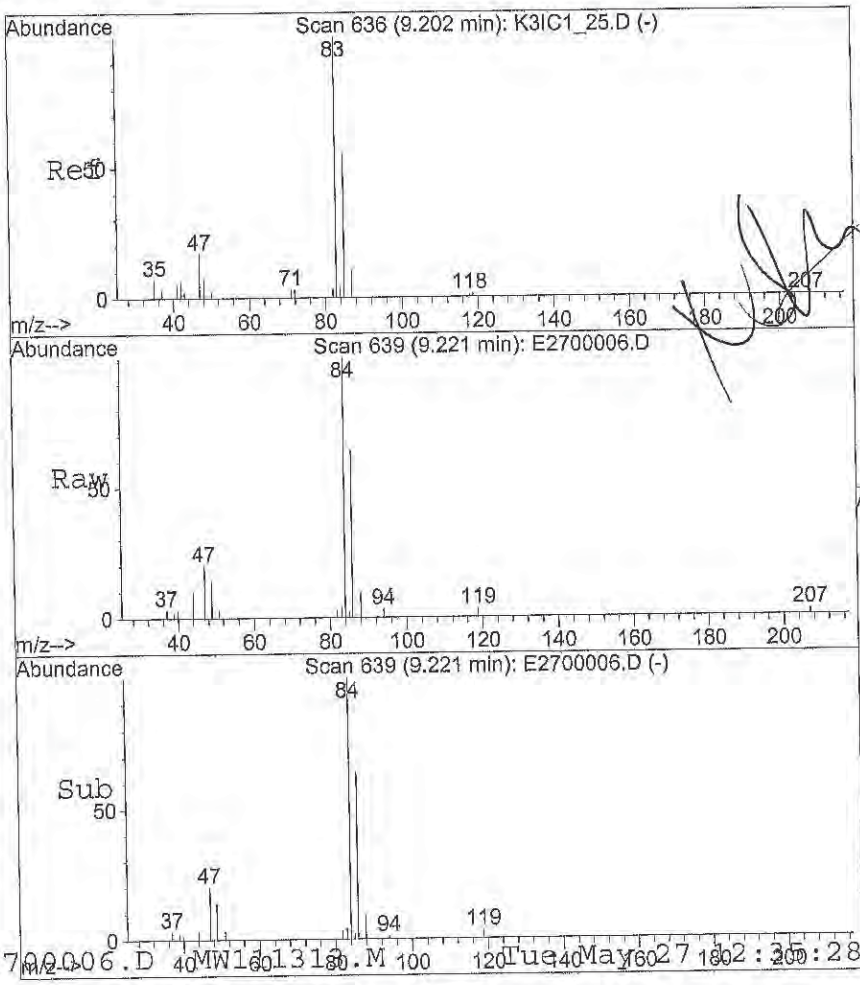


#21
(MEK) 2-Butanone
Concen: 1.21 ug/L
RT: 8.80 min Scan# 589
Delta R.T. 0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 72 Resp: 578

Ion	Ratio	Lower	Upper
72	100		
57	0.0	17.5	26.3#
43	2841.0	314.2	471.2#

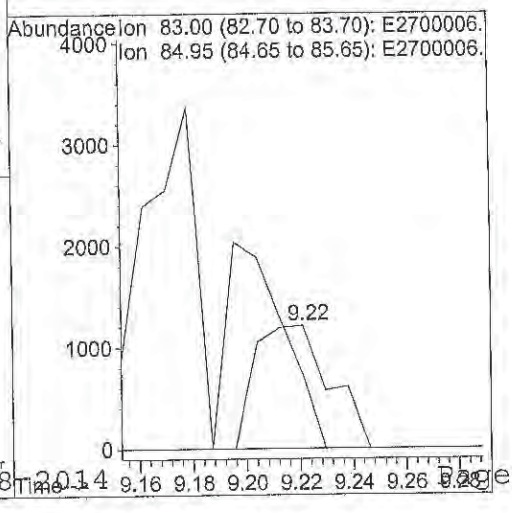


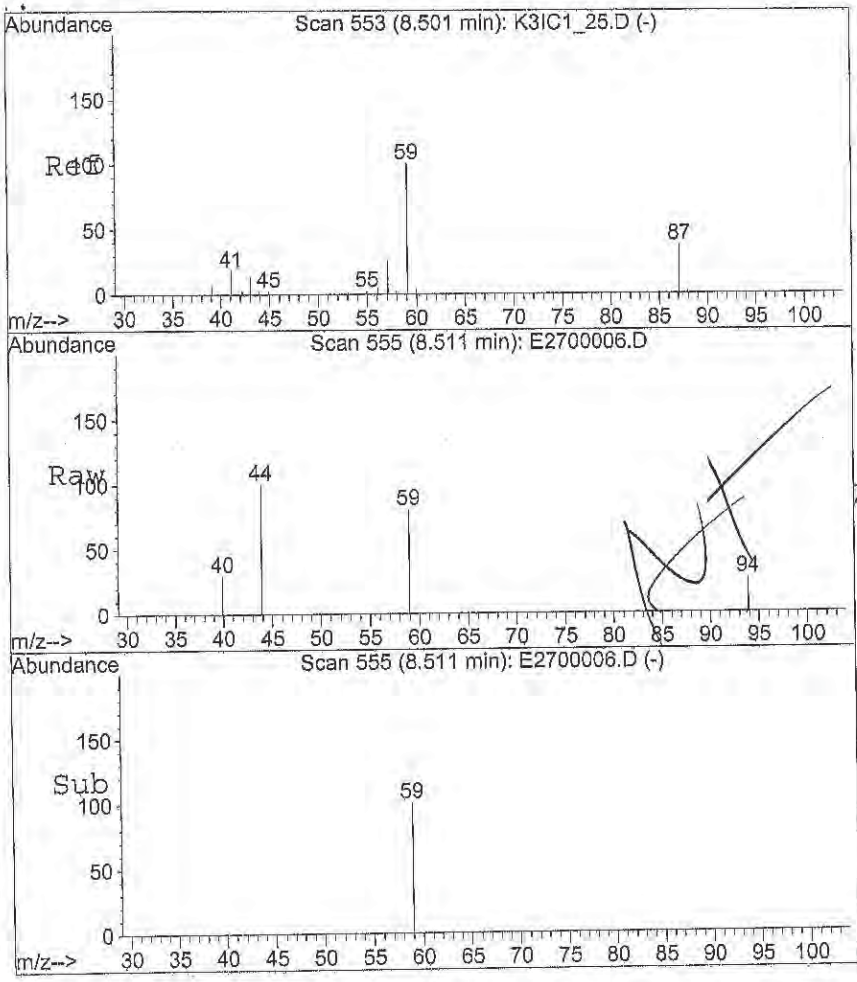


#24
Chloroform
Concen: 0.26 ug/L
RT: 9.22 min Scan# 639
Delta R.T. 0.02 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 83 Resp: 2352

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

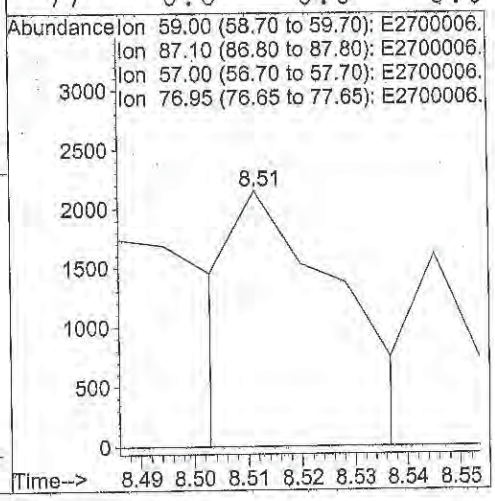


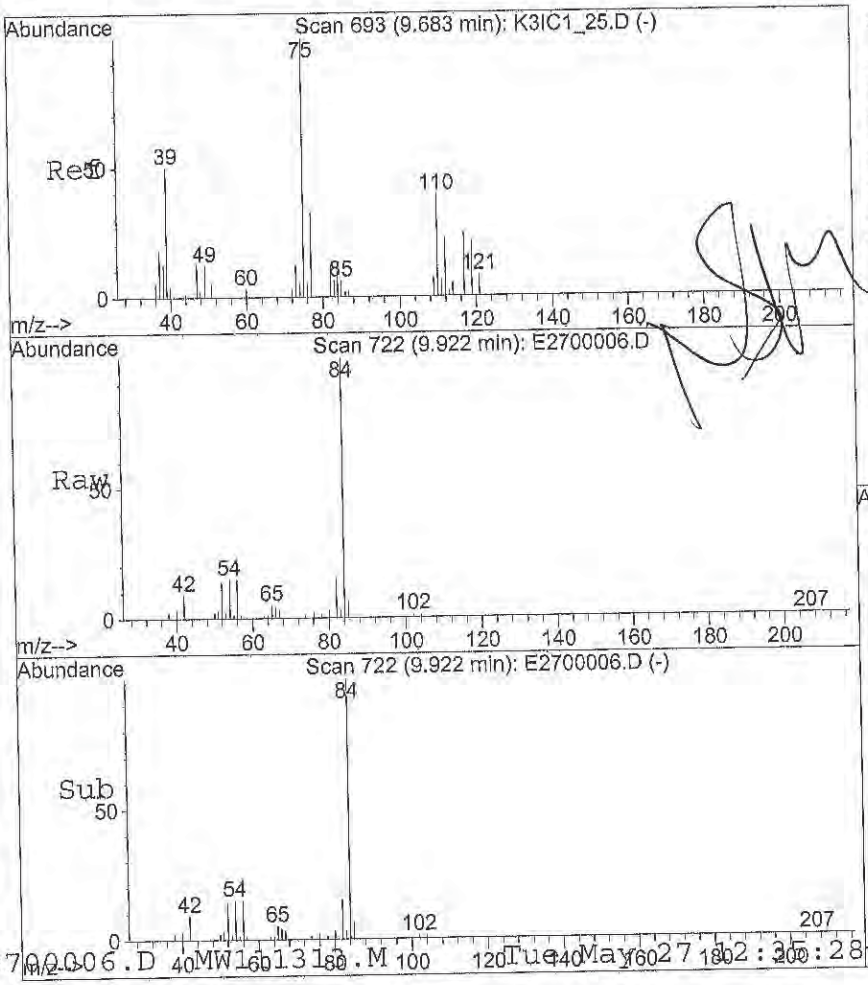


#25
(ETBE) 2-ethoxy 2-methyl propar
Concen: 0.24 ug/L
RT: 8.51 min Scan# 555
Delta R.T. 0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 59 Resp: 2935

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

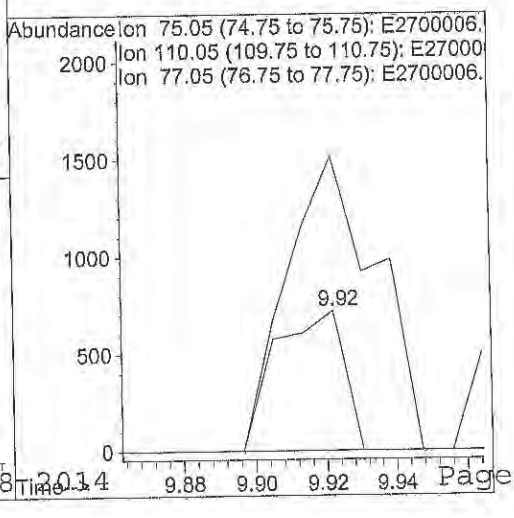


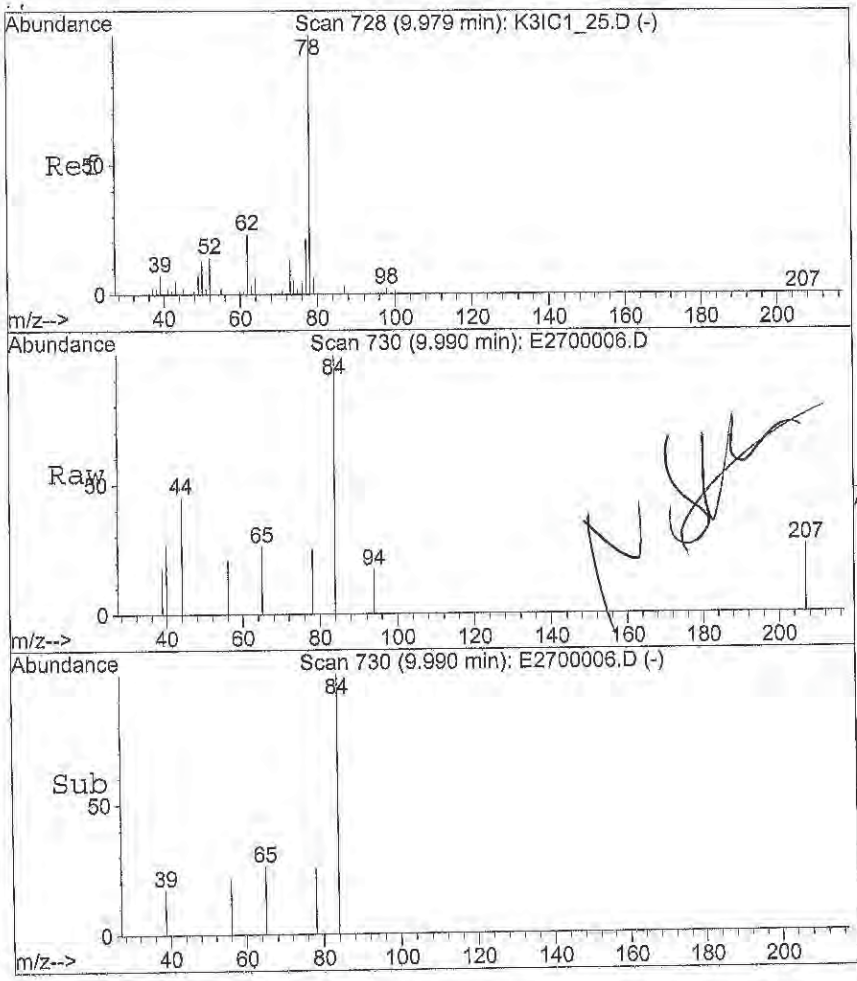


#29
1,1-Dichloropropene
Concen: 0.15 ug/L
RT: 9.92 min Scan# 722
Delta R.T. 0.24 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 75 Resp: 965

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	275.6	25.0	37.4#

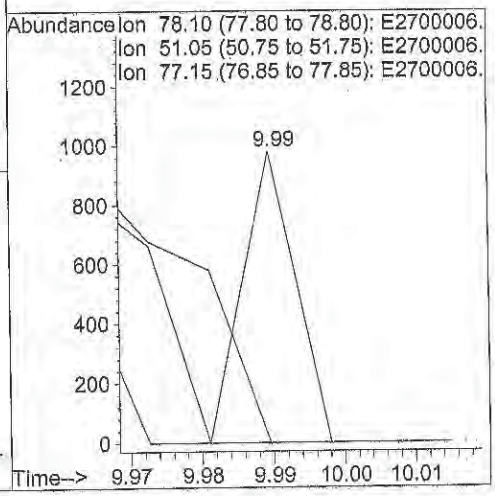


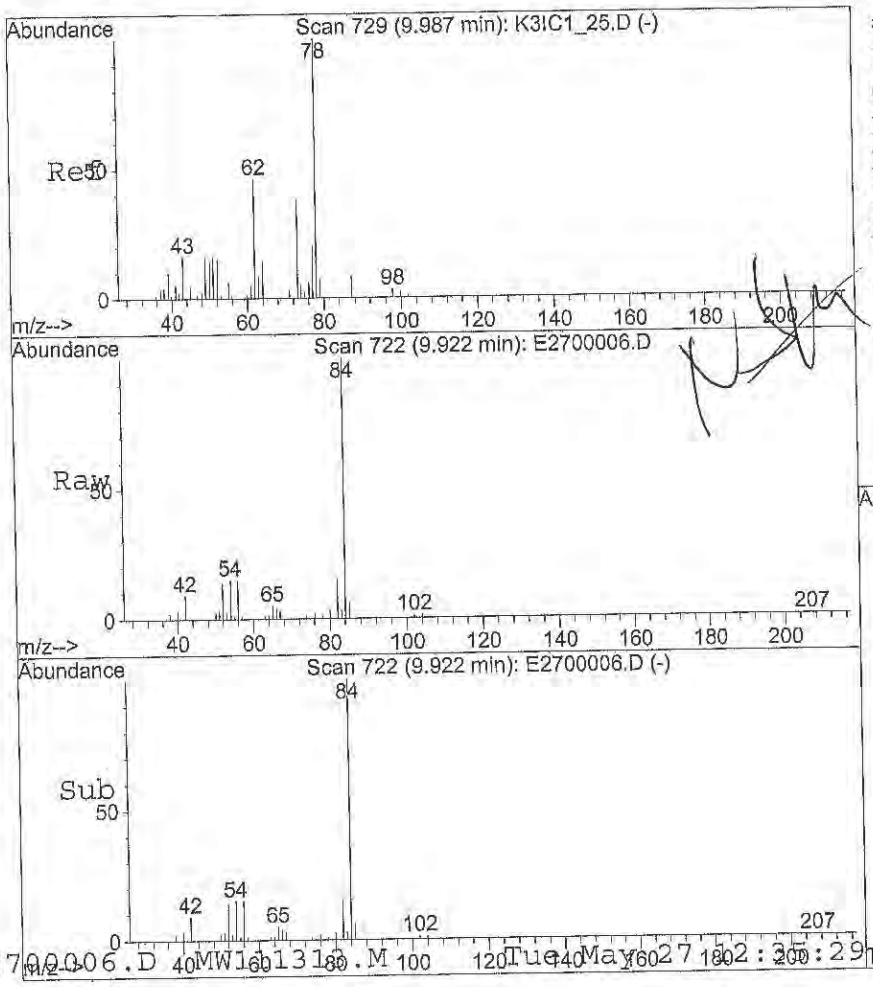


#31
Benzene
Concen: 0.03 ug/L
RT: 9.99 min Scan# 730
Delta R.T. 0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 78 Resp: 497

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	0.0	16.6	24.8#

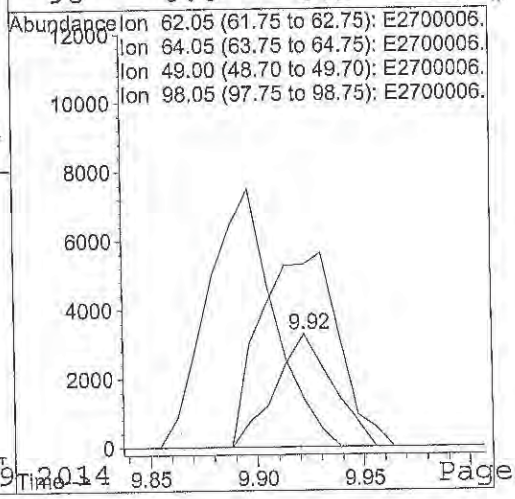


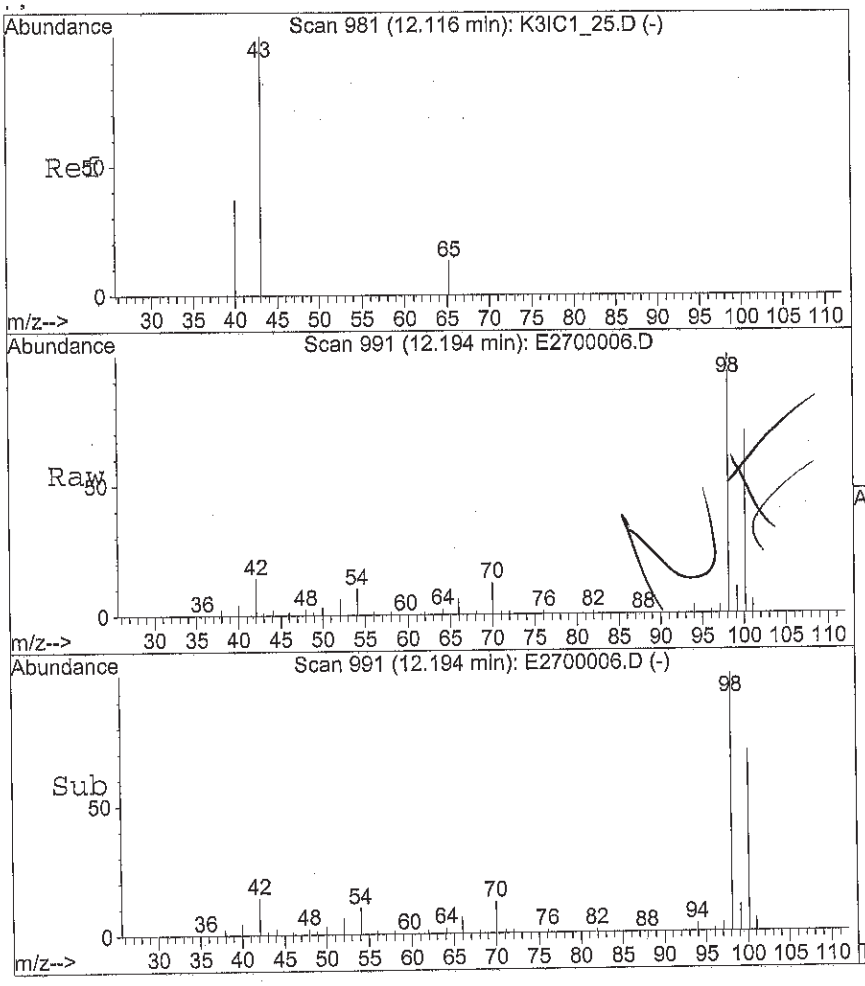


#32
1,2-Dichloroethane
Concen: 1.09 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.07 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 62 Resp: 6166

Ion	Ratio	Lower	Upper
62	100		
64	231.0	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

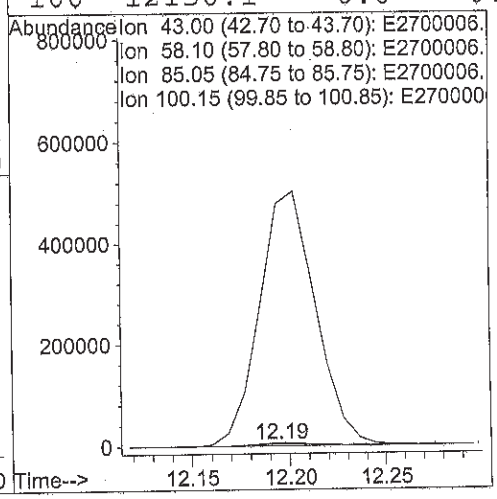


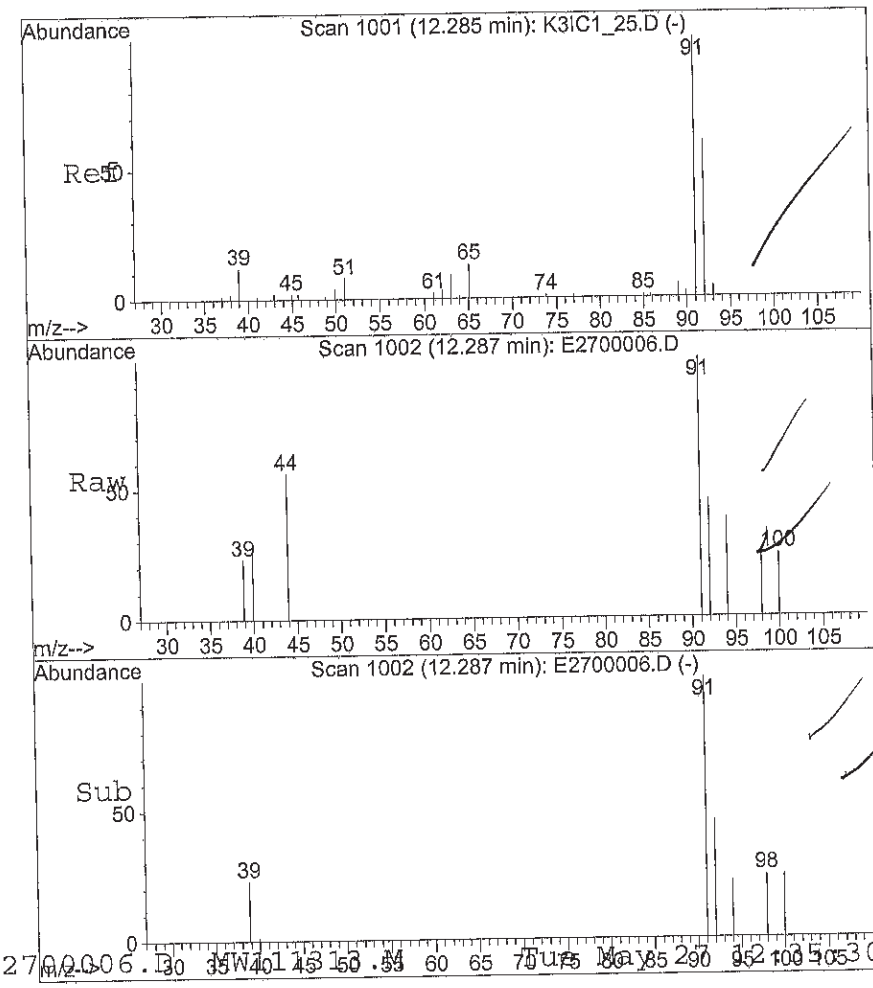


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 3.24 ug/L
RT: 12.19 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 43 Resp: 8241

Ion	Ratio	Lower	Upper
43	100		
58	137.4	0.0	0.0#
85	0.0	0.0	0.0
100	12150.1	0.0	0.0#

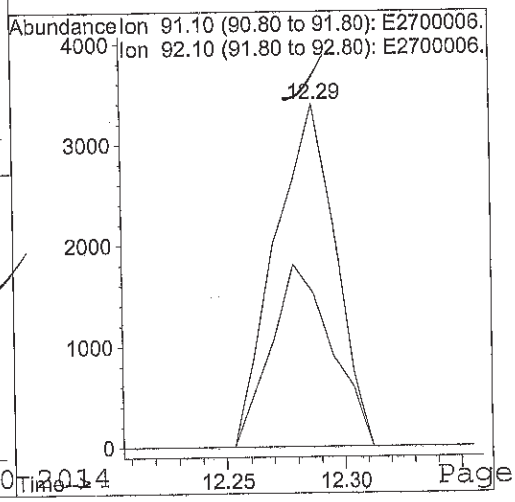


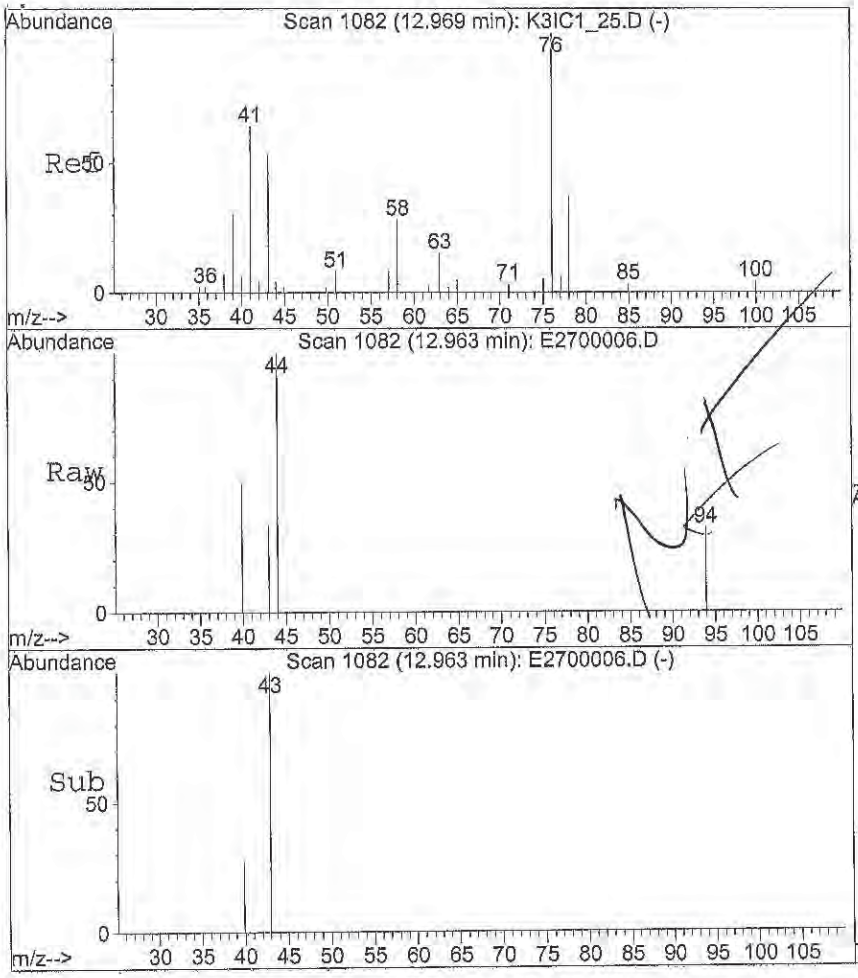


#41
Toluene
Concen: 0.35 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 91 Resp: 6030

Ion	Ratio	Lower	Upper
91	100		
92	53.6	47.4	71.0

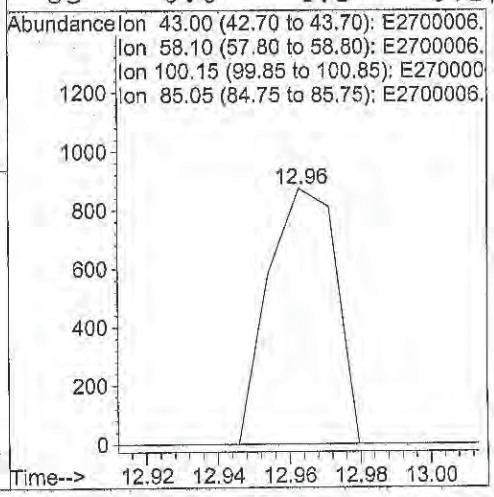


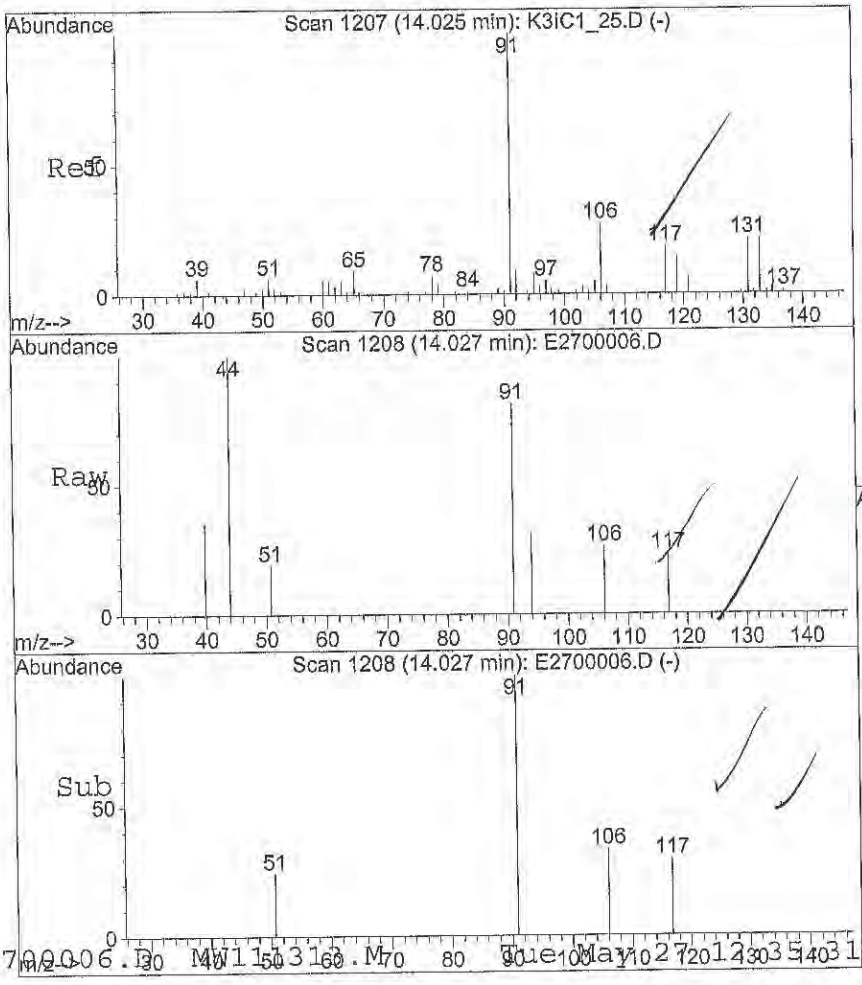


#46
2-Hexanone
Concen: 0.41 ug/L
RT: 12.96 min Scan# 1082
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 43 Resp: 1149

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

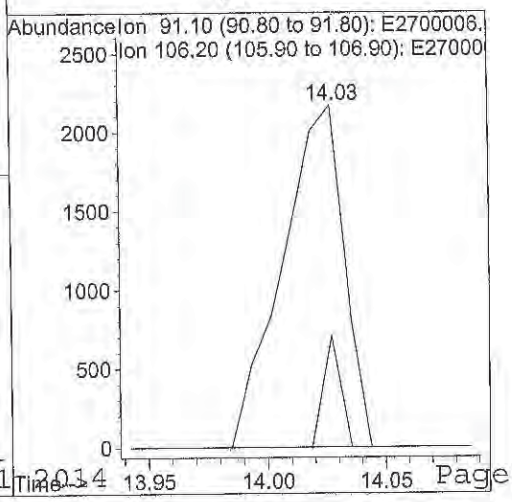


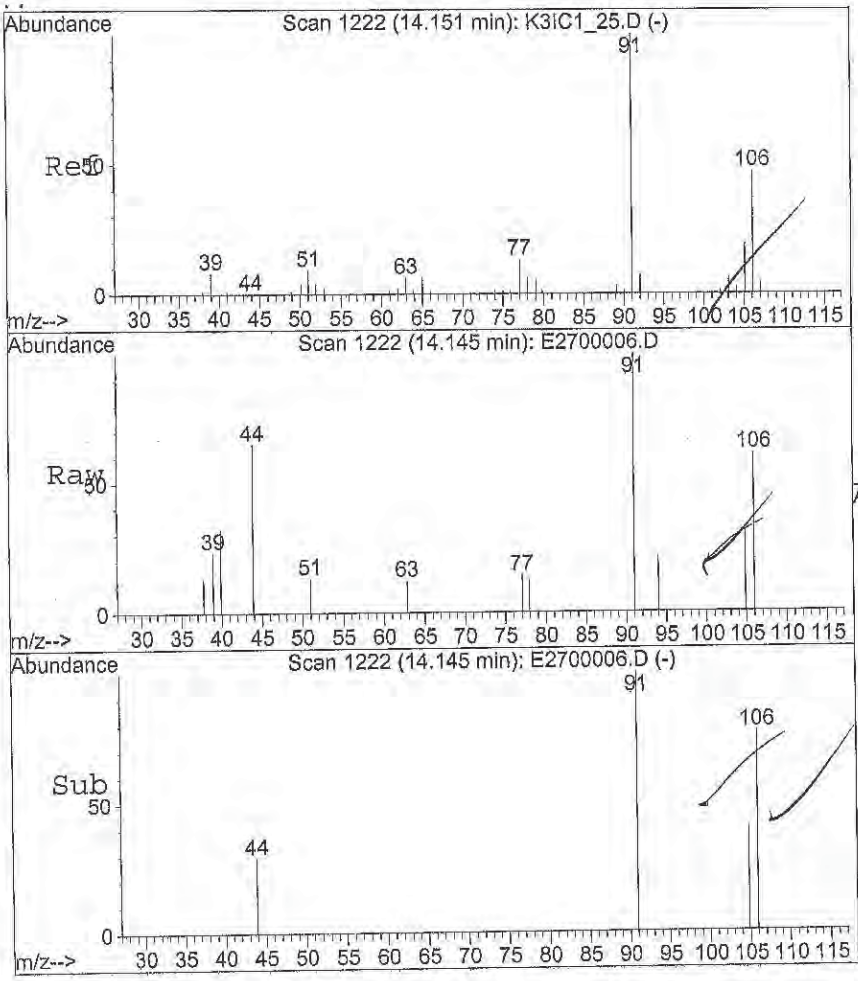


#51
Ethylbenzene
Concen: 0.20 ug/L
RT: 14.03 min Scan# 1208
Delta R.T. 0.00 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 91 Resp: 3922

Ion	Ratio	Lower	Upper
91	100		
106	9.1	23.5	35.3#

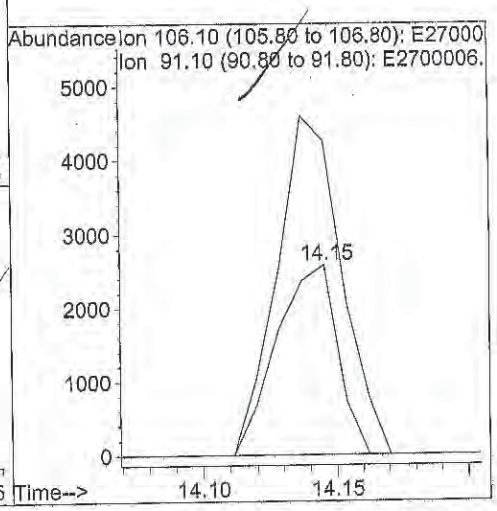


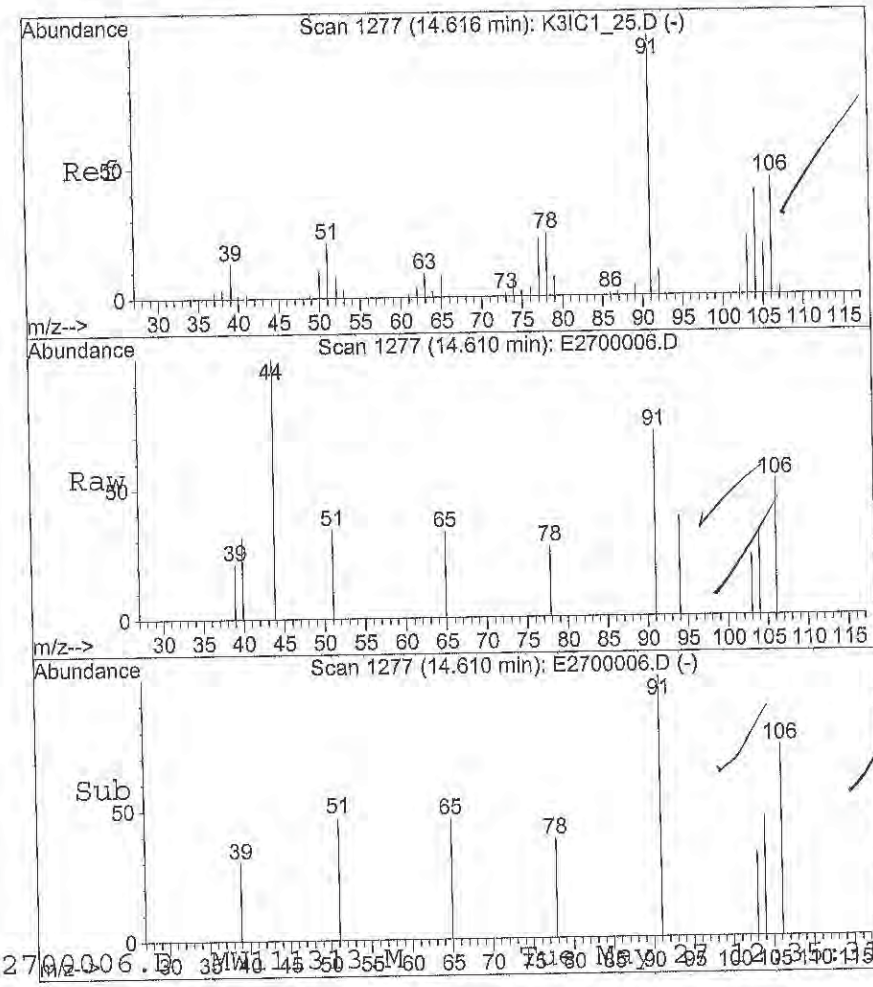


#52
m,p-Xylenes
Concen: 0.58 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:106 Resp: 4083

Ion	Ratio	Lower	Upper
106	100		
91	189.4	177.1	265.7

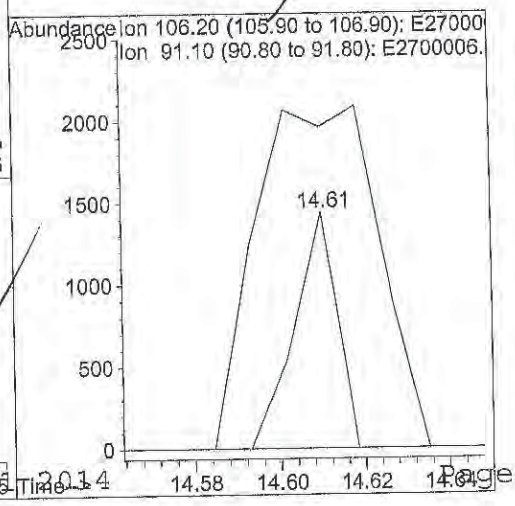


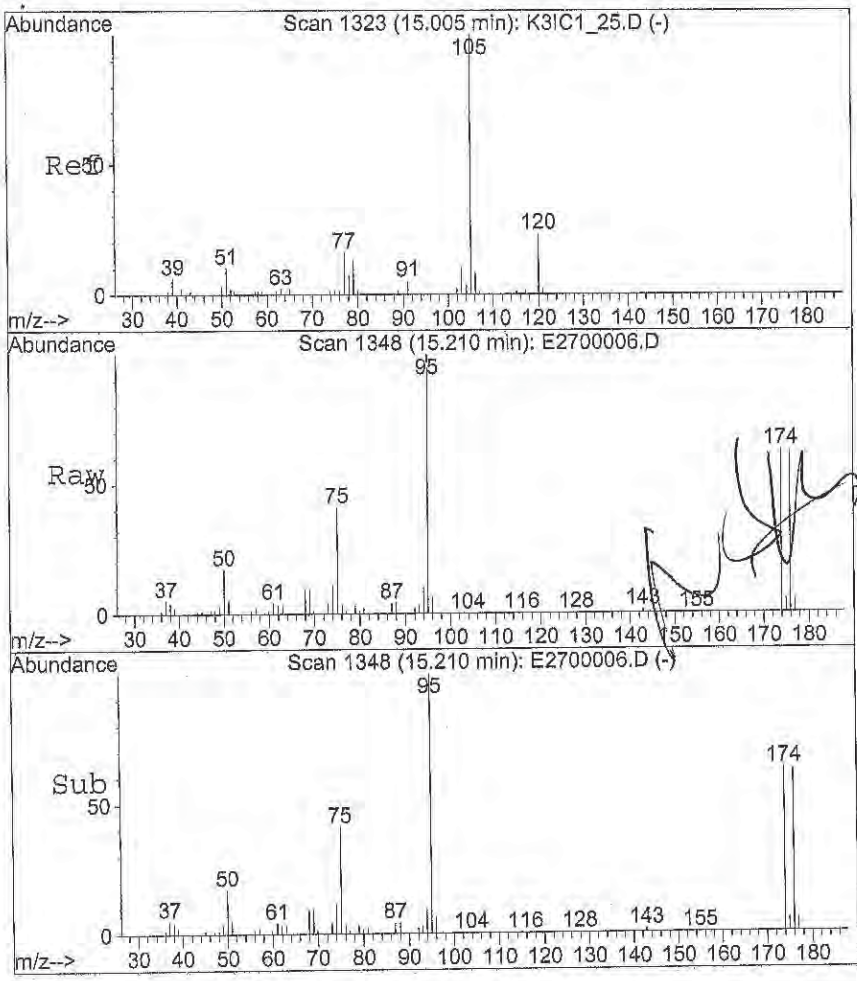


#53
o-Xylene
Concen: 0.14 ug/L
RT: 14.61 min Scan# 1277
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:106 Resp: 1001

Ion	Ratio	Lower	Upper
106	100		
91	417.8	179.0	268.6#

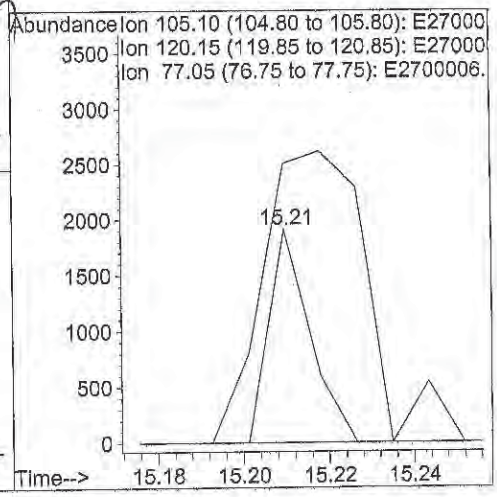


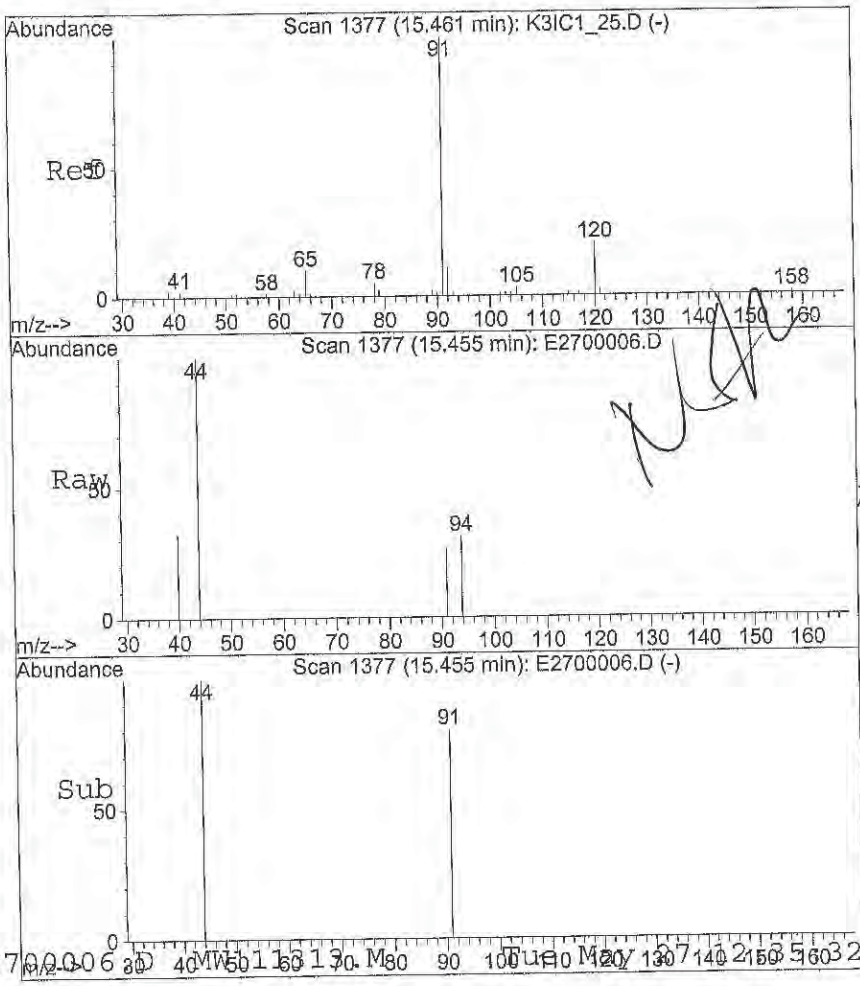


#56
Isopropylbenzene
Concen: 0.07 ug/L
RT: 15.21 min Scan# 1348
Delta R.T. 0.21 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:105 Resp: 1266

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	349.6	13.1	19.7#

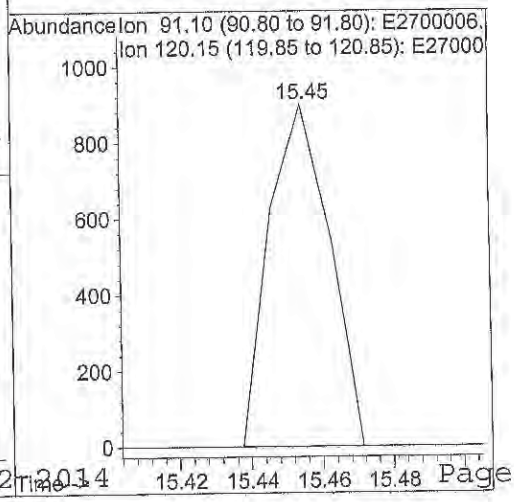


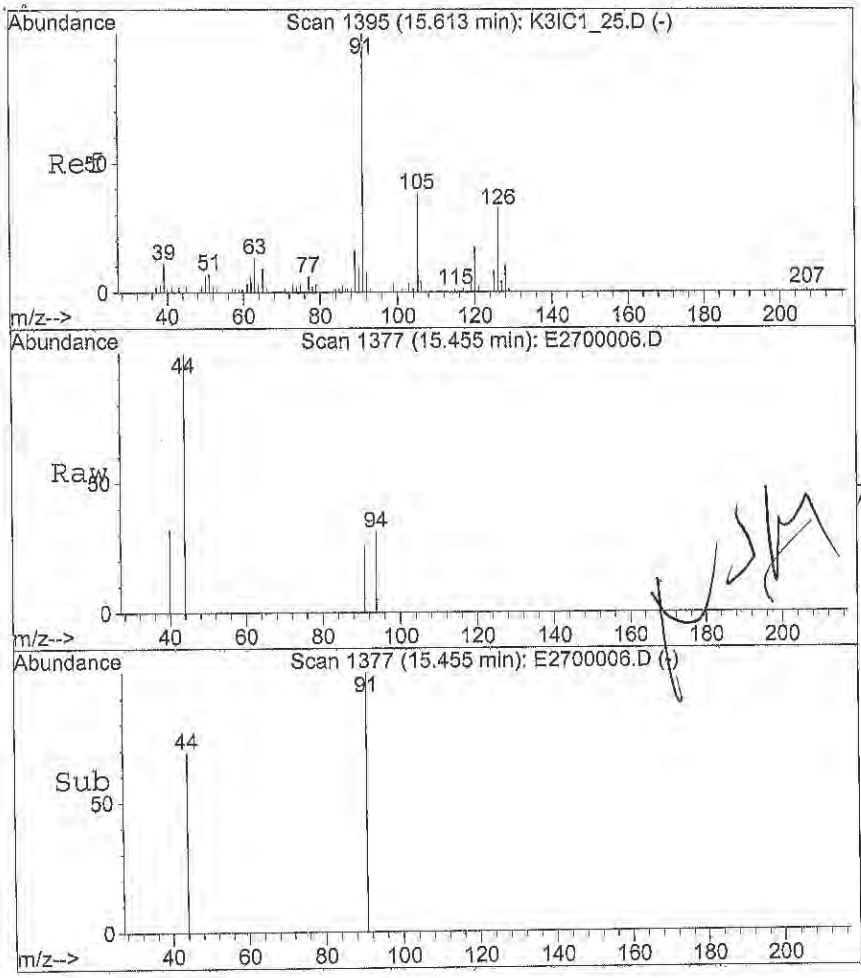


#62
n-Propylbenzene
Concen: 0.04 ug/L
RT: 15.45 min Scan# 1377
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 91 Resp: 1050

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

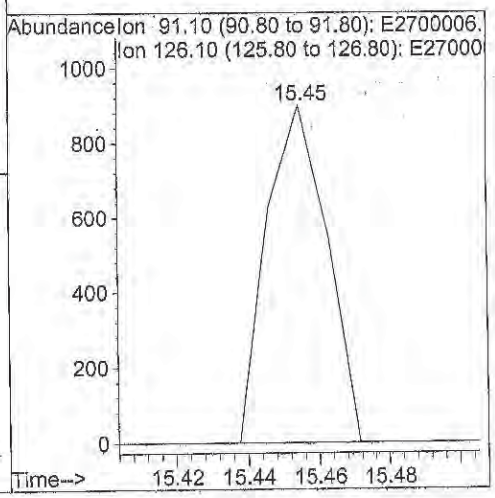


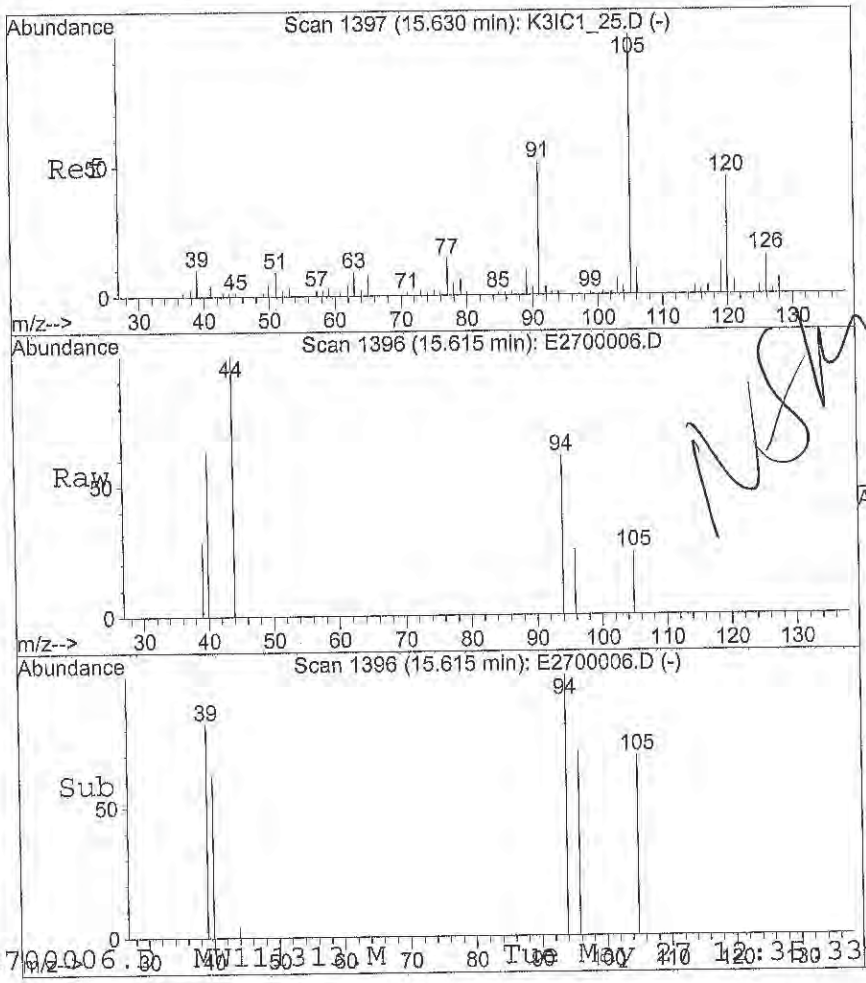


#63
2-Chlorotoluene
Concen: 0.06 ug/L
RT: 15.45 min Scan# 1377
Delta R.T. -0.16 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion: 91 Resp: 1050

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

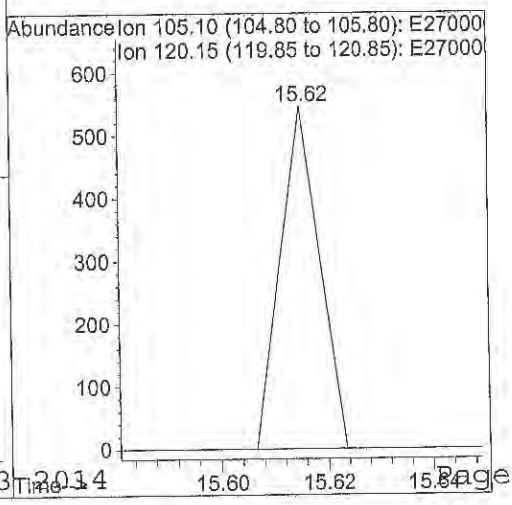


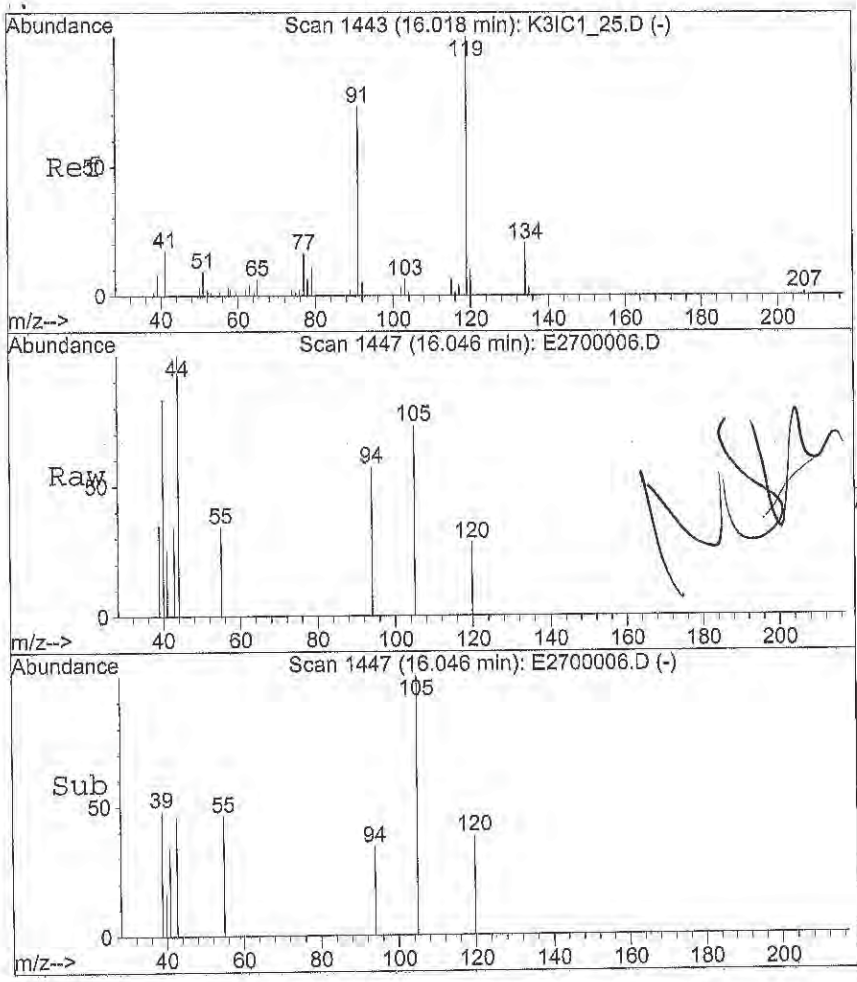


#64
1,3,5-Trimethylbenzene
Concen: 0.02 ug/L
RT: 15.62 min Scan# 1396
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:105 Resp: 277

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

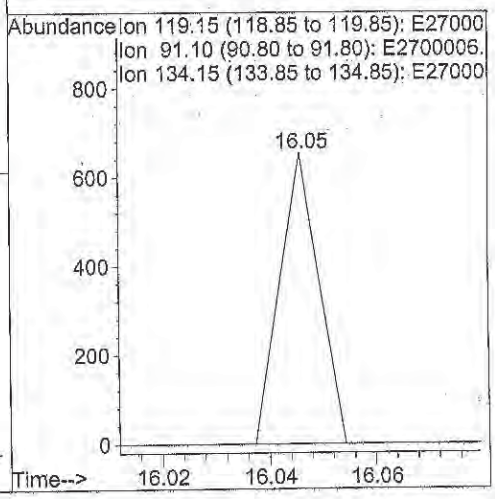


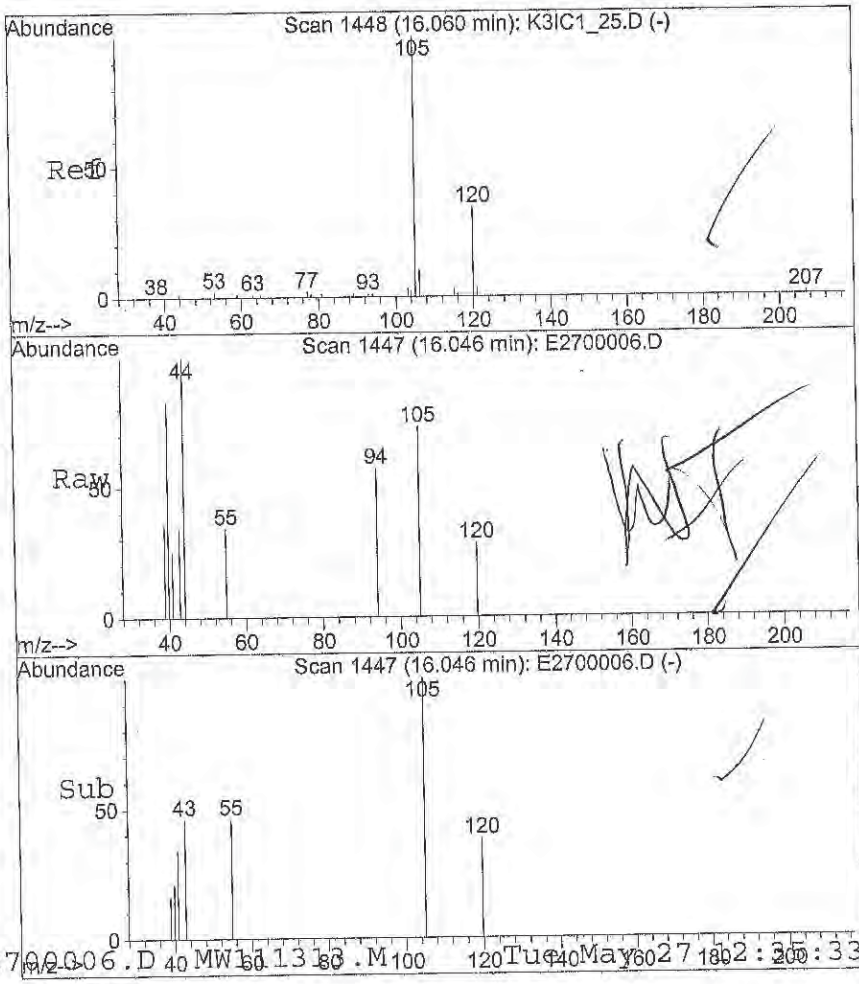


#66
tert-Butylbenzene
Concen: 0.02 ug/L
RT: 16.05 min Scan# 1447
Delta R.T. 0.03 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:119 Resp: 331

Ion	Ratio	Lower	Upper
119	100		
91	0.0	56.3	84.5#
134	0.0	16.1	24.1#

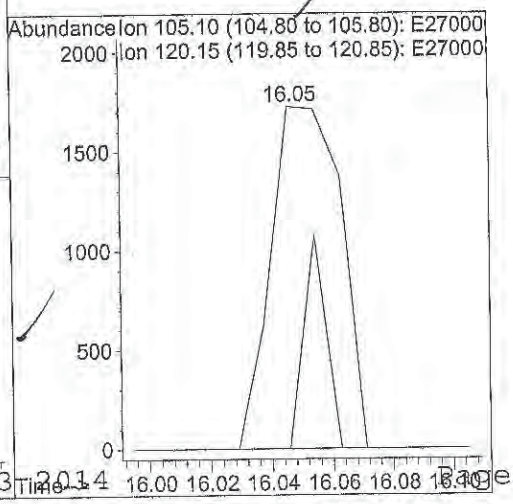


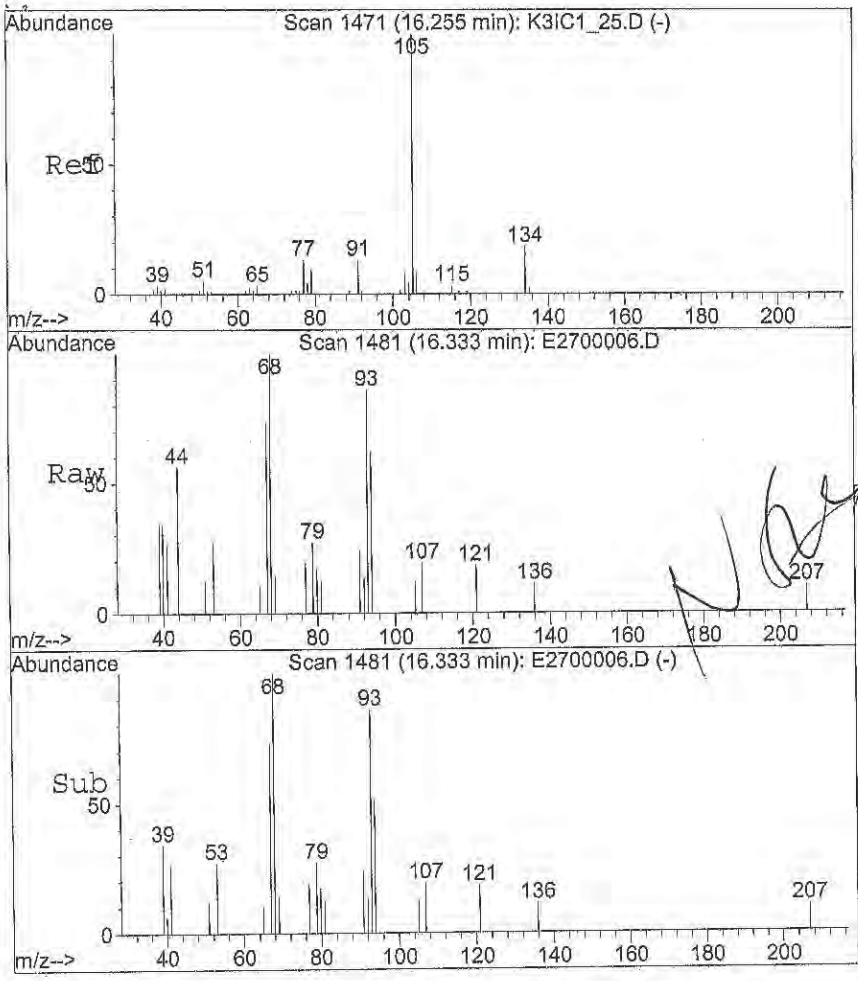


#67
1,2,4-Trimethylbenzene
Concen: 0.15 ug/L
RT: 16.05 min Scan# 1447
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:105 Resp: 2752

Ion	Ratio	Lower	Upper
105	100		
120	19.8	33.8	50.8#

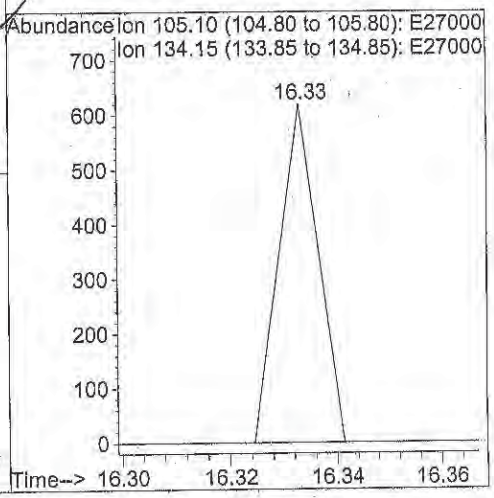


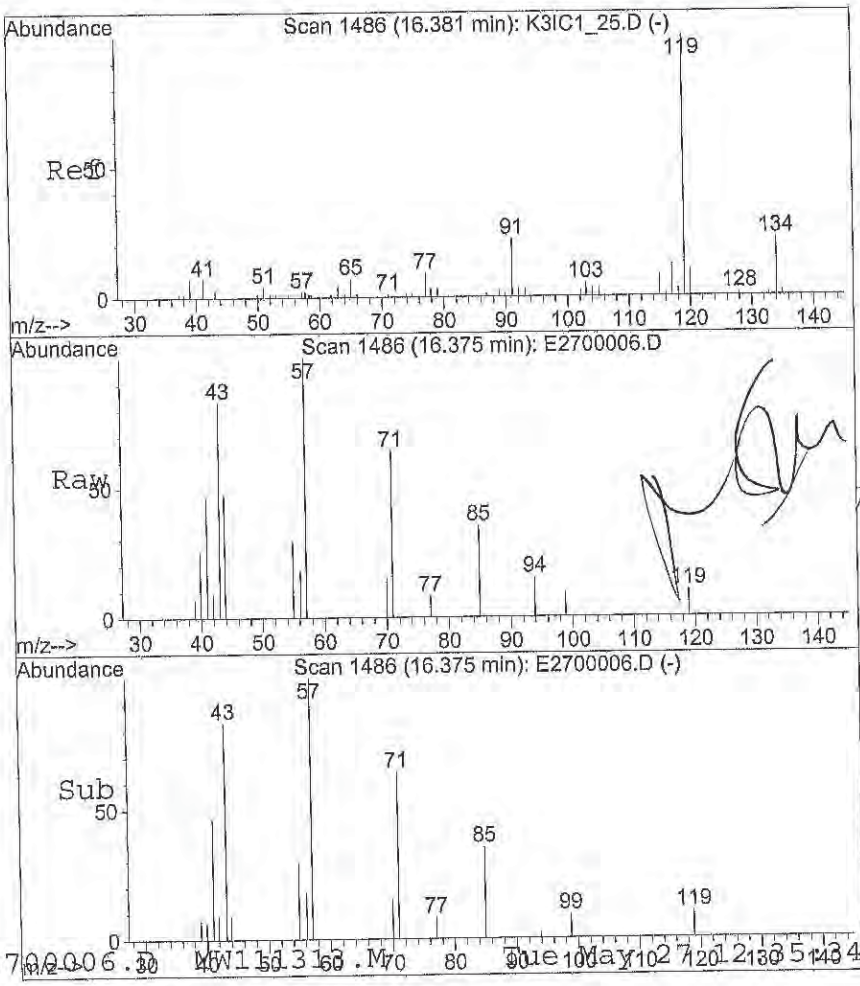


#68
sec-Butylbenzene
Concen: 0.01 ug/L
RT: 16.33 min Scan# 1481
Delta R.T. 0.08 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:105 Resp: 314

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

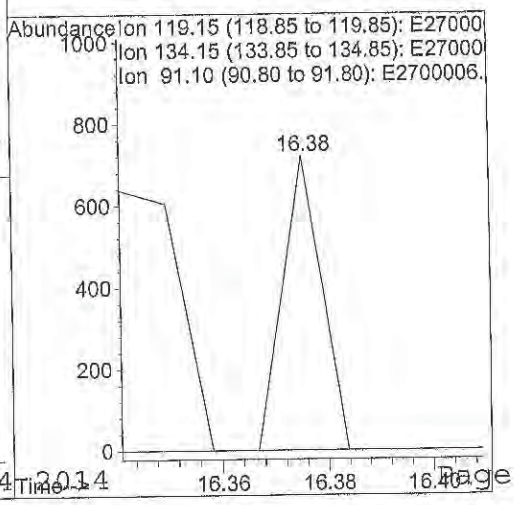


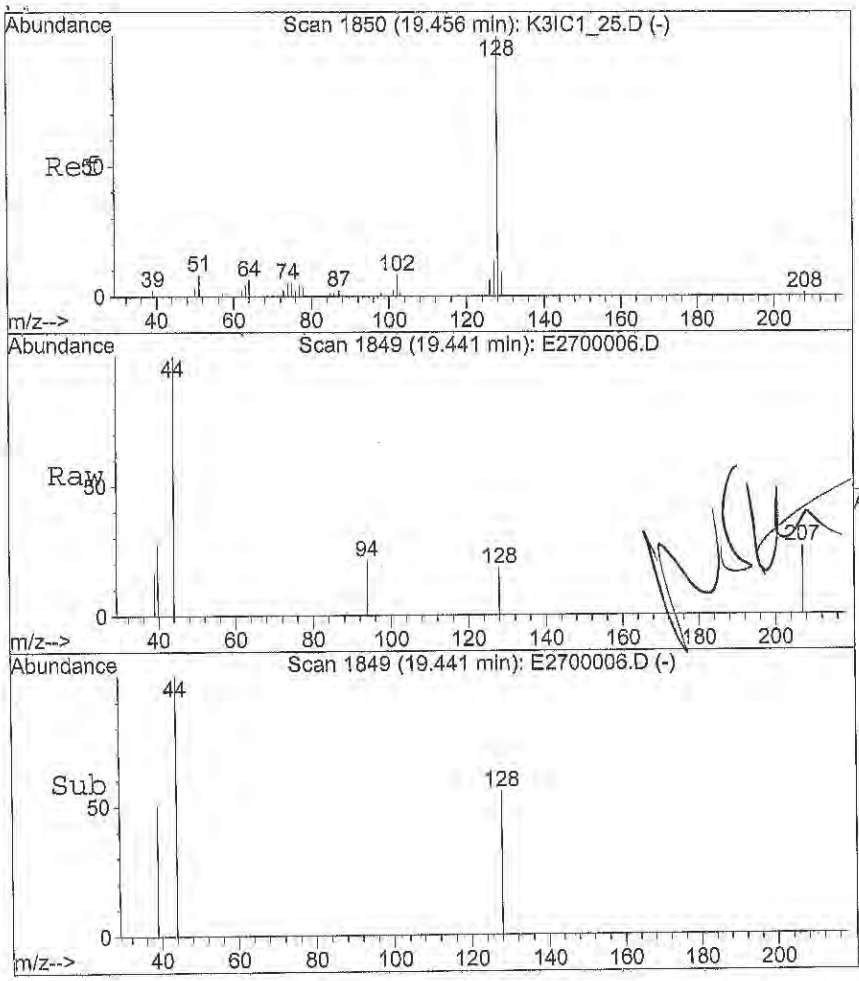


#69
p-Isopropyltoluene
Concen: 0.02 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:119 Resp: 365

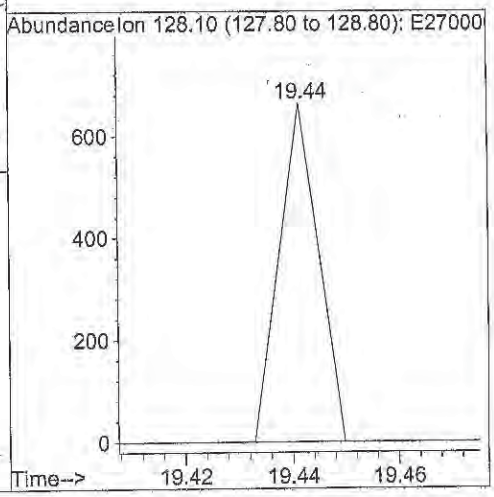
Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#





#77
Naphthalene
Concen: 0.02 ug/L
RT: 19.44 min Scan# 1849
Delta R.T. -0.01 min
Lab File: E2700006.D
Acq: 27 May 2014 12:03 pm

Tgt Ion:128 Resp: 337



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700006.D Vial: 5
Acq On : 27 May 2014 12:03 pm Operator: DN
Sample : 3E42701-05 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-18.0-19.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 12:34 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1697668	12.50	ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.91	117	1271700	12.50	ug/L	-0.02
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	687505	12.50	ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	477777	10.82	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 86.56%			
3) Chloroform-d (SU6)	9.18	84	774734	12.23	ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 97.84%			
4) Methylene Chloride-d2 (SU5	7.07	86	449679	12.14	ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 97.12%			
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	480401	15.92	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 127.36%#			
6) Benzene-d6 (SU7)	9.92	84	1508415	11.32	ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 90.56%			
8) Toluene-d8 (SU3)	12.20	98	1488174	12.33	ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 98.64%			
9) 4-Bromofluorobenzene (SU4)	15.22	95	713802	14.33	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 114.64%			

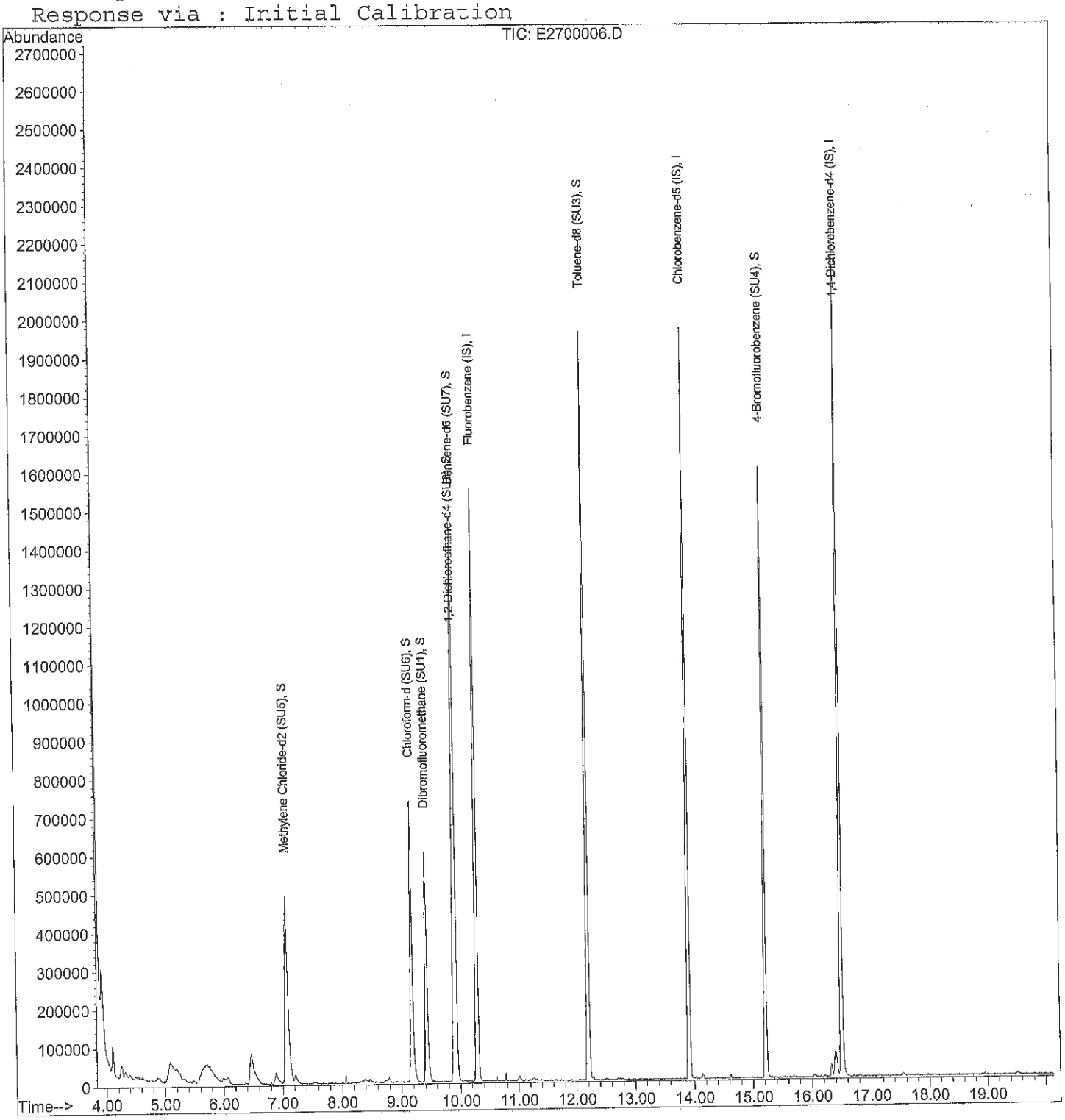
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700006.D Vial: 5
Acq On : 27 May 2014 12:03 pm Operator: DN
Sample : 3E42701-05 Inst : GC/MS Ins
Misc : 100cc SVL-502-SA5D-SV-18.0-19.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 12:34 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700007.D
Acq On : 27 May 2014 12:33 pm
Sample : 3E42701-06
Misc : 100cc SVL-513-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 27 12:54 19114

Vial: 6
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1848407	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1360103	12.50 ug/L	-0.01
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	711592	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	504526	10.94 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 87.52%					
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	477785	10.90 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 87.20%					
39) Toluene-d8 (SU3)	12.20	98	1603606	12.64 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 101.12%					
58) 4-Bromofluorobenzene (SU4)	15.22	95	738691	13.28 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 106.24%					

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.11	85	341	0.08 ~~ug/L #~~	44
4) Chloromethane	4.39	50	4839	0.34 ~~ug/L #~~	52
6) Bromomethane	5.09	96	10632	3.45 ~~ug/L~~	98
7) Chloroethane	5.29	64	1363	1.57 ~~ug/L~~	95
11) Acetone	6.45	58	16223	19.93 ~~ug/L~~	81
12) (IPA) Leak Check Compound	6.47	45	164073	738.69 ~~ug/L #~~	87
13) Carbon disulfide	6.85	76	5807	0.38 ~~ug/L #~~	76
14) Methylene Chloride	7.06	84	5708	1.12 ~~ug/L #~~	1
15) (TBA) tert-Butanol	6.89	59	4140	13.13 ~~ug/L #~~	77
19) cis-1,2-Dichloroethene	9.04	96	257	0.04 ~~ug/L #~~	3
21) (MEK) 2-Butanone	8.81	72	371	0.71 ~~ug/L #~~	1
24) Chloroform	9.21	83	2172	0.22 ~~ug/L #~~	18
25) (ETBE) 2-ethoxy 2-methyl p	8.33	59	1027	0.08 ~~ug/L #~~	44
31) Benzene	9.92	78	9124	0.52 ~~ug/L #~~	77
32) 1,2-Dichloroethane	9.93	62	6455	1.05 ~~ug/L #~~	1
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	6862	2.53 ~~ug/L #~~	100
41) Toluene	12.28	91	15225	0.82 ug/L 0.0168	95 0.0164
46) 2-Hexanone	12.96	43	769	0.26 ~~ug/L #~~	37
51) Ethylbenzene	14.02	91	7558	0.36 ug/L #0.0073	73
52) m,p-Xylenes	14.14	106	8652	1.15 ug/L 0.023	85
53) o-Xylene	14.61	106	4334	0.59 ug/L 0.0118	90
54) Styrene	14.62	104	2683	-0.62 ~~ug/L #~~	76

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700007.D
Acq On : 27 May 2014 12:33 pm
Sample : 3E42701-06
Misc : 100cc SVL-513-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 27 12:54 19114

Vial: 6
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

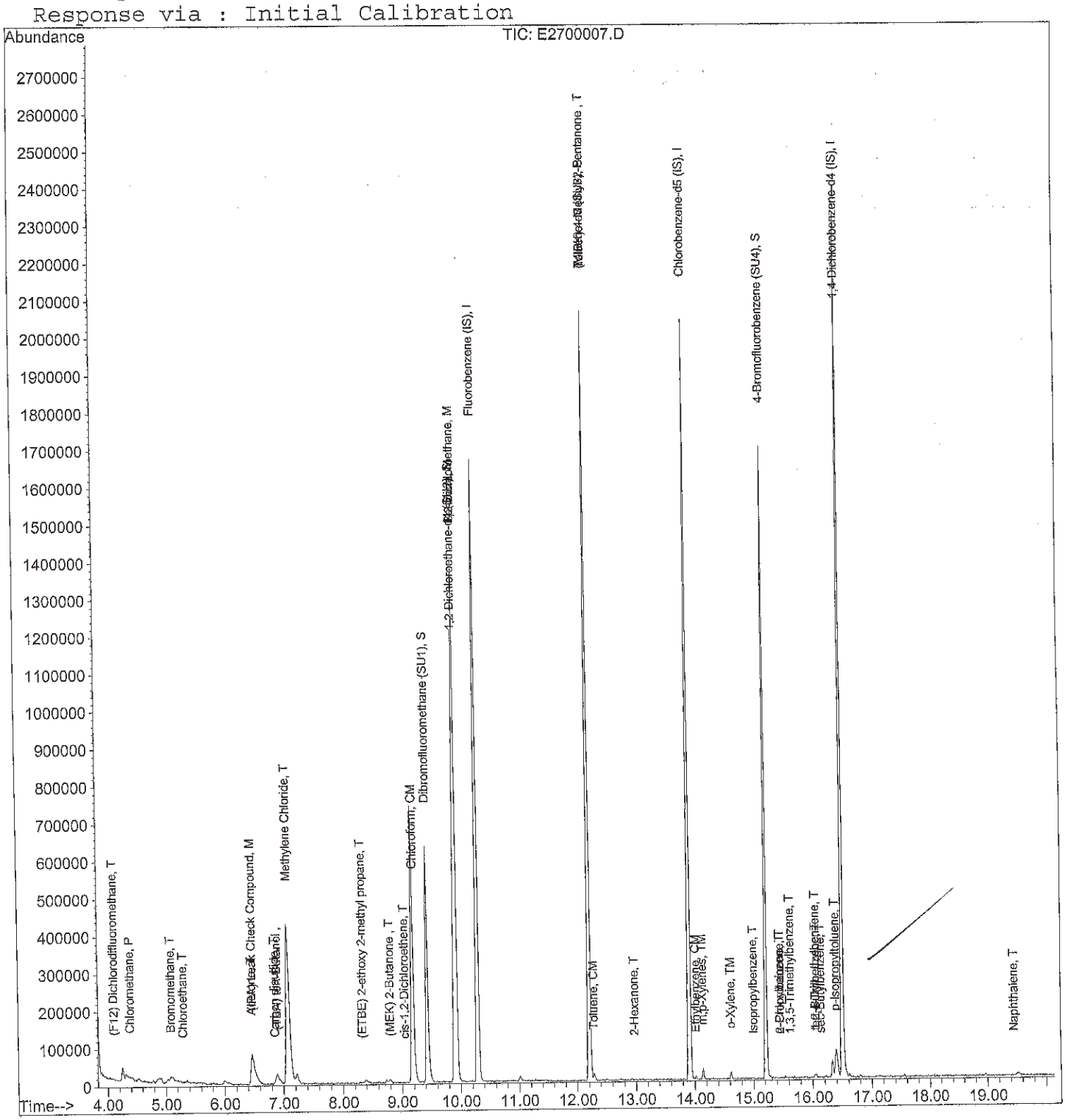
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
56) Isopropylbenzene	14.99	105	259	0.01 ~~ug/L~~ #	55
62) n-Propylbenzene	15.46	91	1476	0.05 ~~ug/L~~ #	56
63) 2-Chlorotoluene	15.46	91	1476	0.08 ~~ug/L~~ #	45
64) 1,3,5-Trimethylbenzene	15.62	105	289	0.02 ~~ug/L~~ #	31
66) tert-Butylbenzene	16.06	119	584	0.04 ~~ug/L~~ #	71
67) 1,2,4-Trimethylbenzene	16.06	105	3490	0.19 ug/L # 0.038	88
68) sec-Butylbenzene	16.14	105	594	0.02 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	917	0.05 ~~ug/L~~ #	52
77) Naphthalene	19.44	128	262	0.02 ~~ug/L~~	100

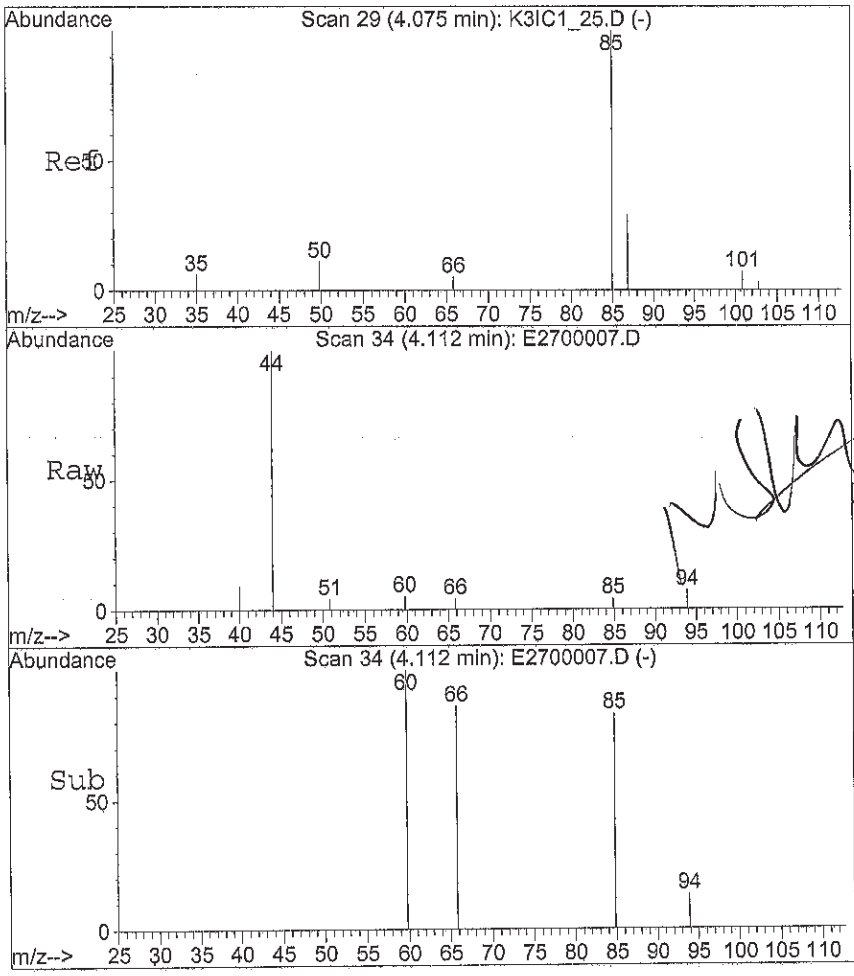
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700007.D Vial: 6
Acq On : 27 May 2014 12:33 pm Operator: DN
Sample : 3E42701-06 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 12:54 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

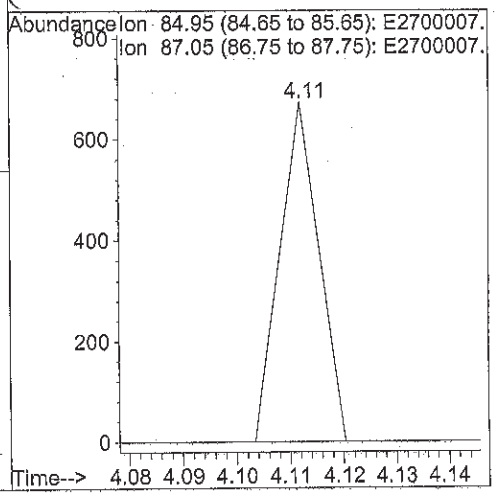


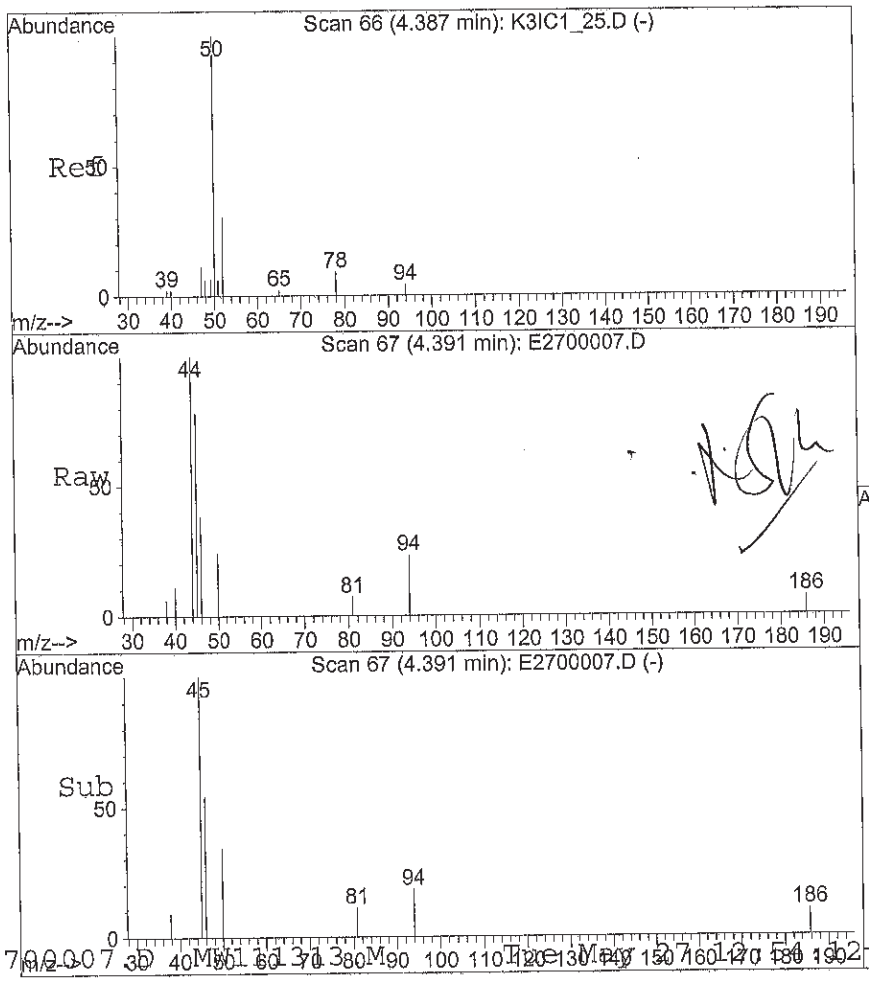


#3
(F12) Dichlorodifluoromethane
Concen: 0.08 ug/L
RT: 4.11 min Scan# 34
Delta R.T. 0.04 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 85 Resp: 341

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.6	37.0#

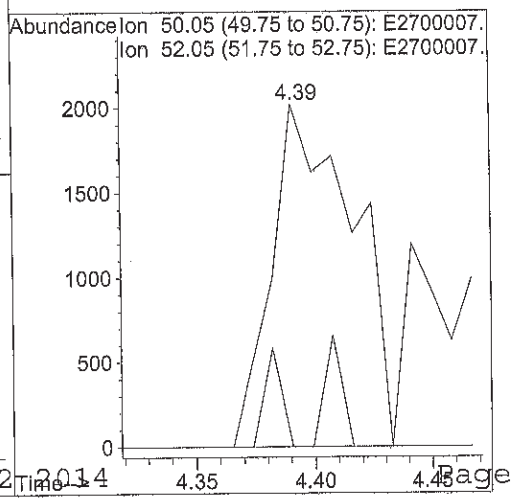


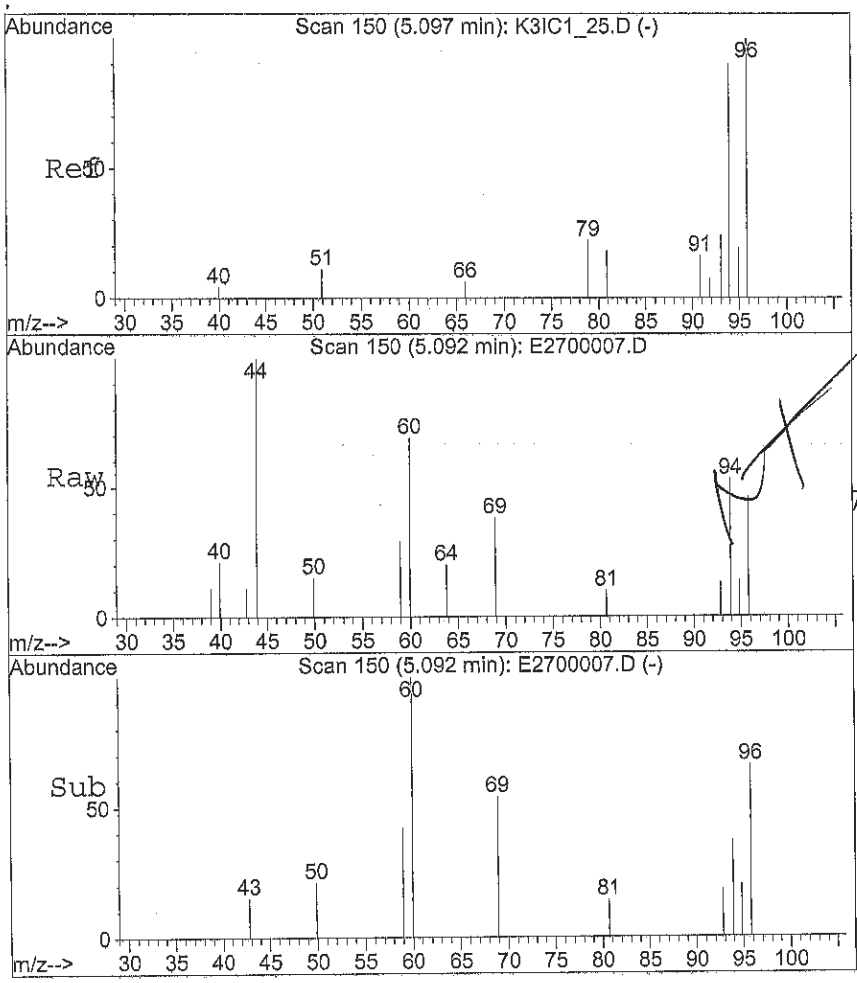


#4
Chloromethane
Concen: 0.34 ug/L
RT: 4.39 min Scan# 67
Delta R.T. 0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 50 Resp: 4839

Ion	Ratio	Lower	Upper
50	100		
52	6.1	26.9	40.3#

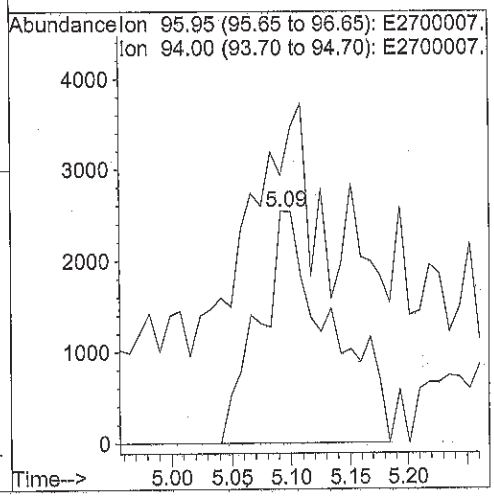


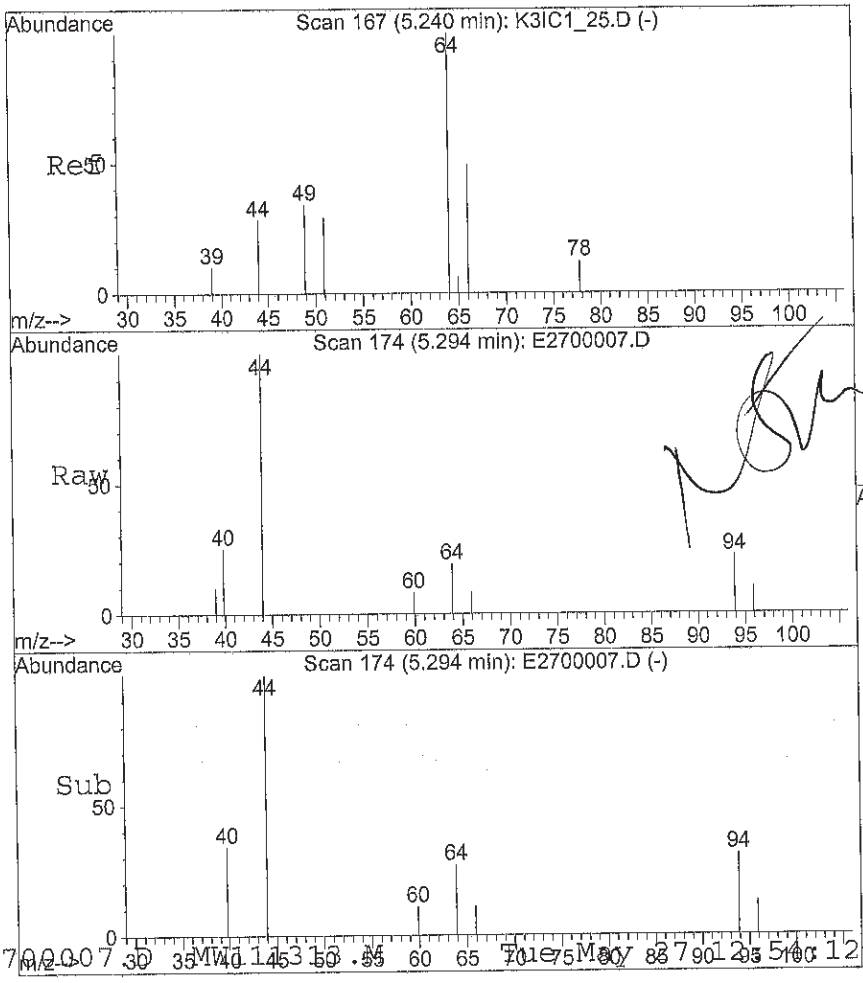


#6
Bromomethane
Concen: 3.45 ug/L
RT: 5.09 min Scan# 150
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 96 Resp: 10632

Ion	Ratio	Lower	Upper
96	100		
94	124.2	101.0	151.4

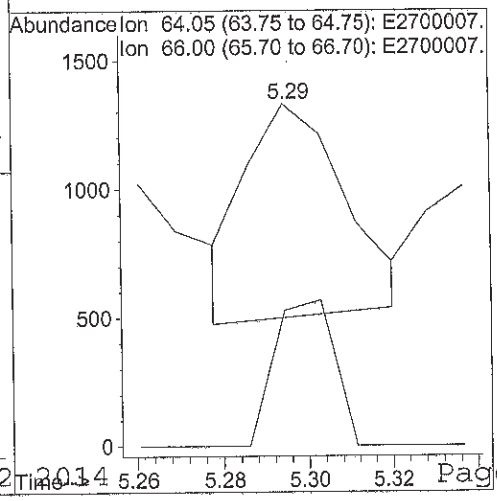


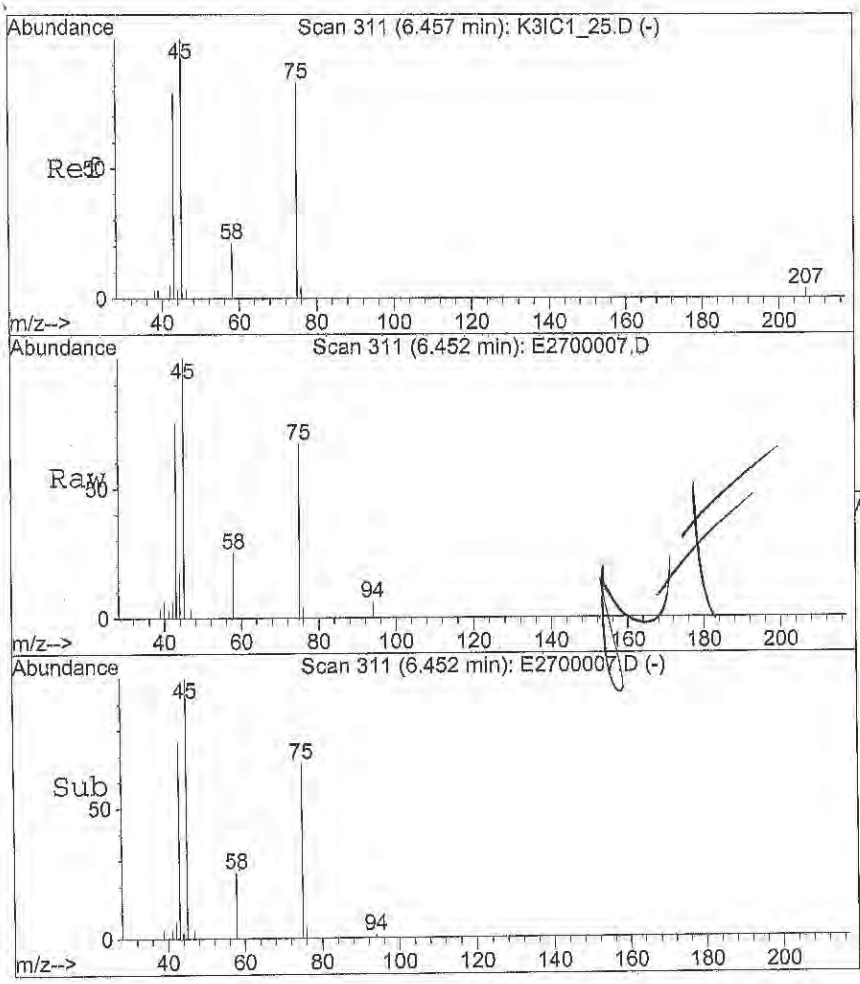


#7
Chloroethane
Concen: 1.57 ug/L
RT: 5.29 min Scan# 174
Delta R.T. 0.05 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 64 Resp: 1363

Ion	Ratio	Lower	Upper
64	100		
66	40.7	35.4	53.0

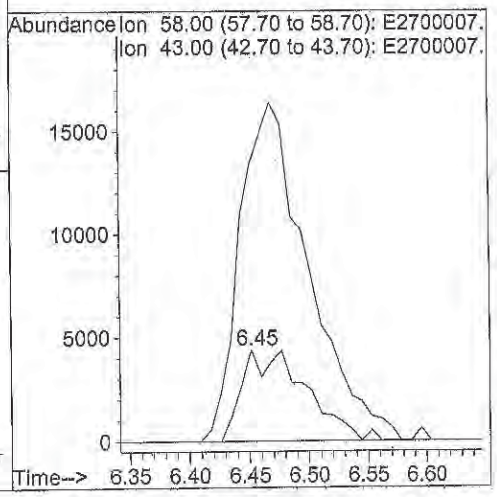


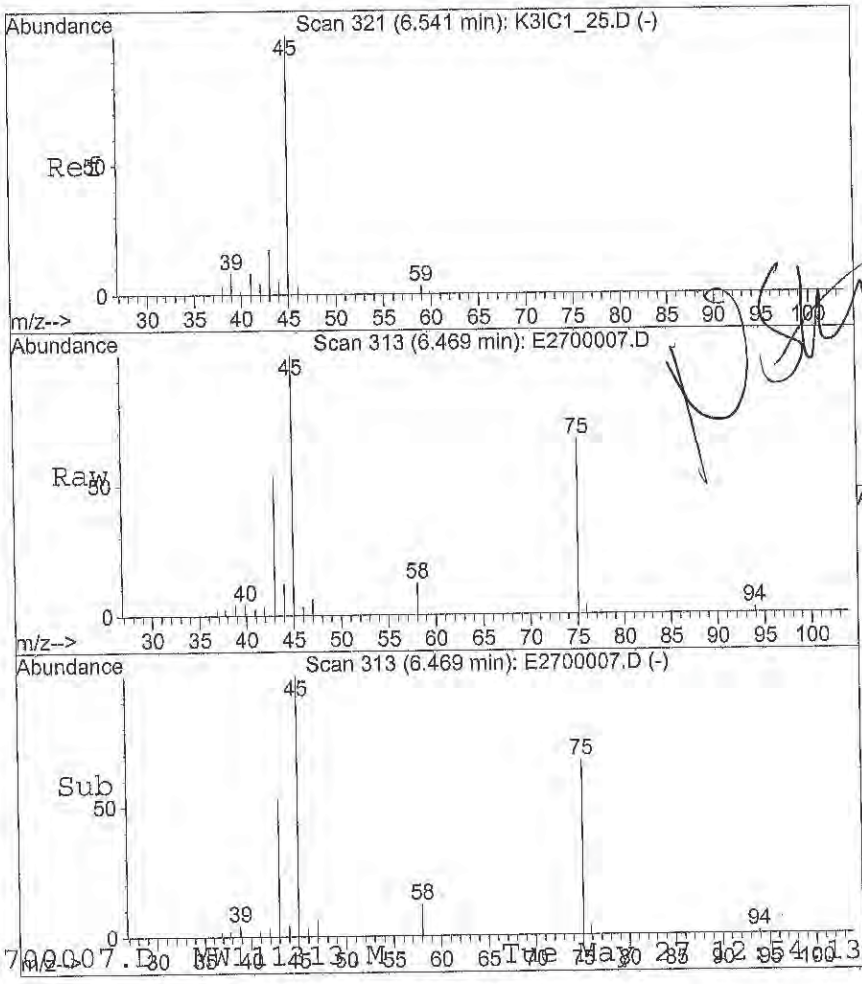


#11
Acetone
Concen: 19.93 ug/L
RT: 6.45 min Scan# 311
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 58 Resp: 16223

Ion	Ratio	Lower	Upper
58	100		
43	401.3	360.9	541.3

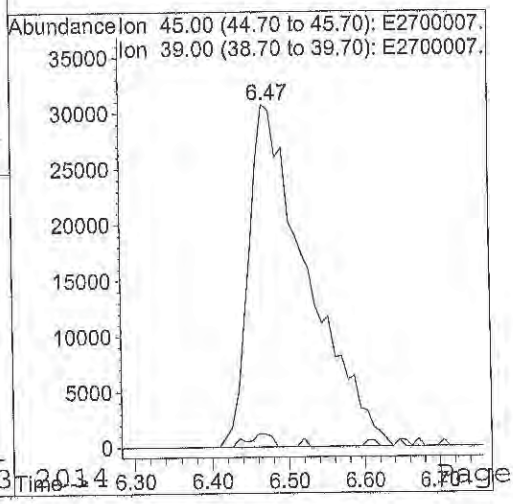


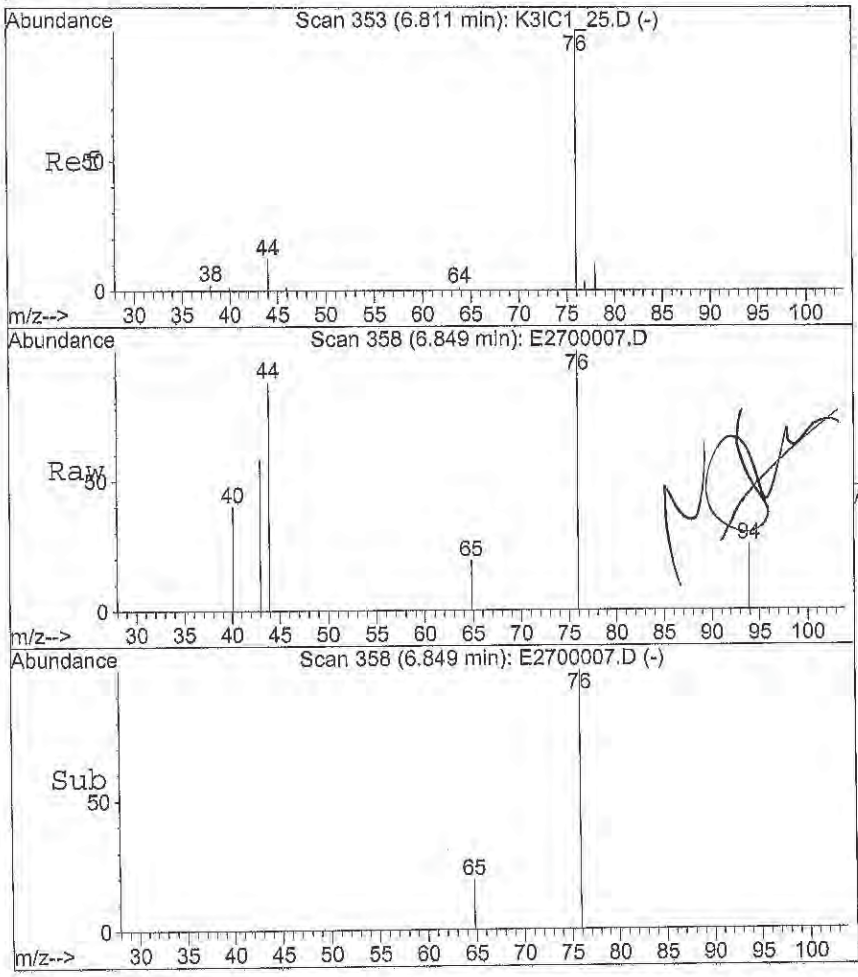


#12
(IPA) Leak Check Compound
Concen: 738.69 ug/L
RT: 6.47 min Scan# 313
Delta R.T. -0.07 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 45 Resp: 164073

Ion	Ratio	Lower	Upper
45	100		
39	1.6	4.9	7.3#

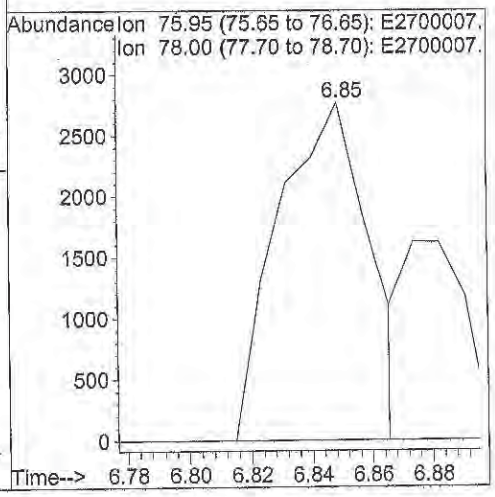


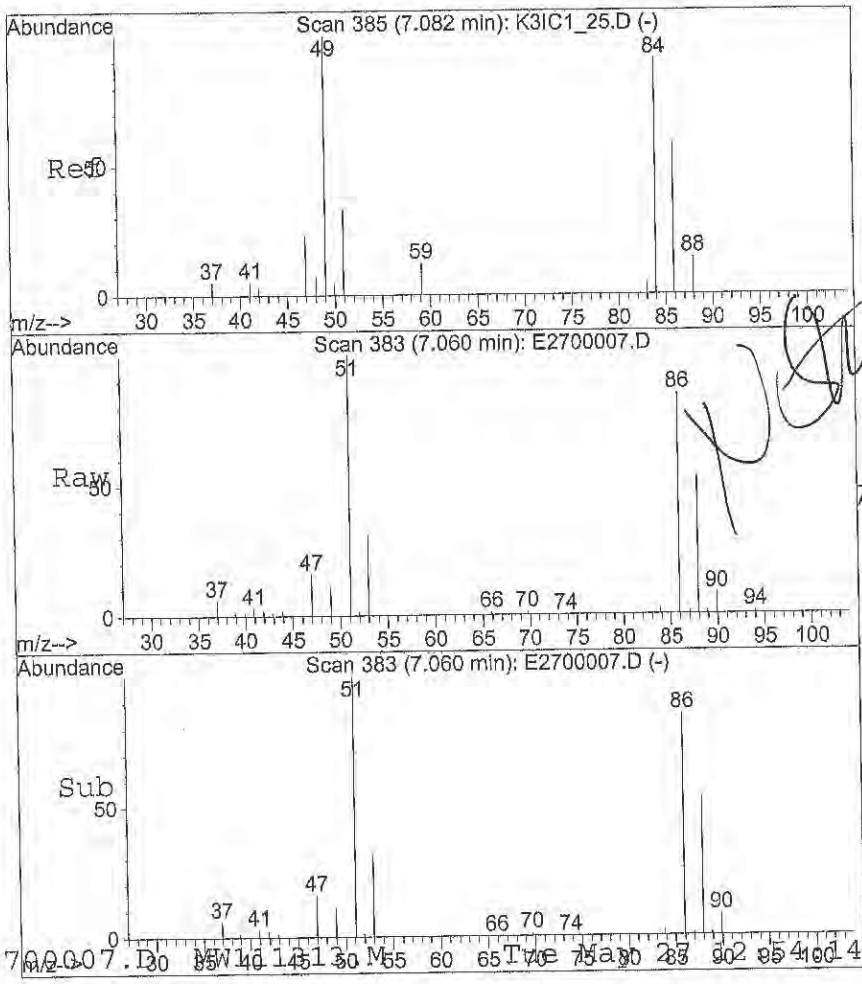


#13
Carbon disulfide
Concen: 0.38 ug/L
RT: 6.85 min Scan# 358
Delta R.T. 0.04 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 76 Resp: 5807

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

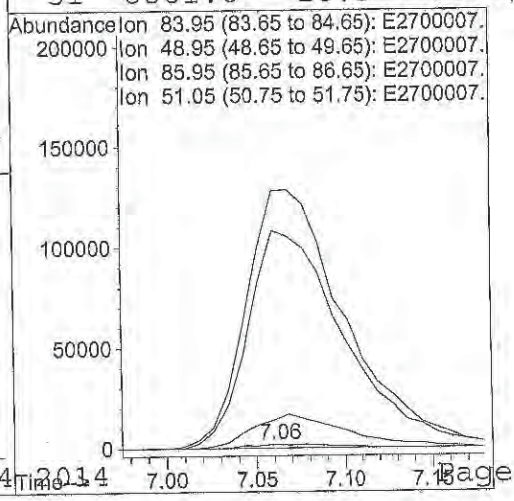


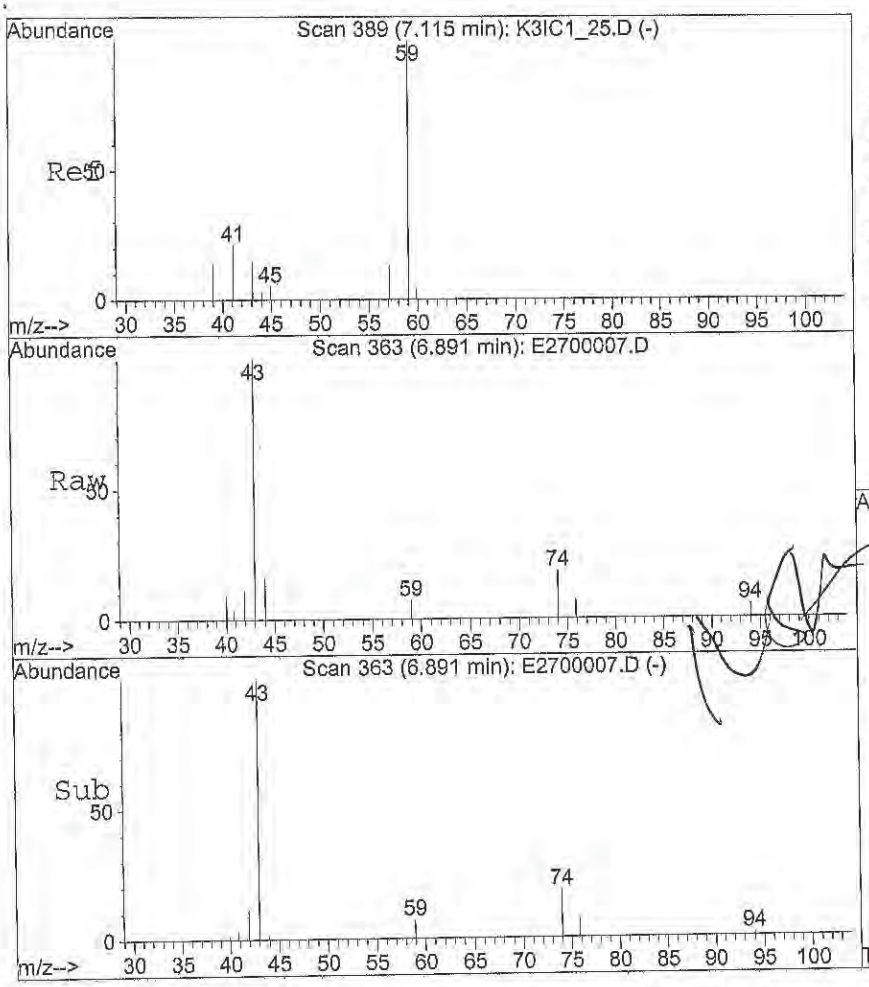


#14
Methylene Chloride
Concen: 1.12 ug/L
RT: 7.06 min Scan# 383
Delta R.T. -0.02 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 84 Resp: 5708

Ion	Ratio	Lower	Upper
84	100		
49	1068.6	89.8	134.6#
86	7296.3	51.1	76.7#
51	8861.6	28.5	42.7#

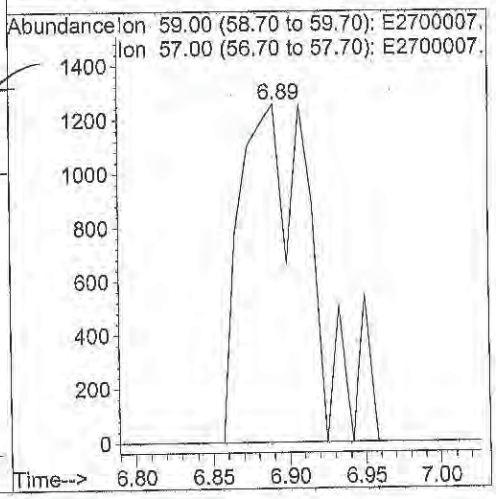


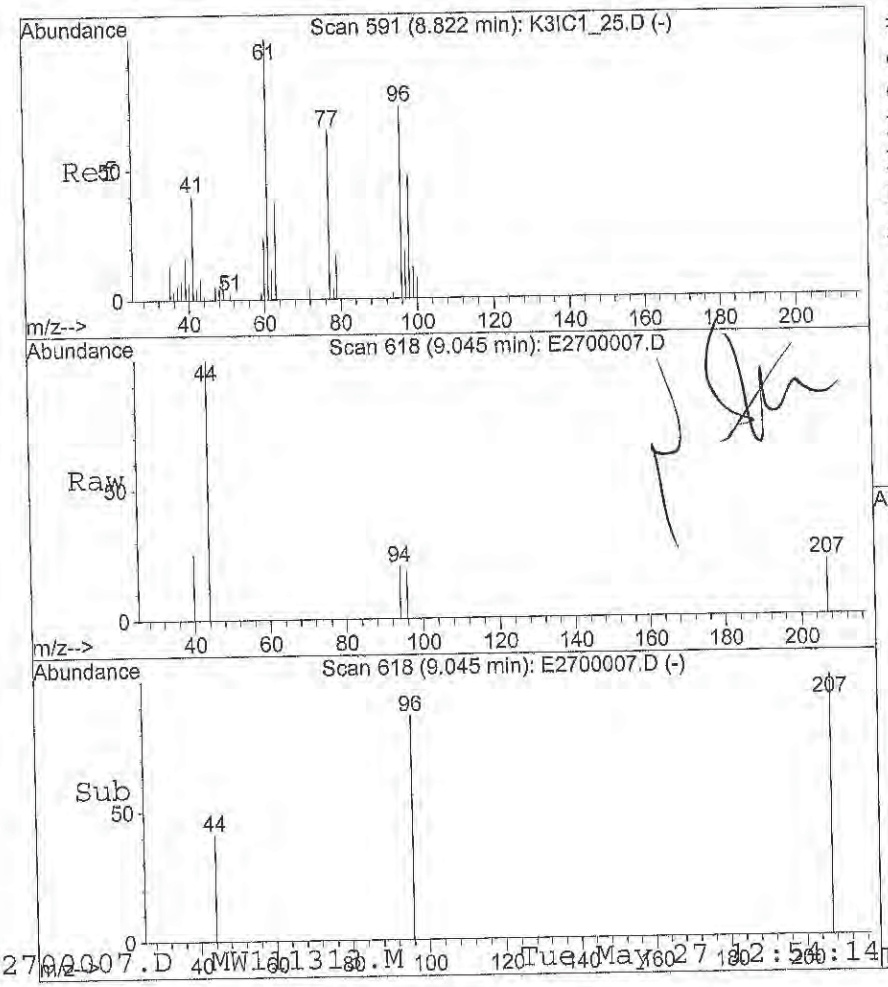


#15
(TBA) tert-Butanol
Concen: 13.13 ug/L
RT: 6.89 min Scan# 363
Delta R.T. -0.22 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 59 Resp: 4140

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

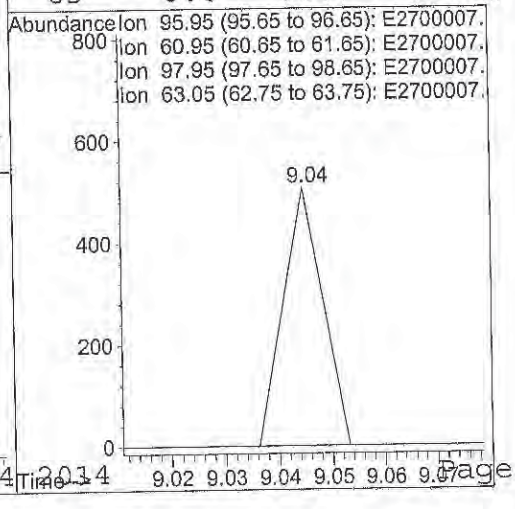


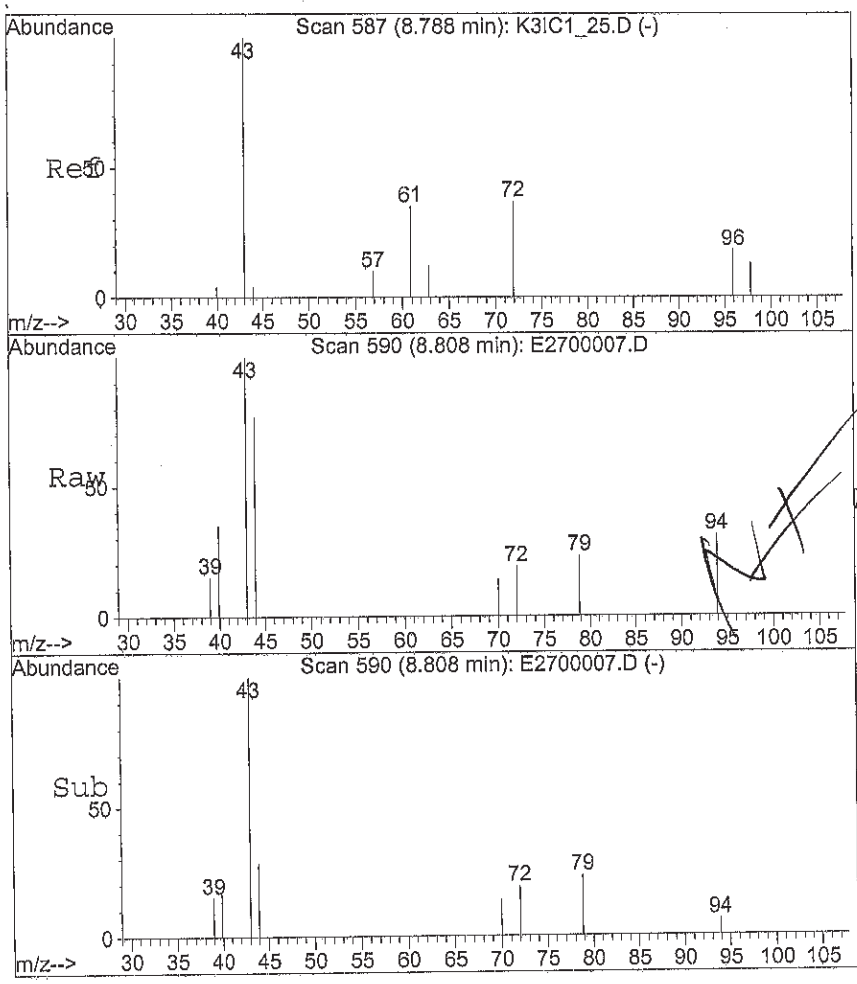


#19
cis-1,2-Dichloroethene
Concen: 0.04 ug/L
RT: 9.04 min Scan# 618
Delta R.T. 0.22 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 96 Resp: 257

Ion	Ratio	Lower	Upper
96	100		
61	0.0	110.3	165.5#
98	0.0	49.8	74.6#
63	0.0	36.7	55.1#

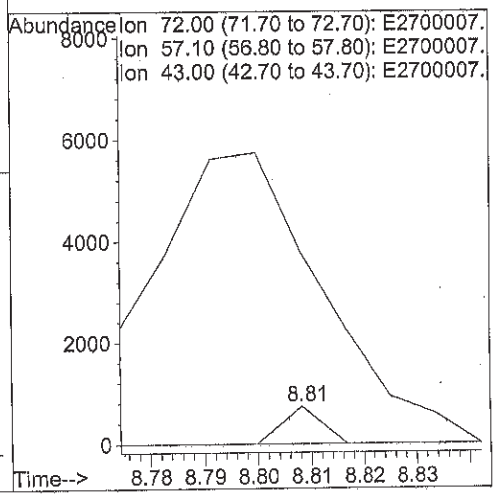


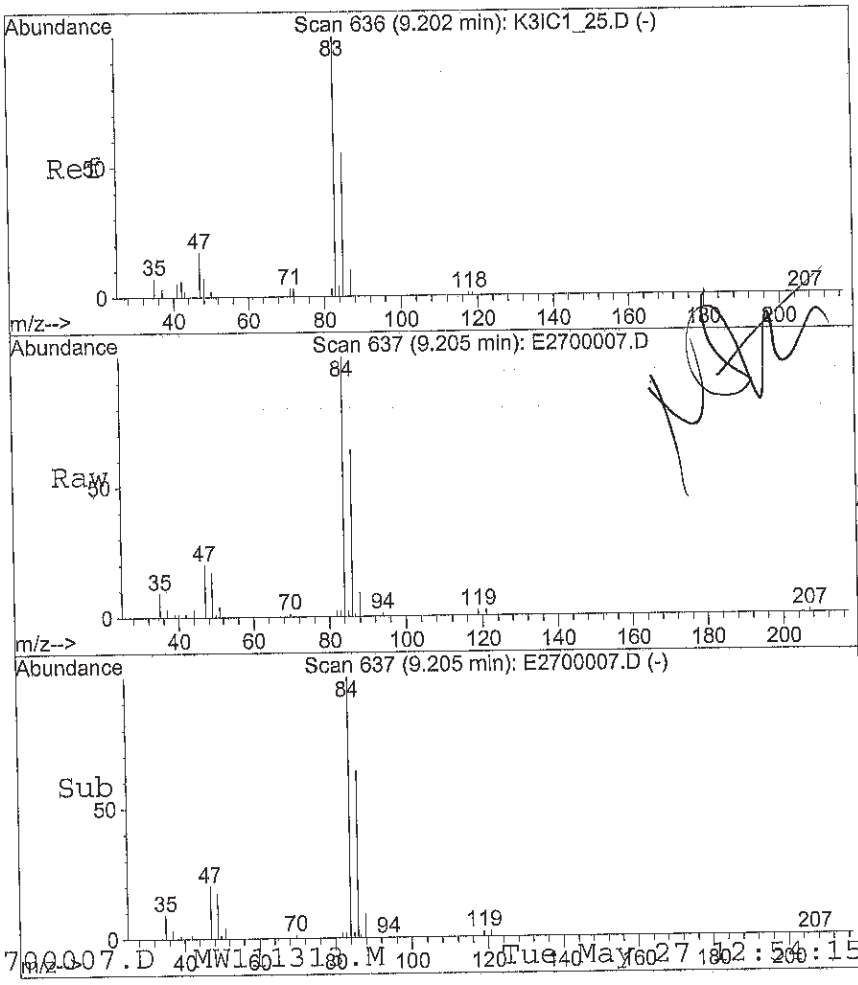


#21
(MEK) 2-Butanone
Concen: 0.71 ug/L
RT: 8.81 min Scan# 590
Delta R.T. 0.02 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 72 Resp: 371

Ion	Ratio	Lower	Upper
72	100		
57	0.0	17.5	26.3#
43	3580.3	314.2	471.2#

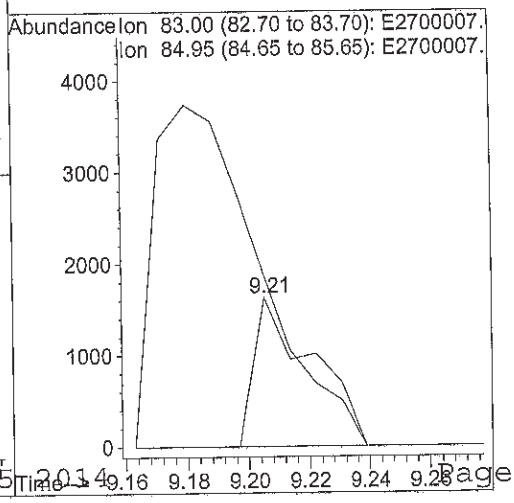


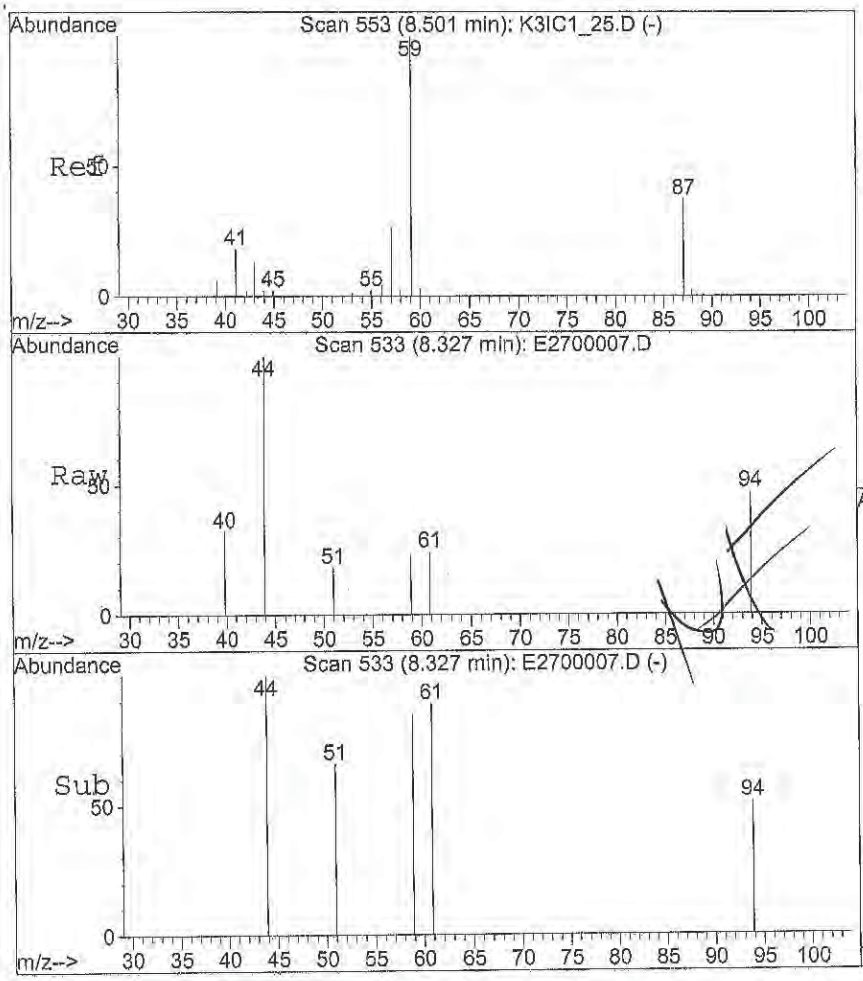


#24
Chloroform
Concen: 0.22 ug/L
RT: 9.21 min Scan# 637
Delta R.T. 0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 83 Resp: 2172

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

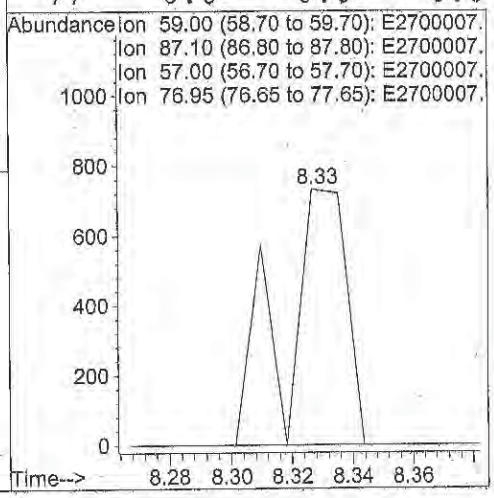


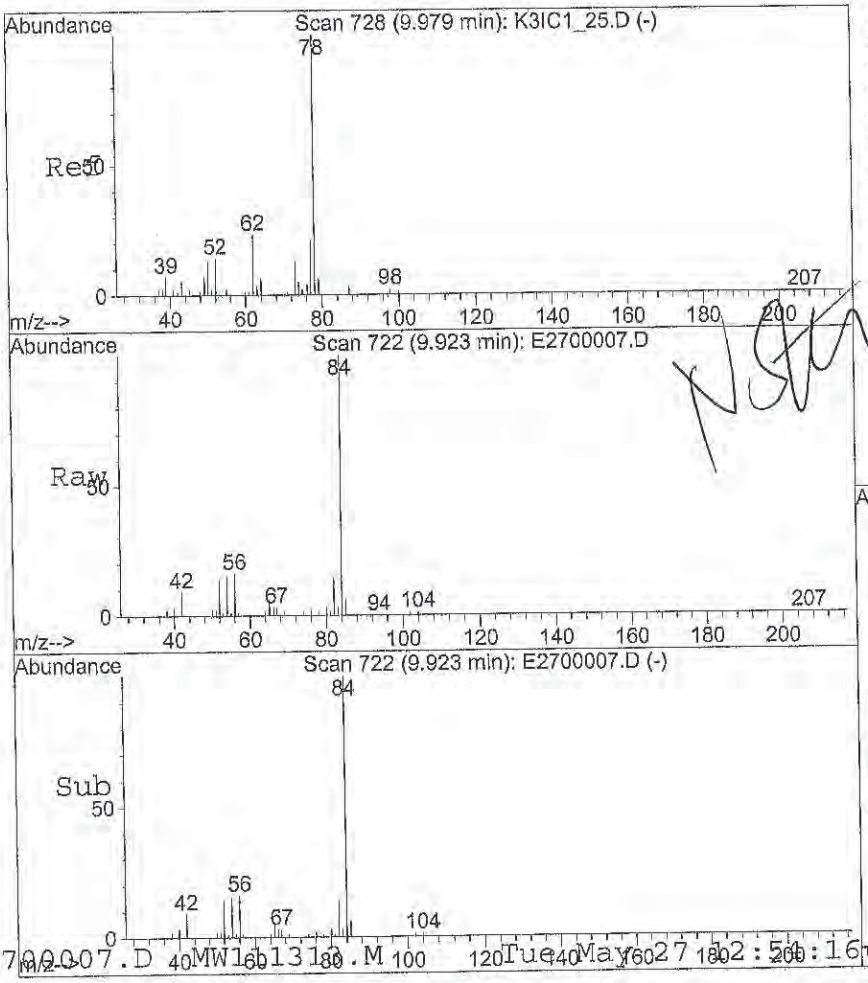


#25
(ETBE) 2-ethoxy 2-methyl propar
Concen: 0.08 ug/L
RT: 8.33 min Scan# 533
Delta R.T. -0.17 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 59 Resp: 1027

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

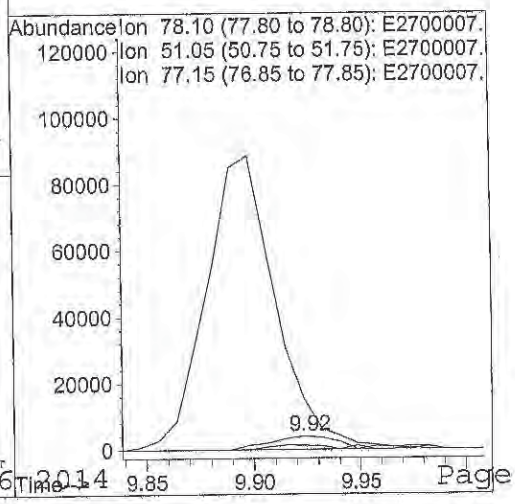


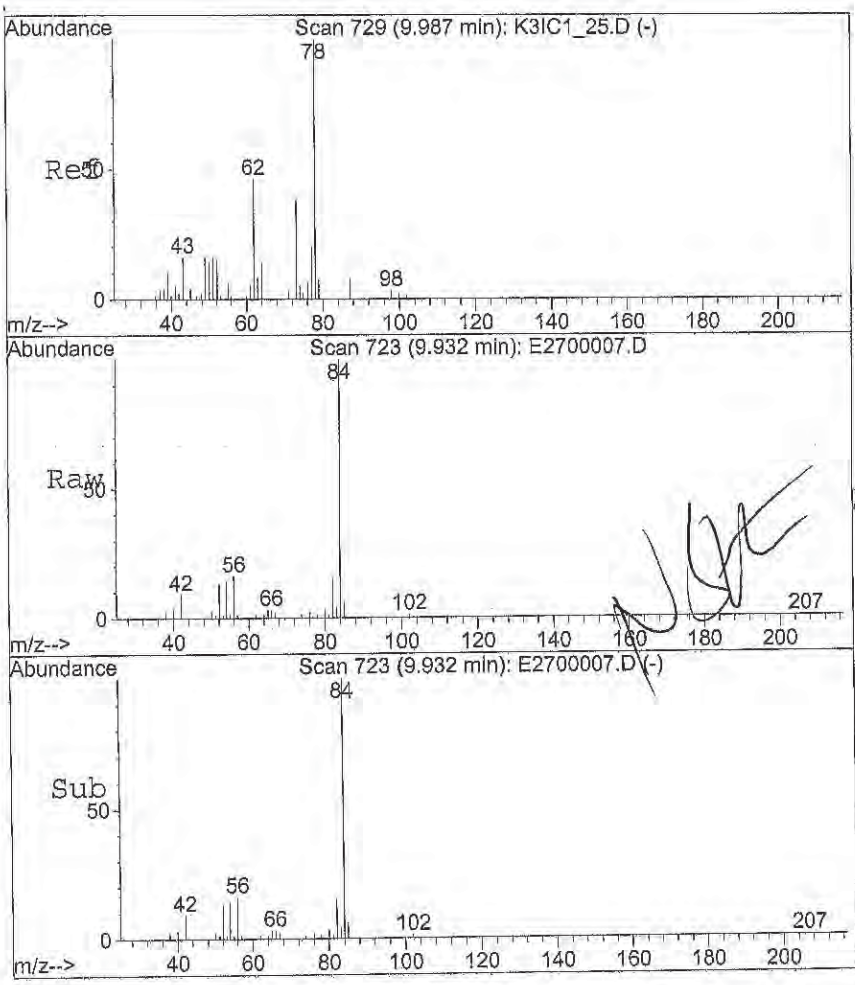


#31
Benzene
Concen: 0.52 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 78 Resp: 9124

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	24.2	16.6	24.8

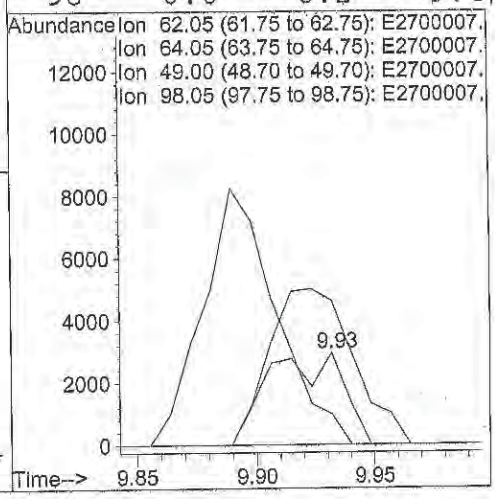


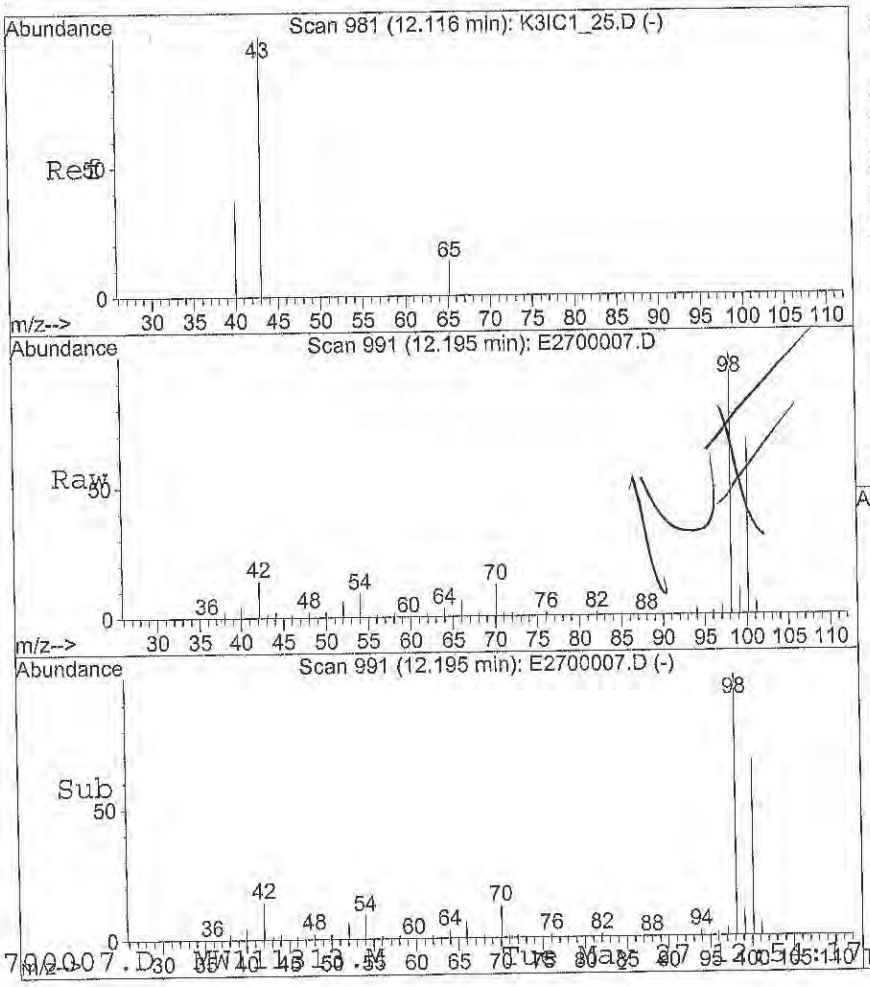


#32
1,2-Dichloroethane
Concen: 1.05 ug/L
RT: 9.93 min Scan# 723
Delta R.T. -0.06 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 62 Resp: 6455

Ion	Ratio	Lower	Upper
62	100		
64	192.0	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

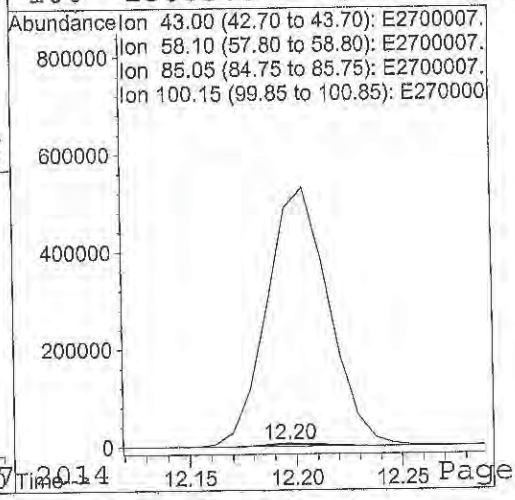


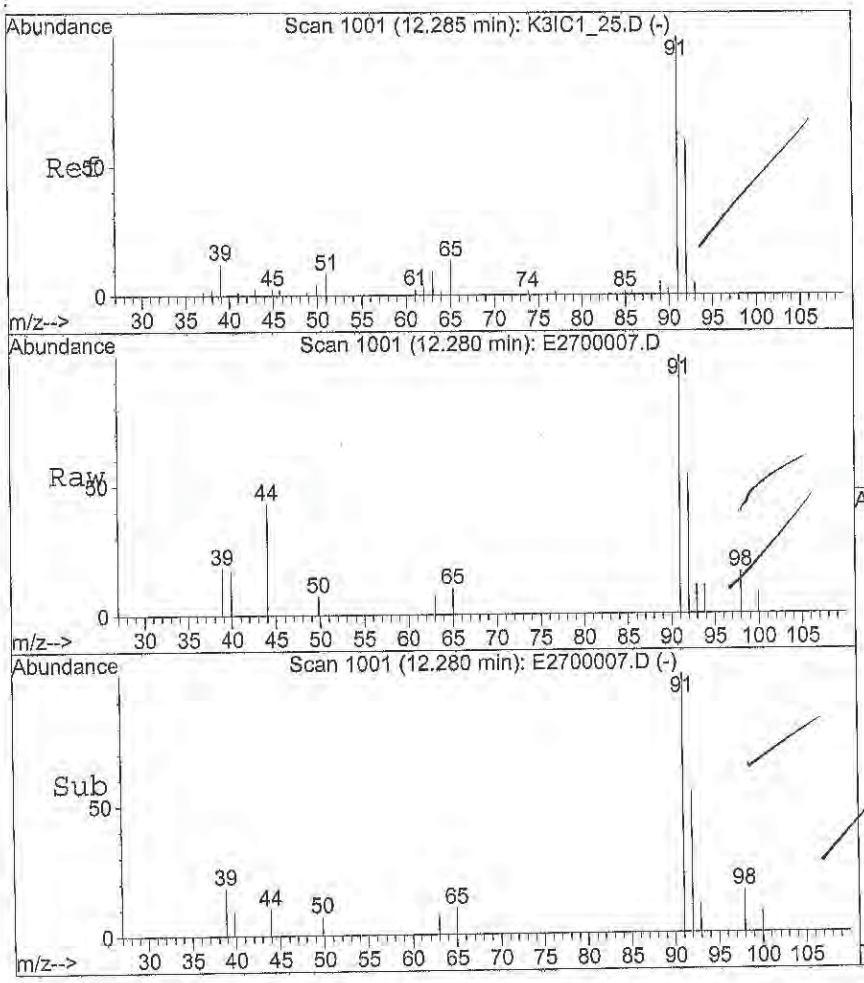


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.53 ug/L
RT: 12.20 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 43 Resp: 6862

Ion	Ratio	Lower	Upper
43	100		
58	176.5	0.0	0.0#
85	0.0	0.0	0.0
100	15683.0	0.0	0.0#

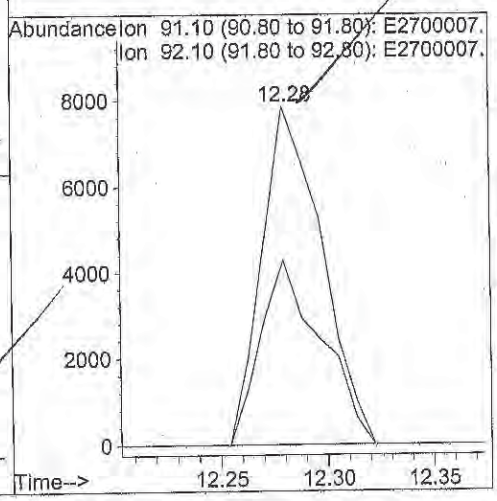


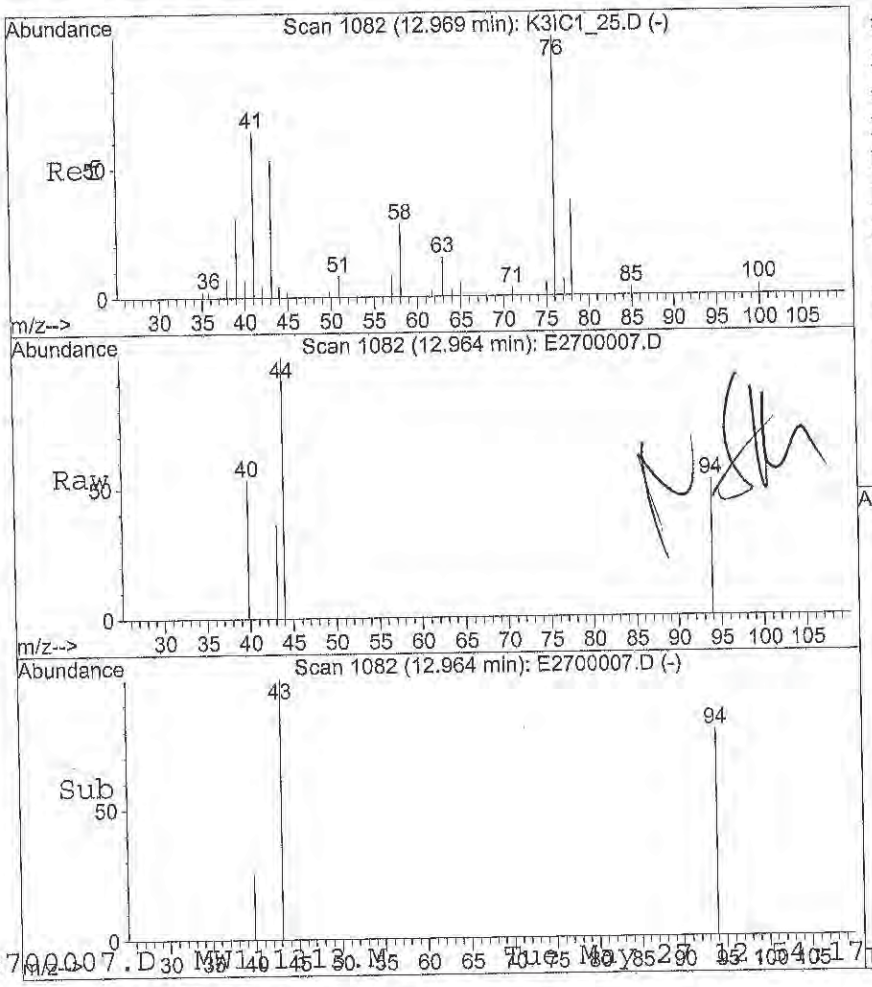


#41
Toluene
Concen: 0.82 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 91 Resp: 15225

Ion	Ratio	Lower	Upper
91	100		
92	55.1	47.4	71.0

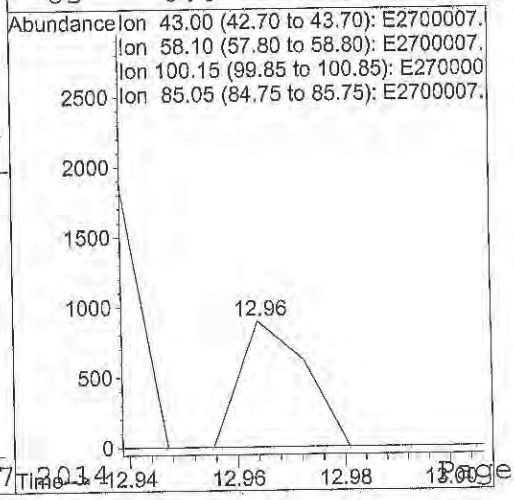


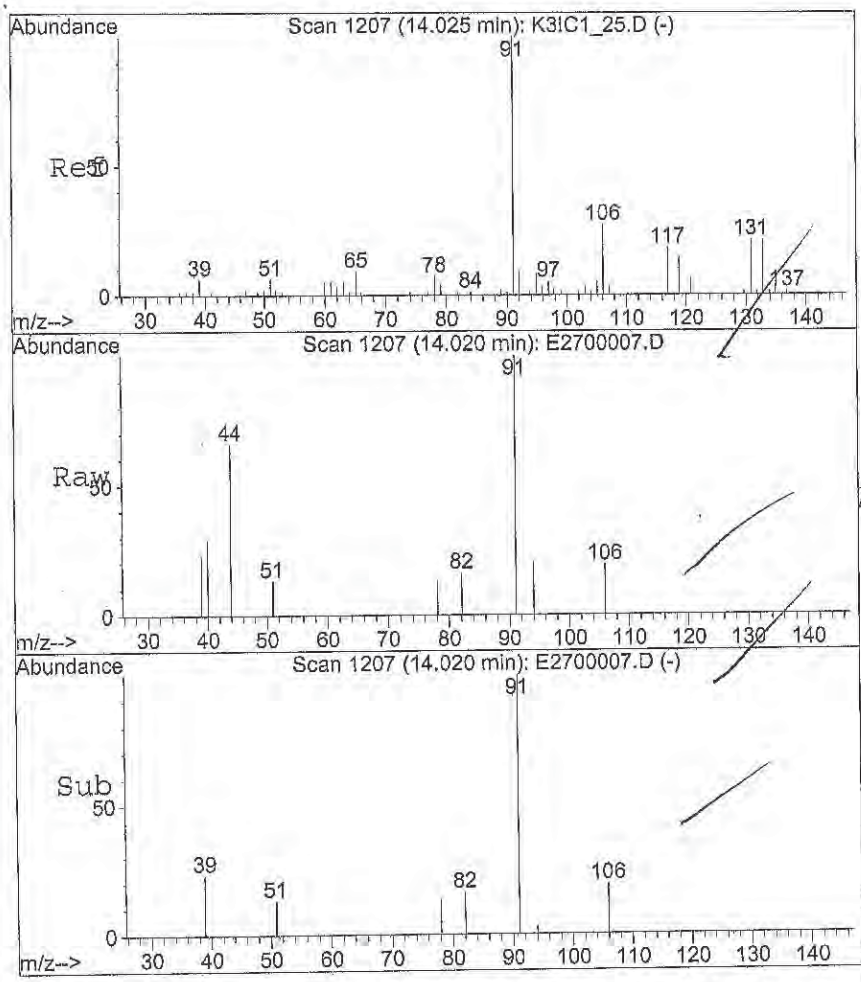


#46
2-Hexanone
Concen: 0.26 ug/L
RT: 12.96 min Scan# 1082
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 43 Resp: 769

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

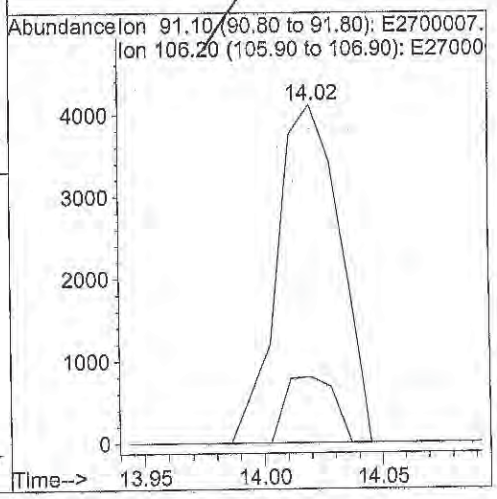


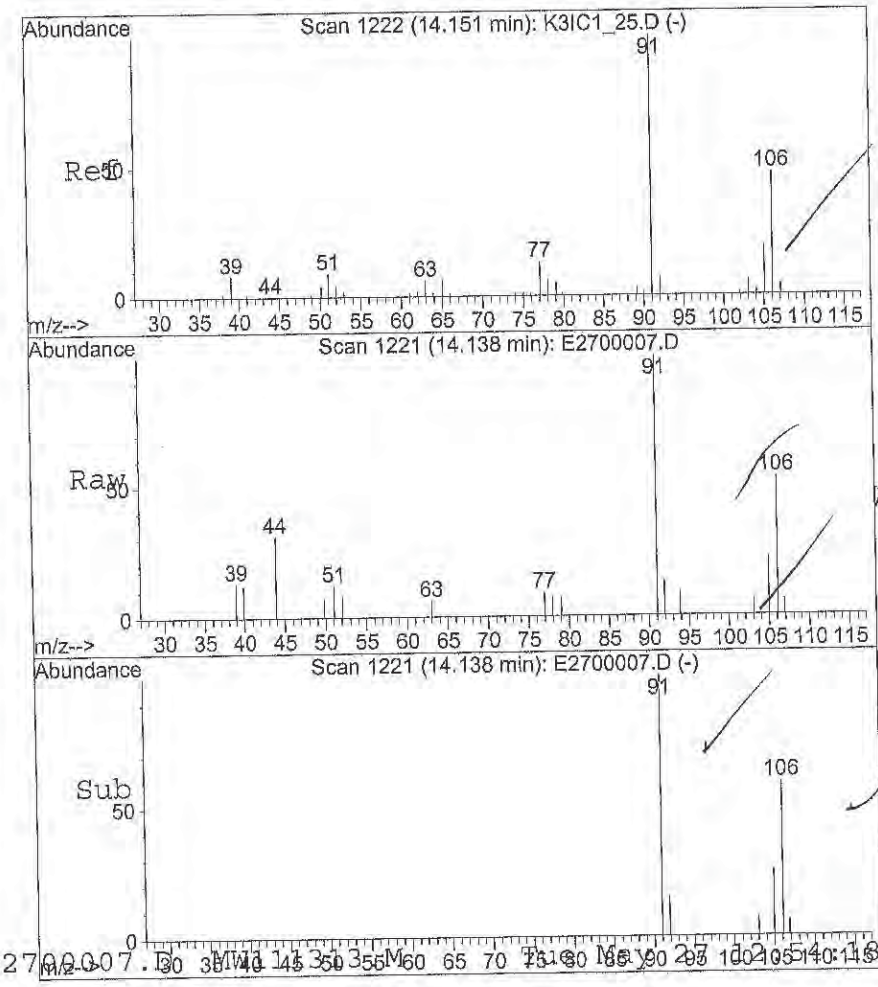


#51
Ethylbenzene
Concen: 0.36 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 91 Resp: 7558

Ion	Ratio	Lower	Upper
91	100		
106	15.1	23.5	35.3#

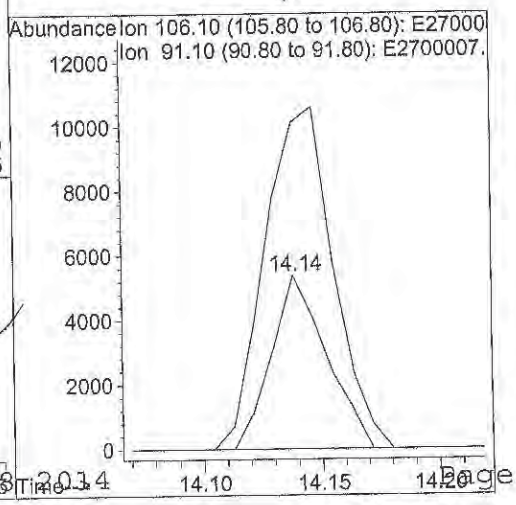


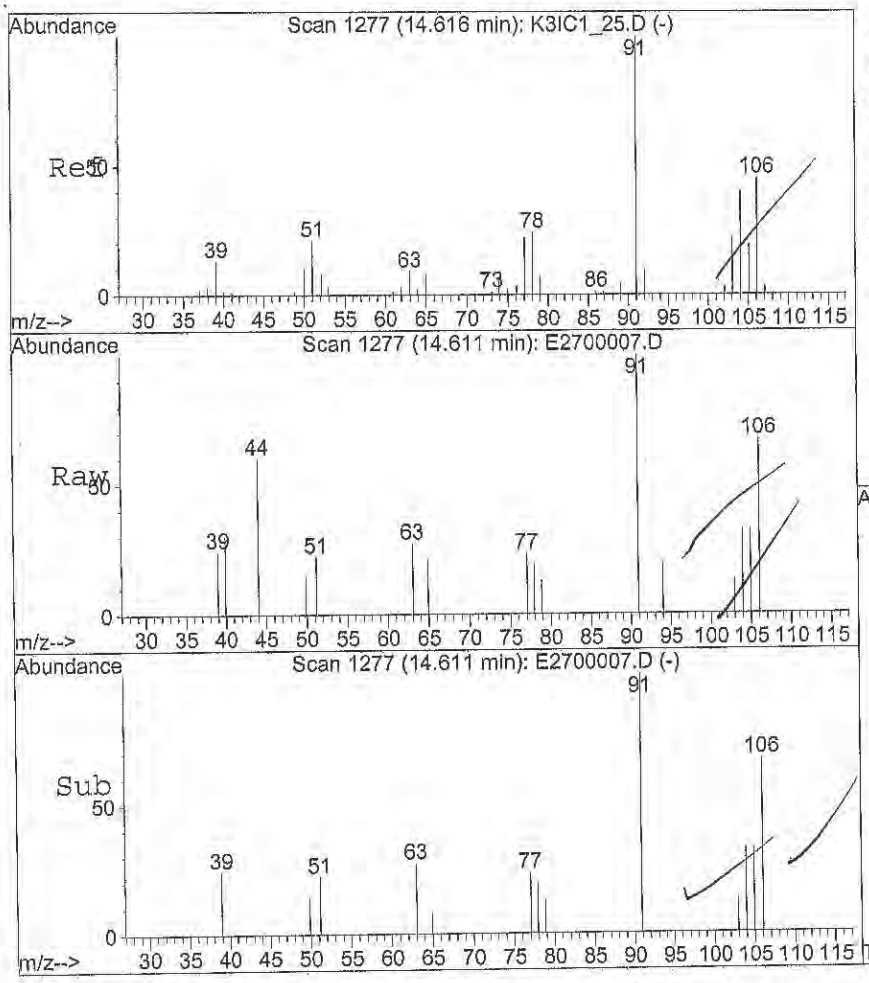


#52
m,p-Xylenes
Concen: 1.15 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:106 Resp: 8652

Ion	Ratio	Lower	Upper
106	100		
91	244.8	177.1	265.7

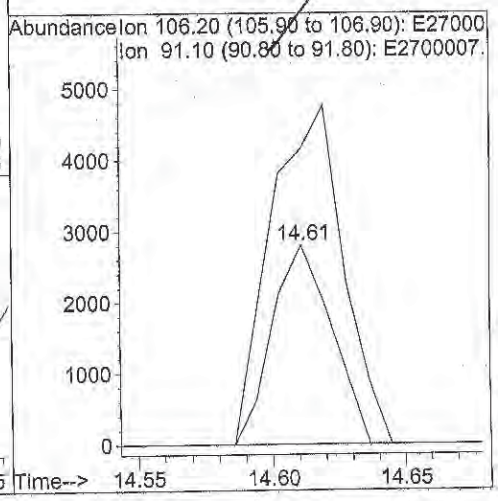


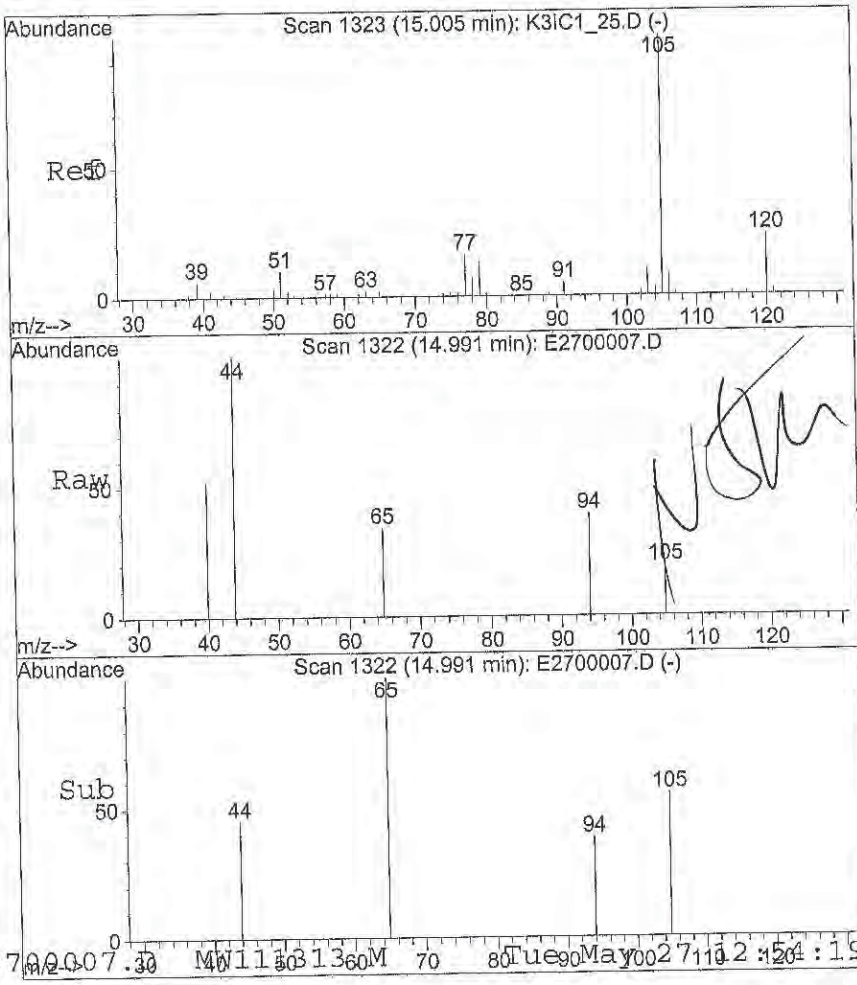


#53
o-Xylene
Concen: 0.59 ug/L
RT: 14.61 min Scan# 1277
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:106 Resp: 4334

Ion	Ratio	Lower	Upper
106	100		
91	207.3	179.0	268.6

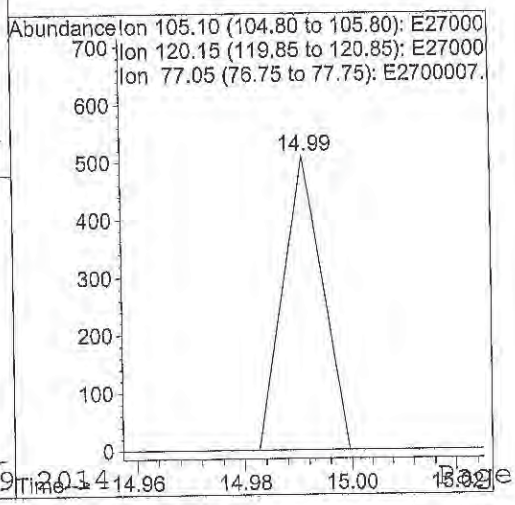


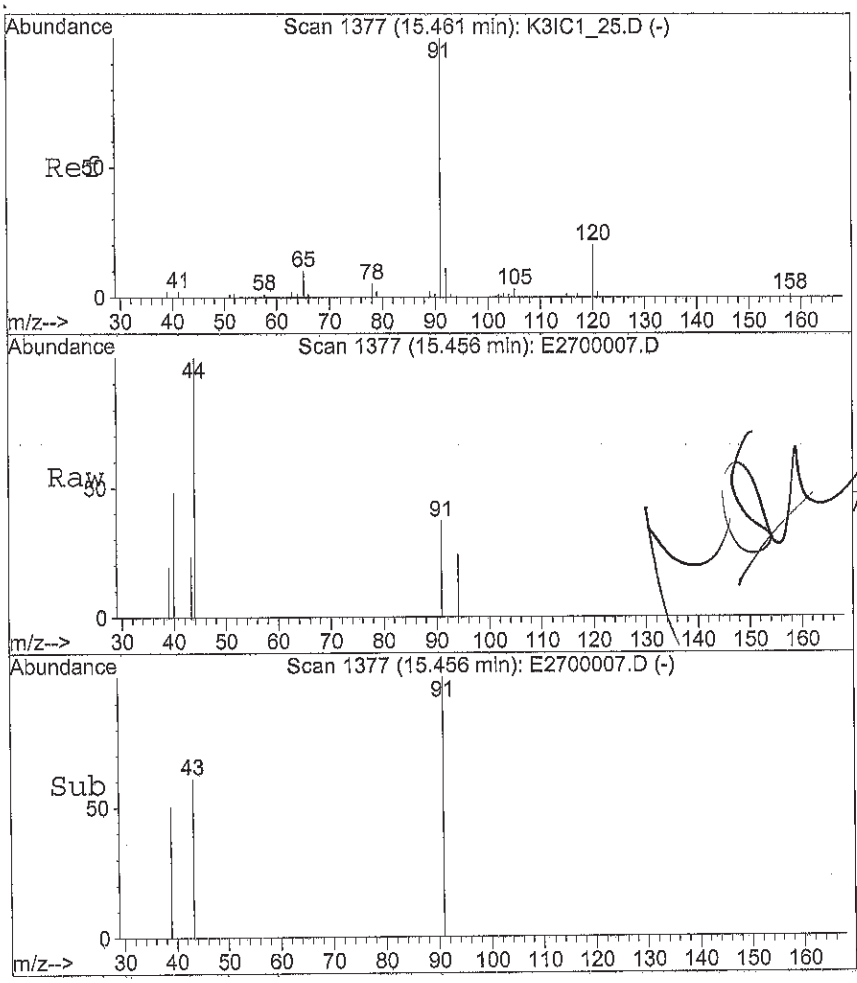


#56
Isopropylbenzene
Concen: 0.01 ug/L
RT: 14.99 min Scan# 1322
Delta R.T. -0.01 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:105 Resp: 259

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

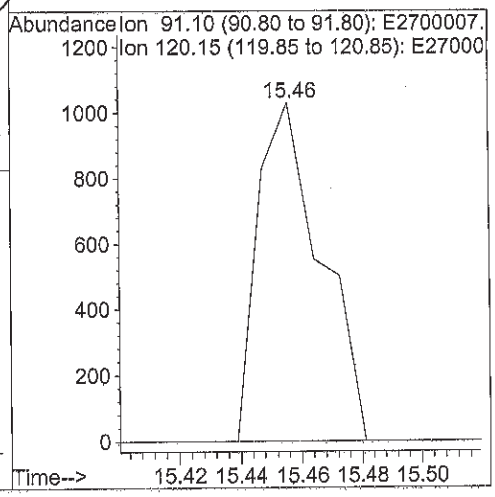


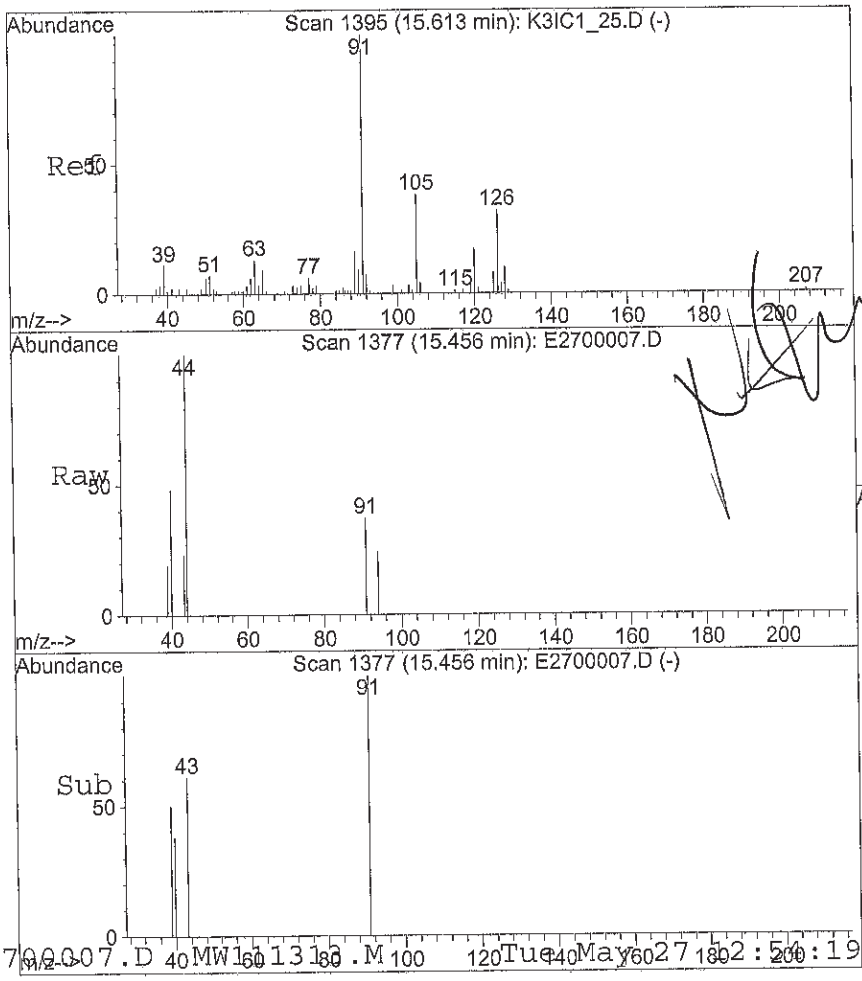


#62
n-Propylbenzene
Concen: 0.05 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 91 Resp: 1476

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

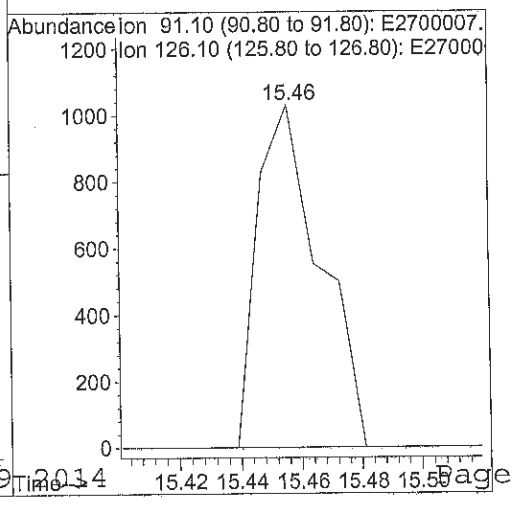


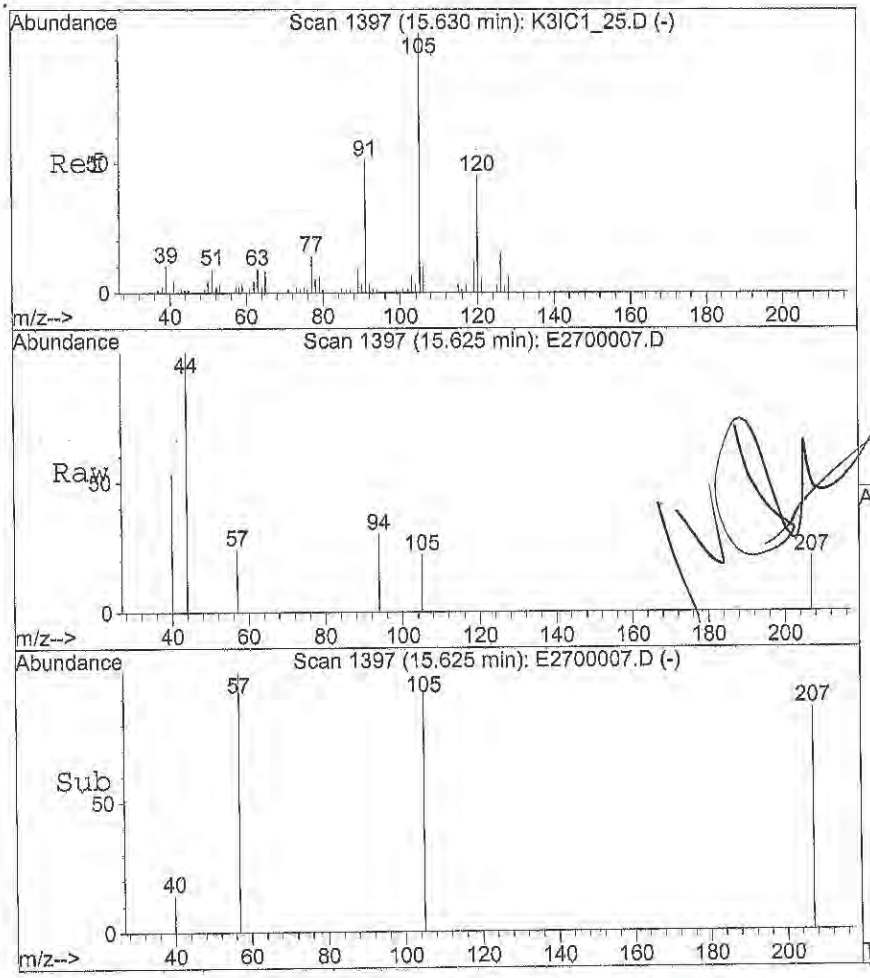


#63
2-Chlorotoluene
Concen: 0.08 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.16 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion: 91 Resp: 1476

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

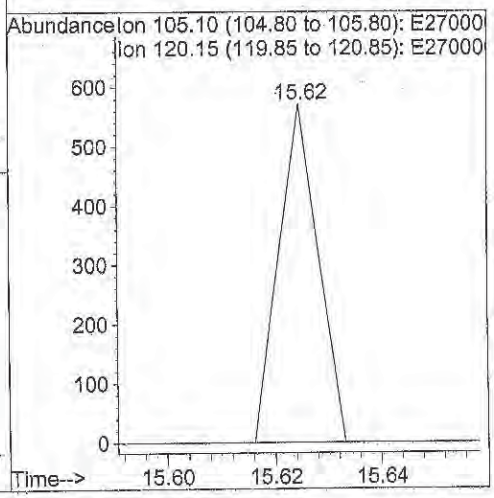


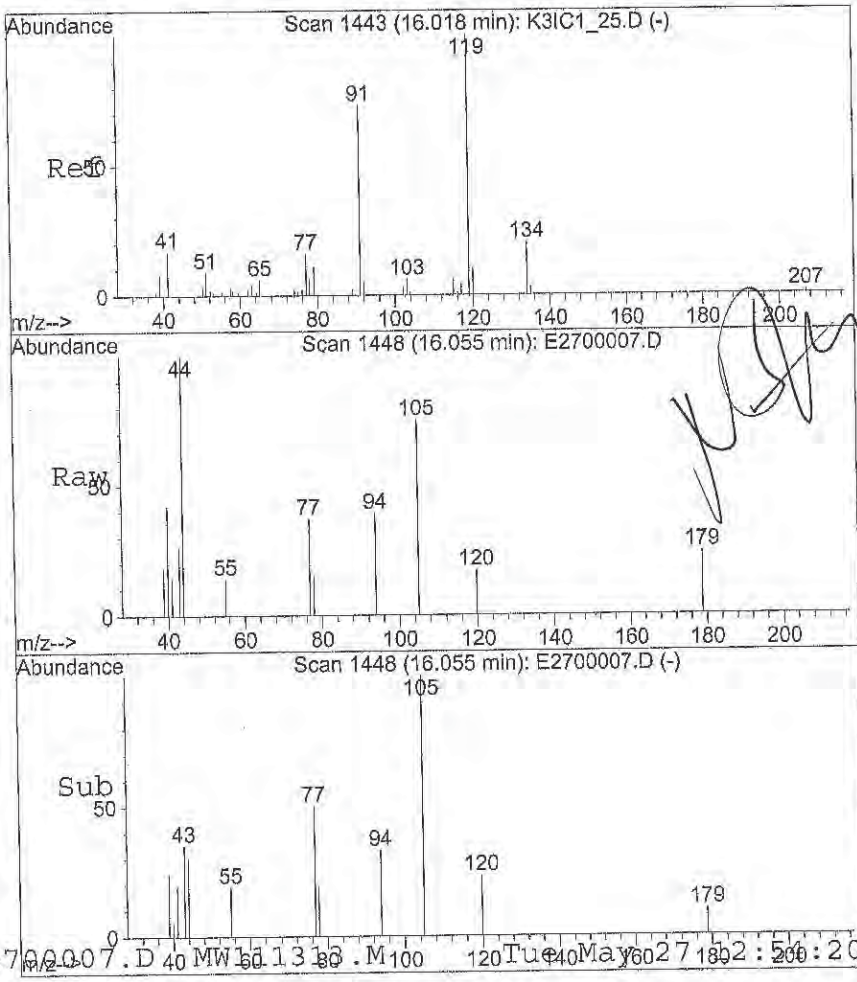


#64
1,3,5-Trimethylbenzene
Concen: 0.02 ug/L
RT: 15.62 min Scan# 1397
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:105 Resp: 289

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

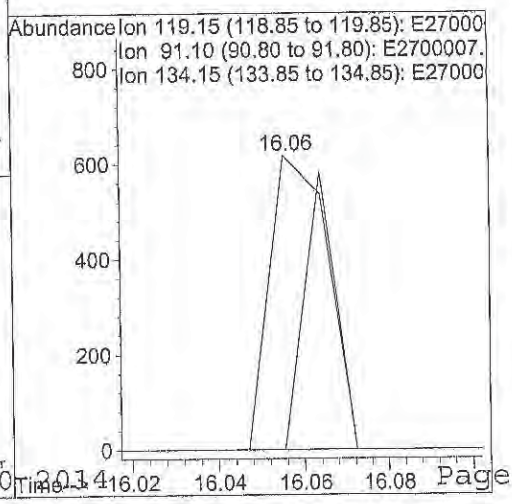


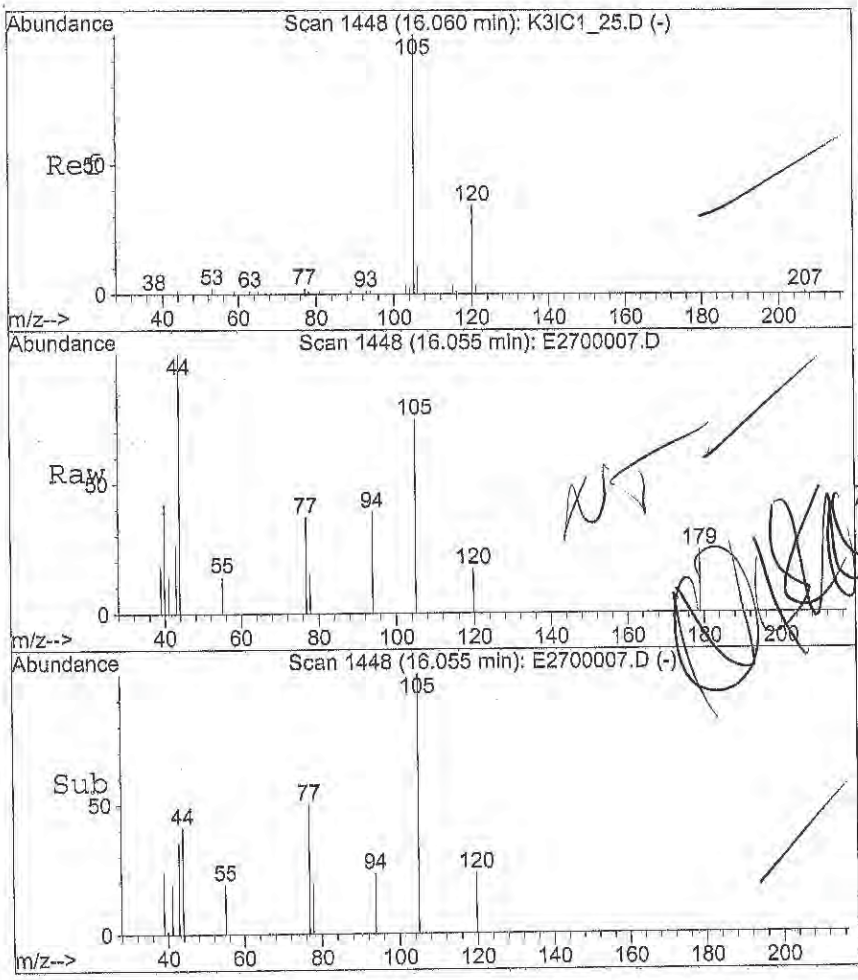


#66
tert-Butylbenzene
Concen: 0.04 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. 0.04 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:119 Resp: 584

Ion	Ratio	Lower	Upper
119	100		
91	50.3	56.3	84.5#
134	0.0	16.1	24.1#

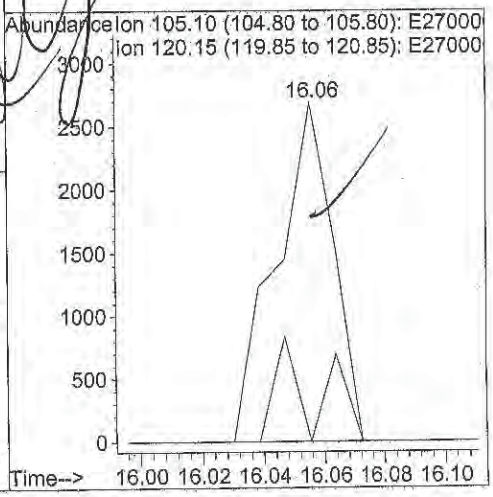


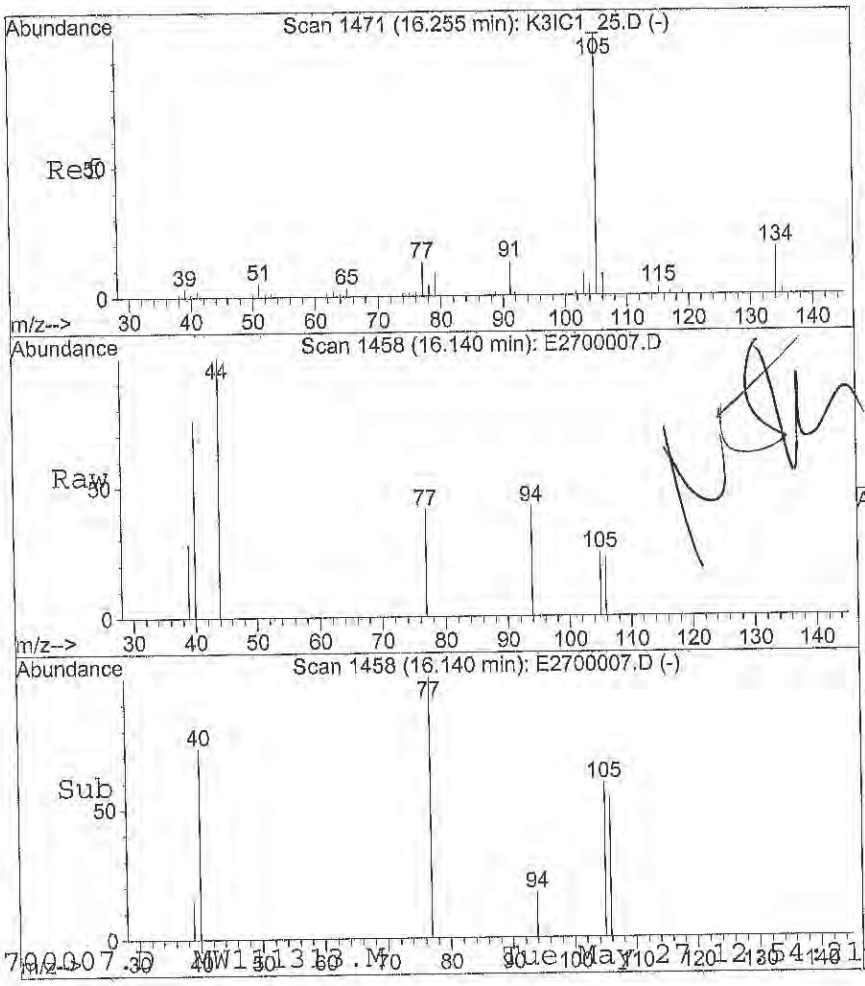


#67
1,2,4-Trimethylbenzene
Concen: 0.19 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:105 Resp: 3490

Ion	Ratio	Lower	Upper
105	100		
120	22.2	33.8	50.8#

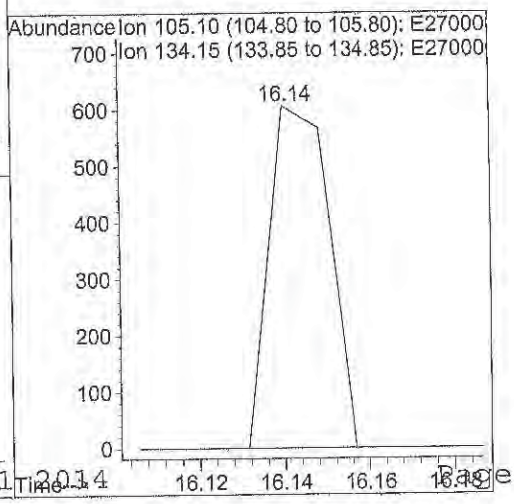


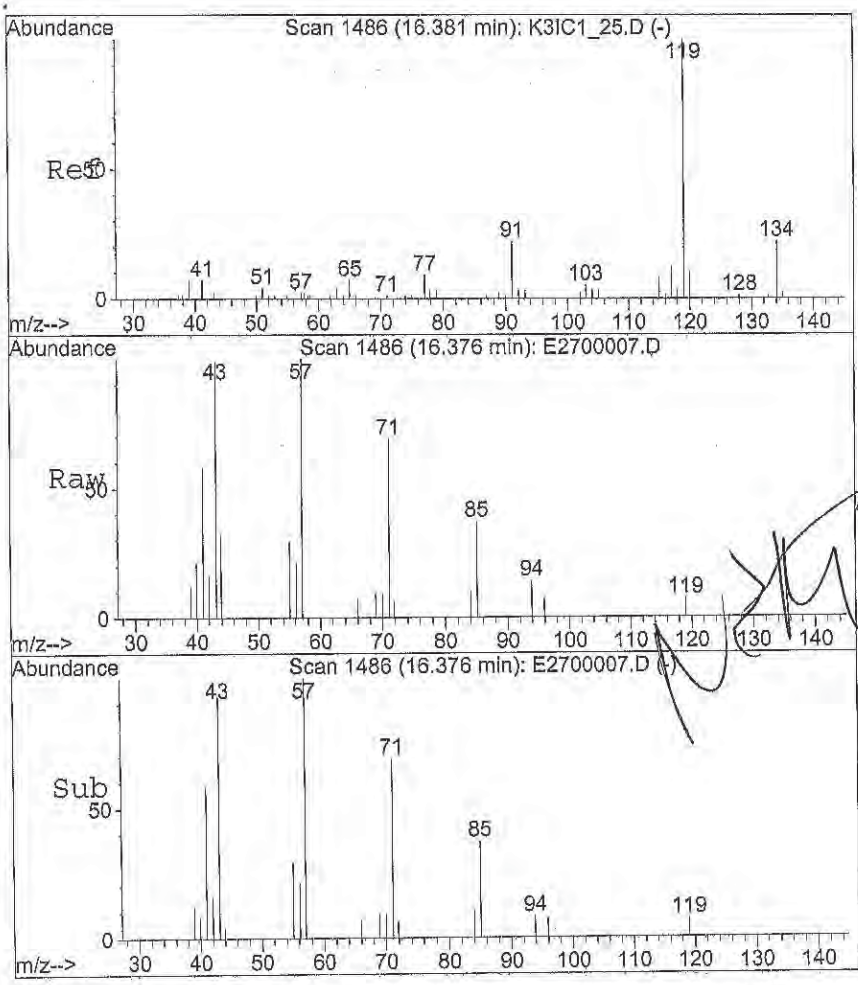


#68
sec-Butylbenzene
Concen: 0.02 ug/L
RT: 16.14 min Scan# 1458
Delta R.T. -0.11 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:105 Resp: 594

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

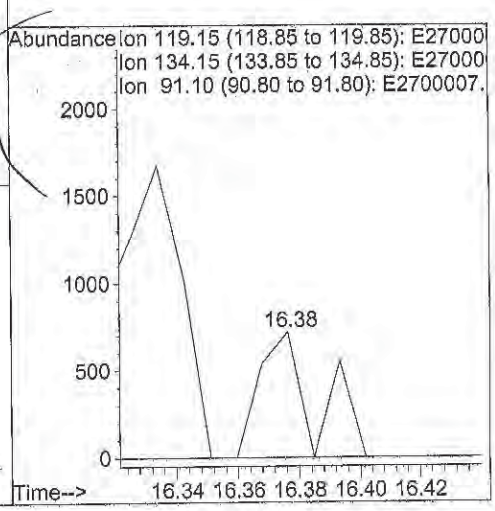


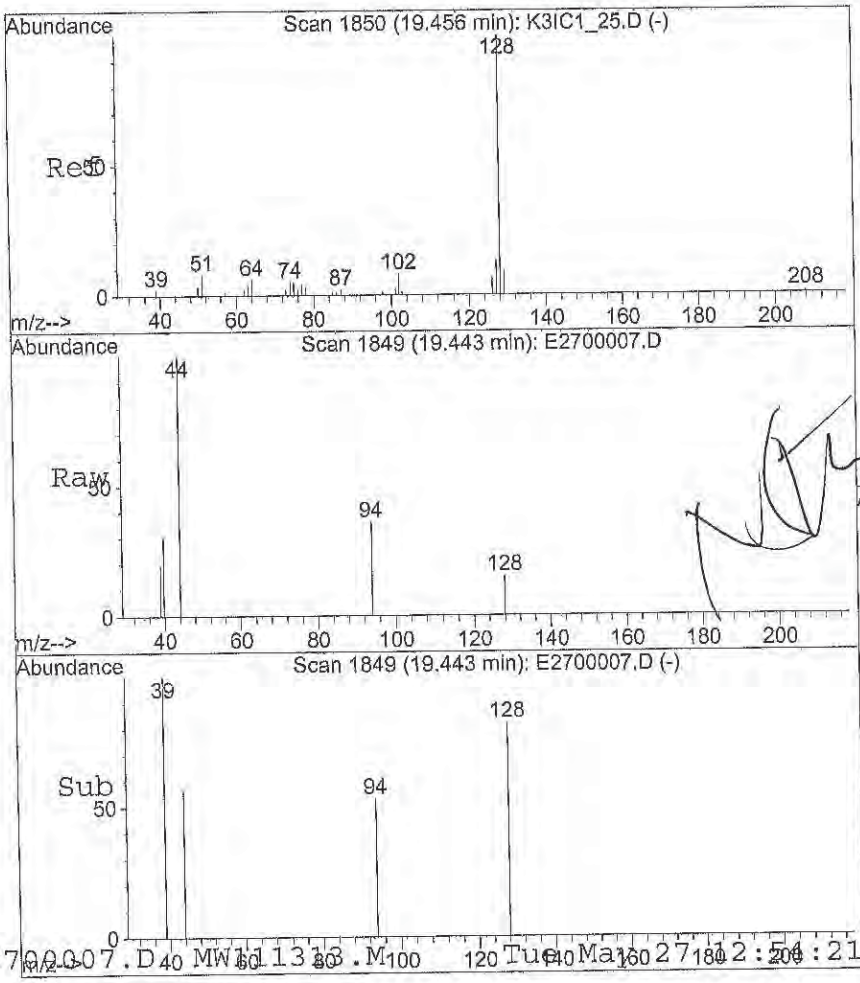


#69
p-Isopropyltoluene
Concen: 0.05 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.00 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:119 Resp: 917

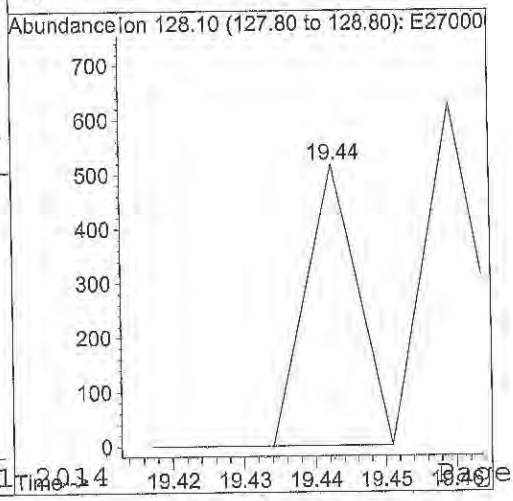
Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#





#77
Naphthalene
Concen: 0.02 ug/L
RT: 19.44 min Scan# 1849
Delta R.T. -0.01 min
Lab File: E2700007.D
Acq: 27 May 2014 12:33 pm

Tgt Ion:128 Resp: 262



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700007.D Vial: 6
Acq On : 27 May 2014 12:33 pm Operator: DN
Sample : 3E42701-06 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 12:55 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1848407	12.50 ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.91	117	1360103	12.50 ug/L	-0.02
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	711592	12.50 ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	504526	10.50 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 84.00%		
3) Chloroform-d (SU6)	9.18	84	738968	10.71 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 85.68%		
4) Methylene Chloride-d2 (SU5	7.06	86	416474	10.33 ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 82.64%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	477785	14.54 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 116.32%		
6) Benzene-d6 (SU7)	9.92	84	1461231	10.07 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 80.56%		
8) Toluene-d8 (SU3)	12.20	98	1603606	12.43 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 99.44%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	738691	13.87 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 110.96%		

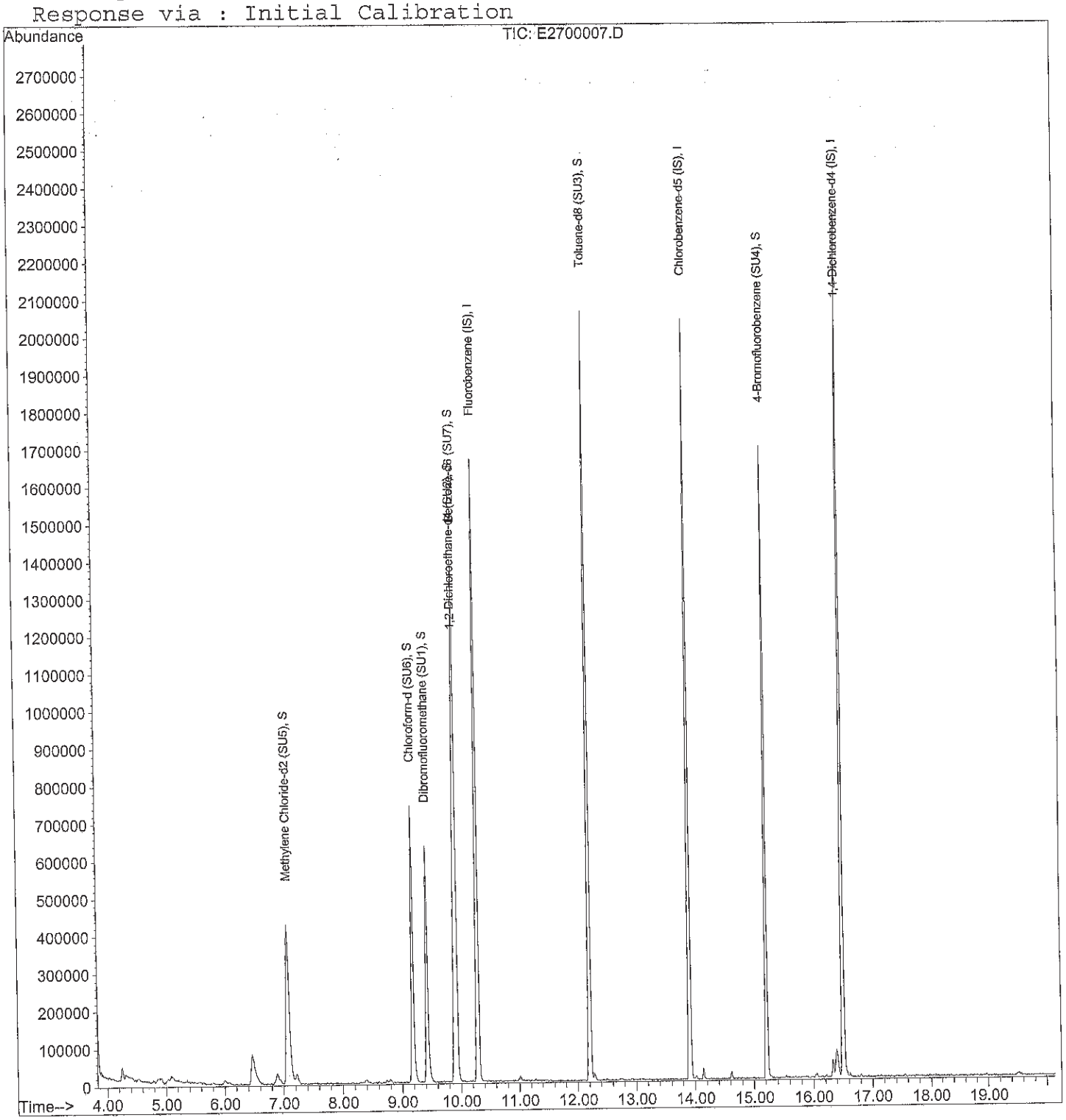
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700007.D Vial: 6
Acq On : 27 May 2014 12:33 pm Operator: DN
Sample : 3E42701-06 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 12:55 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700008.D Vial: 7
Acq On : 27 May 2014 1:02 pm Operator: DN
Sample : 3E42701-07 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-10.0-11.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 13:40 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Rerun 20X

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1858802	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1370885	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	727236	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	524212	11.31 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 90.48%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	489084	11.10 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 88.80%		
39) Toluene-d8 (SU3)	12.20	98	1607666	12.57 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 100.56%		
58) 4-Bromofluorobenzene (SU4)	15.22	95	755661	13.48 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 107.84%		

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.10	85	1038	0.23 ug/L #	44
4) Chloromethane	4.39	50	8274	1.43 ug/L	91
6) Bromomethane	5.29	96	729	-1.42 ug/L	79
7) Chloroethane	5.25	64	3186	2.75 ug/L #	49
9) (F113) 1,1,2-Trichloro-tri	6.36	151	12106953	3313.18 ug/L	96
10) 1,1-Dichloroethene	6.35	96	42895	9.78 ug/L #	48
11) Acetone	6.46	58	16563	20.38 ug/L	97
12) (IPA) Leak Check Compound	6.48	45	174260	780.17 ug/L #	87
13) Carbon disulfide	6.85	76	19800	1.28 ug/L #	89
14) Methylene Chloride	7.08	84	7382	1.45 ug/L #	1
15) (TBA) tert-Butanol	6.89	59	4760	15.01 ug/L #	77
20) 2,2-Dichloropropane	8.90	77	271	0.04 ug/L #	36
24) Chloroform	9.21	83	2987	0.31 ug/L	99
25) (ETBE) 2-ethoxy 2-methyl p	8.49	59	522	0.04 ug/L #	34
31) Benzene	9.96	78	5414	0.31 ug/L #	60
32) 1,2-Dichloroethane	9.92	62	7087	1.15 ug/L #	1
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	7779	2.84 ug/L #	100
41) Toluene	12.29	91	34735	1.86 ug/L	97
42) trans-1,3-Dichloropropene	12.50	75	334	0.05 ug/L #	30
45) 1,3-Dichloropropane	12.76	76	290	0.05 ug/L #	41
46) 2-Hexanone	12.92	43	1032	0.34 ug/L #	37
51) Ethylbenzene	14.02	91	8229	0.39 ug/L #	89

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700008.D Vial: 7
Acq On : 27 May 2014 1:02 pm Operator: DN
Sample : 3E42701-07 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-10.0-11.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 13:40 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

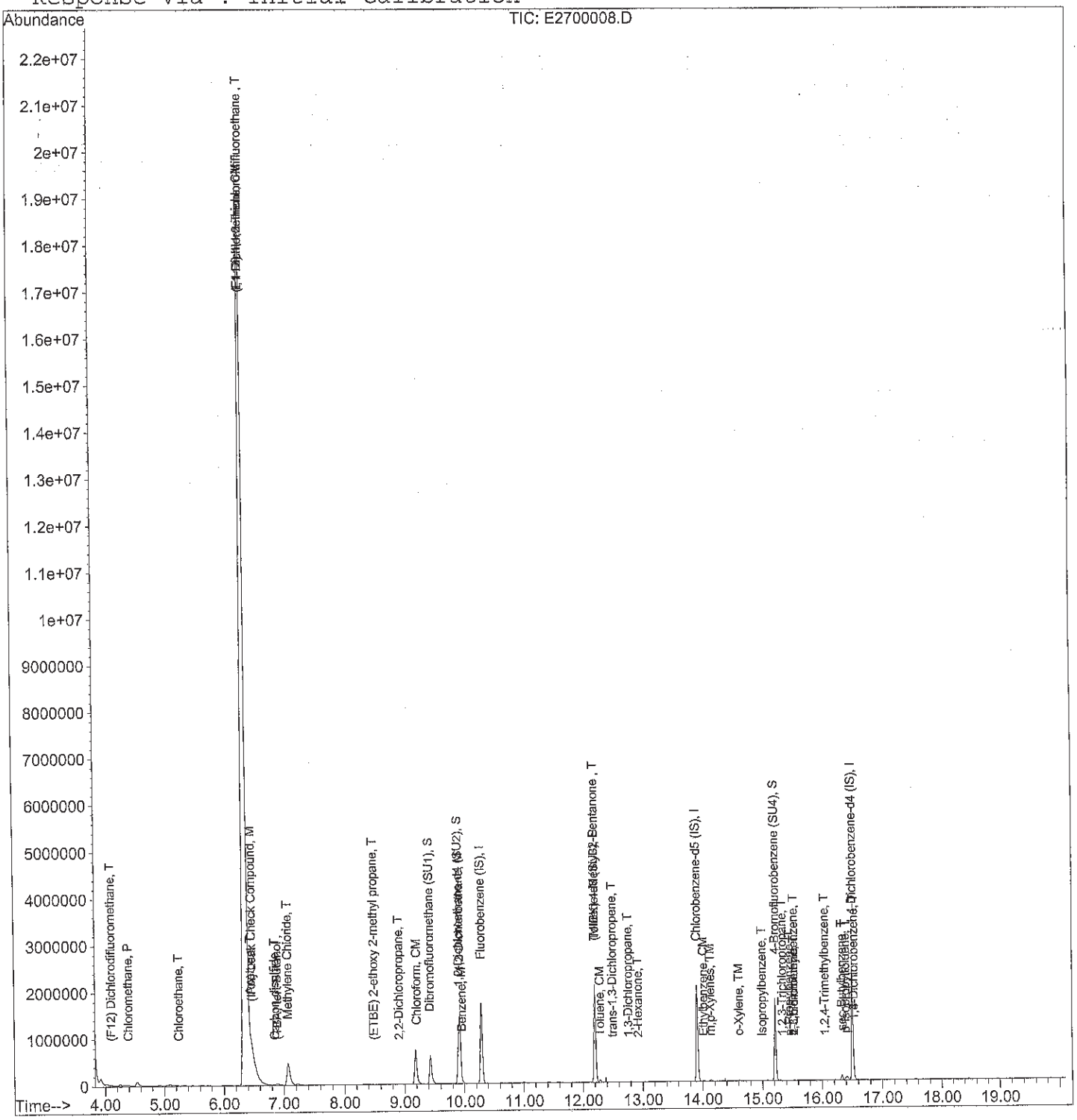
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
52) m,p-Xylenes	14.14	106	6808	0.90 ug/L	91
53) o-Xylene	14.61	106	2041	0.27 ug/L #	6
54) Styrene	14.62	104	2931	-0.60 ug/L	92
56) Isopropylbenzene	14.99	105	920	0.04 ug/L #	55
57) 1,2,3-Trichloropropane	15.34	75	283	0.05 ug/L #	36
62) n-Propylbenzene	15.46	91	1561	0.05 ug/L #	56
63) 2-Chlorotoluene	15.52	91	342	0.02 ug/L #	45
64) 1,3,5-Trimethylbenzene	15.53	105	3538	0.20 ug/L #	31
65) 4-Chlorotoluene	15.52	91	342	0.02 ug/L #	44
67) 1,2,4-Trimethylbenzene	16.05	105	1998	0.11 ug/L #	33
68) sec-Butylbenzene	16.33	105	985	0.04 ug/L #	62
69) p-Isopropyltoluene	16.38	119	693	0.03 ug/L #	52
70) 1,3-Dichlorobenzene	16.54	146	298	0.03 ug/L #	1
71) 1,4-Dichlorobenzene	16.54	146	298	0.03 ug/L #	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700008.D Vial: 7
Acq On : 27 May 2014 1:02 pm Operator: DN
Sample : 3E42701-07 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-10.0-11.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 13:40 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700009.D Vial: 8
Acq On : 27 May 2014 1:31 pm Operator: DN
Sample : 3E42701-07 Inst : GC/MS Ins
Misc : 5cc SVL-513-SA5D-SV-10.0-11.0 20X DIL Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 13:52 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1755921	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1286154	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	676173	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	486155	11.10 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	88.80%	
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	445620	10.71 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	85.68%	
39) Toluene-d8 (SU3)	12.20	98	1524962	12.71 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	101.68%	
58) 4-Bromofluorobenzene (SU4)	15.22	95	693285	13.18 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	105.44%	

Target Compounds					Qvalue
4) Chloromethane	4.39	50	2907	-0.23 ug/L #	41
6) Bromomethane	5.10	96	7029	1.86 ug/L #	55
7) Chloroethane	5.22	64	743	1.20 ug/L	96
9) (F113) 1,1,2-Trichloro-tri	6.35	151	740254	214.45 ug/L 4.289 X20	97
10) 1,1-Dichloroethene	6.35	96	1007	0.24 ug/L #	37
11) Acetone	6.47	58	11885	13.48 ug/L	94
12) (IPA) Leak Check Compound	6.46	45	142971	677.59 ug/L #	86
14) Methylene Chloride	7.08	84	6514	1.35 ug/L #	1
15) (TBA) tert-Butanol	6.89	59	2881	9.62 ug/L #	77
16) (MTBE) Methyl-t-butyl ethe	7.41	73	346	0.03 ug/L #	55
21) (MEK) 2-Butanone	8.81	72	268	0.54 ug/L #	1
24) Chloroform	9.20	83	3122	0.34 ug/L #	18
25) (ETBE) 2-ethoxy 2-methyl p	8.32	59	379	0.03 ug/L #	44
29) 1,1-Dichloropropene	9.93	75	684	0.10 ug/L #	1
31) Benzene	9.98	78	422	0.03 ug/L #	57
32) 1,2-Dichloroethane	9.92	62	6975	1.19 ug/L #	1
40) (MIBK) 4-Methyl-2-Pentanon	12.09	43	275	0.11 ug/L #	100
41) Toluene	12.28	91	3933	0.22 ug/L # 0.0046	73
44) Tetrachloroethene	12.95	164	1538	0.29 ug/L # 0.0058	85
46) 2-Hexanone	12.97	43	294	0.10 ug/L #	37
51) Ethylbenzene	14.02	91	1666	0.08 ug/L #	45
52) m,p-Xylenes	14.14	106	1022	0.14 ug/L # 0.0028	36

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700009.D Vial: 8
Acq On : 27 May 2014 1:31 pm Operator: DN
Sample : 3E42701-07 Inst : GC/MS Ins
Misc : 5cc SVL-513-SA5D-SV-10.0-11.0 20X DIL Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 13:52 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

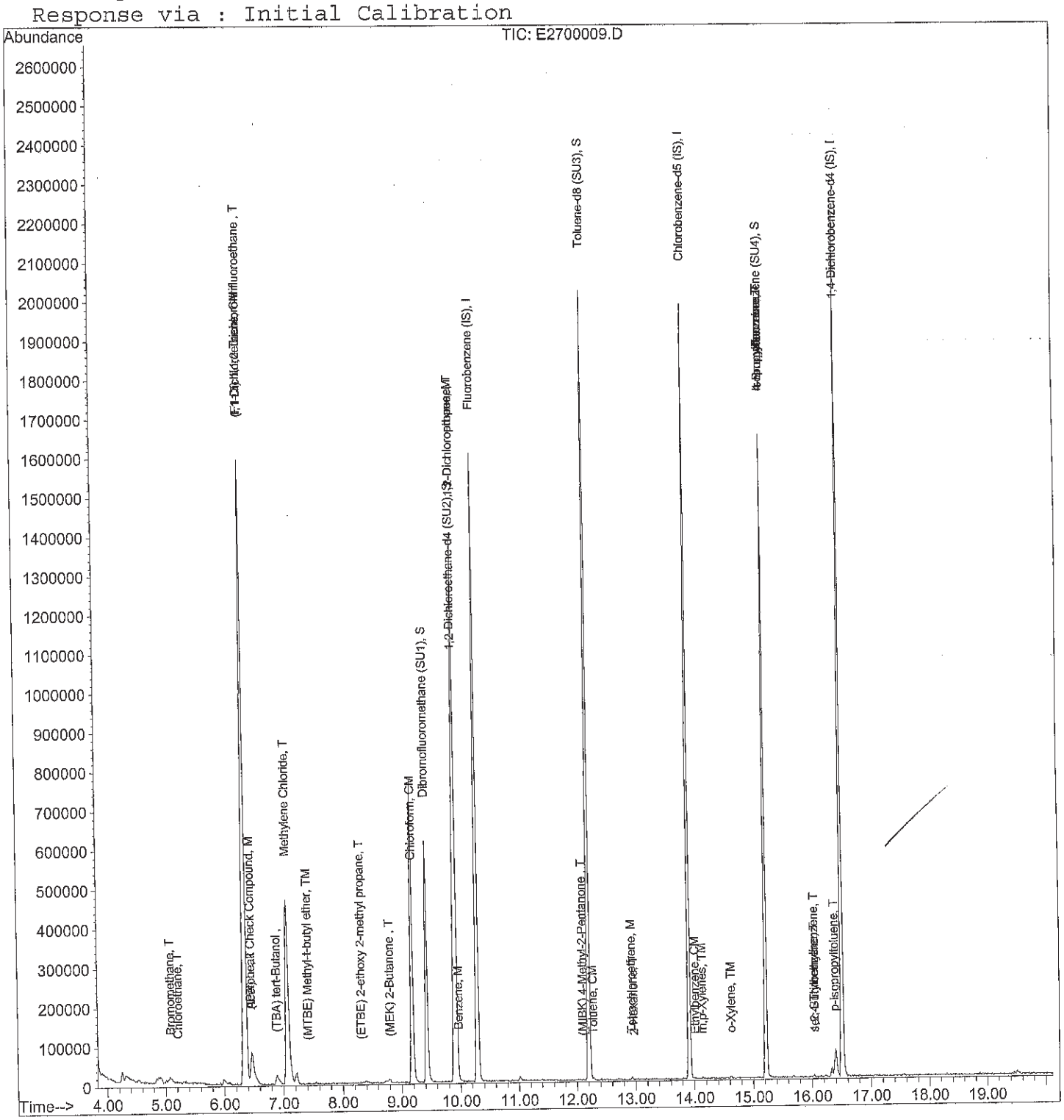
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53) o-Xylene	14.62	106	383	0.05	~~ug/L~~ # 0.001	1
54) Styrene	14.63	104	1413	-0.74	~~ug/L~~ # NSV	59
56) Isopropylbenzene	15.22	105	1782	0.09	~~ug/L~~ #	1
62) n-Propylbenzene	15.22	91	2267	0.08	~~ug/L~~ #	56
67) 1,2,4-Trimethylbenzene	16.05	105	994	0.06	~~ug/L~~ #	33
68) sec-Butylbenzene	16.05	105	994	0.04	~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	316	0.02	~~ug/L~~ #	52

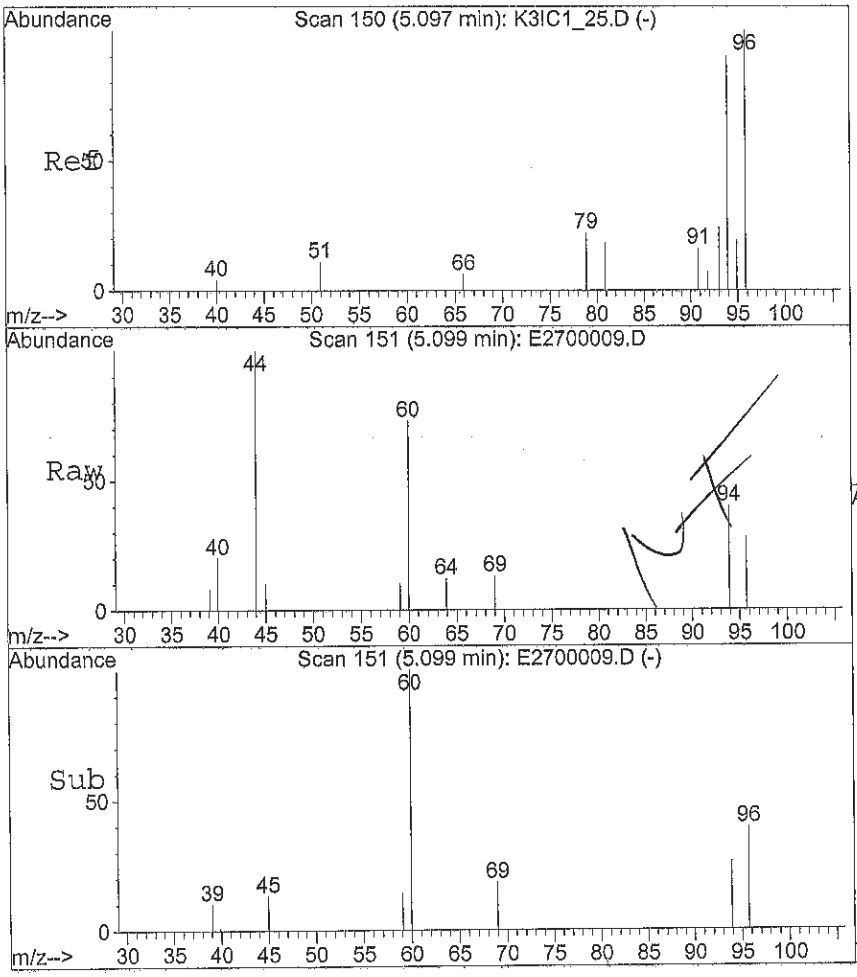
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700009.D Vial: 8
Acq On : 27 May 2014 1:31 pm Operator: DN
Sample : 3E42701-07 Inst : GC/MS Ins
Misc : 5cc SVL-513-SA5D-SV-10.0-11.0 20X DIL Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 13:52 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

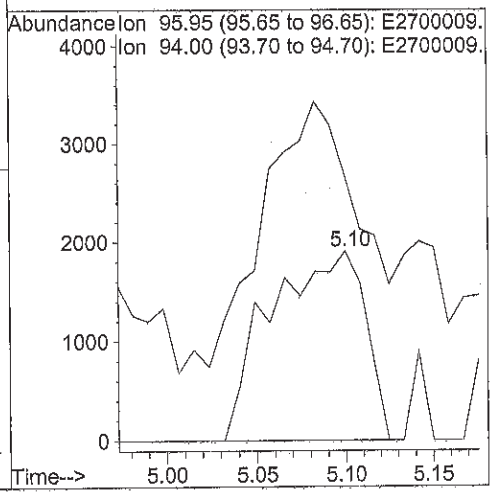


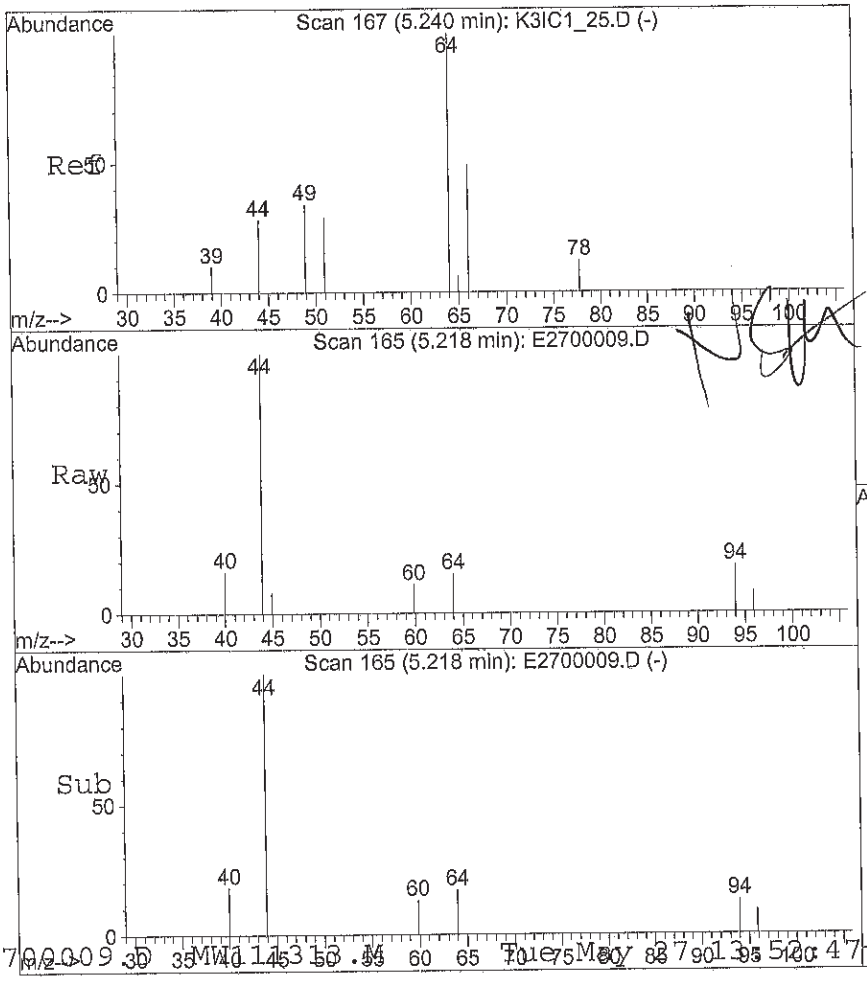


#6
Bromomethane
Concen: 1.86 ug/L
RT: 5.10 min Scan# 151
Delta R.T. 0.00 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 96 Resp: 7029

Ion	Ratio	Lower	Upper
96	100		
94	177.6	101.0	151.4#

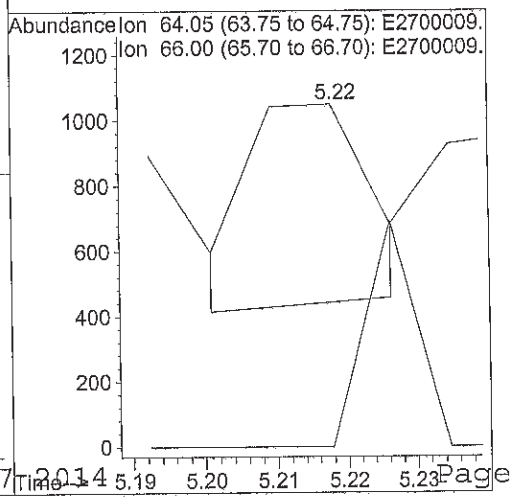


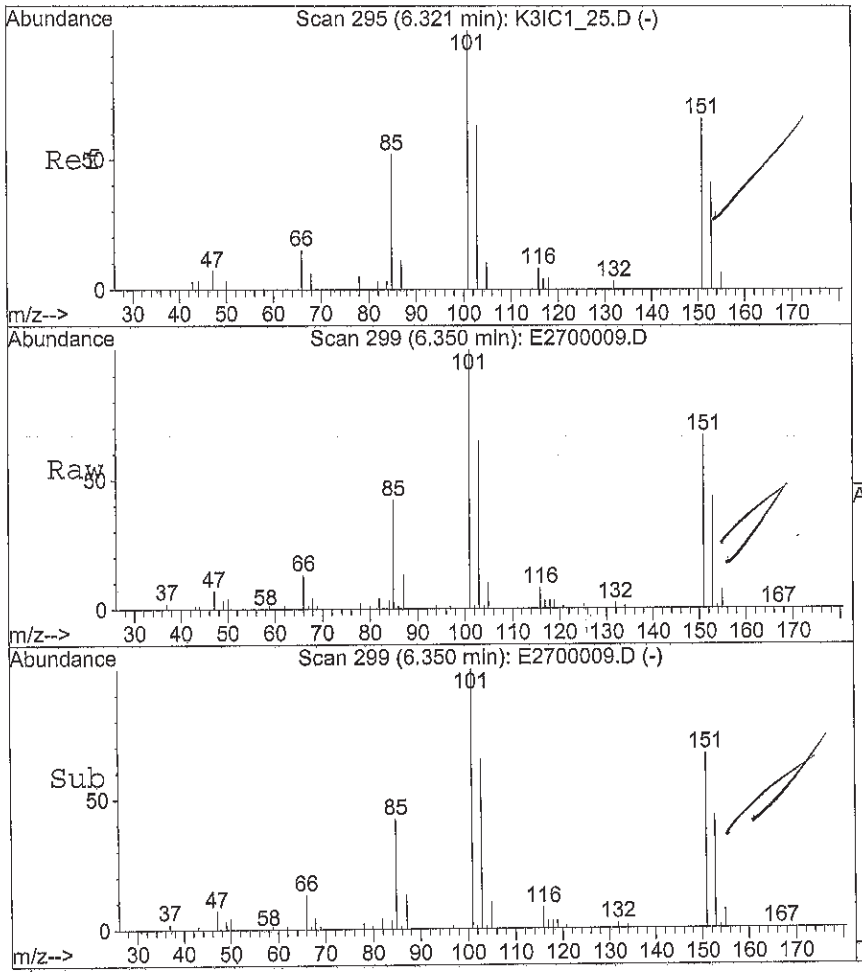


#7
Chloroethane
Concen: 1.20 ug/L
RT: 5.22 min Scan# 165
Delta R.T. -0.02 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 64 Resp: 743

Ion	Ratio	Lower	Upper
64	100		
66	47.1	35.4	53.0

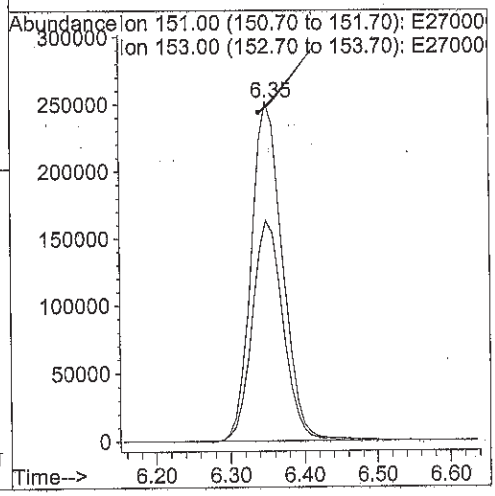


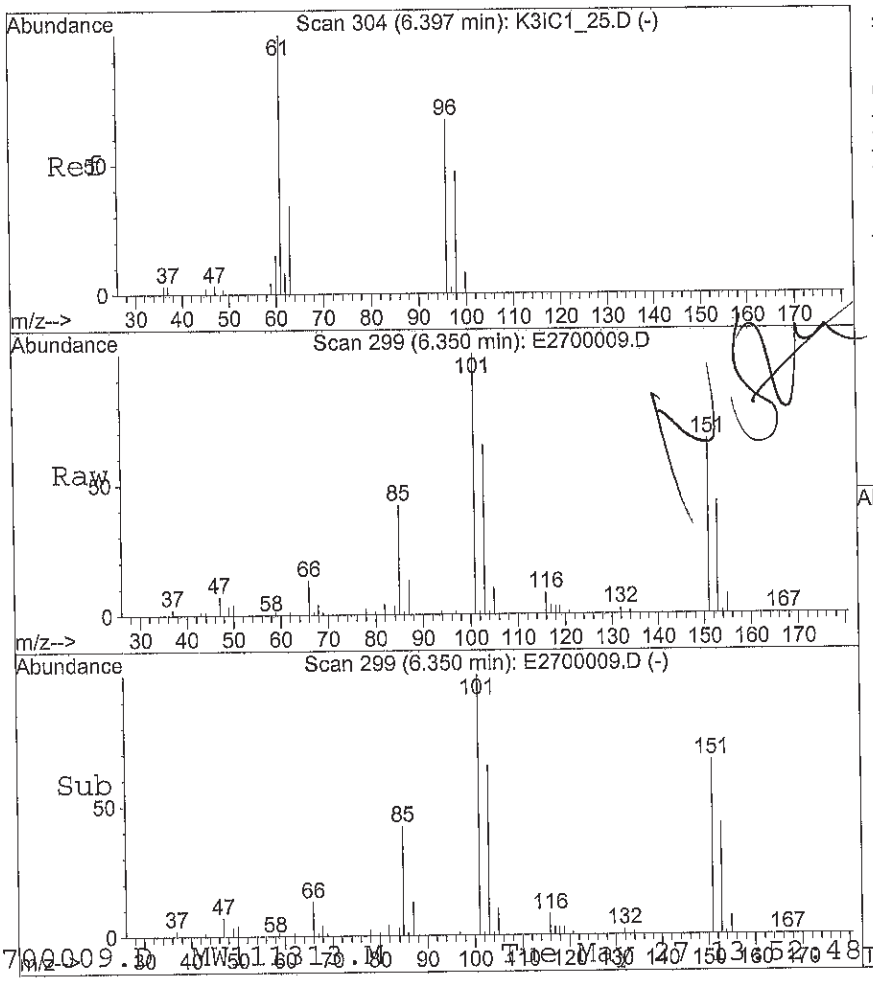


#9
(F113) 1,1,2-Trichloro-trifluor
Concen: 214.45 ug/L
RT: 6.35 min Scan# 299
Delta R.T. 0.03 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion:151 Resp: 740254

Ion	Ratio	Lower	Upper
151	100		
153	64.2	49.6	74.4

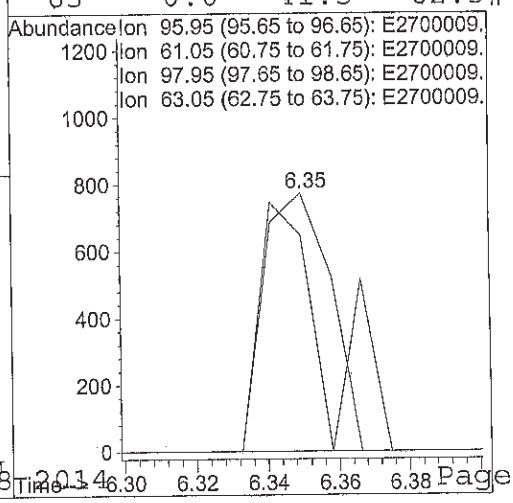


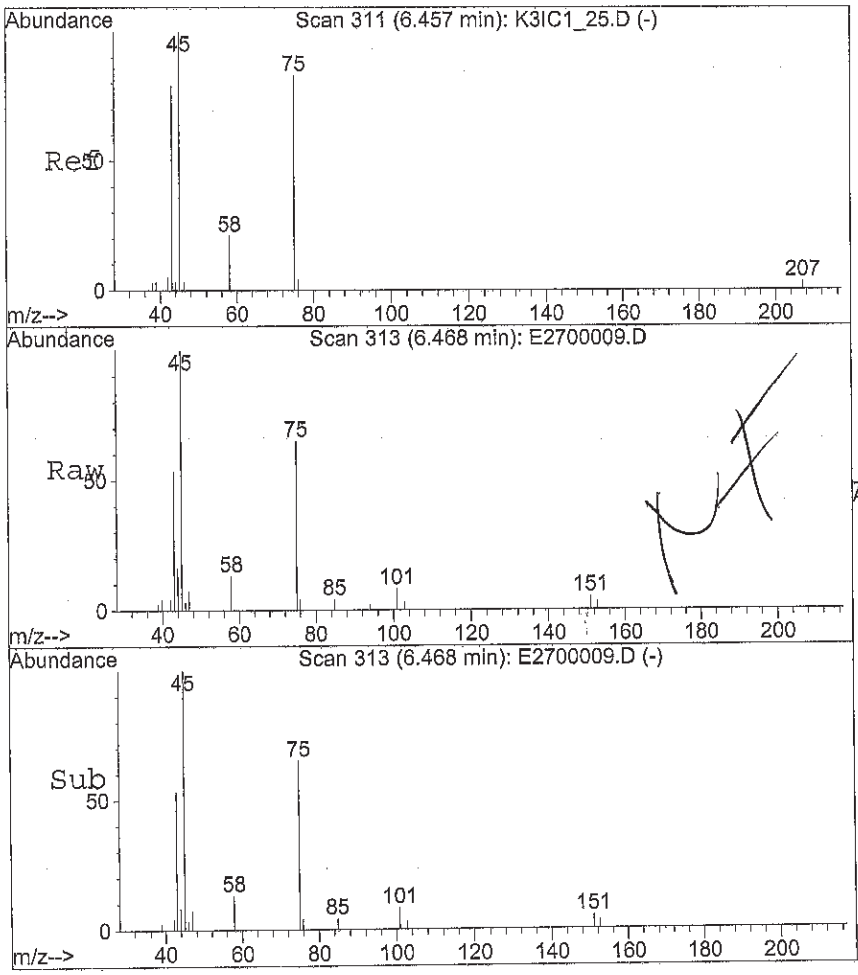


#10
1,1-Dichloroethene
Concen: 0.24 ug/L
RT: 6.35 min Scan# 299
Delta R.T. -0.05 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 96 Resp: 1007

Ion	Ratio	Lower	Upper
96	100		
61	96.0	130.0	195.0#
98	0.0	56.2	84.4#
63	0.0	41.5	62.3#

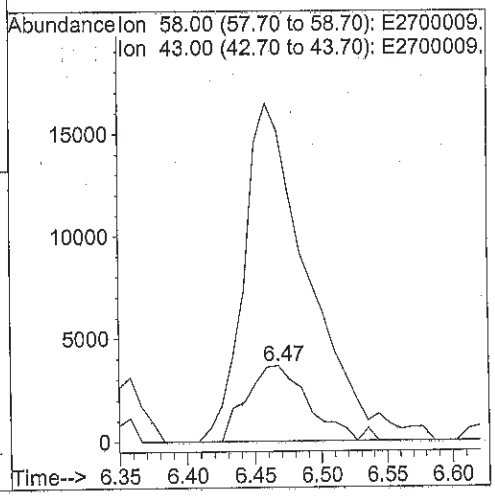


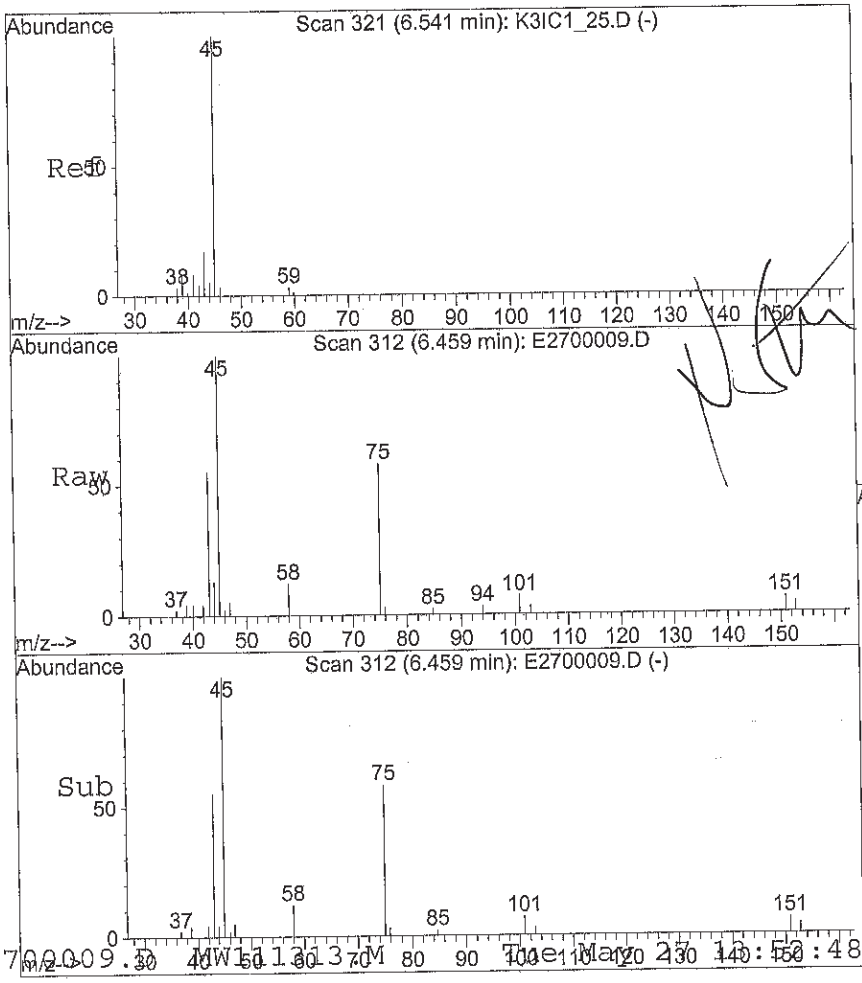


#11
Acetone
Concen: 13.48 ug/L
RT: 6.47 min Scan# 313
Delta R.T. 0.01 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 58 Resp: 11885

Ion	Ratio	Lower	Upper
58	100		
43	466.2	360.9	541.3

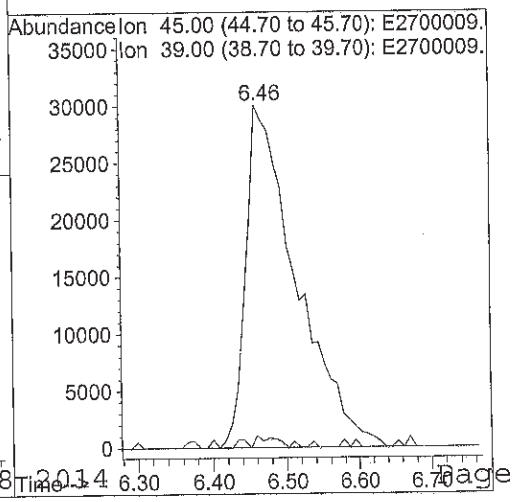


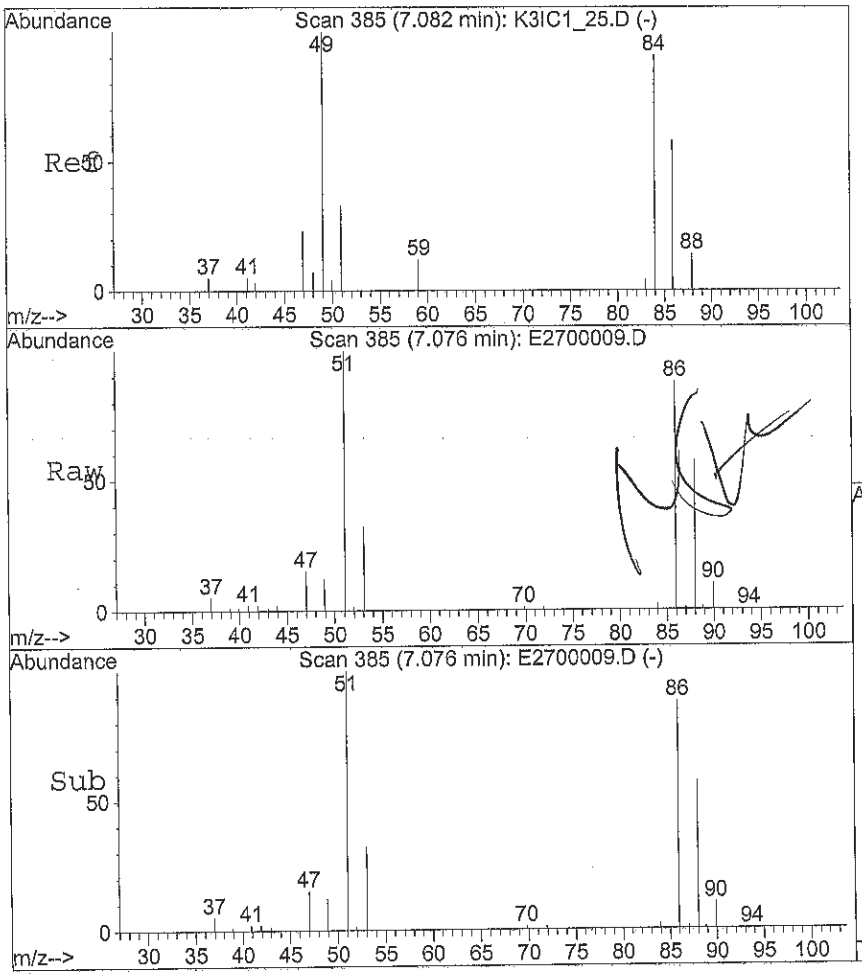


#12
(IPA) Leak Check Compound
Concen: 677.59 ug/L
RT: 6.46 min Scan# 312
Delta R.T. -0.08 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 45 Resp: 142971

Ion	Ratio	Lower	Upper
45	100		
39	1.5	4.9	7.3#

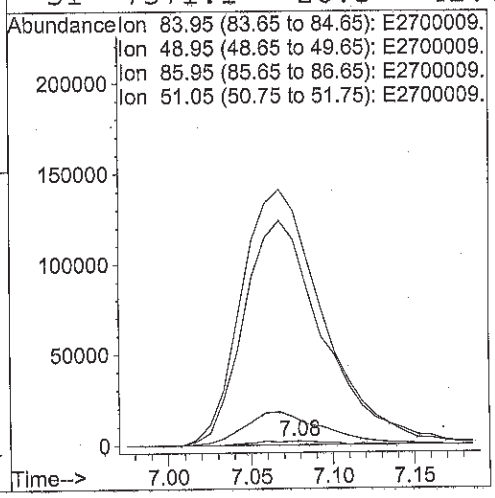


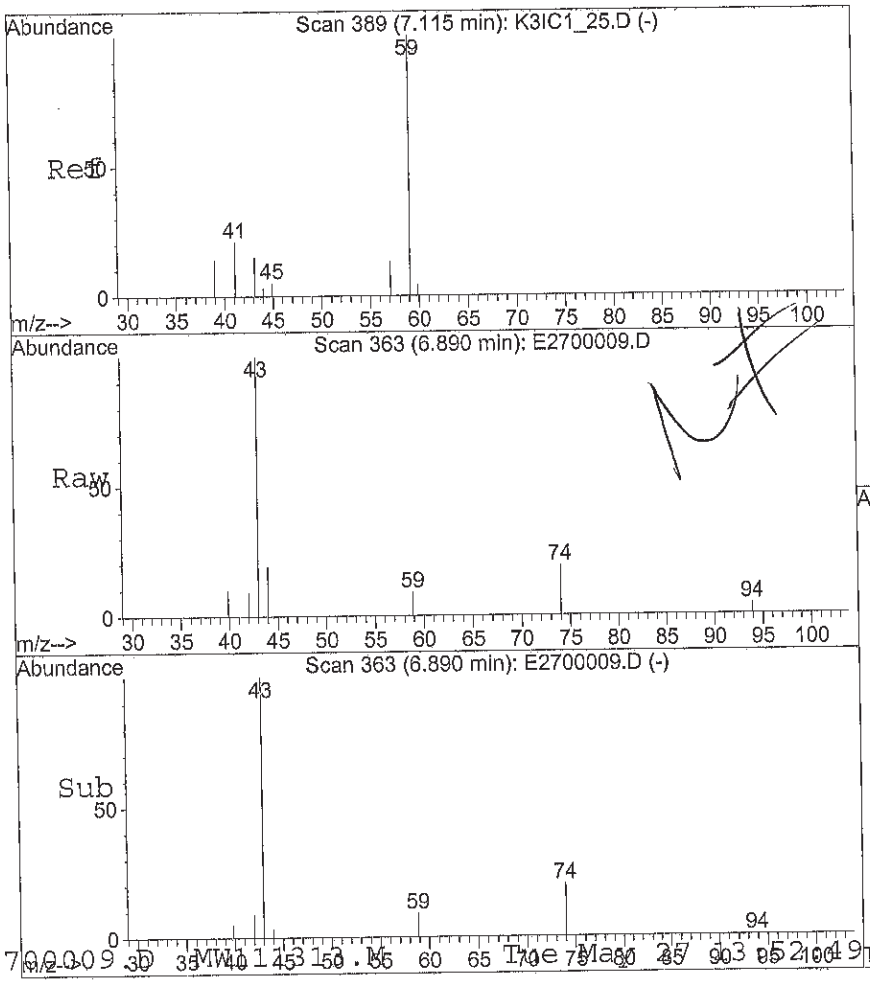


#14
Methylene Chloride
Concen: 1.35 ug/L
RT: 7.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 84 Resp: 6514

Ion	Ratio	Lower	Upper
84	100		
49	927.9	89.8	134.6#
86	6419.1	51.1	76.7#
51	7571.1	28.5	42.7#

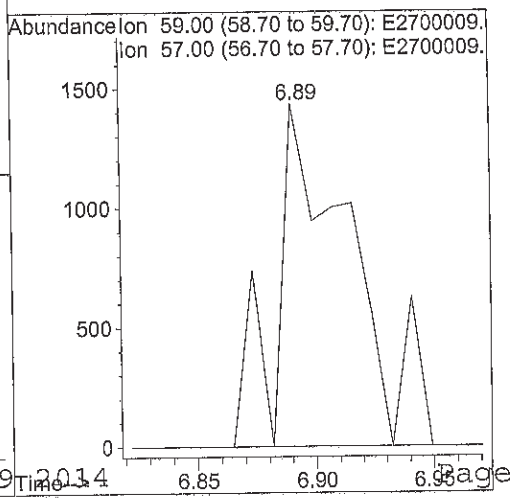


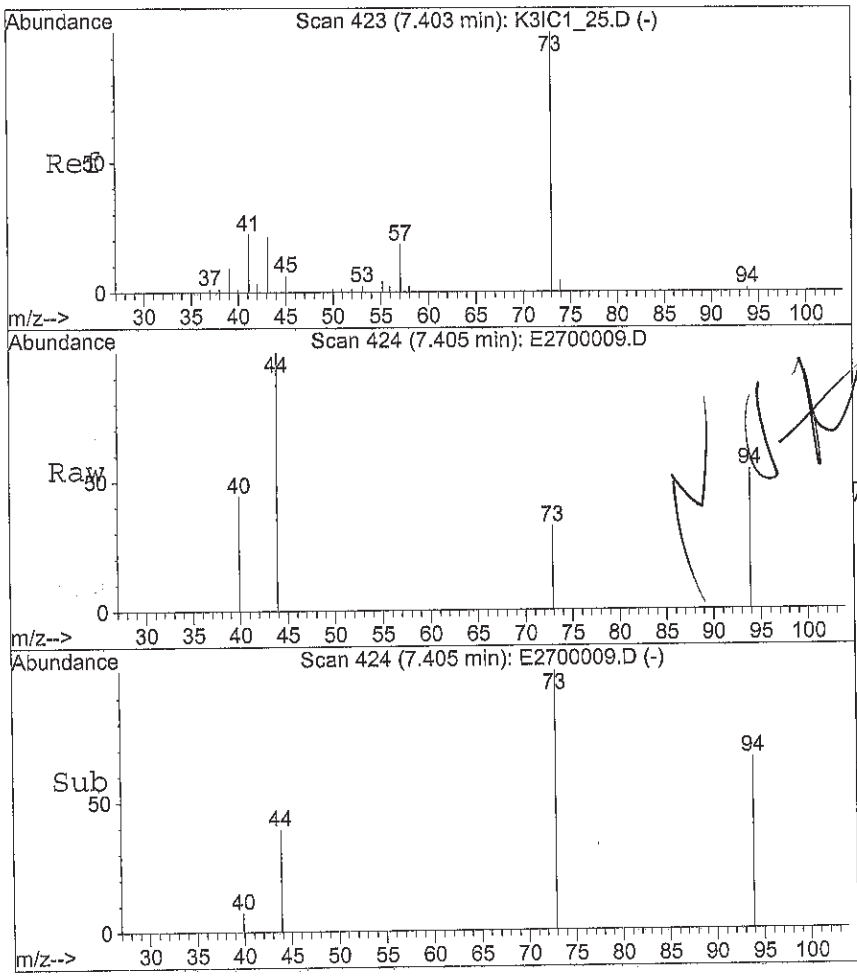


#15
(TBA) tert-Butanol
Concen: 9.62 ug/L
RT: 6.89 min Scan# 363
Delta R.T. -0.23 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 59 Resp: 2881

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

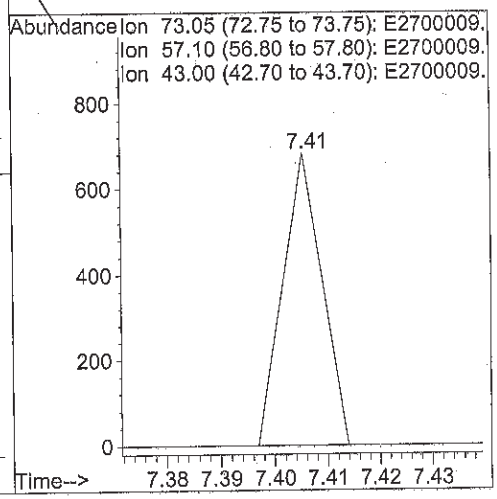


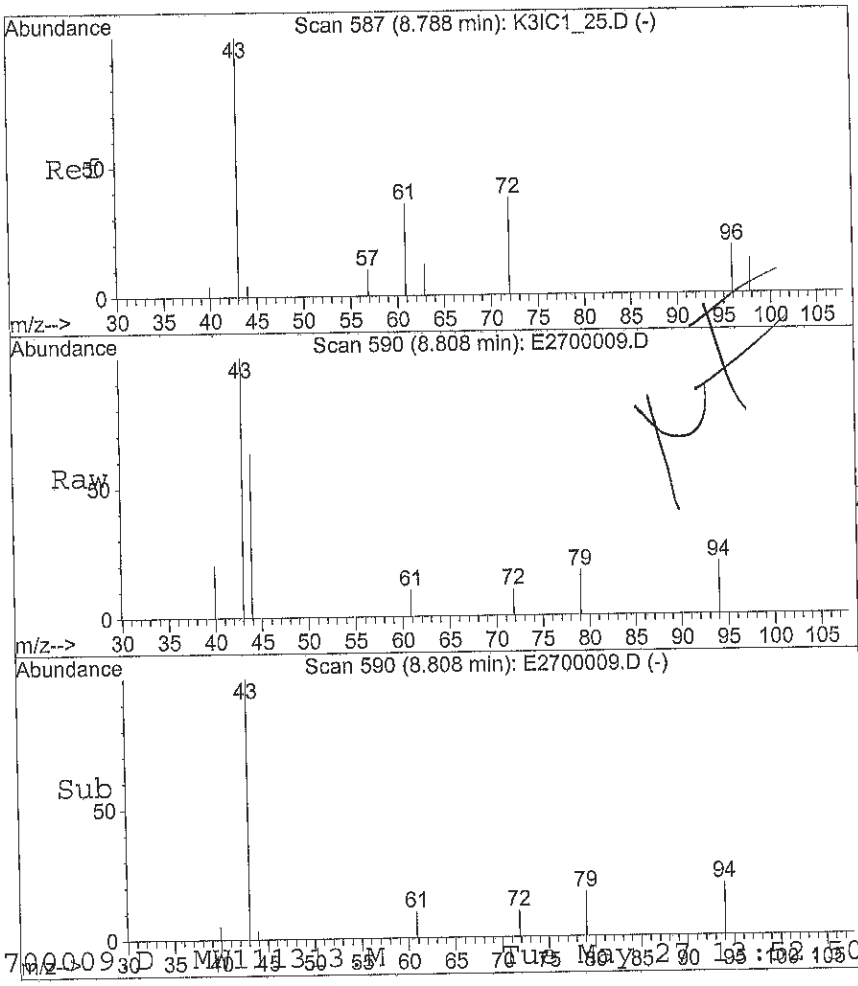


#16
(MTBE) Methyl-t-butyl ether
Concen: 0.03 ug/L
RT: 7.41 min Scan# 424
Delta R.T. 0.00 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 73 Resp: 346

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.8	23.8#
43	0.0	18.4	27.6#

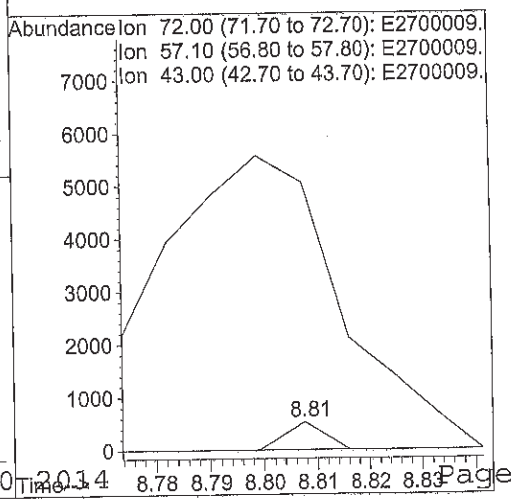


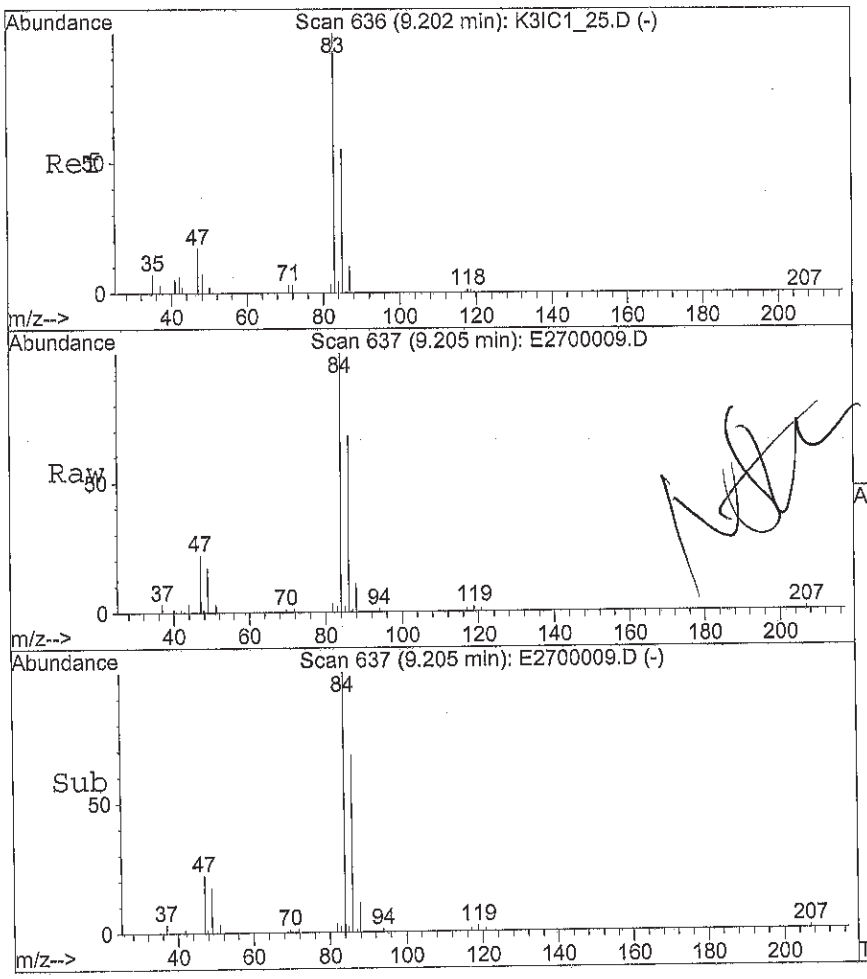


#21
(MEK) 2-Butanone
Concen: 0.54 ug/L
RT: 8.81 min Scan# 590
Delta R.T. 0.02 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 72 Resp: 268

Ion	Ratio	Lower	Upper
72	100		
57	0.0	17.5	26.3#
43	5032.1	314.2	471.2#

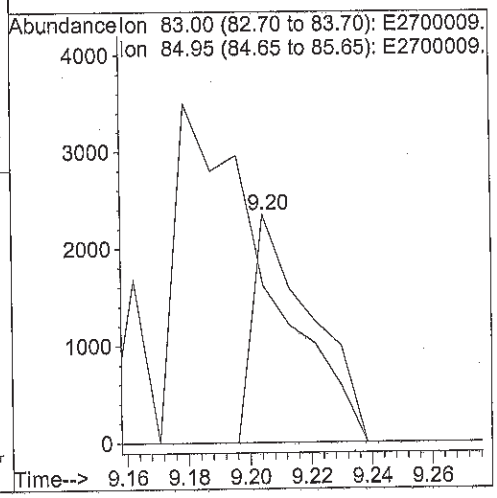


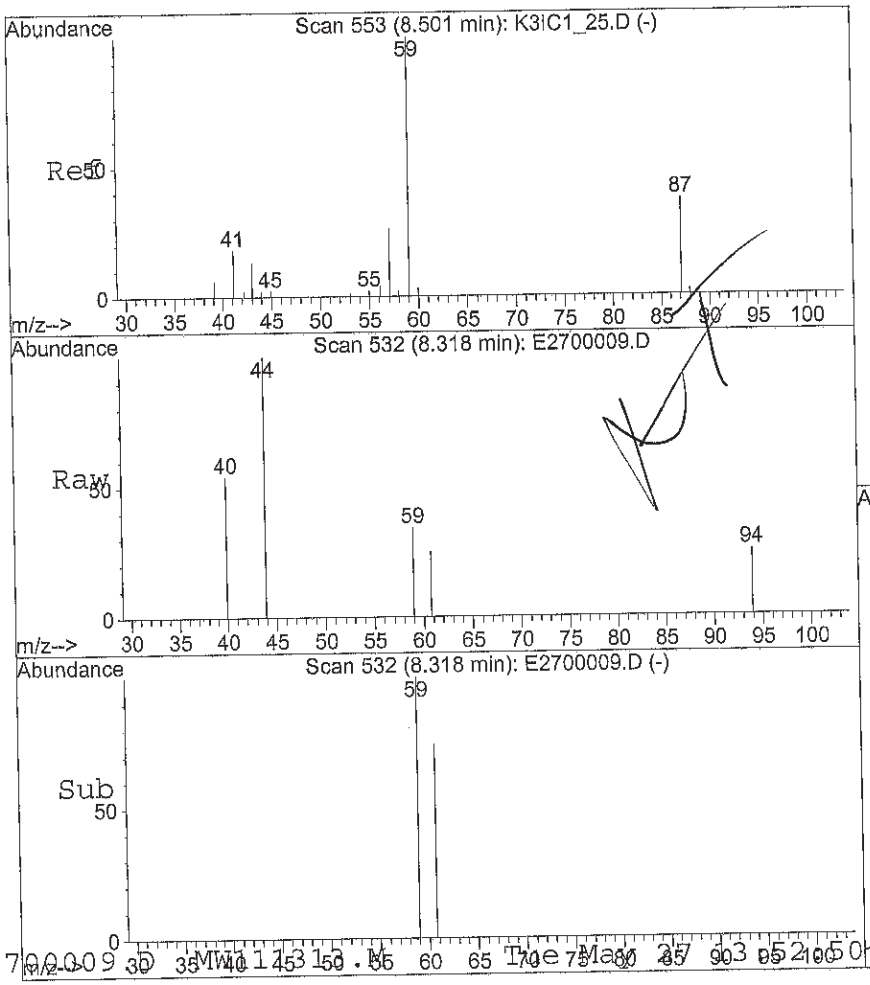


#24
Chloroform
Concen: 0.34 ug/L
RT: 9.20 min Scan# 637
Delta R.T. 0.00 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 83 Resp: 3122

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

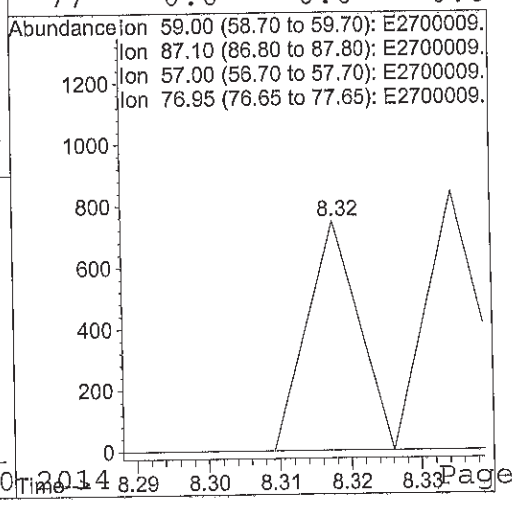


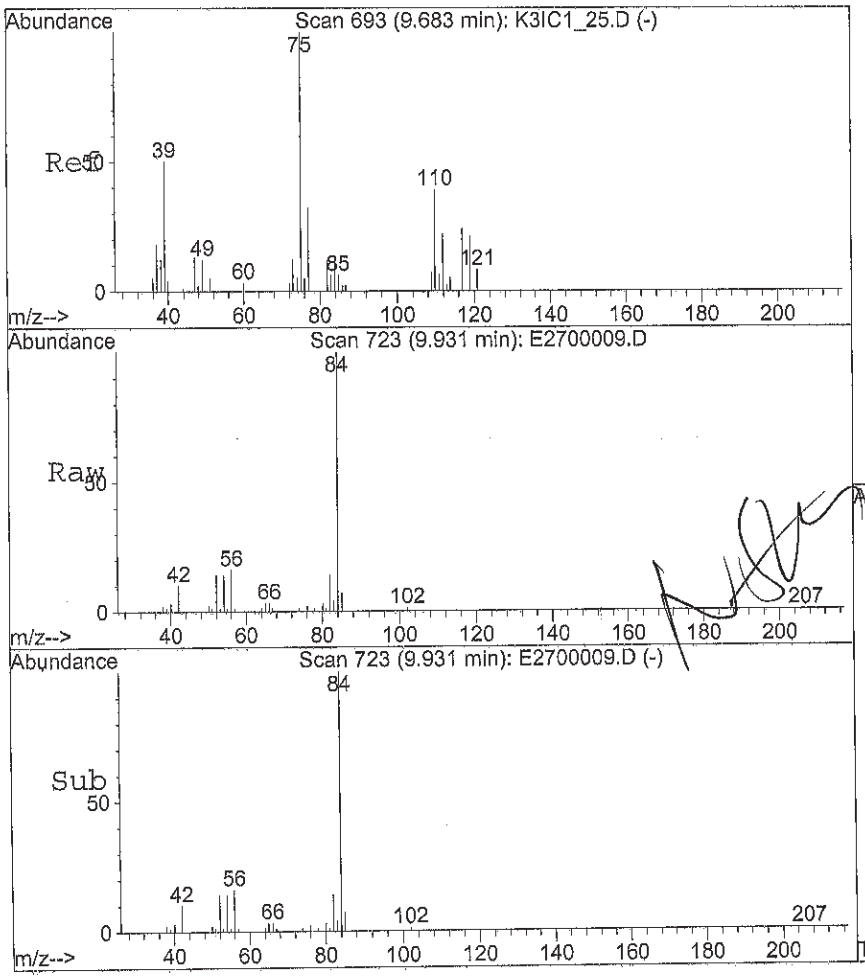


#25
(ETBE) 2-ethoxy 2-methyl propan
Concen: 0.03 ug/L
RT: 8.32 min Scan# 532
Delta R.T. -0.18 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 59 Resp: 379

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

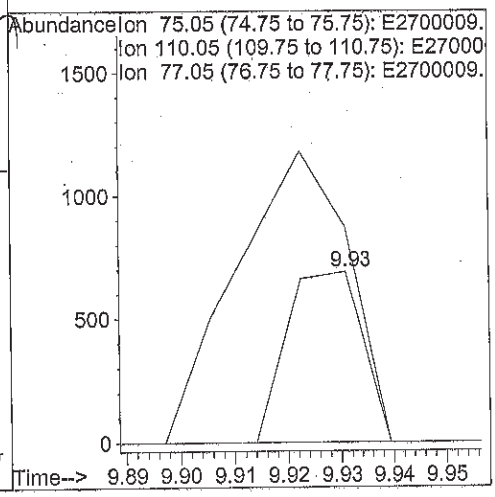


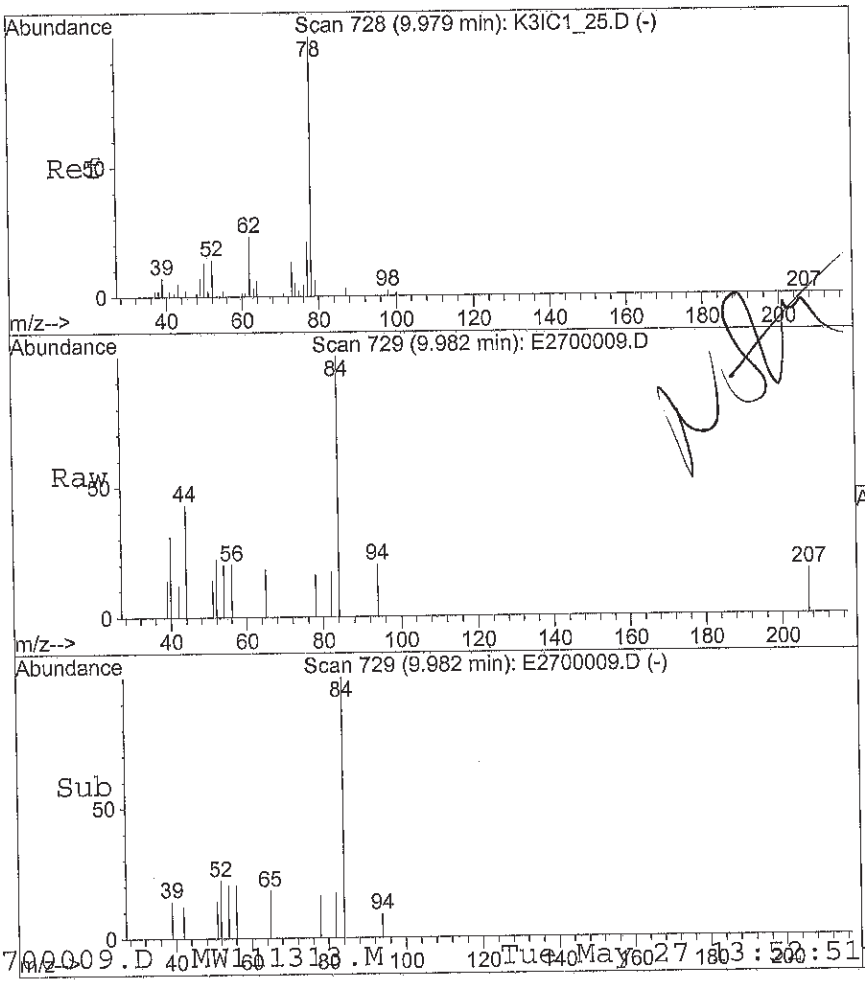


#29
1,1-Dichloropropene
Concen: 0.10 ug/L
RT: 9.93 min Scan# 723
Delta R.T. 0.25 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 75 Resp: 684

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	251.5	25.0	37.4#

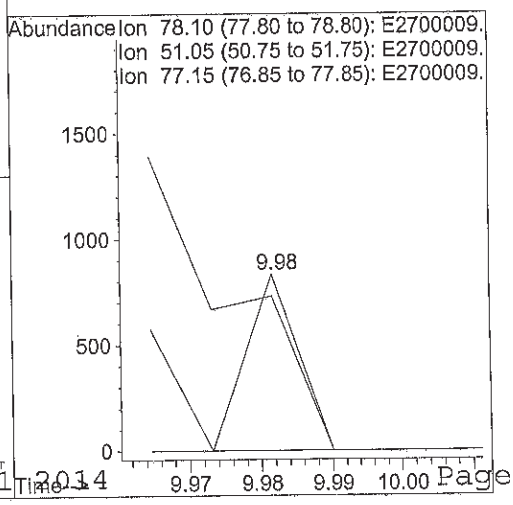


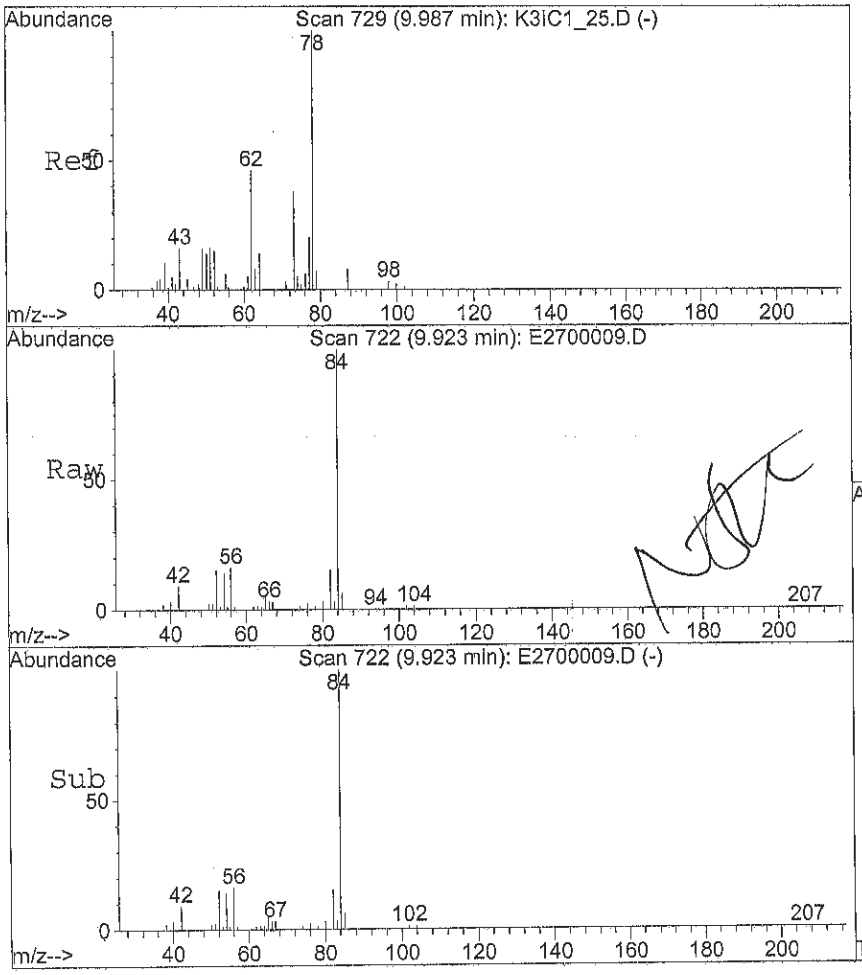


#31
Benzene
Concen: 0.03 ug/L
RT: 9.98 min Scan# 729
Delta R.T. 0.00 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 78 Resp: 422

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	0.0	16.6	24.8#

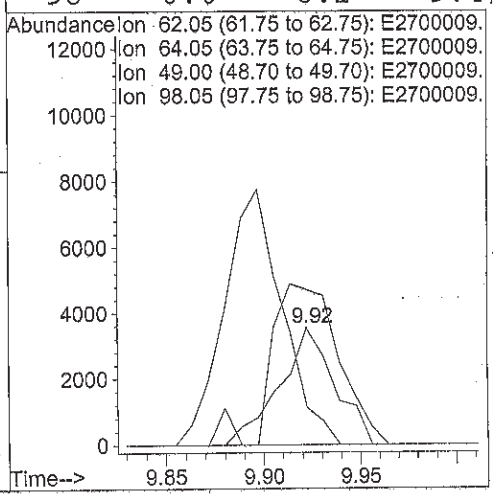


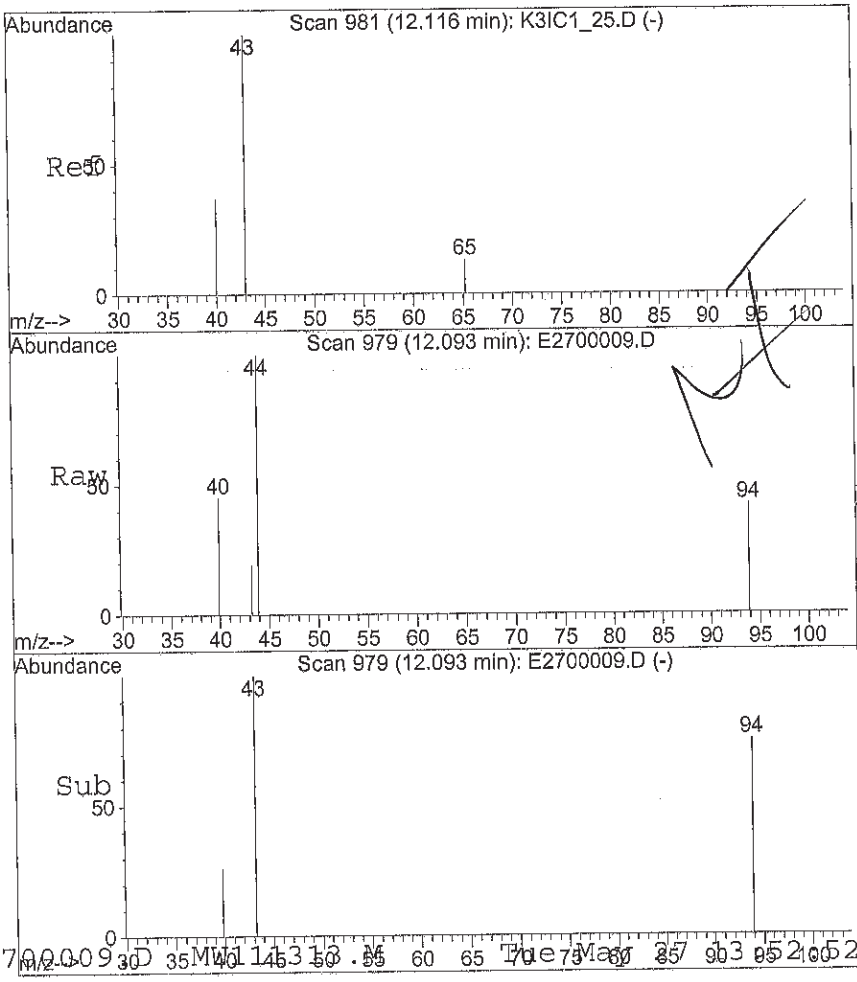


#32
1,2-Dichloroethane
Concen: 1.19 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 62 Resp: 6975

Ion	Ratio	Lower	Upper
62	100		
64	168.6	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

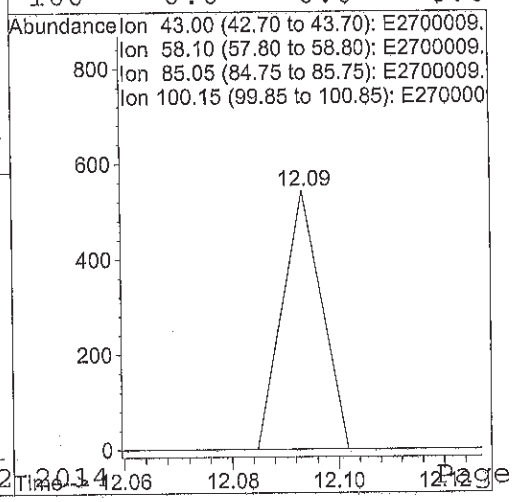


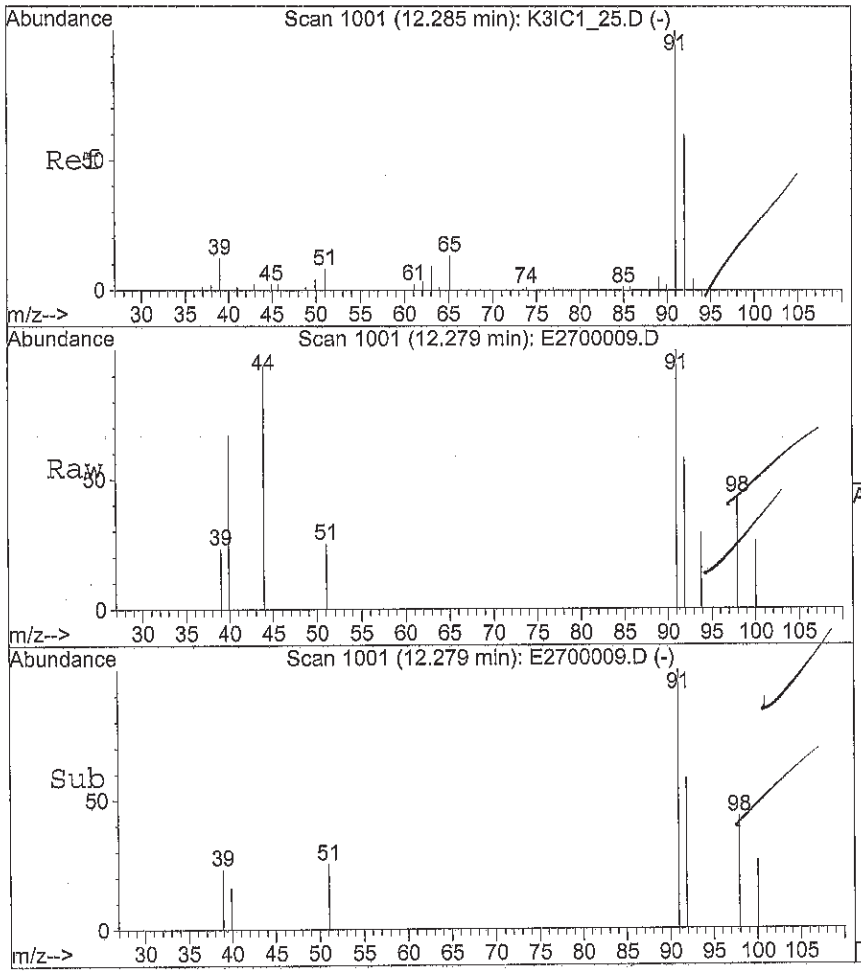


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 0.11 ug/L
RT: 12.09 min Scan# 979
Delta R.T. -0.02 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 43 Resp: 275

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	0.0
85	0.0	0.0	0.0
100	0.0	0.0	0.0

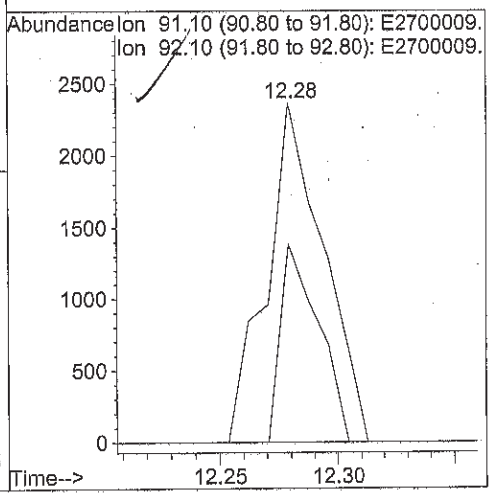


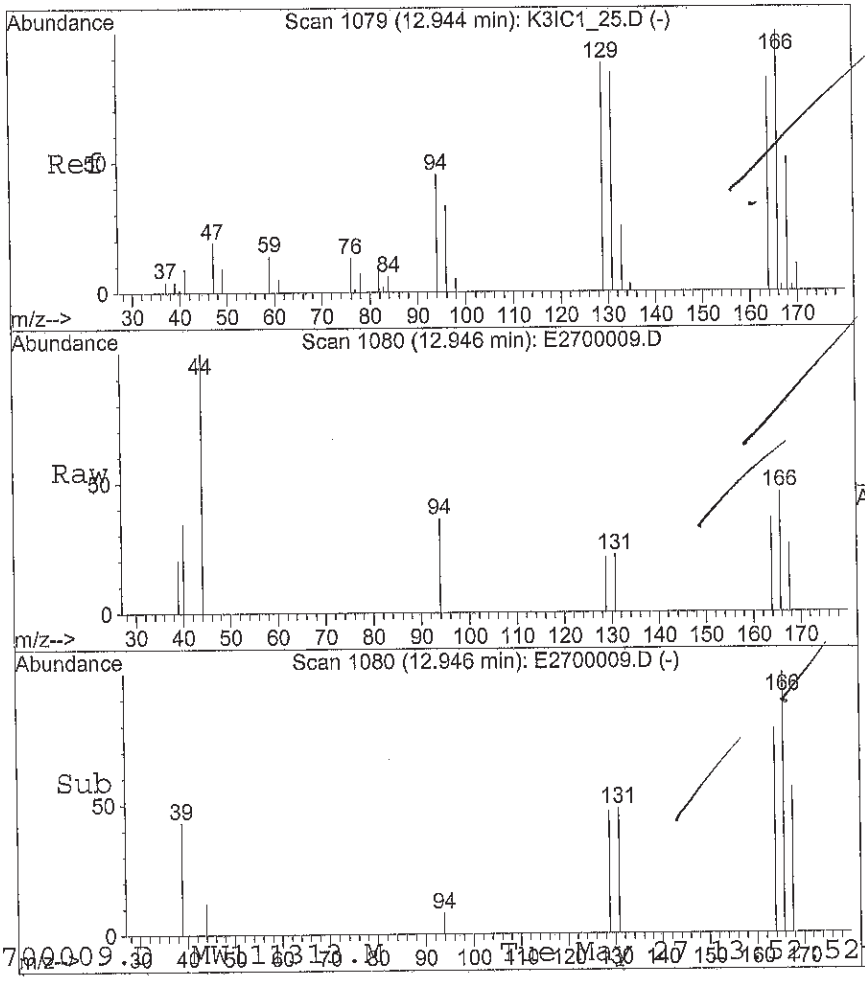


#41
Toluene
Concen: 0.22 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. -0.01 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 91 Resp: 3933

Ion	Ratio	Lower	Upper
91	100		
92	39.1	47.4	71.0#

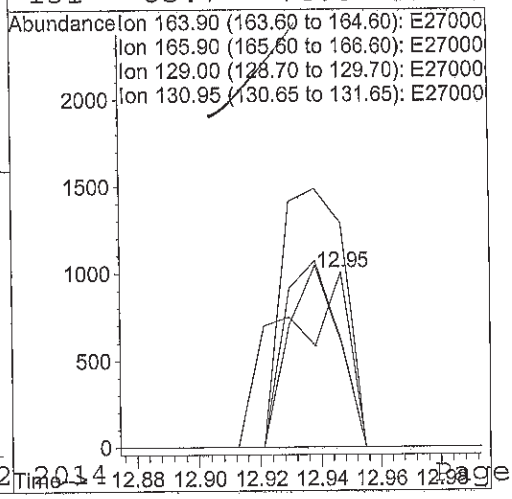


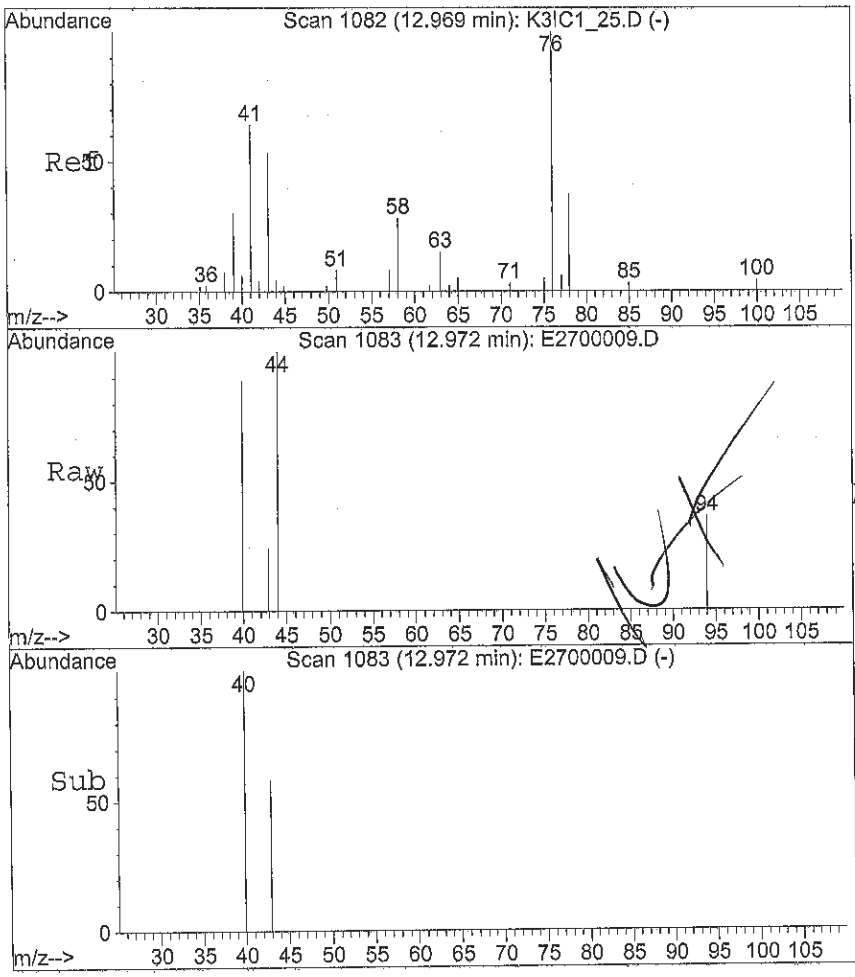


#44
Tetrachloroethene
Concen: 0.29 ug/L
RT: 12.95 min Scan# 1080
Delta R.T. 0.00 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion:164 Resp: 1538

Ion	Ratio	Lower	Upper
164	100		
166	138.0	100.2	150.4
129	77.4	82.3	123.5#
131	85.7	74.8	112.2

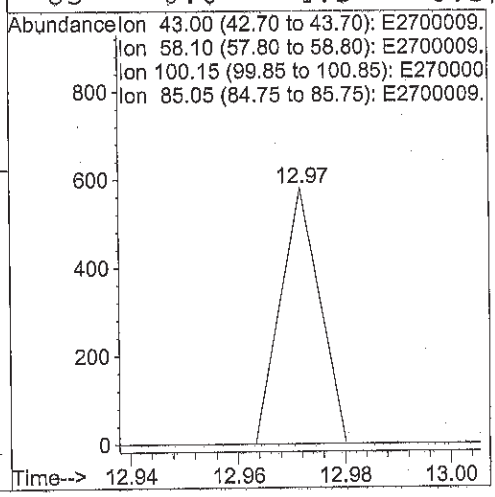


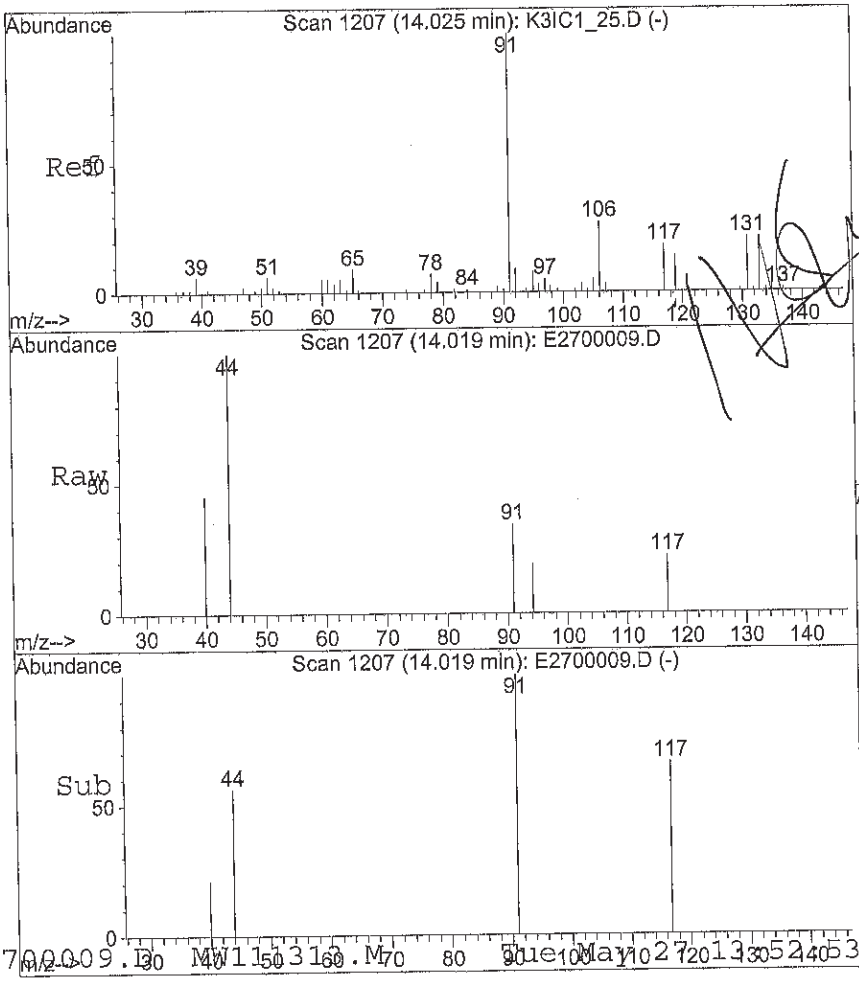


#46
2-Hexanone
Concen: 0.10 ug/L
RT: 12.97 min Scan# 1083
Delta R.T. 0.00 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 43 Resp: 294

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

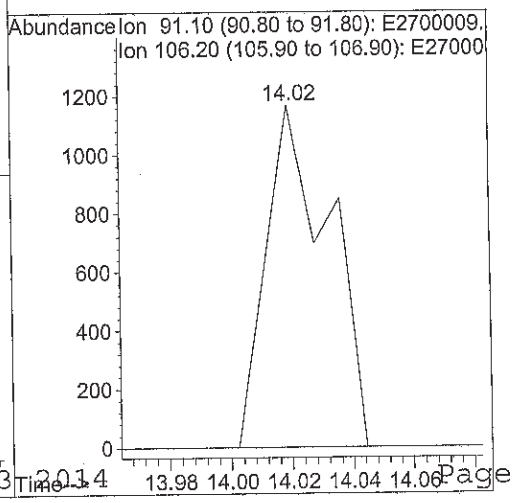


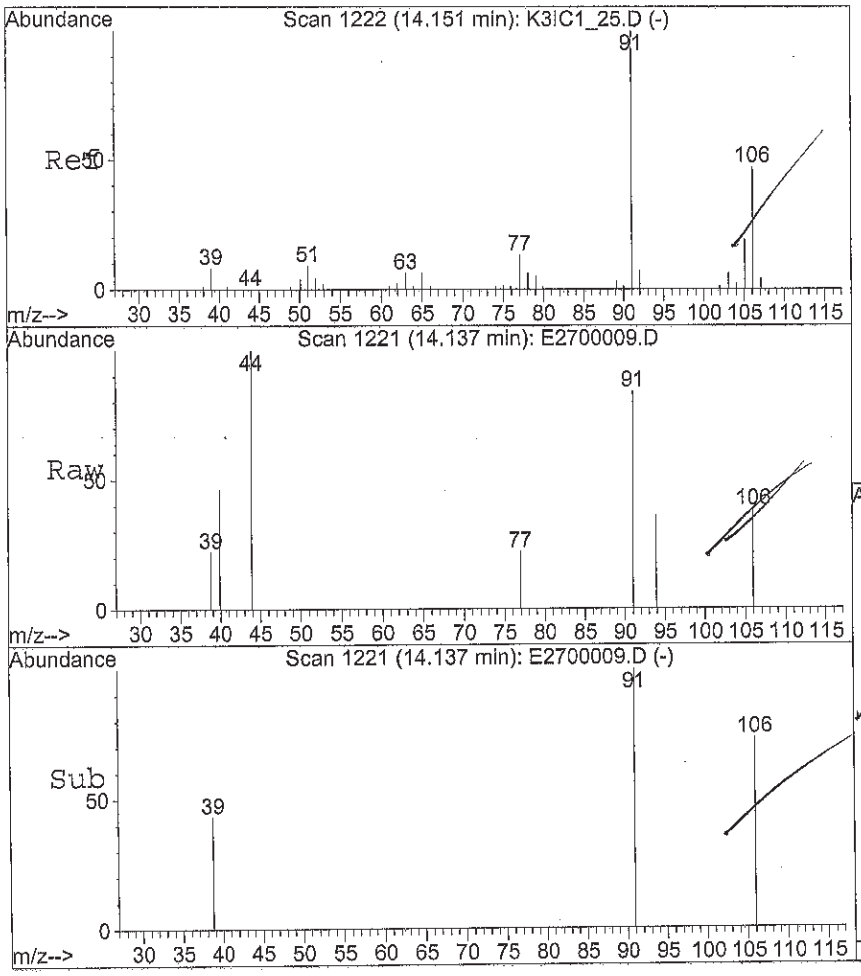


#51
Ethylbenzene
Concen: 0.08 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.01 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 91 Resp: 1666

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

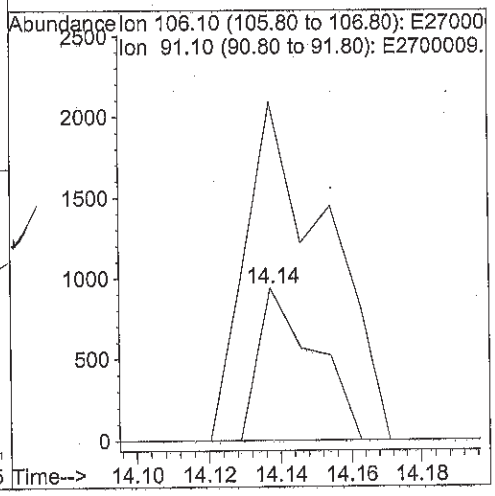


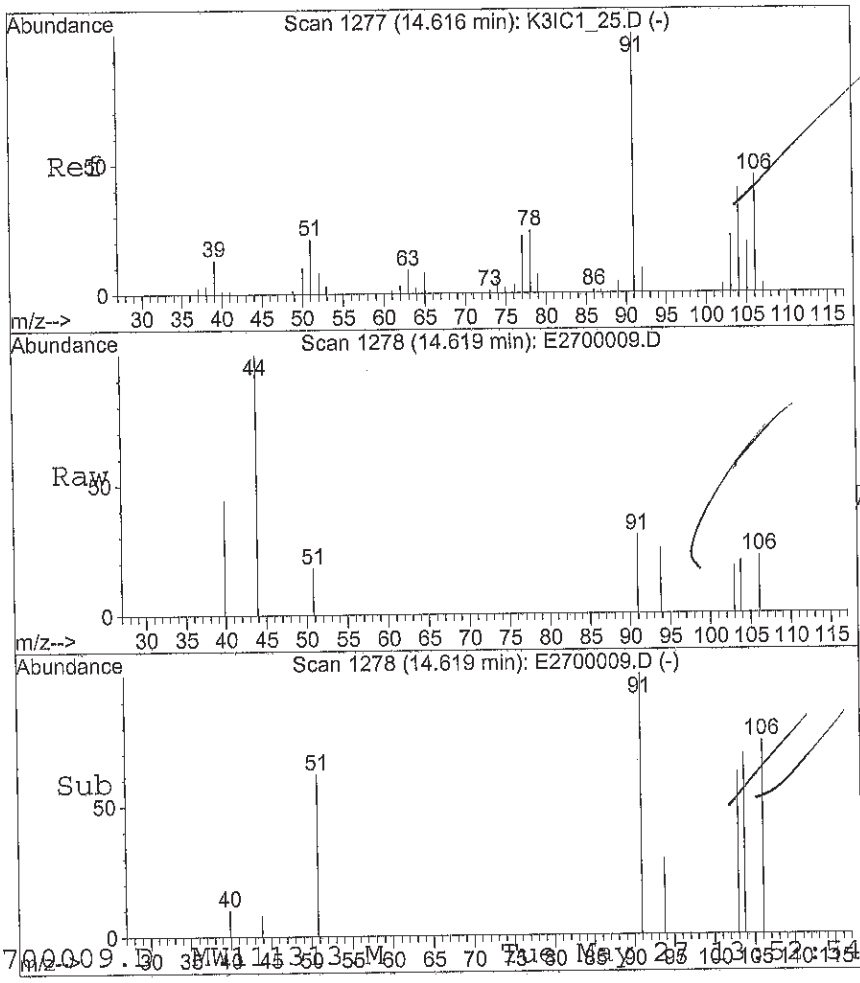


#52
m,p-Xylenes
Concen: 0.14 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion:106 Resp: 1022

Ion	Ratio	Lower	Upper
106	100		
91	324.8	177.1	265.7#

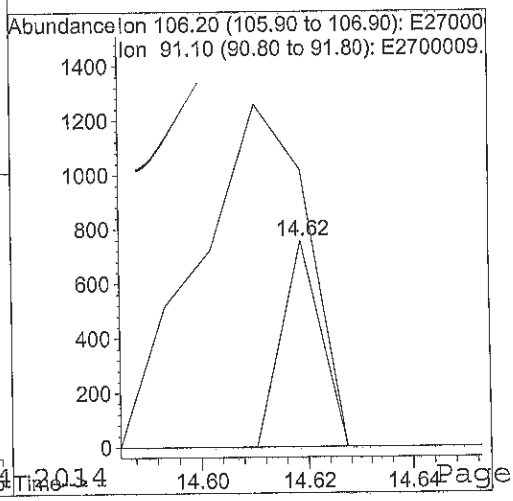


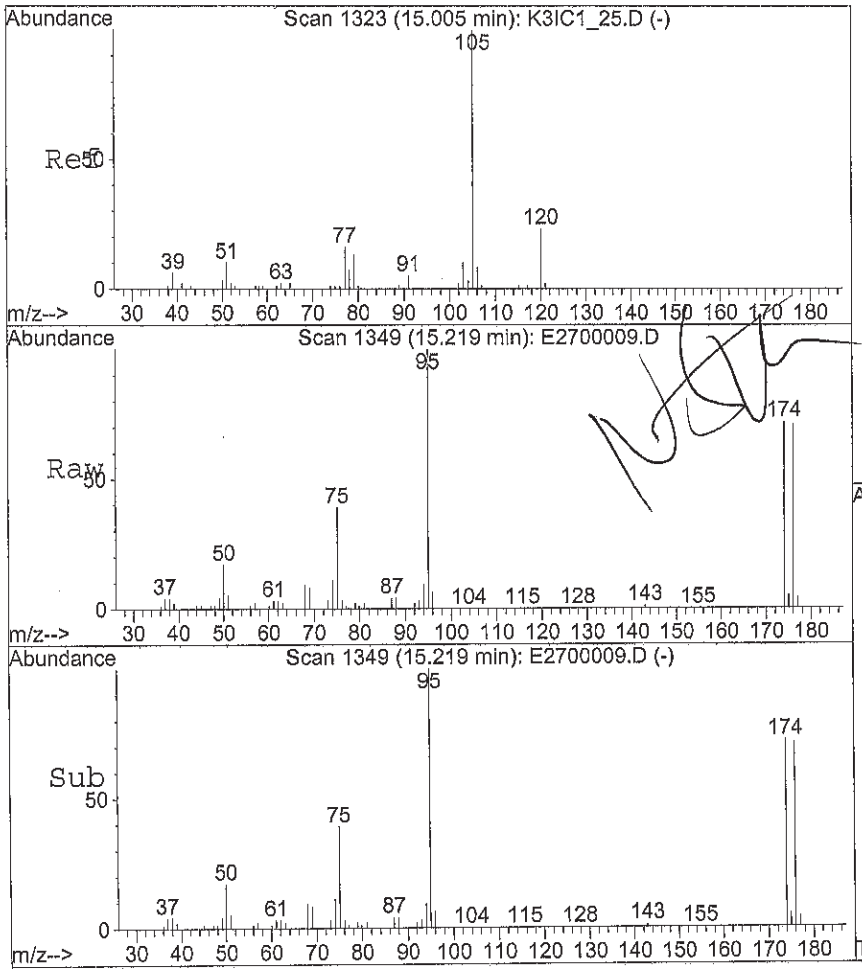


#53
o-Xylene
Concen: 0.05 ug/L
RT: 14.62 min Scan# 1278
Delta R.T. 0.00 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion:106 Resp: 383

Ion	Ratio	Lower	Upper
106	100		
91	464.5	179.0	268.6#

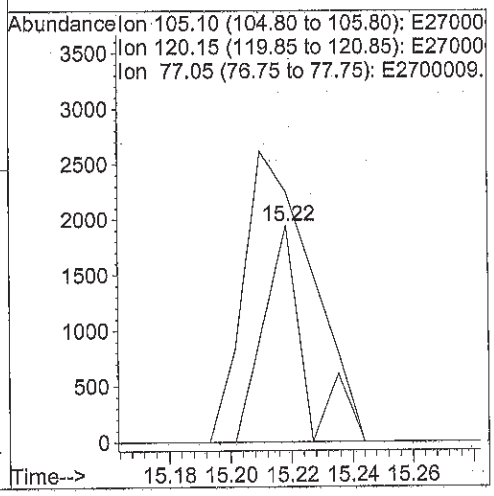


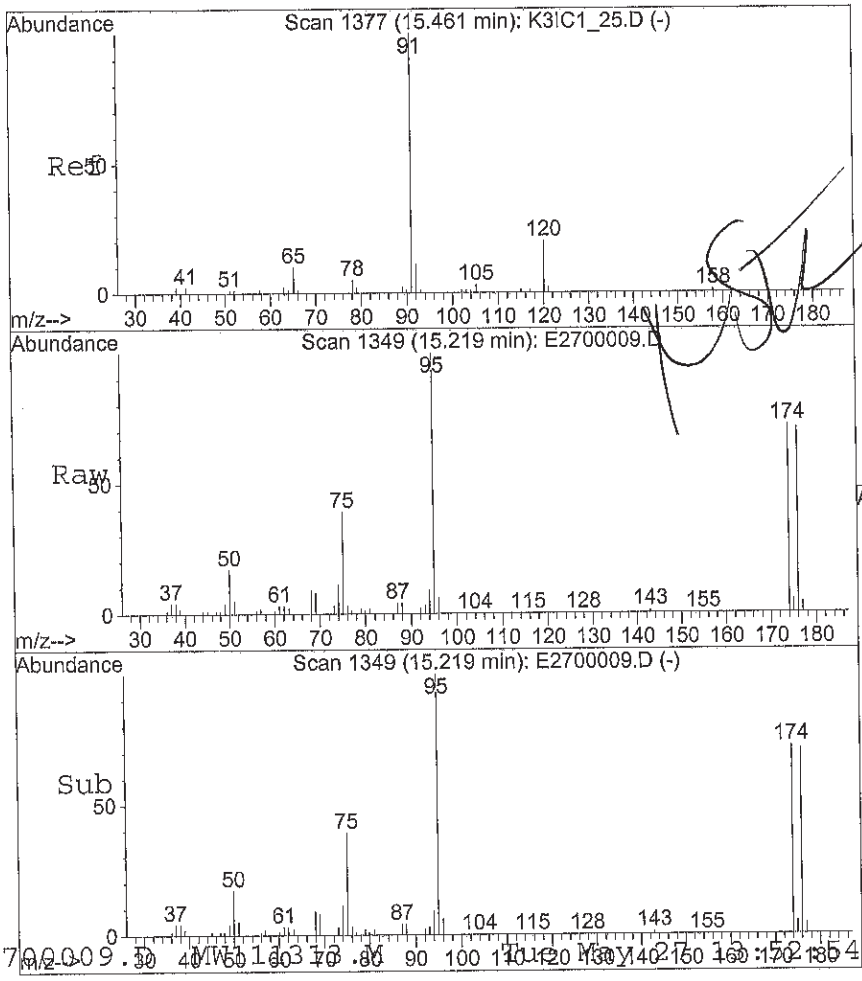


#56
Isopropylbenzene
Concen: 0.09 ug/L
RT: 15.22 min Scan# 1349
Delta R.T. 0.21 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion:105 Resp: 1782

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	228.3	13.1	19.7#

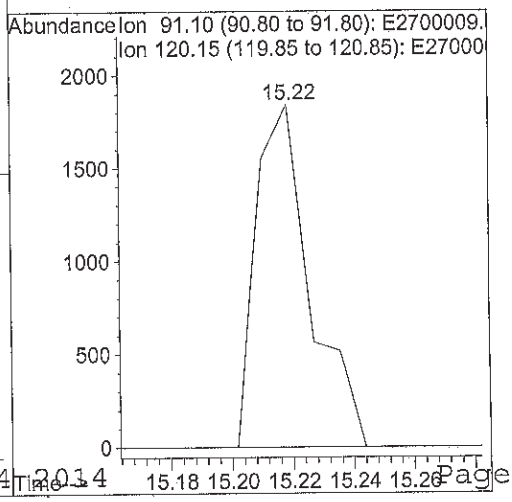


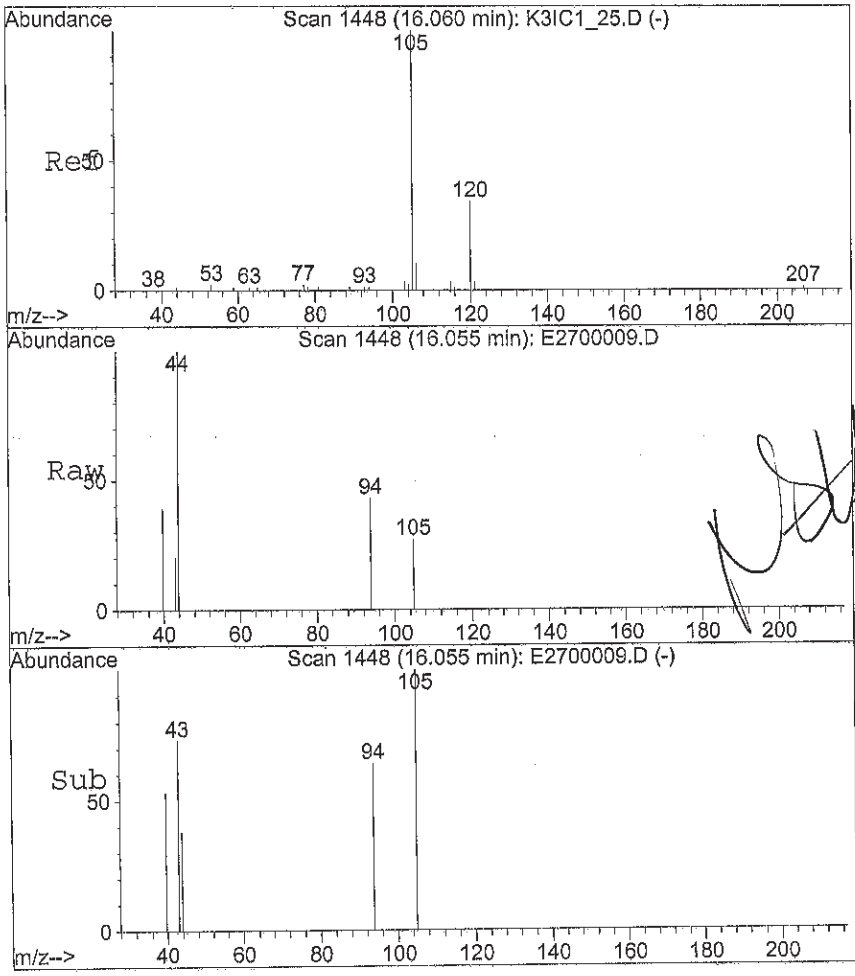


#62
n-Propylbenzene
Concen: 0.08 ug/L
RT: 15.22 min Scan# 1349
Delta R.T. -0.24 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion: 91 Resp: 2267

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

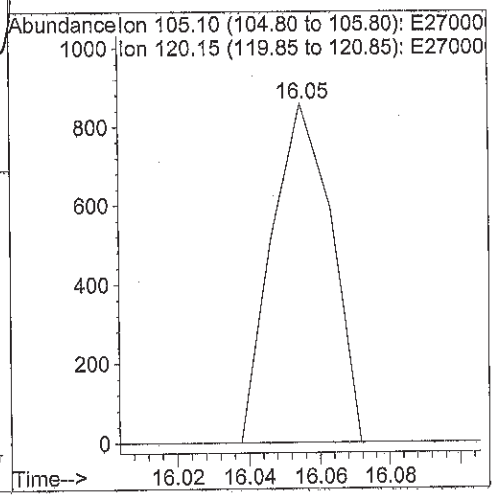


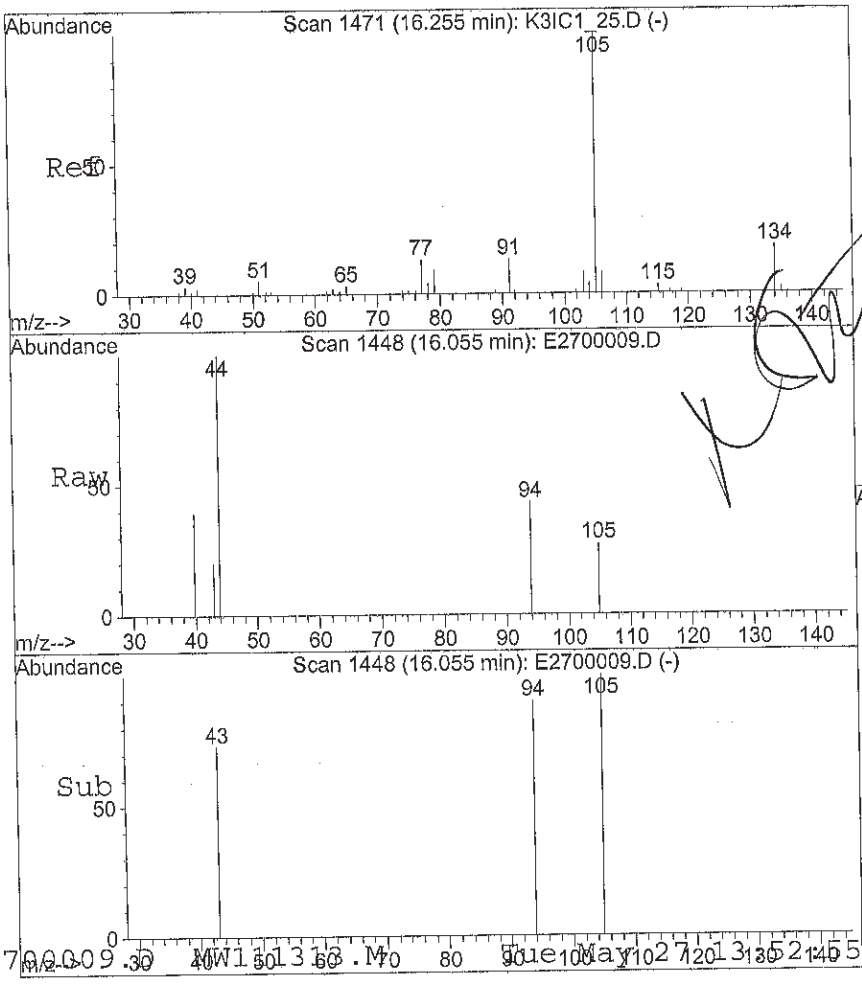


#67
1,2,4-Trimethylbenzene
Concen: 0.06 ug/L
RT: 16.05 min Scan# 1448
Delta R.T. -0.01 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion:105 Resp: 994

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

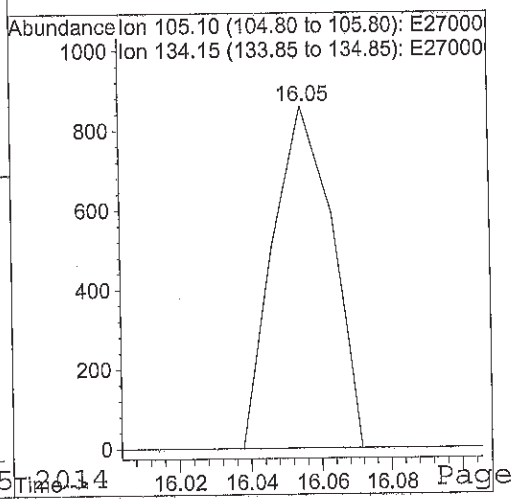


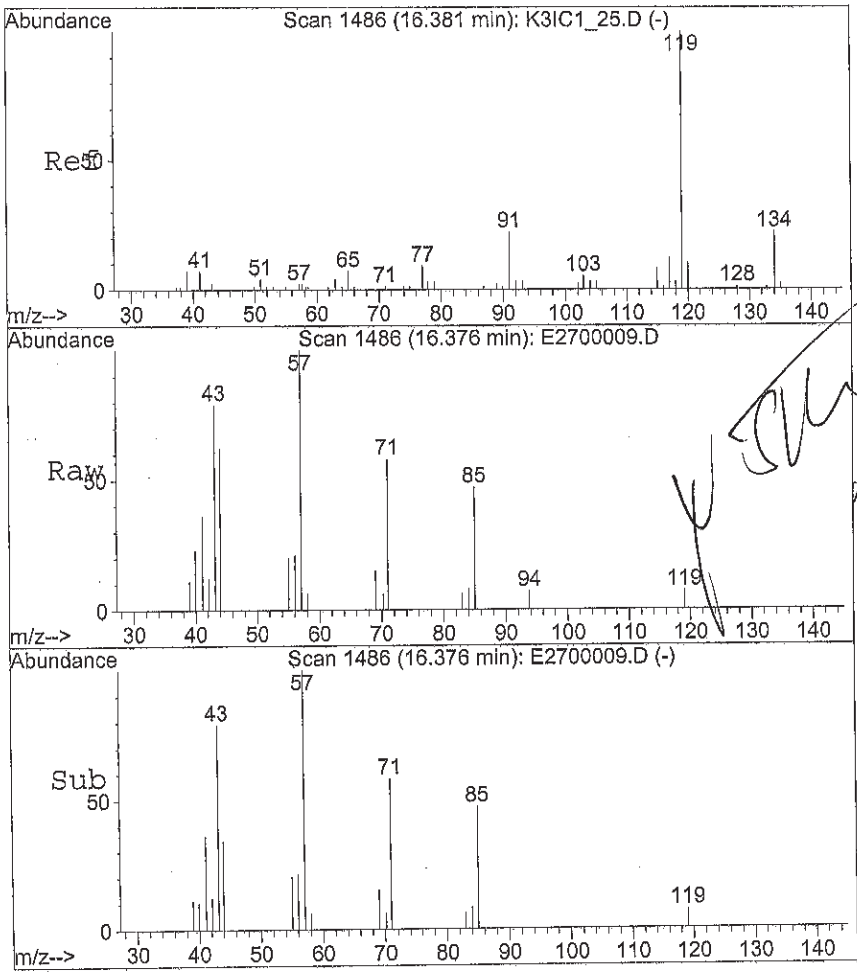


#68
sec-Butylbenzene
Concen: 0.04 ug/L
RT: 16.05 min Scan# 1448
Delta R.T. -0.20 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion:105 Resp: 994

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

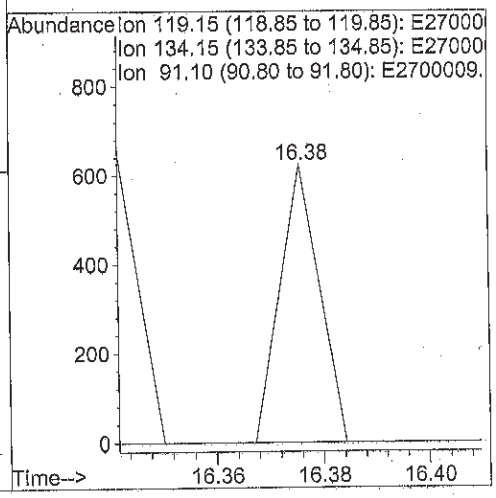




#69
p-Isopropyltoluene
Concen: 0.02 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.01 min
Lab File: E2700009.D
Acq: 27 May 2014 1:31 pm

Tgt Ion:119 Resp: 316

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700009.D Vial: 8
Acq On : 27 May 2014 1:31 pm Operator: DN
Sample : 3E42701-07 Inst : GC/MS Ins
Misc : 5cc SVL-513-SA5D-SV-10.0-11.0 20X DIL Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 13:54 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1755921	12.50 ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.92	117	1286154	12.50 ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	676173	12.50 ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	486155	10.65 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 85.20%		
3) Chloroform-d (SU6)	9.18	84	734956	11.22 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 89.76%		
4) Methylene Chloride-d2 (SU5	7.07	86	418137	10.92 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 87.36%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	445620	14.28 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 114.24%		
6) Benzene-d6 (SU7)	9.92	84	1416811	10.28 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 82.24%		
8) Toluene-d8 (SU3)	12.20	98	1524962	12.50 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 100.00%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	693285	13.76 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 110.08%		

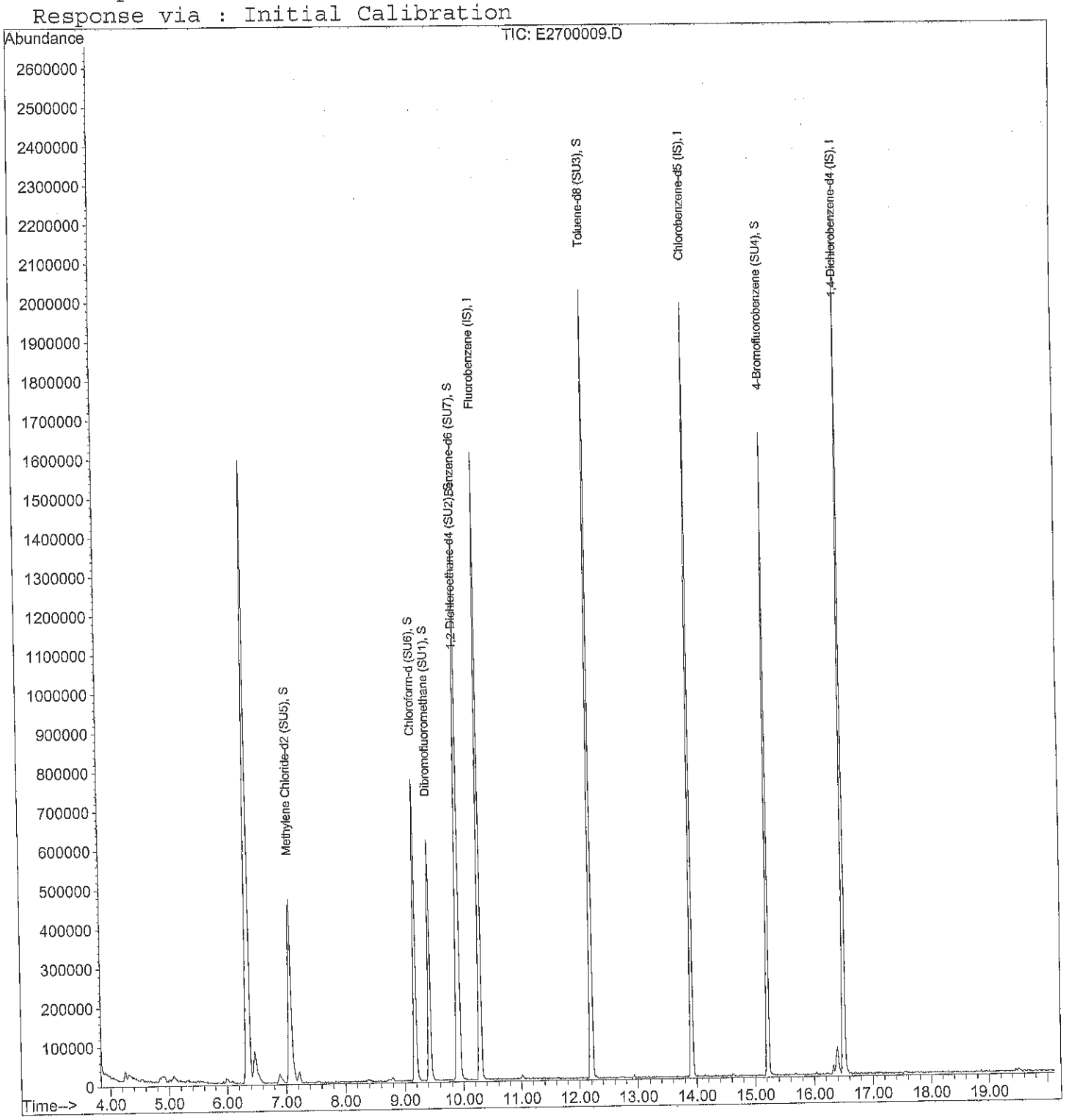
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700009.D Vial: 8
Acq On : 27 May 2014 1:31 pm Operator: DN
Sample : 3E42701-07 Inst : GC/MS Ins
Misc : 5cc SVL-513-SA5D-SV-10.0-11.0 20X DIL Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 13:54 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700010.D Vial: 8
Acq On : 27 May 2014 2:01 pm Operator: DN
Sample : 3E42701-08 Inst : GC/MS Ins
Misc : 5cc SVL-513-SA5D-SV-15.5-16.5 20X DIL Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 14:26 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Rerun 1X

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1745629	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1286126	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	662328	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	475929	10.93 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 87.44%					
28) 1,2-Dichloroethane-d4 (SU2	9.89	65	445986	10.78 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 86.24%					
39) Toluene-d8 (SU3)	12.20	98	1503881	12.54 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 100.32%					
58) 4-Bromofluorobenzene (SU4)	15.22	95	692191	13.16 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 105.28%					

Target Compounds					Qvalue
4) Chloromethane	4.40	50	4276	0.24 ug/L #	54
6) Bromomethane	5.06	96	8247	2.52 ug/L #	58
7) Chloroethane	5.11	64	2633	2.50 ug/L	89
9) (F113) 1,1,2-Trichloro-tri	6.34	151	271	0.08 ug/L #	19
11) Acetone	6.47	58	12120	14.02 ug/L	92
12) (IPA) Leak Check Compound	6.47	45	161582	770.31 ug/L #	87
14) Methylene Chloride	7.06	84	4848	1.01 ug/L #	1
15) (TBA) tert-Butanol	6.95	59	598	2.01 ug/L #	77
20) 2,2-Dichloropropane	8.78	77	292	0.04 ug/L #	1
24) Chloroform	9.21	83	1729	0.19 ug/L #	18
29) 1,1-Dichloropropene	9.93	75	333	0.05 ug/L #	1
31) Benzene	9.99	78	449	0.03 ug/L #	57
32) 1,2-Dichloroethane	9.92	62	5912	1.02 ug/L #	1
34) 1,2-Dichloropropane	11.03	63	314	0.08 ug/L #	2
40) (MIBK) 4-Methyl-2-Pentanon	12.19	43	6930	2.70 ug/L #	100
41) Toluene	12.28	91	2910	0.17 ug/L #	83
46) 2-Hexanone	12.73	43	1540	0.55 ug/L #	37
51) Ethylbenzene	14.03	91	1784	0.09 ug/L #	75
52) m,p-Xylenes	14.13	106	1435	0.20 ug/L	73
54) Styrene	14.62	104	2490	-0.62 ug/L #	73
56) Isopropylbenzene	15.22	105	1752	0.09 ug/L #	1
57) 1,2,3-Trichloropropane	15.33	75	286	0.05 ug/L #	36

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700010.D Vial: 8
Acq On : 27 May 2014 2:01 pm Operator: DN
Sample : 3E42701-08 Inst : GC/MS Ins
Misc : 5cc SVL-513-SA5D-SV-15.5-16.5 20X DIL Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 14:26 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

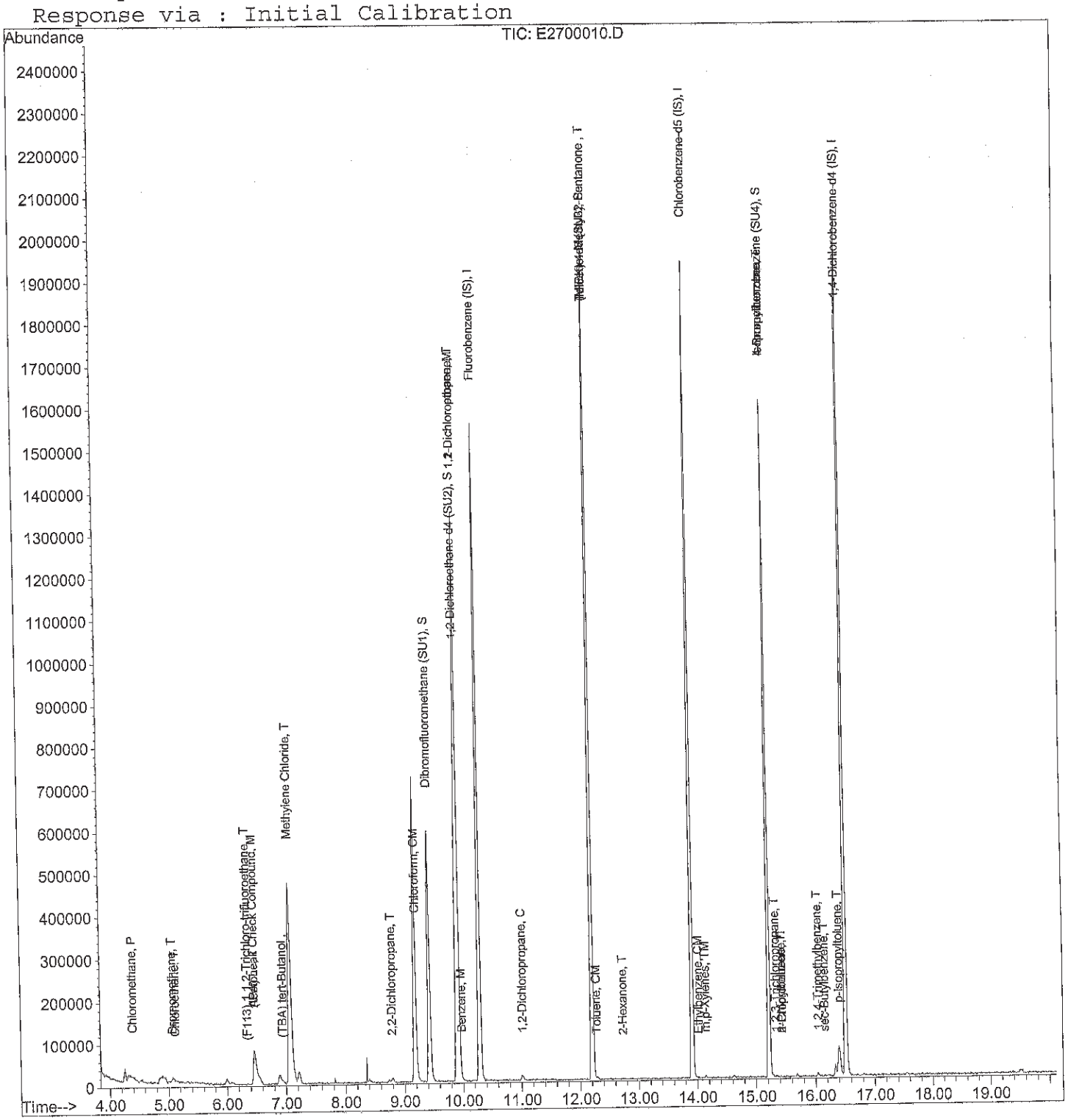
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) n-Propylbenzene	15.44	91	599	0.02 ug/L #	56
63) 2-Chlorotoluene	15.44	91	599	0.04 ug/L #	45
67) 1,2,4-Trimethylbenzene	16.05	105	264	0.02 ug/L #	33
68) sec-Butylbenzene	16.15	105	293	0.01 ug/L #	62
69) p-Isopropyltoluene	16.38	119	869	0.05 ug/L #	52

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700010.D Vial: 8
Acq On : 27 May 2014 2:01 pm Operator: DN
Sample : 3E42701-08 Inst : GC/MS Ins
Misc : 5cc SVL-513-SA5D-SV-15.5-16.5 20X DIL Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 14:26 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700011.D
Acq On : 27 May 2014 2:34 pm
Sample : 3E42701-08
Misc : 100cc SVL-513-SA5D-SV-15.5-16.5
MS Integration Params: rteint.p
Quant Time: May 27 15:09 19114

Vial: 2
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1694263	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1301352	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	693994	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	481941	11.40 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125			Recovery =	91.20%	
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	462116	11.51 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125			Recovery =	92.08%	
39) Toluene-d8 (SU3)	12.20	98	1510269	12.44 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125			Recovery =	99.52%	
58) 4-Bromofluorobenzene (SU4)	15.22	95	709259	13.33 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125			Recovery =	106.64%	

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.10	85	626	0.15 ~~ug/L #~~ NSM	44
4) Chloromethane	4.41	50	6597	1.10 ~~ug/L #~~ ↓	54
6) Bromomethane	5.04	96	8385	2.72 ~~ug/L~~ NT	95
7) Chloroethane	5.24	64	3198	2.96 ~~ug/L #~~	32
9) (F113) 1,1,2-Trichloro-tri	6.35	151	65999	19.82 ug/L 0.3964	99
10) 1,1-Dichloroethene	6.43	96	4608	1.15 ug/L # 0.023	85
11) Acetone	6.47	58	11841	14.16 ~~ug/L~~ NT	97
12) (IPA) Leak Check Compound	6.46	45	205852	1011.11 ~~ug/L~~ NM	88
13) Carbon disulfide	6.84	76	14009	0.99 ~~ug/L~~ NT	95
14) Methylene Chloride	7.07	84	6505	1.40 ~~ug/L #~~ NSM	1
15) (TBA) tert-Butanol	7.14	59	634	2.19 ~~ug/L #~~ NT	77
19) cis-1,2-Dichloroethene	8.72	96	268	0.05 ~~ug/L #~~ NSM	3
22) (DIPE) Diisopropyl Ether	8.18	45	255	0.02 ~~ug/L #~~	48
24) Chloroform	9.21	83	858	0.10 ~~ug/L #~~	1
25) (ETBE) 2-ethoxy 2-methyl p	8.37	59	257	0.02 ~~ug/L #~~	44
29) 1,1-Dichloropropene	9.91	75	620	0.09 ~~ug/L #~~	1
31) Benzene	9.98	78	2686	0.17 ~~ug/L #~~	73
32) 1,2-Dichloroethane	9.92	62	6374	1.13 ~~ug/L #~~	1
35) Dibromomethane	11.00	93	259	0.09 ~~ug/L #~~	5
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	8060	3.10 ~~ug/L #~~ NT	100
41) Toluene	12.29	91	21574	1.22 ug/L 0.0244	91
46) 2-Hexanone	12.94	43	908	0.32 ~~ug/L #~~	37

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700011.D Vial: 2
Acq On : 27 May 2014 2:34 pm Operator: DN
Sample : 3E42701-08 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-15.5-16.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 15:09 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

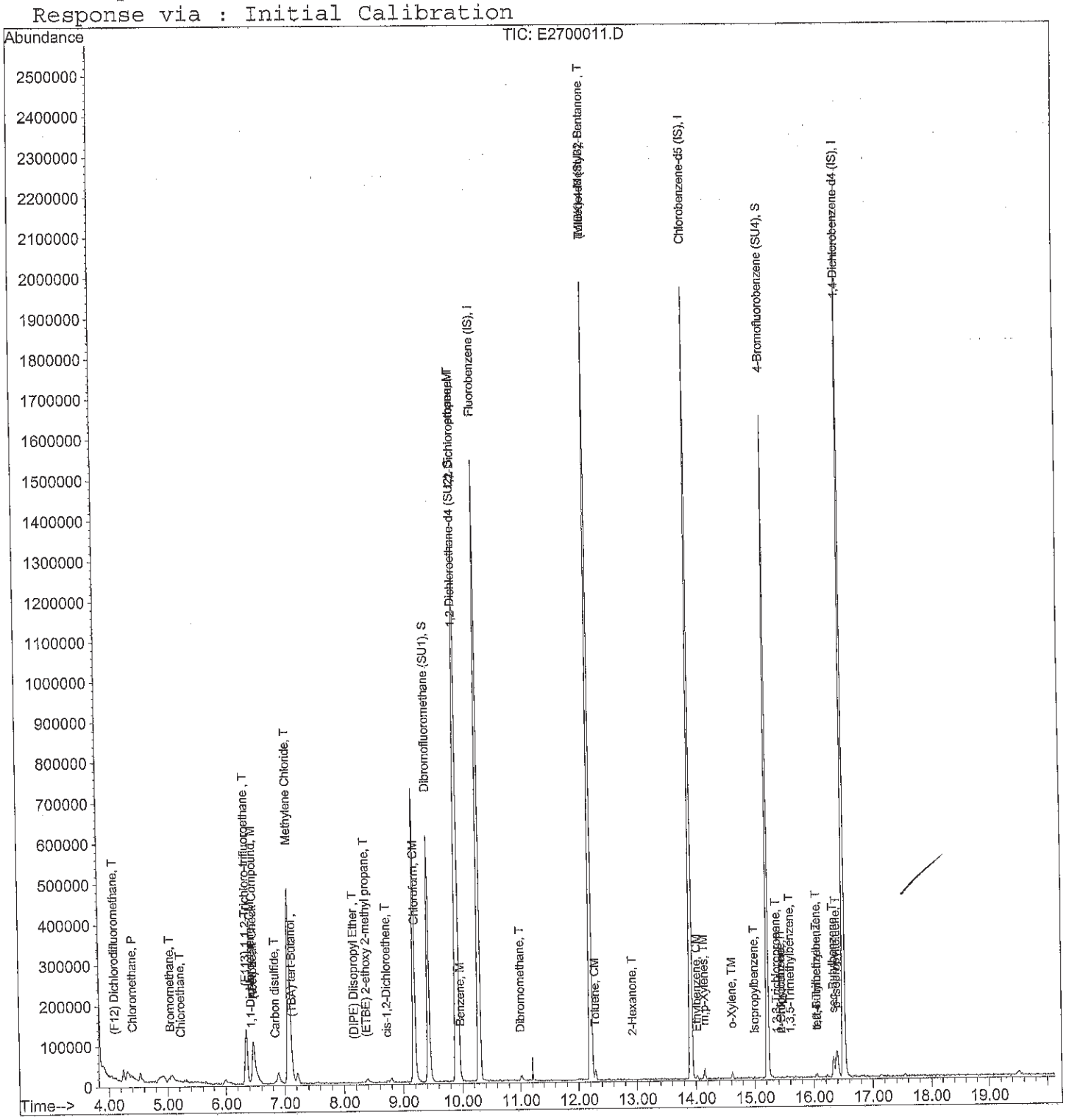
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
51) Ethylbenzene	14.03	91	7835	0.39 ~~ug/L~~ # 0.0078	61
52) m,p-Xylenes	14.15	106	7224	1.01 ~~ug/L~~ 0.0202	98
53) o-Xylene	14.62	106	3589	0.51 ~~ug/L~~ 0.0102	99
54) Styrene	14.62	104	2710	-0.60 ~~ug/L~~ #	43
56) Isopropylbenzene	15.00	105	254	0.01 ~~ug/L~~ #	55
57) 1,2,3-Trichloropropane	15.37	75	260	0.05 ~~ug/L~~ #	36
62) n-Propylbenzene	15.46	91	1192	0.04 ~~ug/L~~ #	56
63) 2-Chlorotoluene	15.46	91	1192	0.07 ~~ug/L~~ #	45
64) 1,3,5-Trimethylbenzene	15.62	105	699	0.04 ~~ug/L~~ #	31
66) tert-Butylbenzene	16.06	119	438	0.03 ~~ug/L~~ #	24
67) 1,2,4-Trimethylbenzene	16.06	105	3346	0.19 ~~ug/L~~ #	73
68) sec-Butylbenzene	16.33	105	254	0.01 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	950	0.05 ~~ug/L~~ #	52

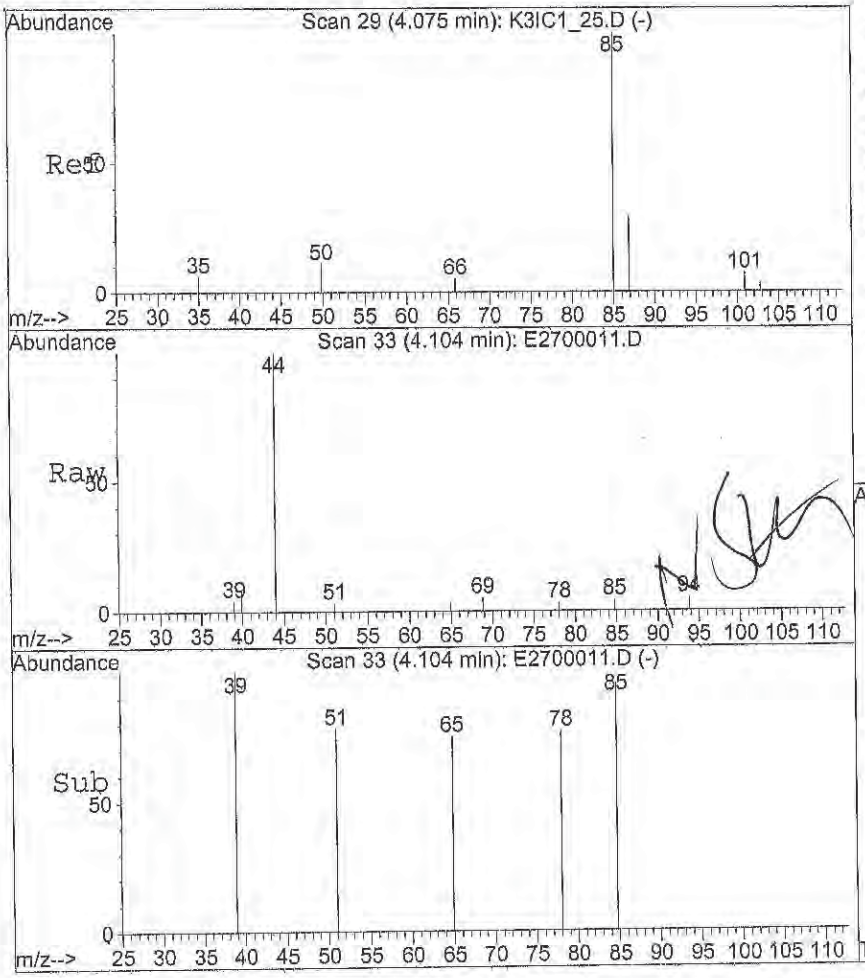
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700011.D Vial: 2
Acq On : 27 May 2014 2:34 pm Operator: DN
Sample : 3E42701-08 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-15.5-16.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 15:09 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

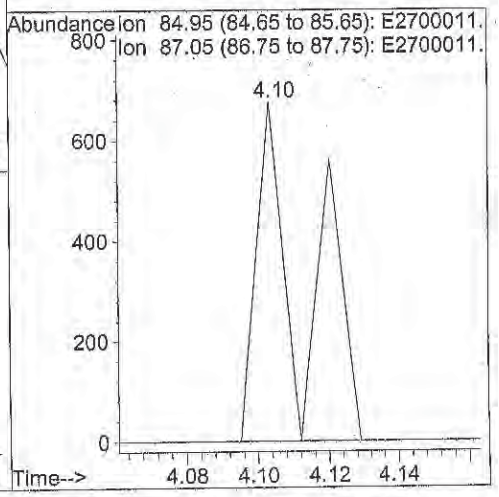


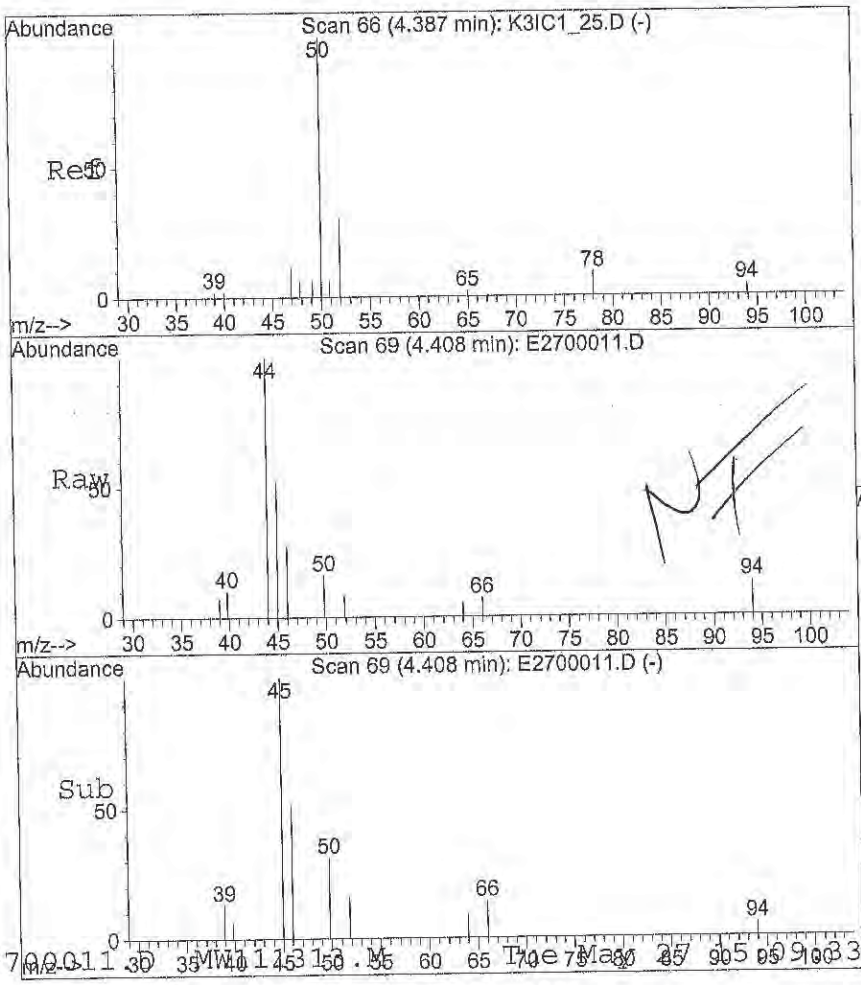


#3
(F12) Dichlorodifluoromethane
Concen: 0.15 ug/L
RT: 4.10 min Scan# 33
Delta R.T. 0.03 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 85 Resp: 626

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.6	37.0#

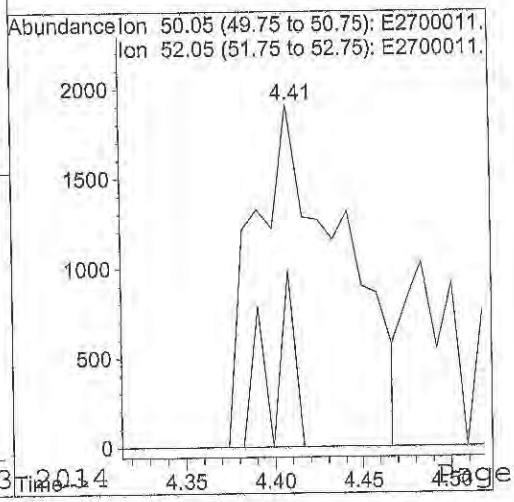


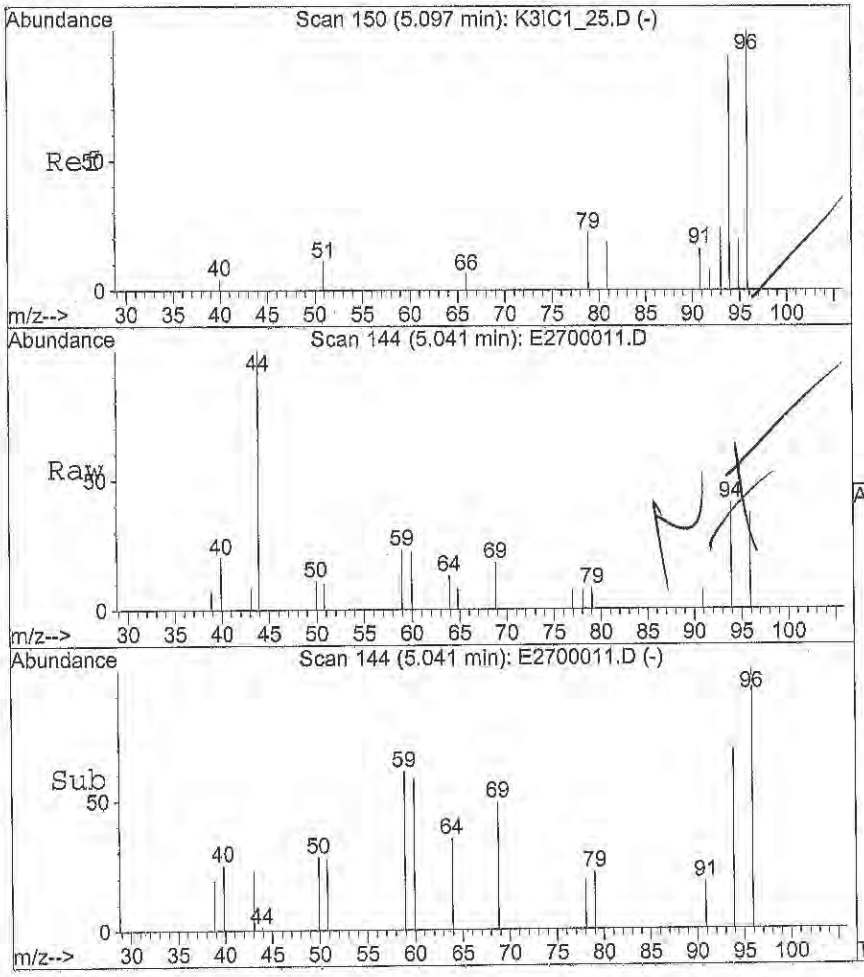


#4
Chloromethane
Concen: 1.10 ug/L
RT: 4.41 min Scan# 69
Delta R.T. 0.02 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 50 Resp: 6597

Ion	Ratio	Lower	Upper
50	100		
52	7.5	26.9	40.3#

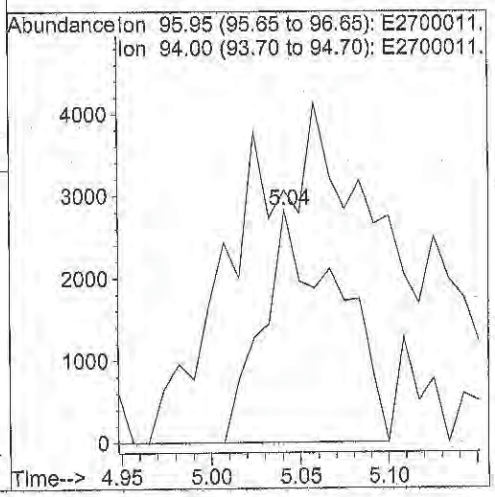


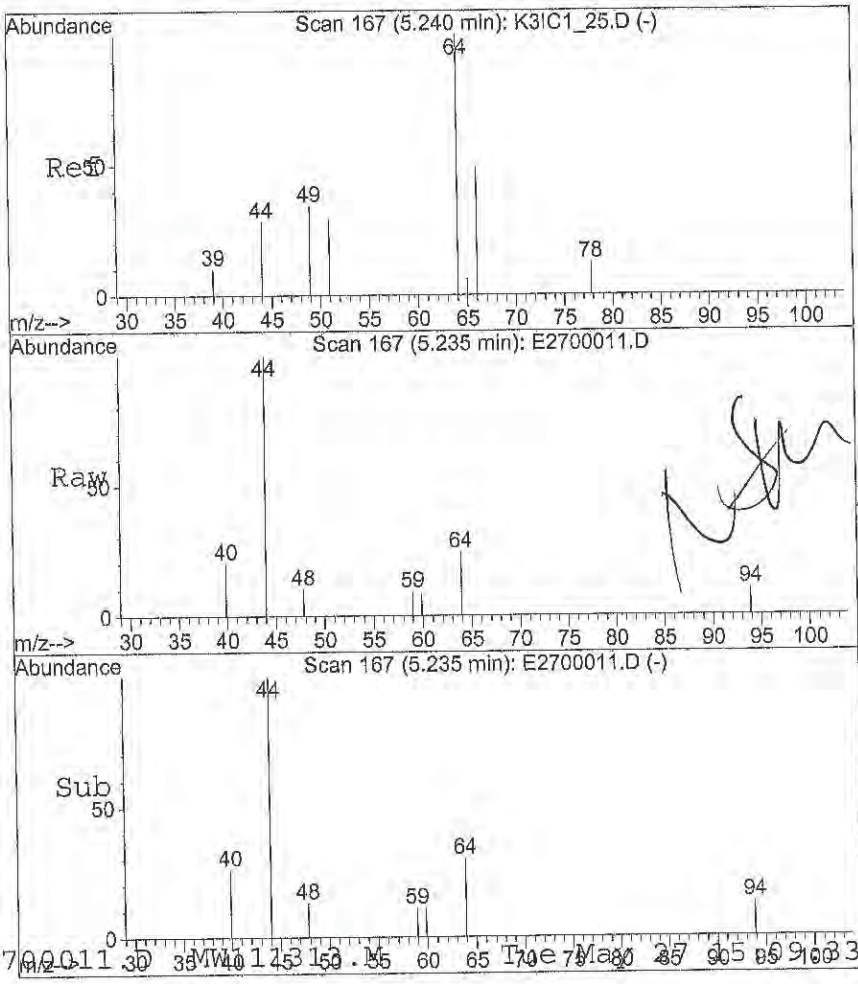


#6
Bromomethane
Concen: 2.72 ug/L
RT: 5.04 min Scan# 144
Delta R.T. -0.06 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 96 Resp: 8385

Ion	Ratio	Lower	Upper
96	100		
94	120.9	101.0	151.4

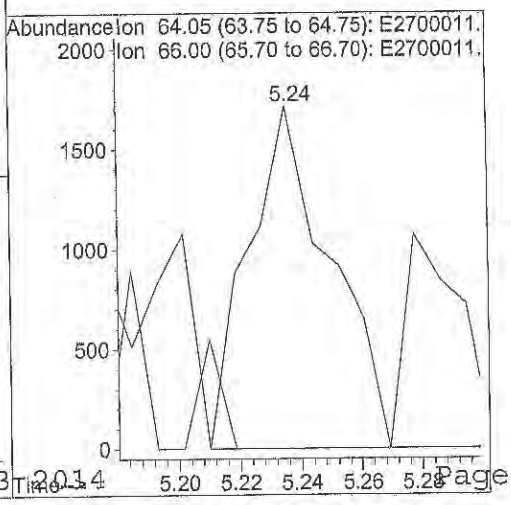


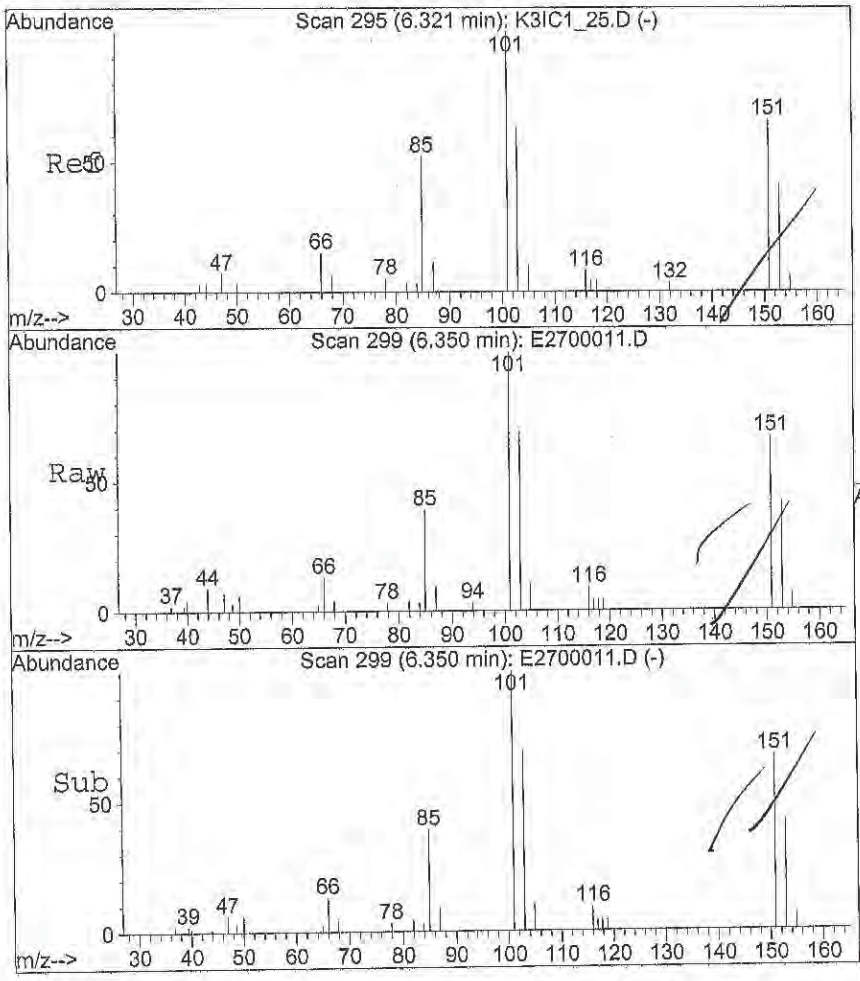


#7
Chloroethane
Concen: 2.96 ug/L
RT: 5.24 min Scan# 167
Delta R.T. -0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 64 Resp: 3198

Ion	Ratio	Lower	Upper
64	100		
66	0.0	35.4	53.0#

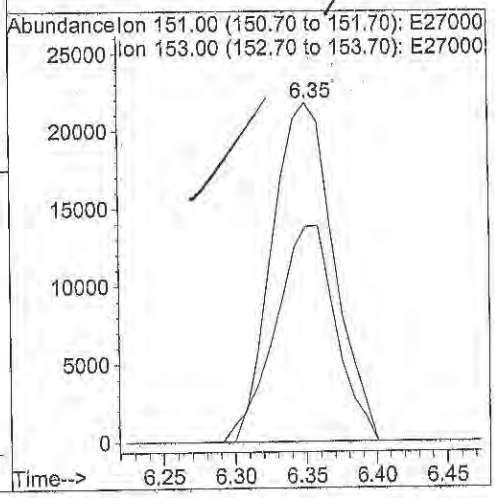


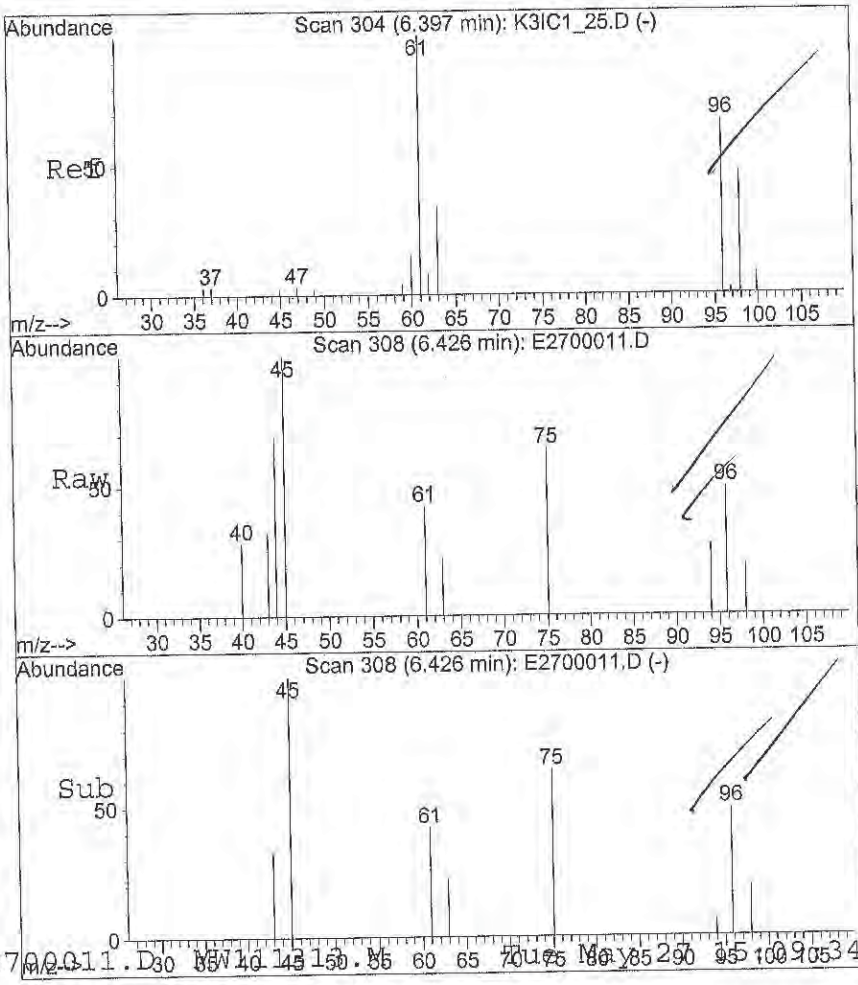


#9
(F113) 1,1,2-Trichloro-trifluor
Concen: 19.82 ug/L
RT: 6.35 min Scan# 299
Delta R.T. 0.03 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:151 Resp: 65999

Ion	Ratio	Lower	Upper
151	100		
153	61.3	49.6	74.4

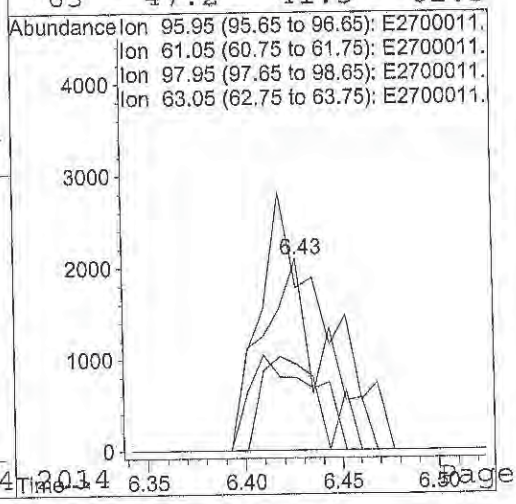


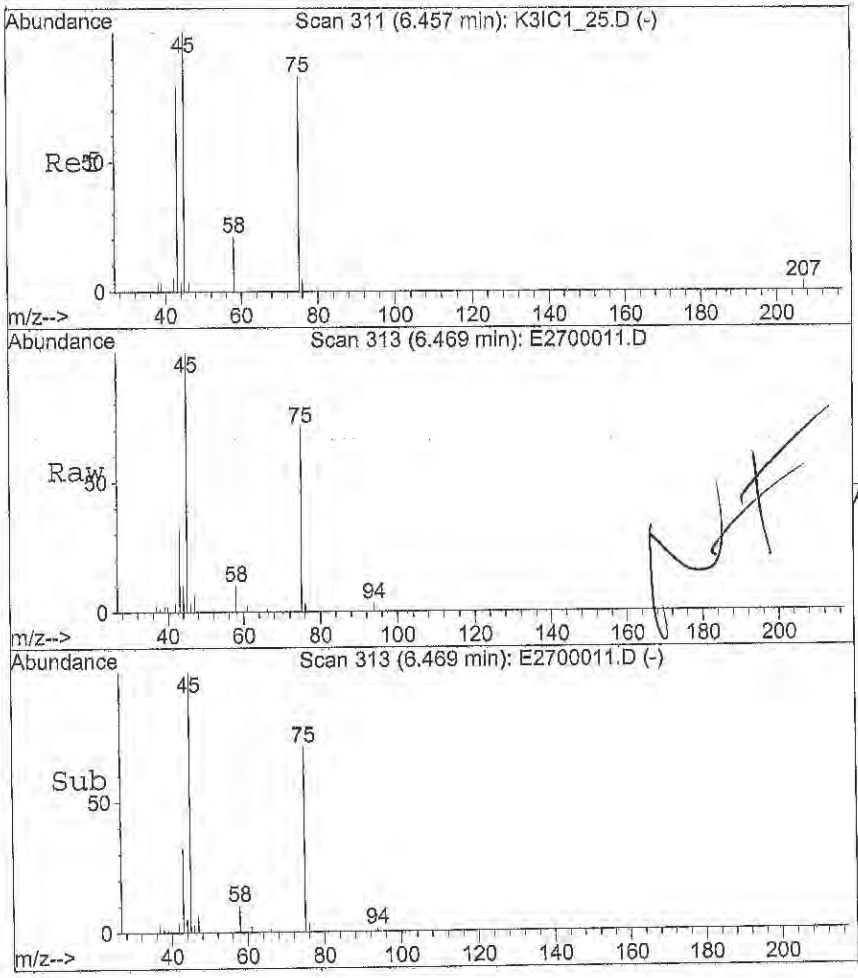


#10
1,1-Dichloroethene
Concen: 1.15 ug/L
RT: 6.43 min Scan# 308
Delta R.T. 0.03 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 96 Resp: 4608

Ion	Ratio	Lower	Upper
96	100		
61	143.3	130.0	195.0
98	51.5	56.2	84.4#
63	47.2	41.5	62.3

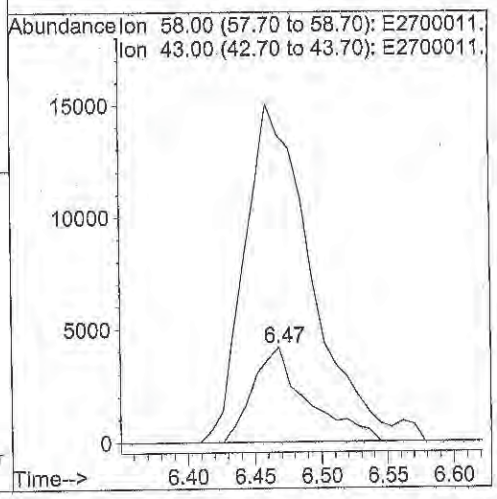


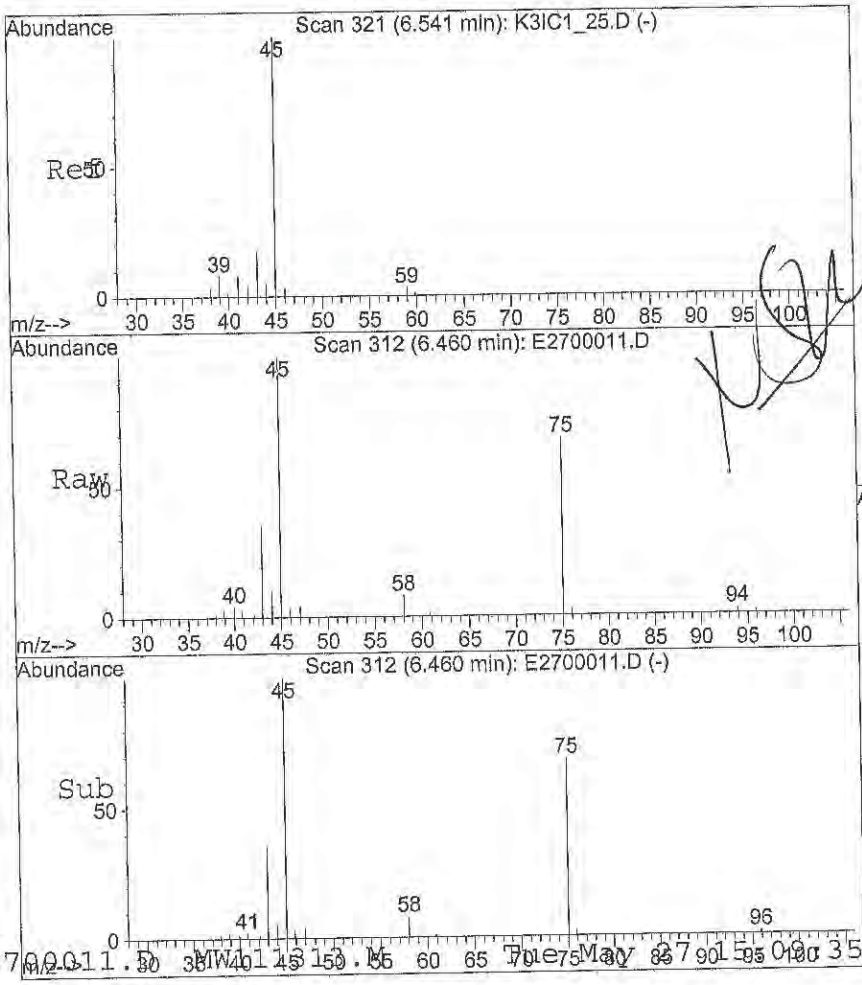


#11
Acetone
Concen: 14.16 ug/L
RT: 6.47 min Scan# 313
Delta R.T. 0.01 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 58 Resp: 11841

Ion	Ratio	Lower	Upper
58	100		
43	443.6	360.9	541.3

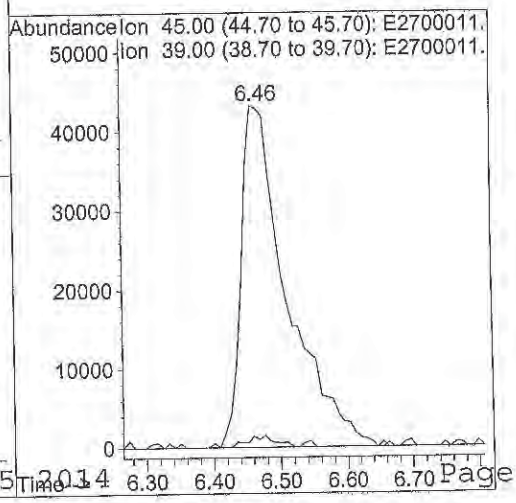


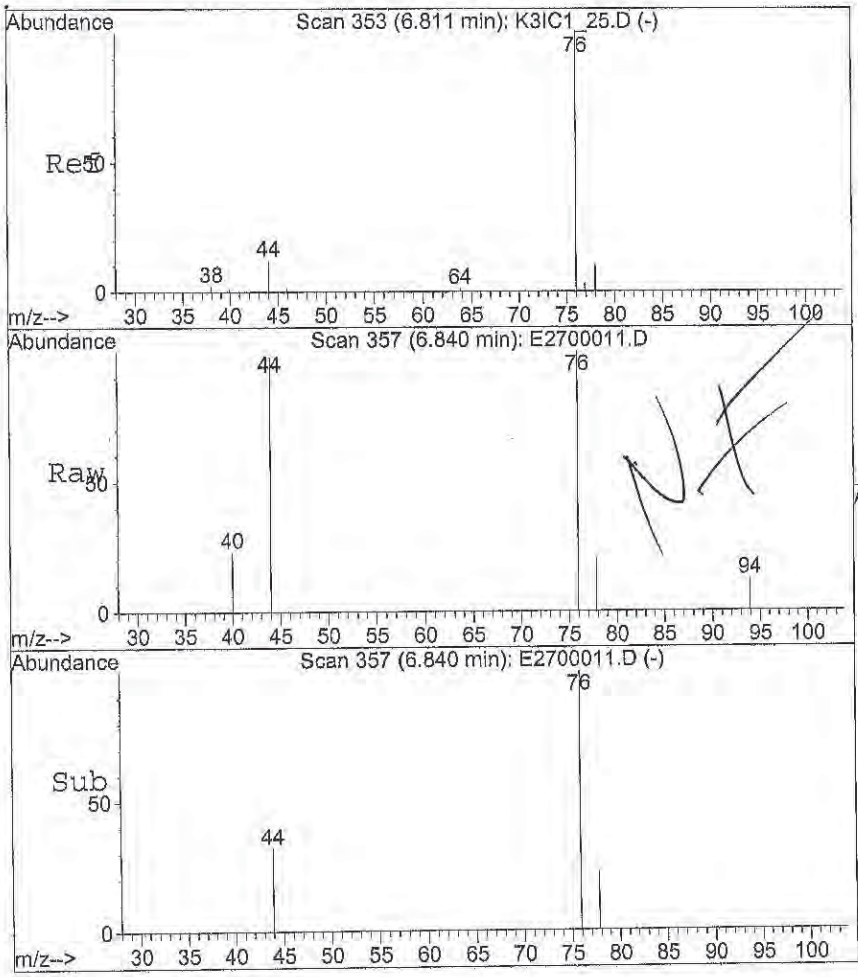


#12
(IPA) Leak Check Compound
Concen: 1011.11 ug/L
RT: 6.46 min Scan# 312
Delta R.T. -0.08 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 45 Resp: 205852

Ion	Ratio	Lower	Upper
45	100		
39	2.1	4.9	7.3#

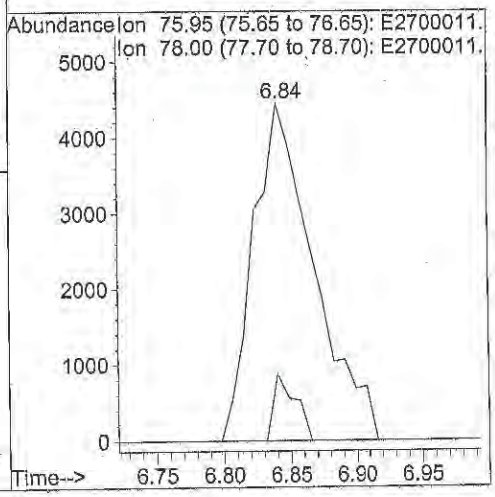


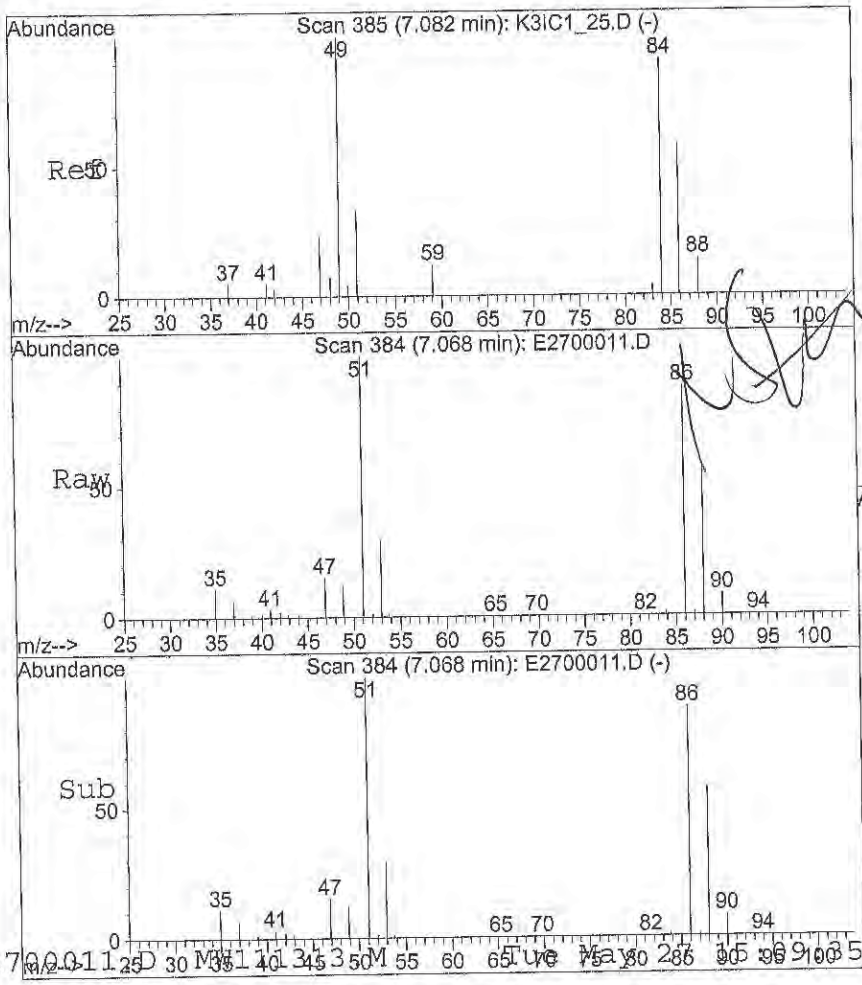


#13
Carbon disulfide
Concen: 0.99 ug/L
RT: 6.84 min Scan# 357
Delta R.T. 0.03 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 76 Resp: 14009

Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.0	10.4

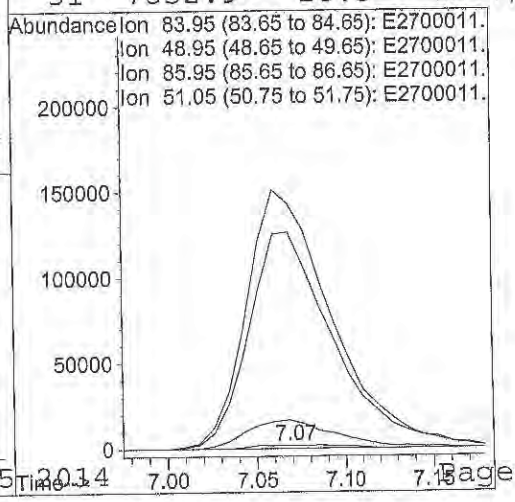


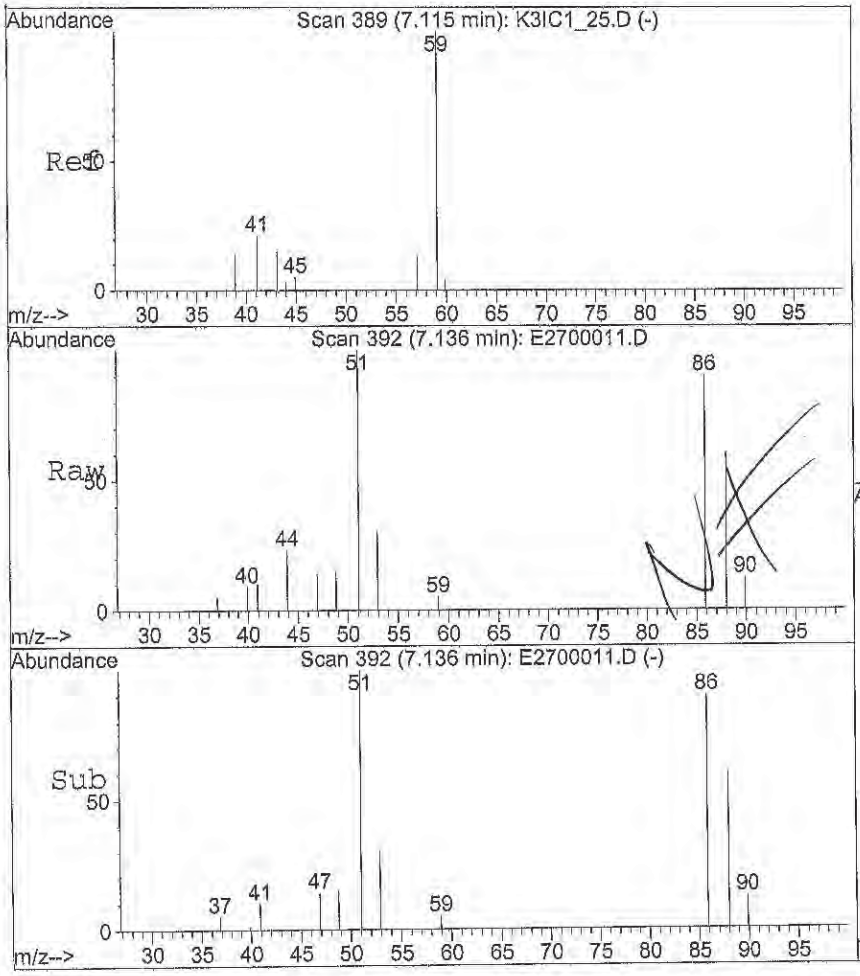


#14
Methylene Chloride
Concen: 1.40 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 84 Resp: 6505

Ion	Ratio	Lower	Upper
84	100		
49	887.1	89.8	134.6#
86	6516.1	51.1	76.7#
51	7852.9	28.5	42.7#

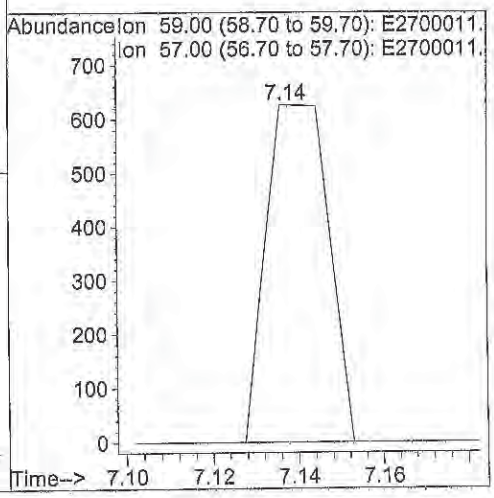


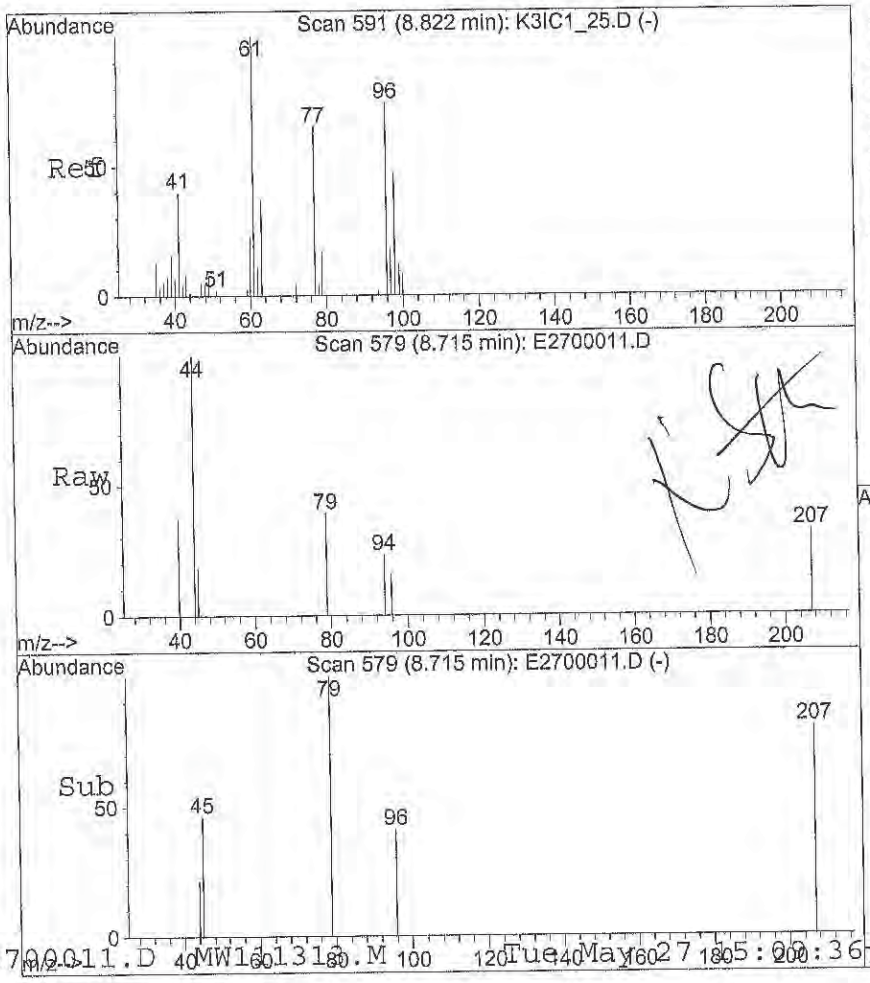


#15
(TBA) tert-Butanol
Concen: 2.19 ug/L
RT: 7.14 min Scan# 392
Delta R.T. 0.02 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 59 Resp: 634

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

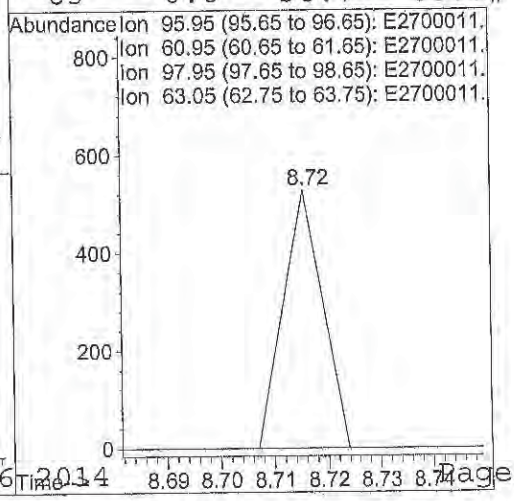


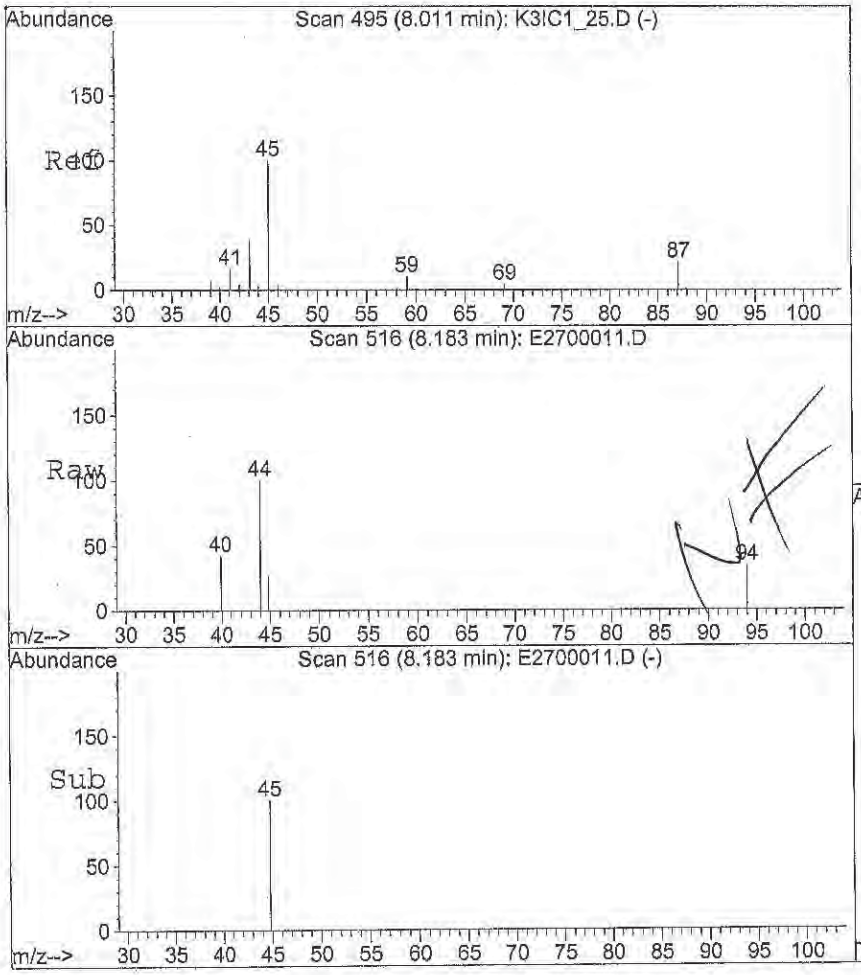


#19
cis-1,2-Dichloroethene
Concen: 0.05 ug/L
RT: 8.72 min Scan# 579
Delta R.T. -0.11 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 96 Resp: 268

Ion	Ratio	Lower	Upper
96	100		
61	0.0	110.3	165.5#
98	0.0	49.8	74.6#
63	0.0	36.7	55.1#

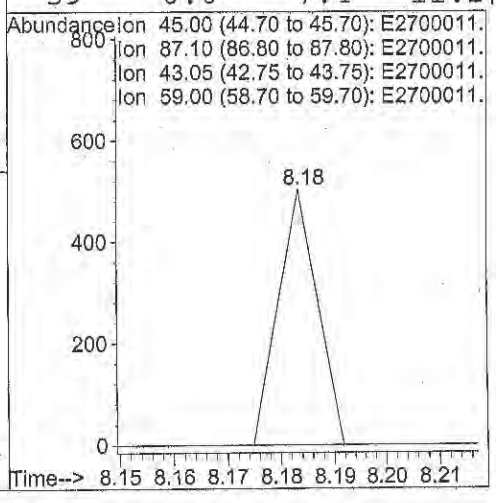


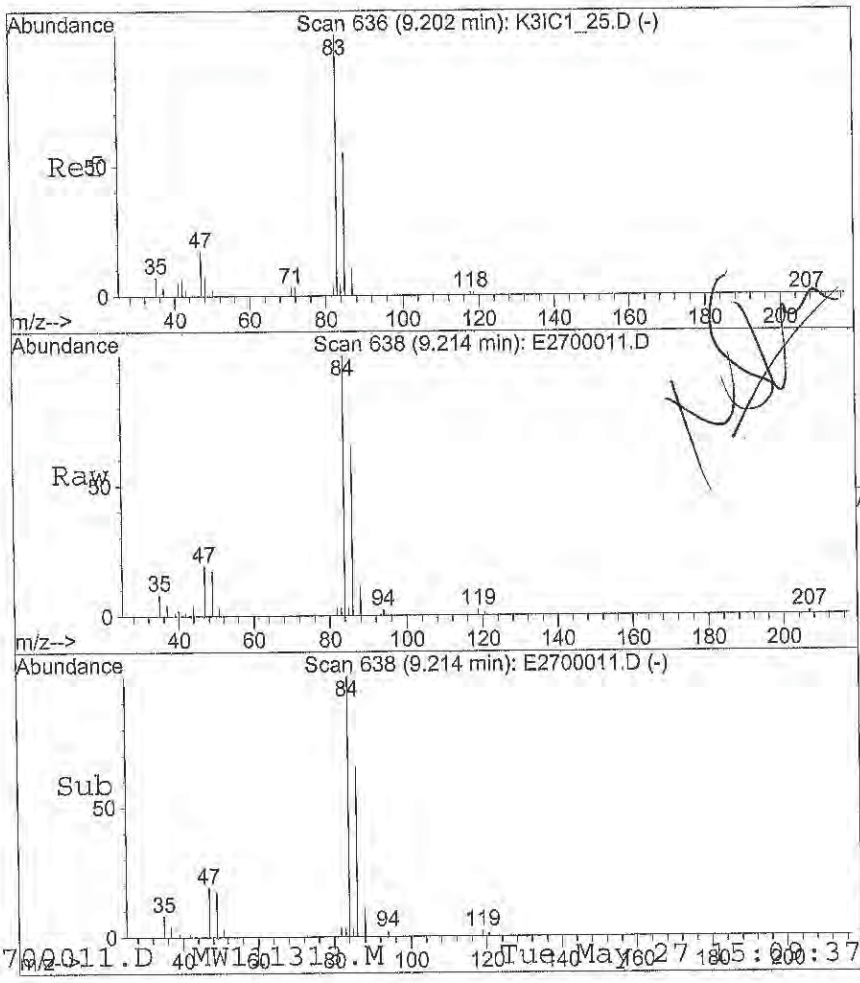


#22
(DIPE) Diisopropyl Ether
Concen: 0.02 ug/L
RT: 8.18 min Scan# 516
Delta R.T. 0.17 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 45 Resp: 255

Ion	Ratio	Lower	Upper
45	100		
87	0.0	17.0	25.6#
43	0.0	30.5	45.7#
59	0.0	7.4	11.2#

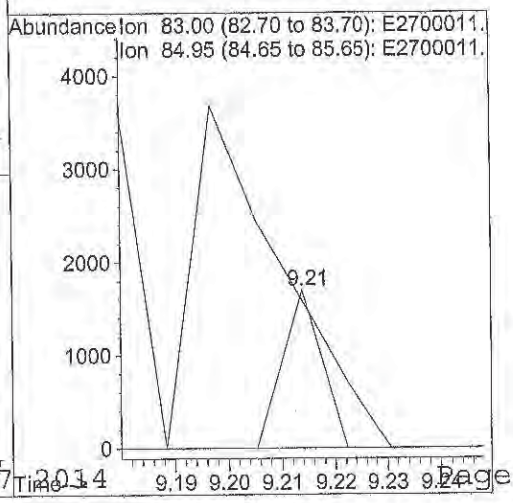


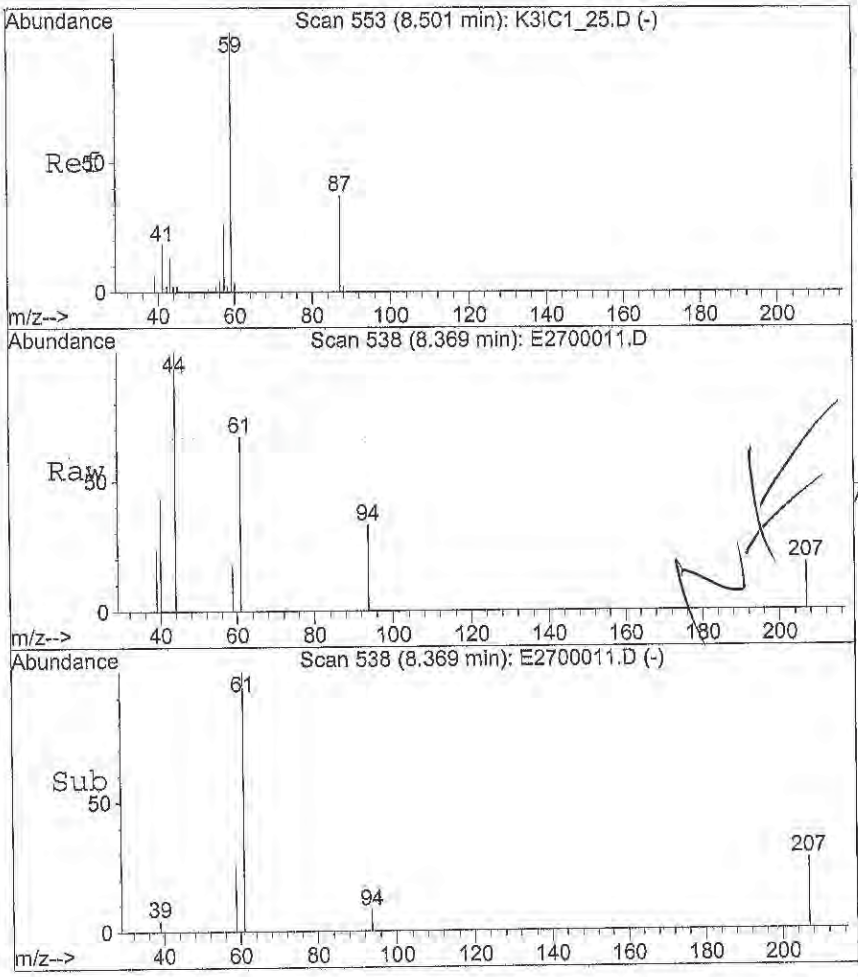


#24
Chloroform
Concen: 0.10 ug/L
RT: 9.21 min Scan# 638
Delta R.T. 0.01 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 83 Resp: 858

Ion	Ratio	Lower	Upper
83	100		
85	496.6	51.8	77.6#

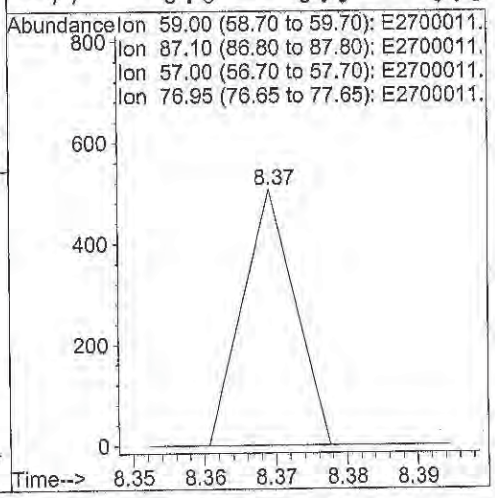


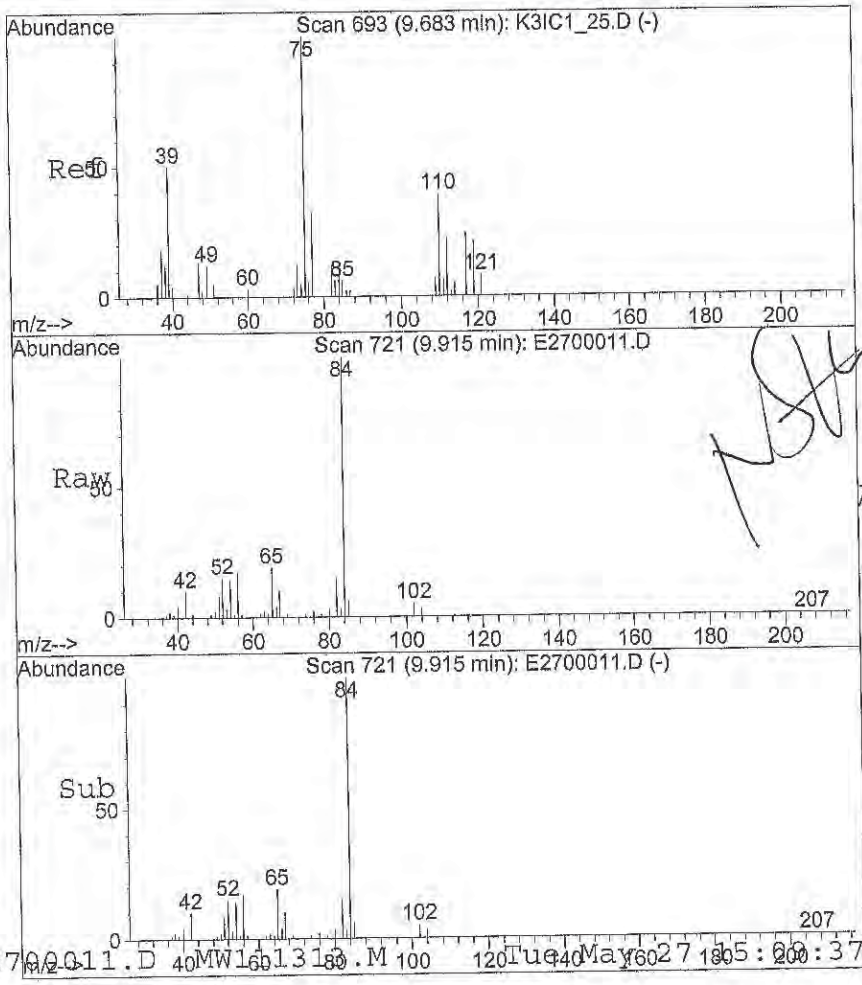


#25
(ETBE) 2-ethoxy 2-methyl propar
Concen: 0.02 ug/L
RT: 8.37 min Scan# 538
Delta R.T. -0.13 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 59 Resp: 257

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

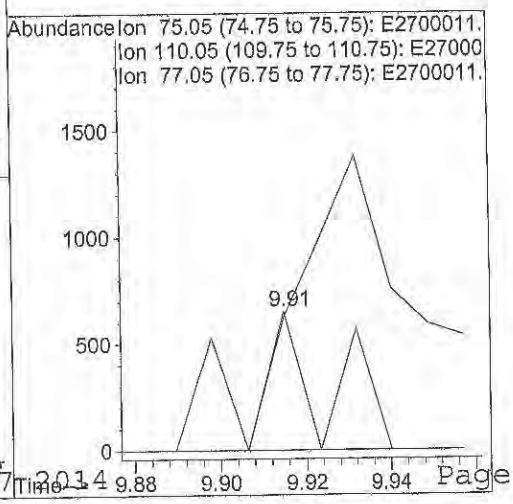


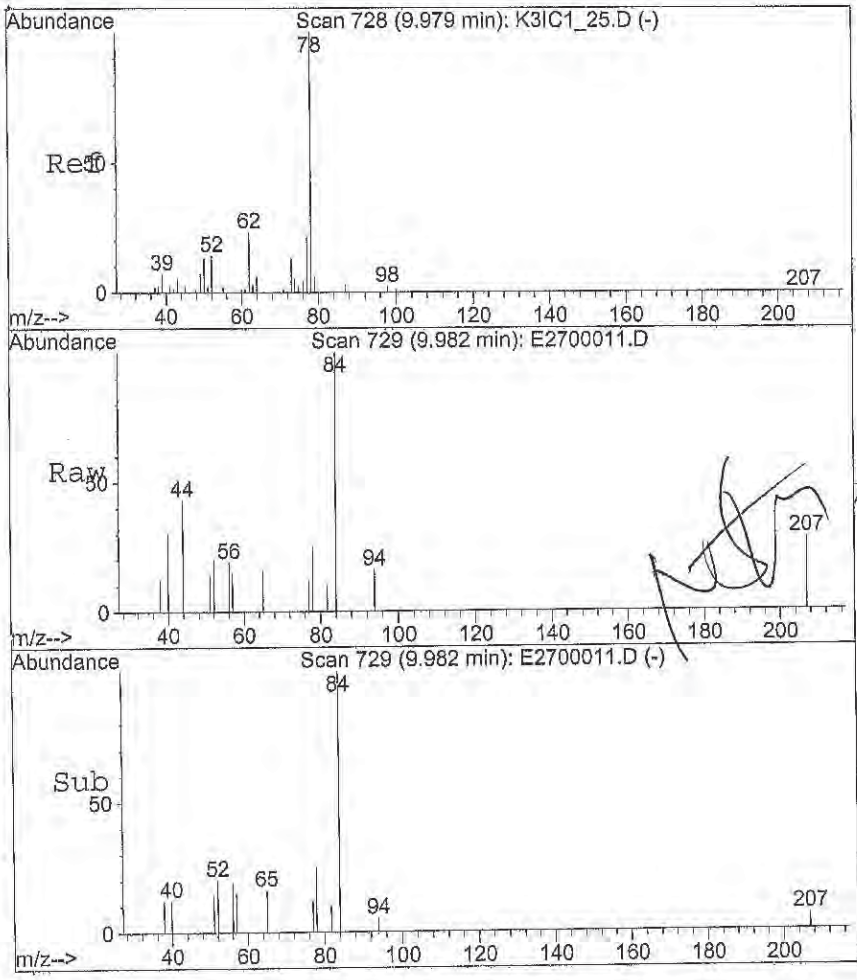


#29
1,1-Dichloropropene
Concen: 0.09 ug/L
RT: 9.91 min Scan# 721
Delta R.T. 0.23 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 75 Resp: 620

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	398.7	25.0	37.4#

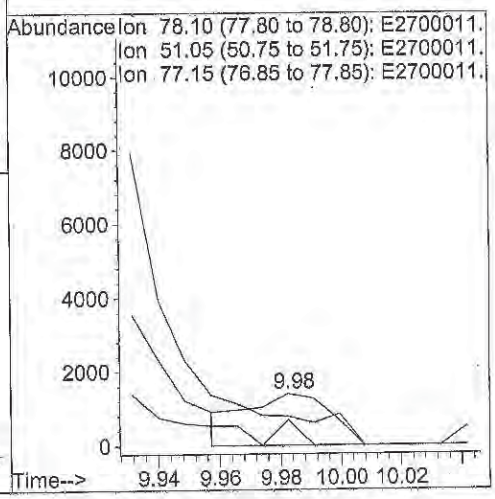


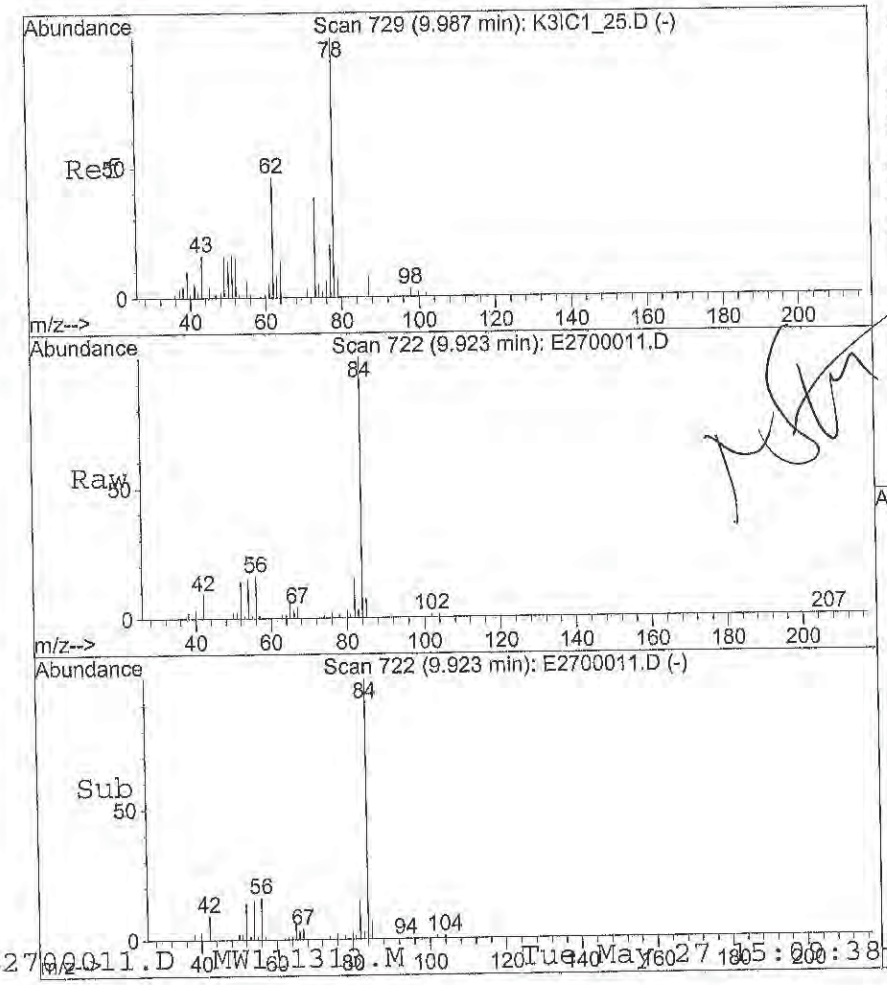


#31
Benzene
Concen: 0.17 ug/L
RT: 9.98 min Scan# 729
Delta R.T. 0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 78 Resp: 2686

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	13.0	16.6	24.8#

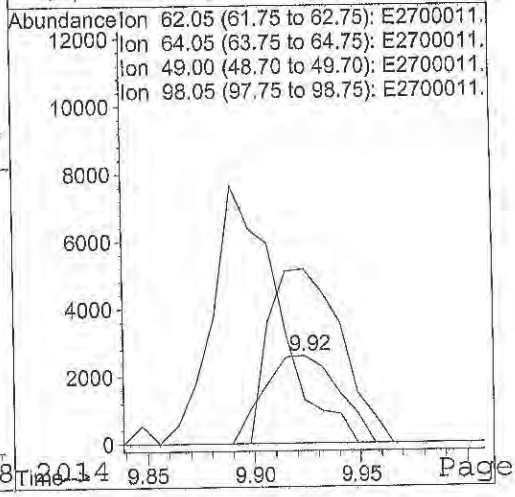


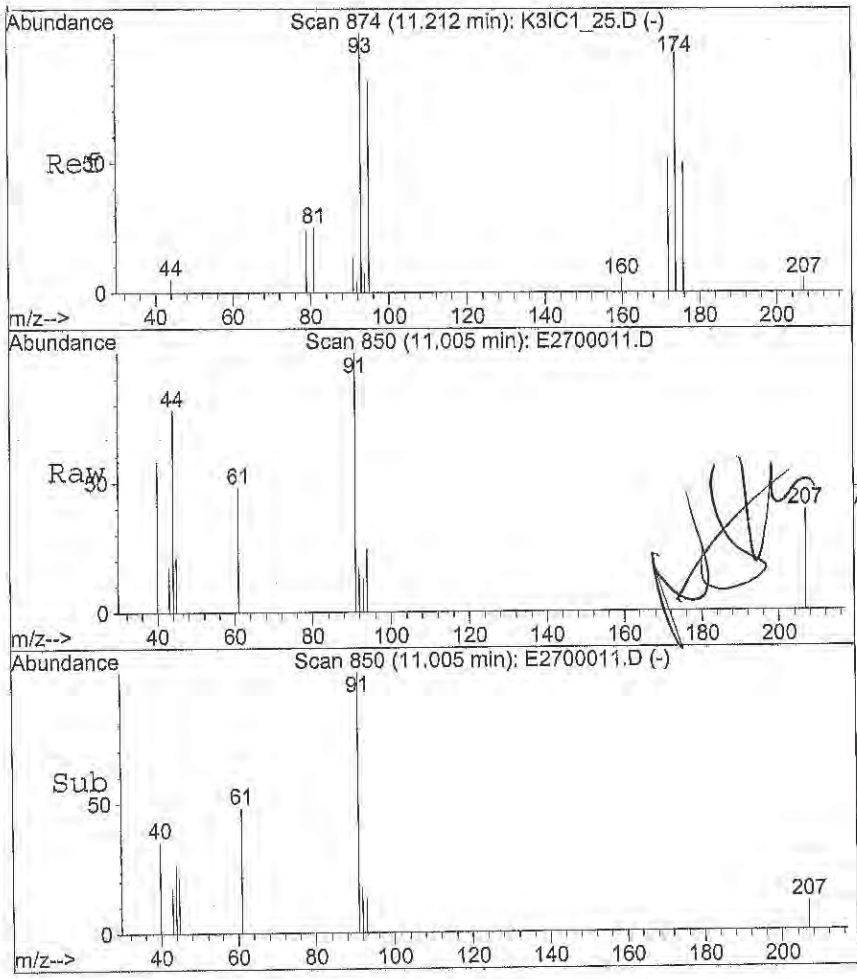


#32
1,2-Dichloroethane
Concen: 1.13 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 62 Resp: 6374

Ion	Ratio	Lower	Upper
62	100		
64	192.5	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

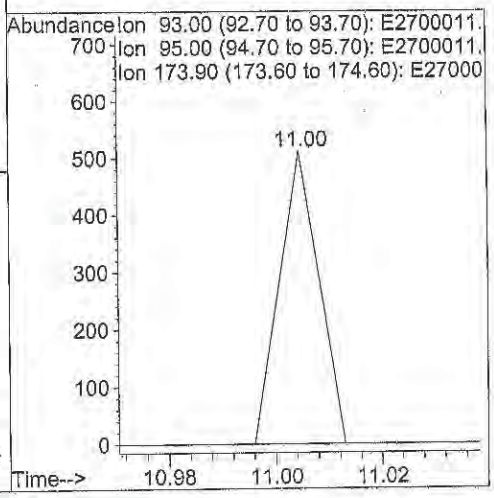


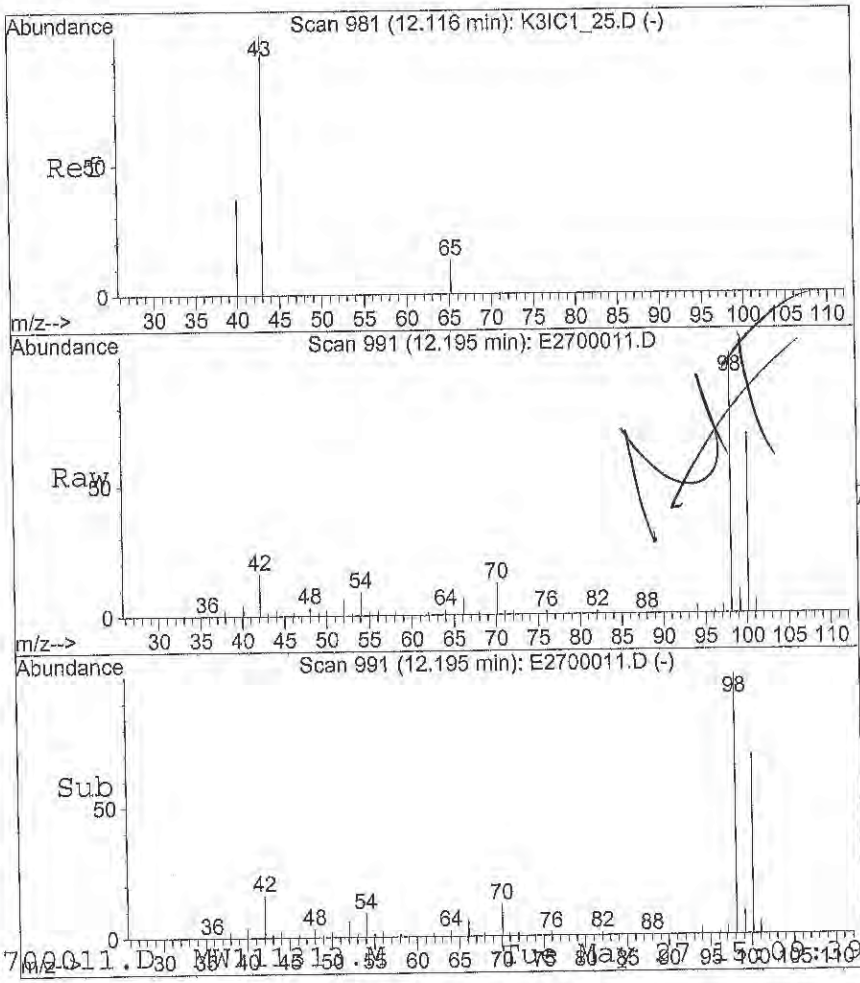


#35
Dibromomethane
Concen: 0.09 ug/L
RT: 11.00 min Scan# 850
Delta R.T. -0.21 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 93 Resp: 259

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.2	99.2#
174	0.0	75.5	113.3#

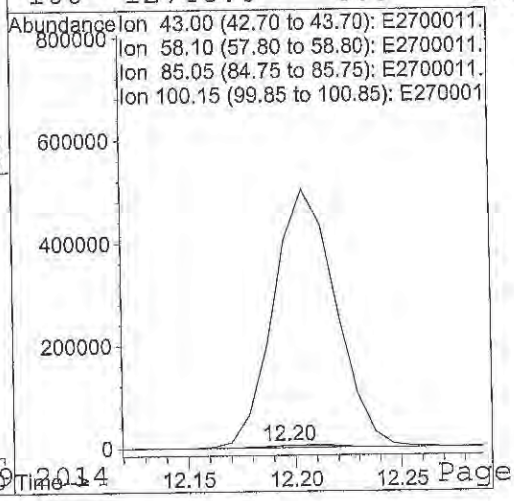


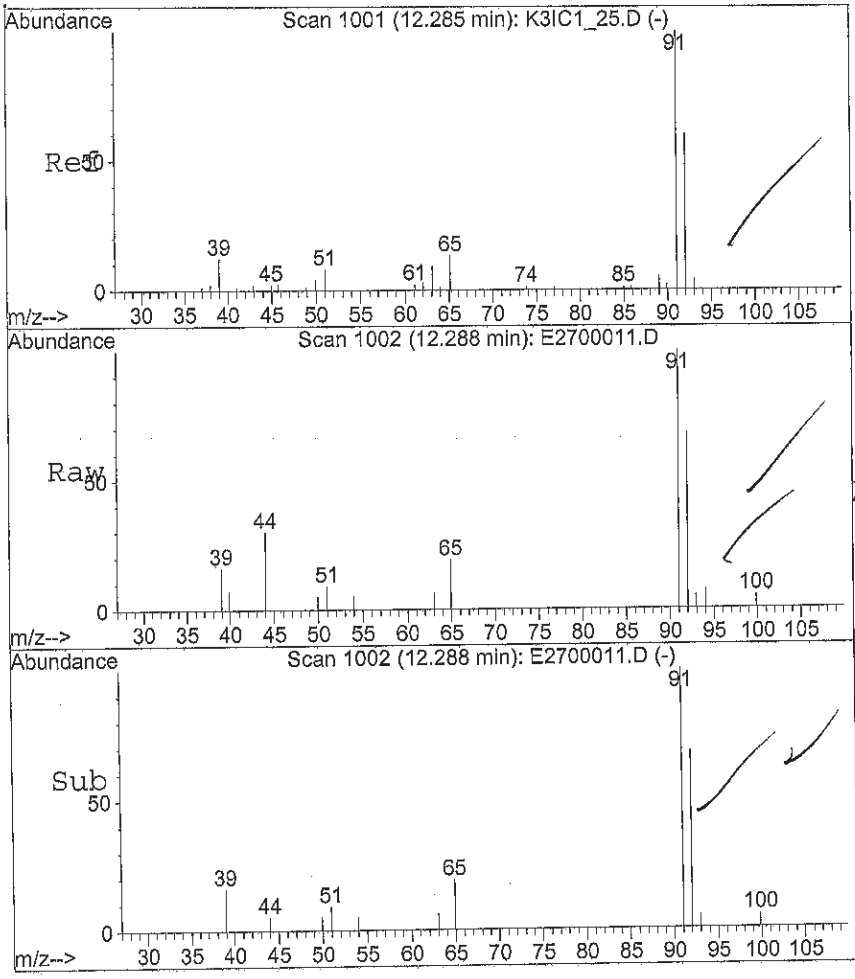


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 3.10 ug/L
RT: 12.20 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 43 Resp: 8060

Ion	Ratio	Lower	Upper
43	100		
58	135.7	0.0	0.0#
85	0.0	0.0	0.0
100	12746.0	0.0	0.0#

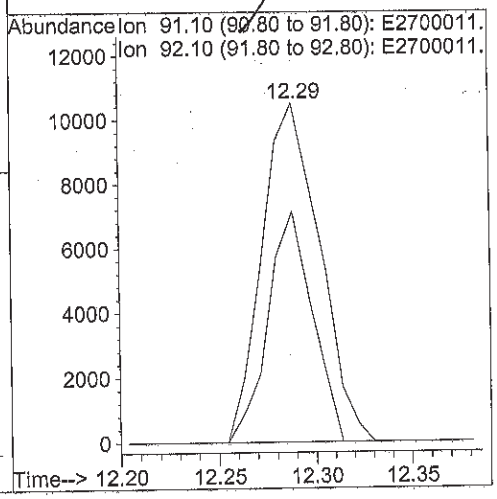


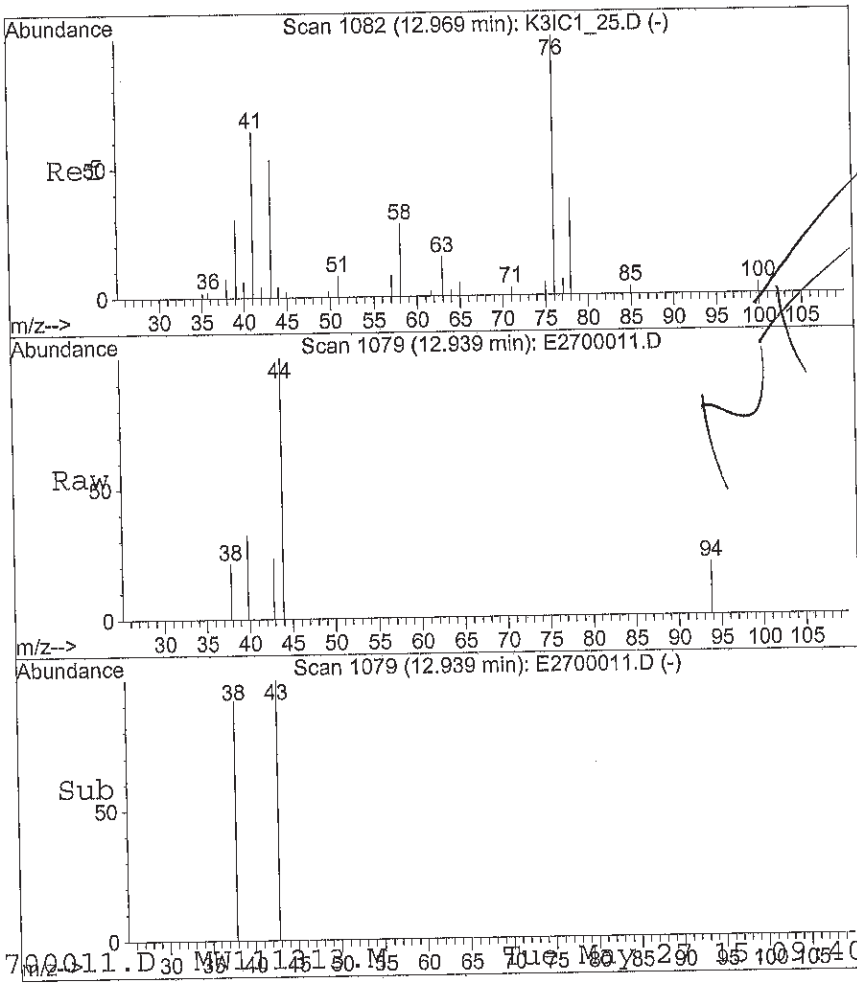


#41
Toluene
Concen: 1.22 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 91 Resp: 21574

Ion	Ratio	Lower	Upper
91	100		
92	52.5	47.4	71.0

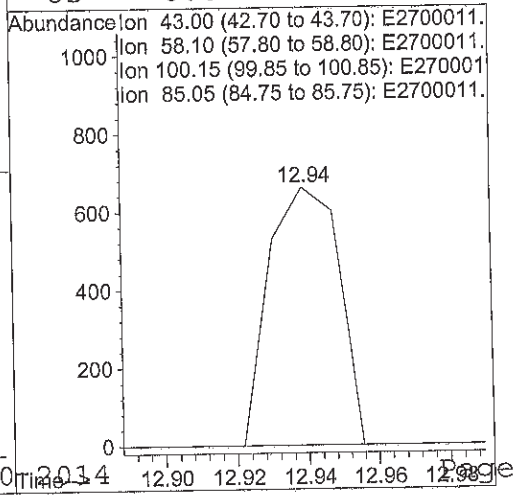


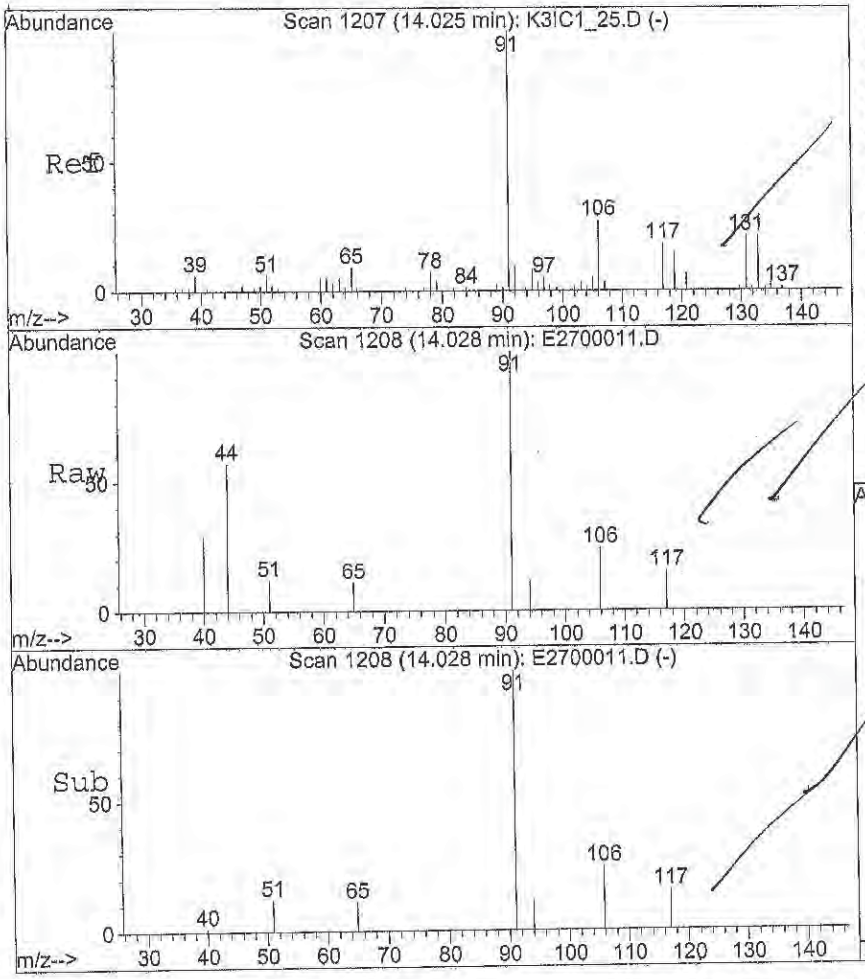


#46
2-Hexanone
Concen: 0.32 ug/L
RT: 12.94 min Scan# 1079
Delta R.T. -0.03 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 43 Resp: 908

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

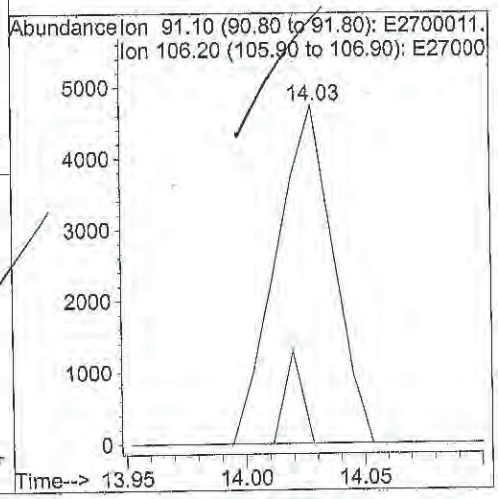


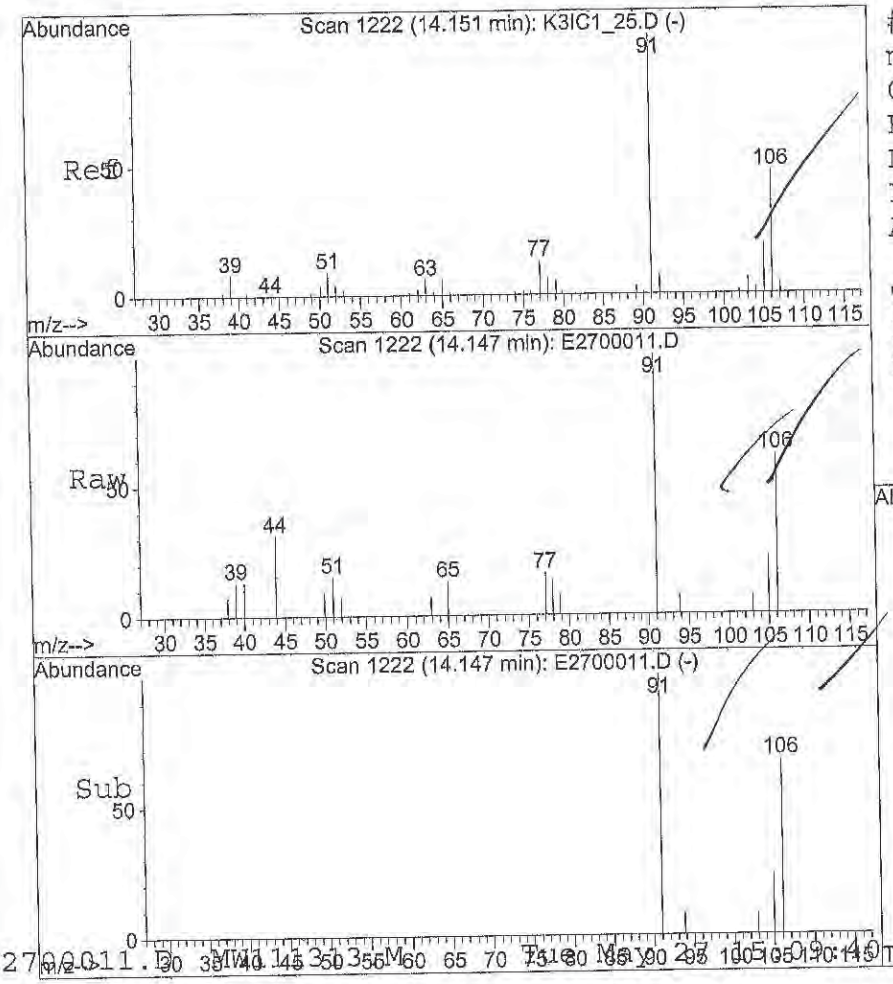


#51
Ethylbenzene
Concen: 0.39 ug/L
RT: 14.03 min Scan# 1208
Delta R.T. 0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 91 Resp: 7835

Ion	Ratio	Lower	Upper
91	100		
106	8.3	23.5	35.3#

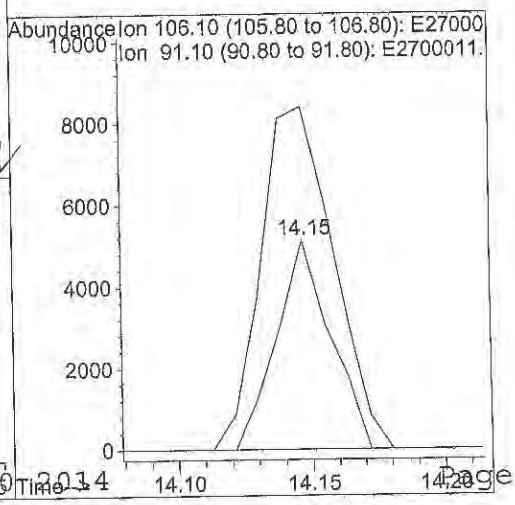


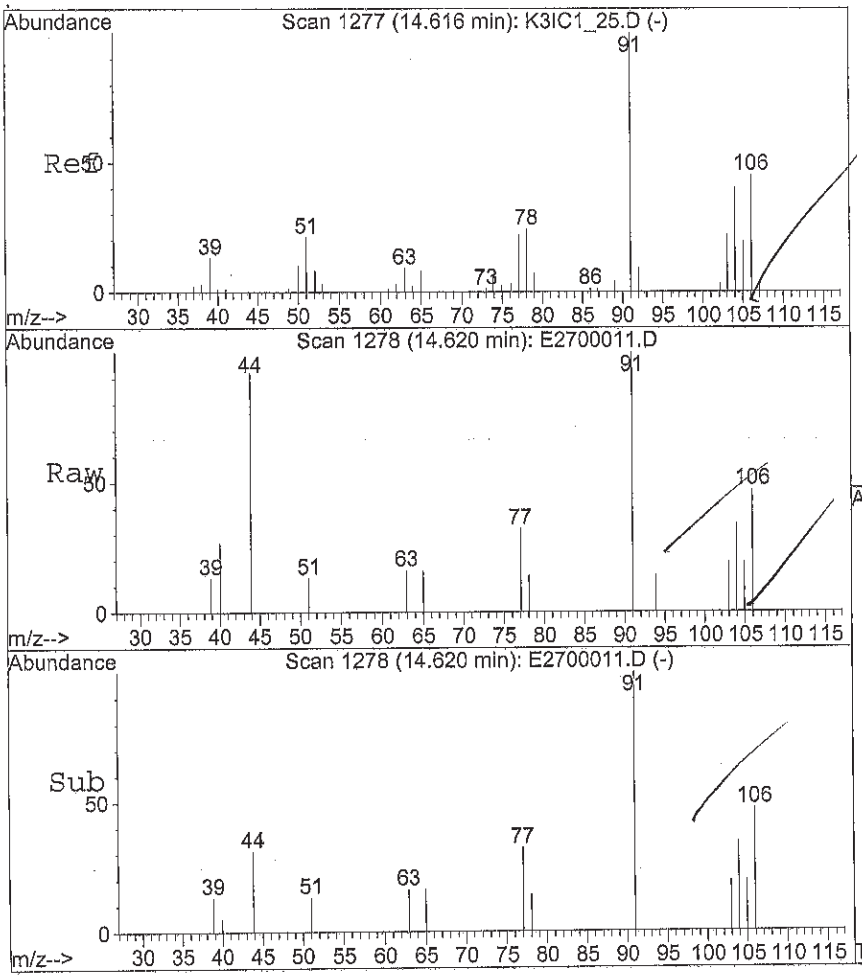


#52
m,p-Xylenes
Concen: 1.01 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:106 Resp: 7224

Ion	Ratio	Lower	Upper
106	100		
91	218.6	177.1	265.7

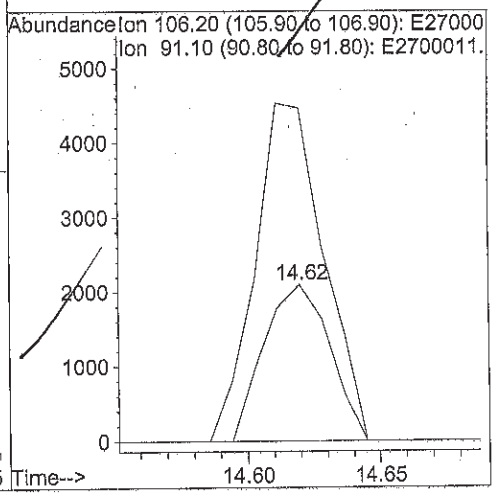


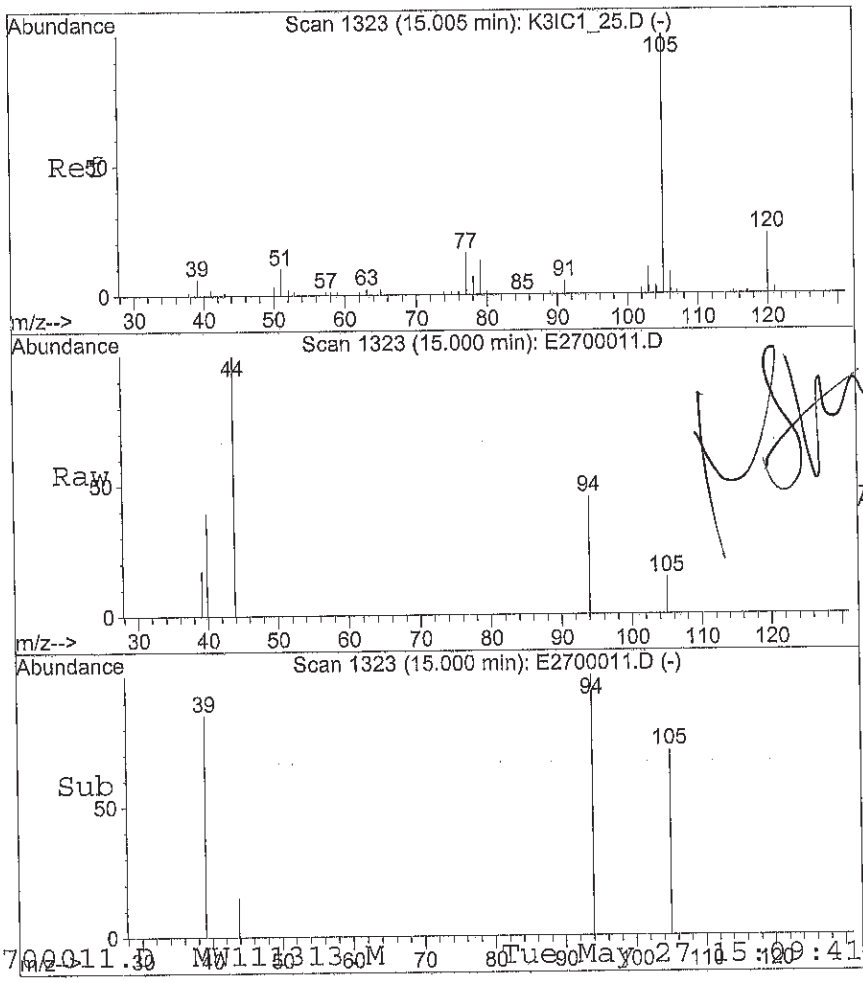


#53
o-Xylene
Concen: 0.51 ug/L
RT: 14.62 min Scan# 1278
Delta R.T. 0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:106 Resp: 3589

Ion	Ratio	Lower	Upper
106	100		
91	225.8	179.0	268.6

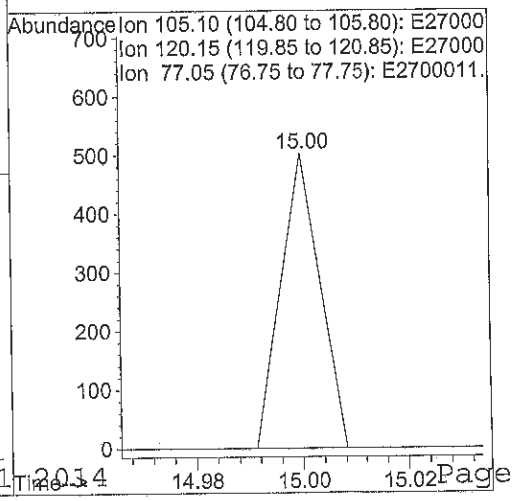


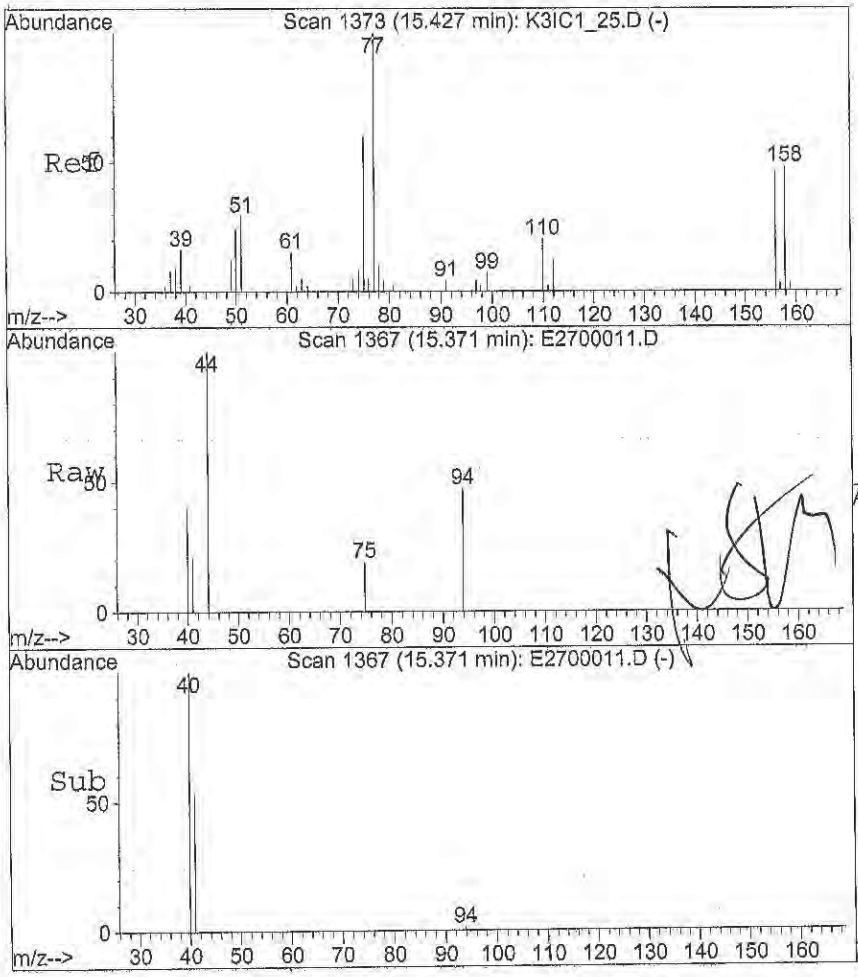


#56
Isopropylbenzene
Concen: 0.01 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:105 Resp: 254

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

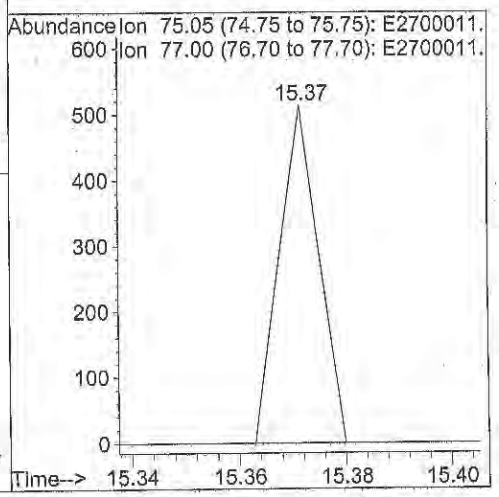


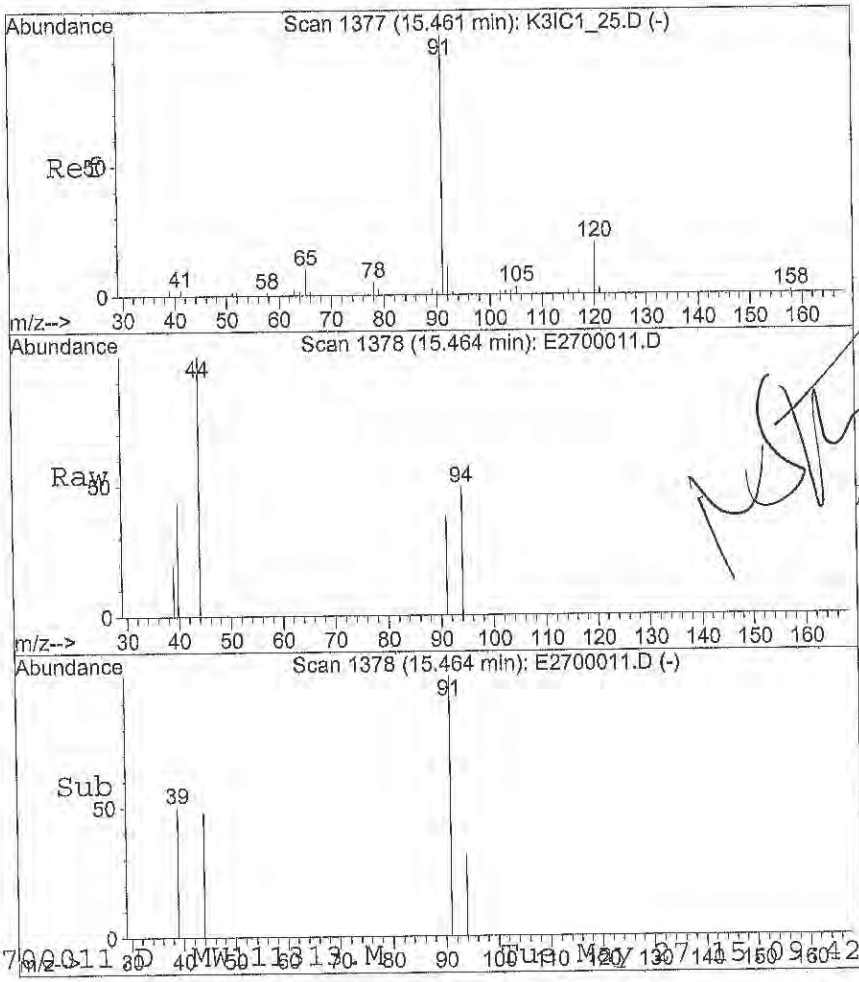


#57
1,2,3-Trichloropropane
Concen: 0.05 ug/L
RT: 15.37 min Scan# 1367
Delta R.T. -0.06 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 75 Resp: 260

Ion	Ratio	Lower	Upper
75	100		
77	0.0	31.2	46.8#

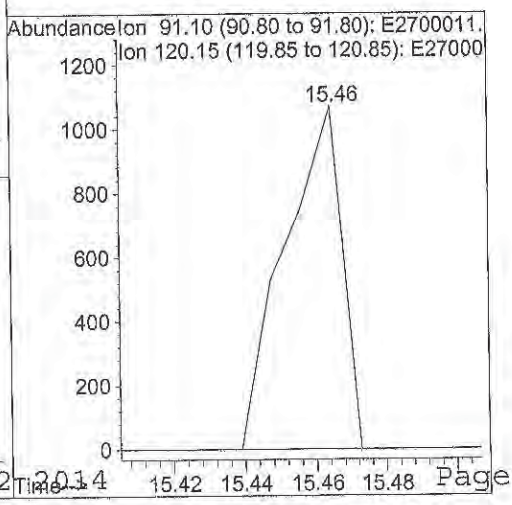


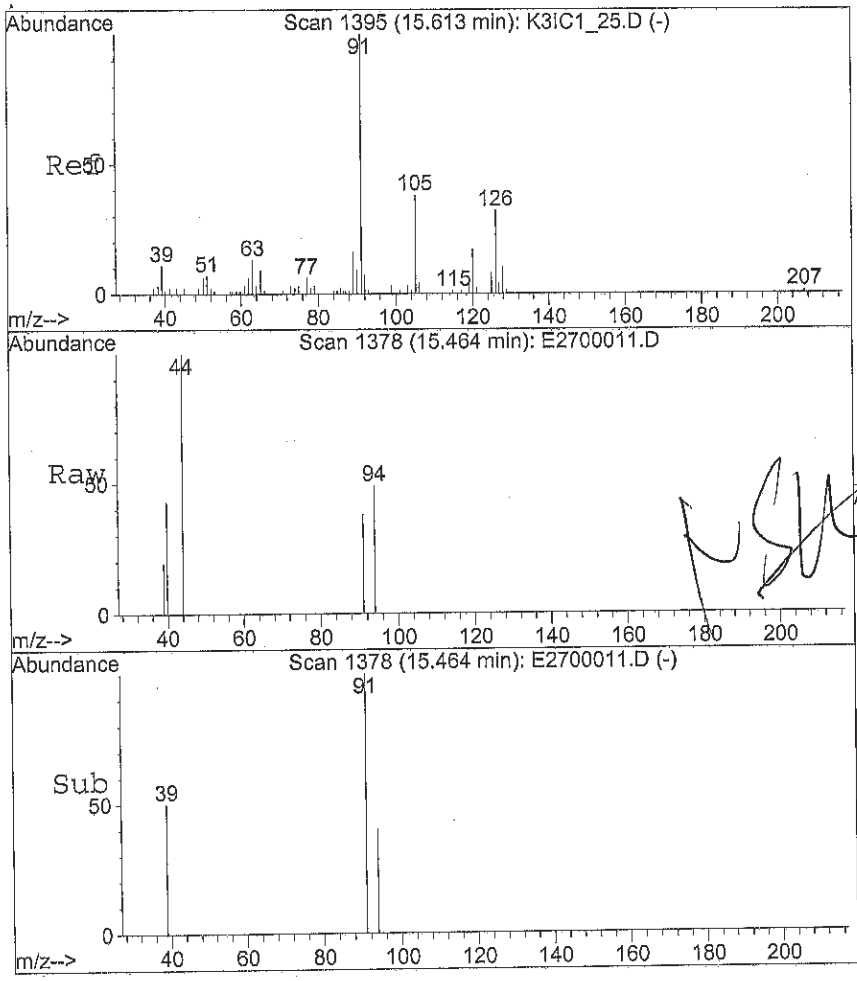


#62
n-Propylbenzene
Concen: 0.04 ug/L
RT: 15.46 min Scan# 1378
Delta R.T. 0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 91 Resp: 1192

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

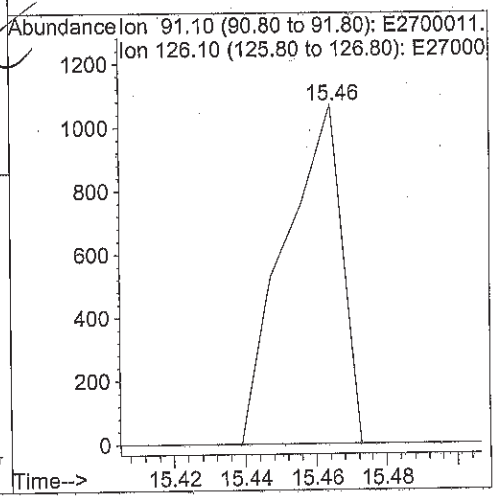


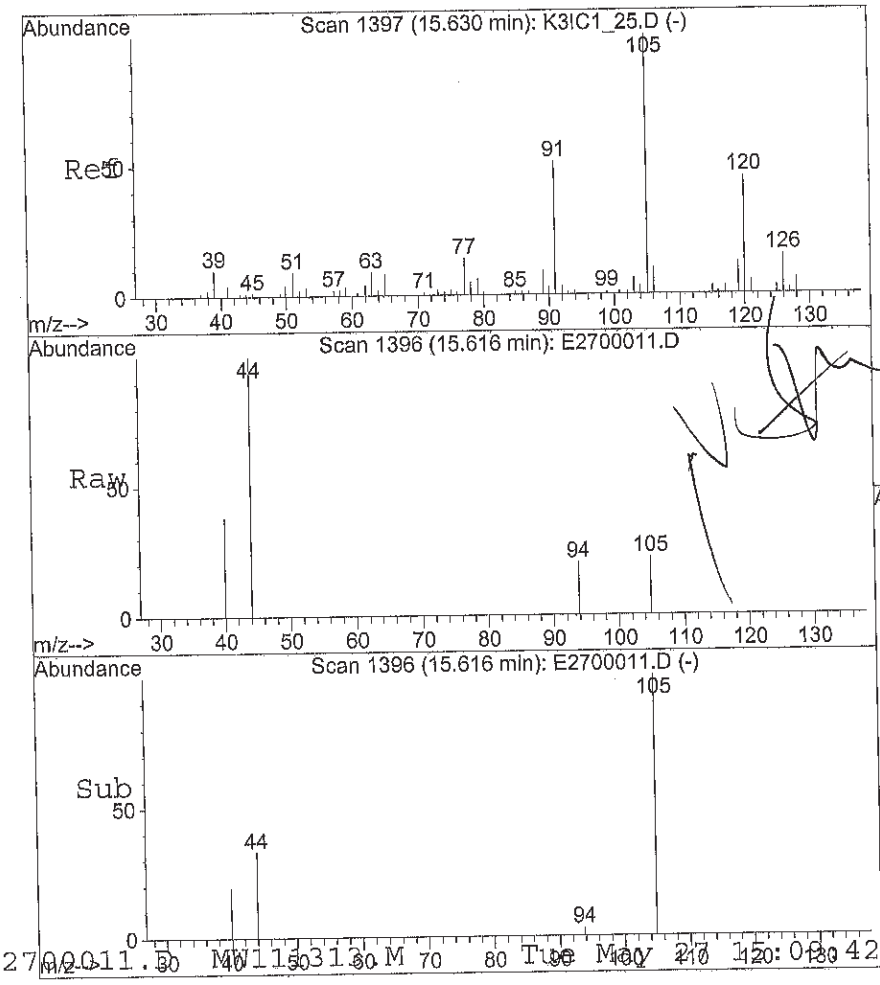


#63
2-Chlorotoluene
Concen: 0.07 ug/L
RT: 15.46 min Scan# 1378
Delta R.T. -0.15 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion: 91 Resp: 1192

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

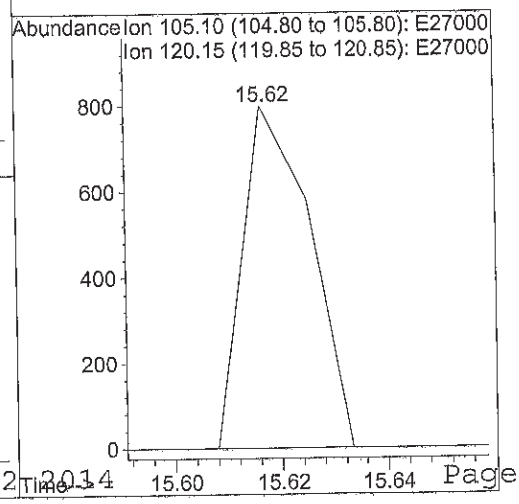


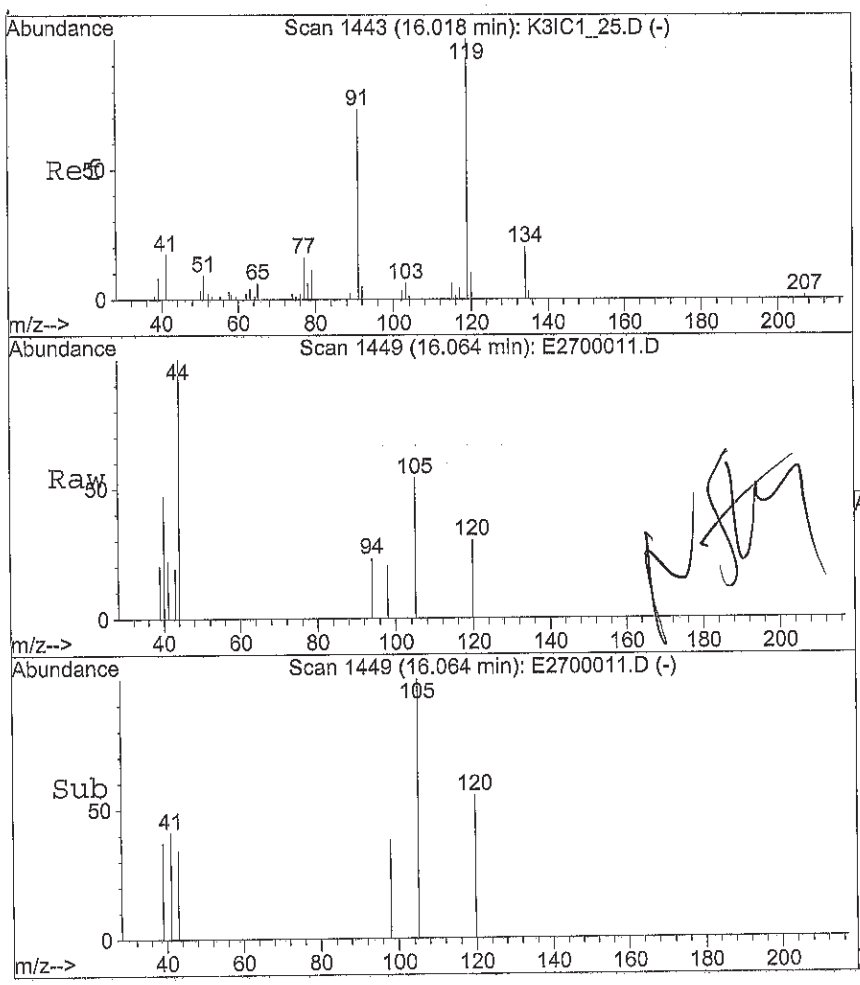


#64
1,3,5-Trimethylbenzene
Concen: 0.04 ug/L
RT: 15.62 min Scan# 1396
Delta R.T. -0.01 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:105 Resp: 699

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

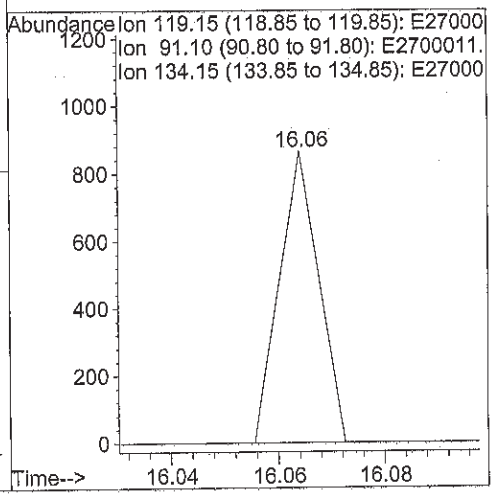


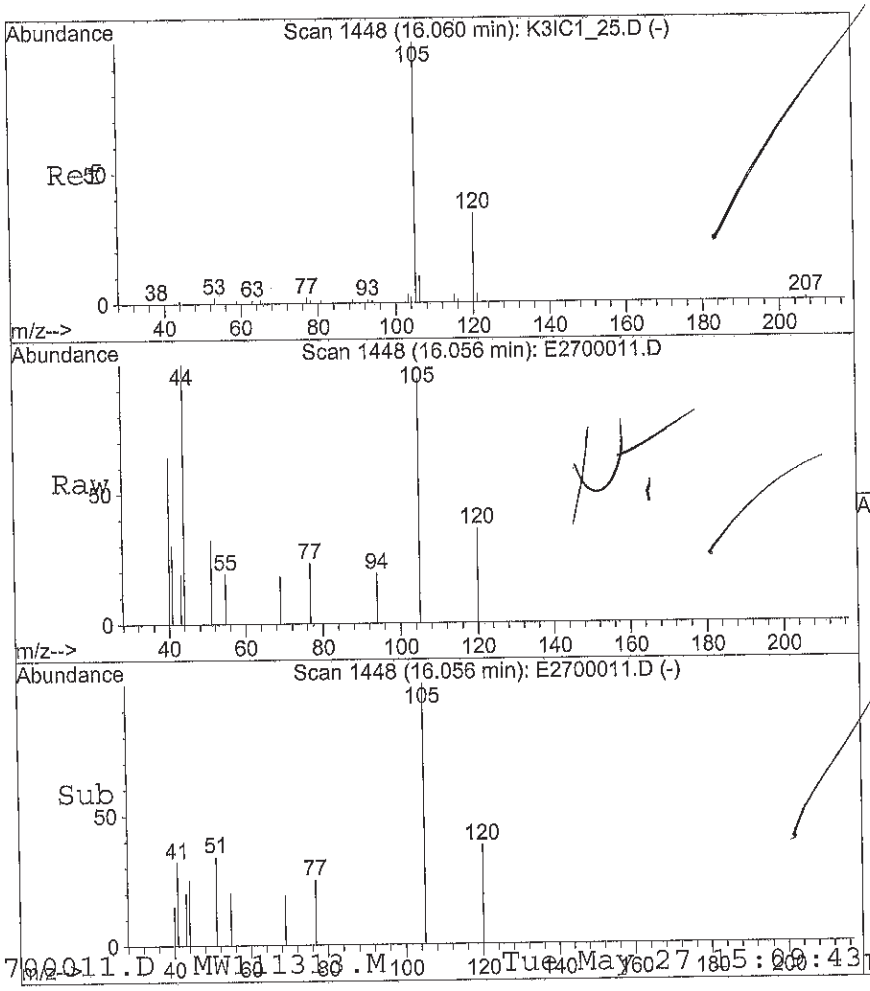


#66
tert-Butylbenzene
Concen: 0.03 ug/L
RT: 16.06 min Scan# 1449
Delta R.T. 0.05 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:119 Resp: 438

Ion	Ratio	Lower	Upper
119	100		
91	0.0	56.3	84.5#
134	0.0	16.1	24.1#

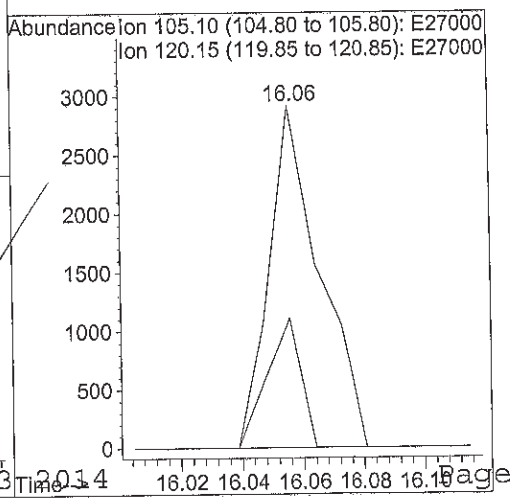


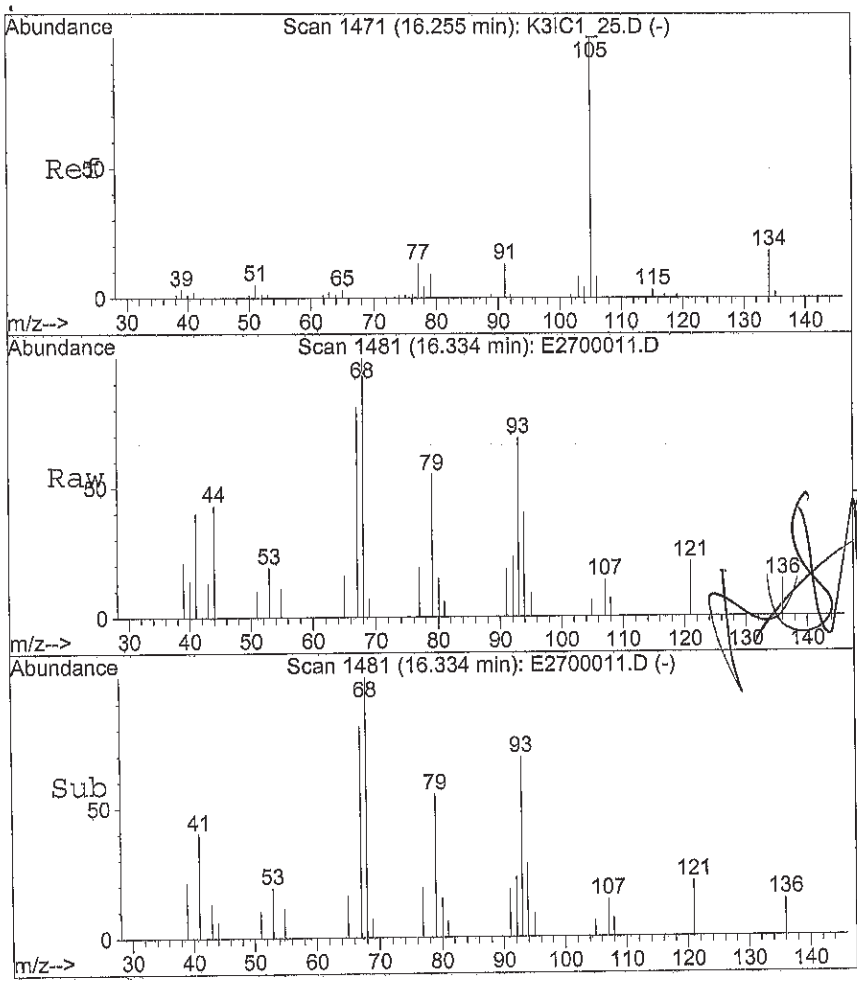


#67
1,2,4-Trimethylbenzene
Concen: 0.19 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:105 Resp: 3346

Ion	Ratio	Lower	Upper
105	100		
120	25.3	33.8	50.8#

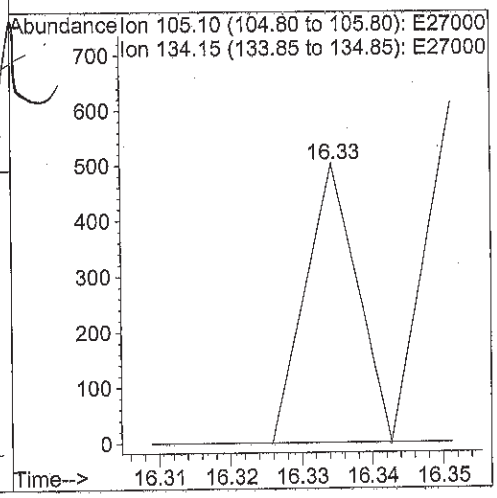


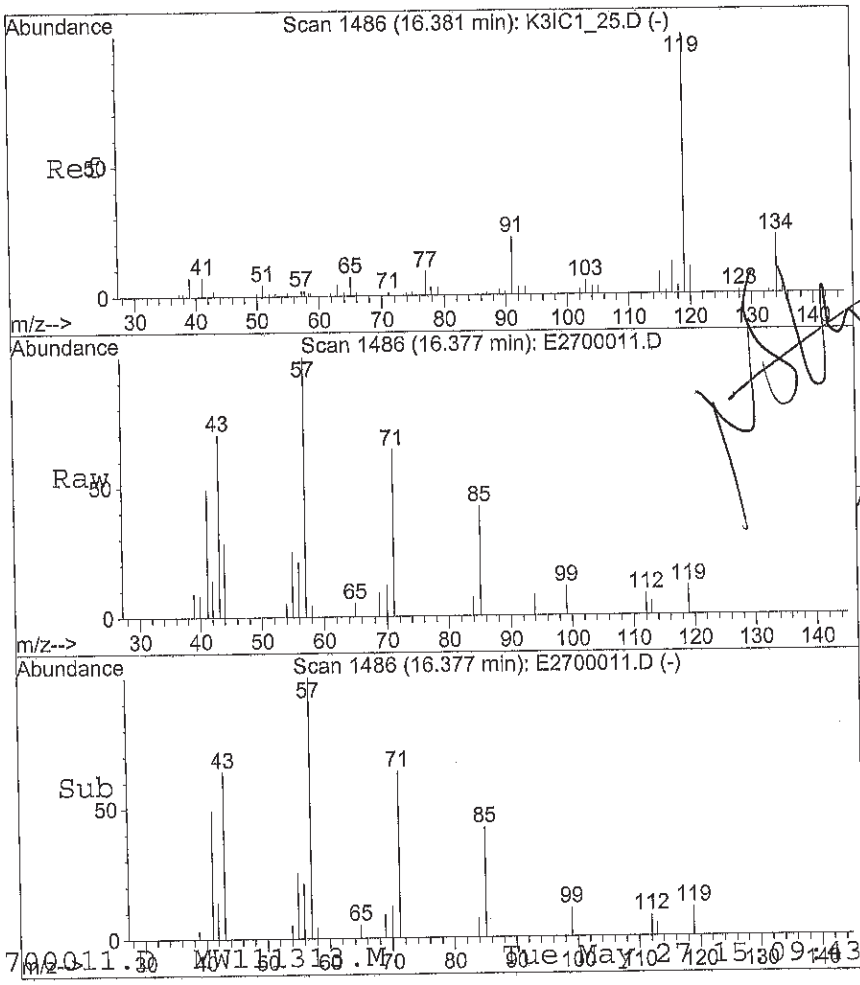


#68
sec-Butylbenzene
Concen: 0.01 ug/L
RT: 16.33 min Scan# 1481
Delta R.T. 0.08 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:105 Resp: 254

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

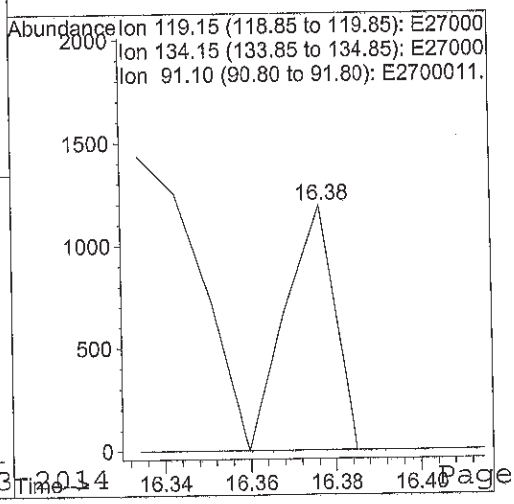




#69
p-Isopropyltoluene
Concen: 0.05 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.00 min
Lab File: E2700011.D
Acq: 27 May 2014 2:34 pm

Tgt Ion:119 Resp: 950

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700011.D Vial: 2
Acq On : 27 May 2014 2:34 pm Operator: DN
Sample : 3E42701-08 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-15.5-16.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 15:11 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1694263	12.50 ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.92	117	1299834	12.50 ug/L	0.00
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	693994	12.50 ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	481941	10.94 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 87.52%		
3) Chloroform-d (SU6)	9.18	84	737747	11.67 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 93.36%		
4) Methylene Chloride-d2 (SU5	7.07	86	423594	11.46 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 91.68%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	462116	15.35 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 122.80%		
6) Benzene-d6 (SU7)	9.92	84	1415226	10.64 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 85.12%		
8) Toluene-d8 (SU3)	12.20	98	1510269	12.25 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 98.00%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	709259	13.93 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 111.44%		

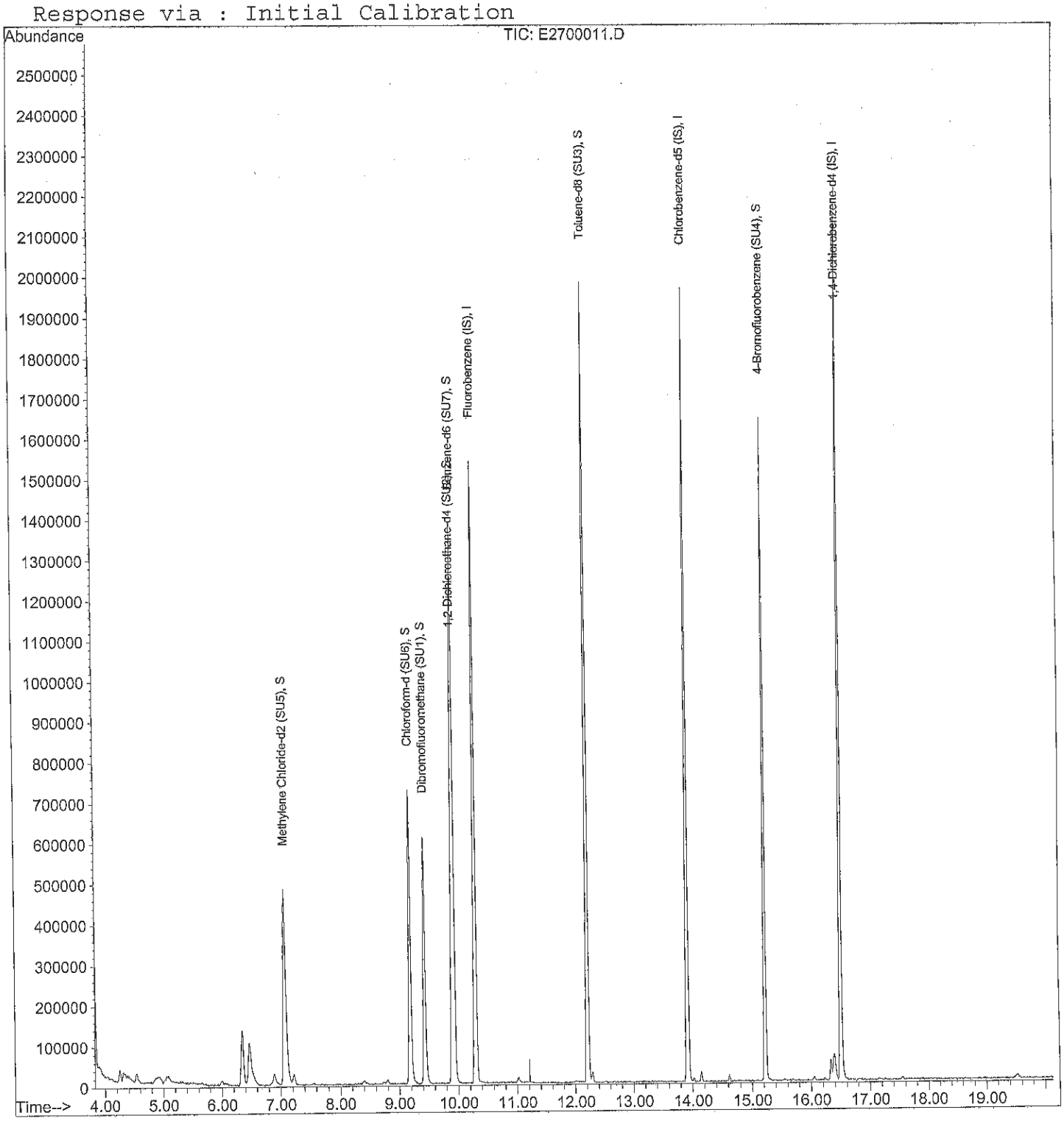
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700011.D Vial: 2
Acq On : 27 May 2014 2:34 pm Operator: DN
Sample : 3E42701-08 Inst : GC/MS Ins
Misc : 100cc SVL-513-SA5D-SV-15.5-16.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 15:11 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700012.D
Acq On : 27 May 2014 3:05 pm
Sample : 3E42701-09
Misc : 100cc SVL-512-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 27 15:29 19114

Vial: 3
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1679743	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1298736	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	682899	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	467074	11.15 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 89.20%		
28) 1,2-Dichloroethane-d4 (SU2	9.89	65	464879	11.67 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 93.36%		
39) Toluene-d8 (SU3)	12.21	98	1463111	12.08 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.64%		
58) 4-Bromofluorobenzene (SU4)	15.22	95	714057	13.44 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 107.52%		

Target Compounds					Qvalue
4) Chloromethane	4.41	50	4823	0.49 ~~ug/L #~~ NM	55
6) Bromomethane	5.12	96	262	-1.64 ~~ug/L #~~ NSL	1
7) Chloroethane	5.05	64	2826	2.71 ~~ug/L~~ NRT	95
9) (F113) 1,1,2-Trichloro-tri	6.35	151	17555	5.32 ug/L 0.1064	98
11) Acetone	6.48	58	10674	12.21 ~~ug/L~~ NT	92
12) (IPA) Leak Check Compound	6.46	45	231550	1147.17 ~~ug/L #~~ SM	86
13) Carbon disulfide	6.84	76	4995	0.36 ~~ug/L #~~ NT	92
14) Methylene Chloride	7.06	84	5984	1.30 ~~ug/L #~~	1
15) (TBA) tert-Butanol	7.14	59	328	1.14 ~~ug/L #~~	77
19) cis-1,2-Dichloroethene	8.99	96	271	0.05 ~~ug/L #~~	3
22) (DIPE) Diisopropyl Ether	8.15	45	260	0.02 ~~ug/L #~~	48
24) Chloroform	9.20	83	1793	0.20 ~~ug/L #~~	1
31) Benzene	9.92	78	11819	0.75 ~~ug/L #~~	81
32) 1,2-Dichloroethane	9.92	62	5561	0.99 ~~ug/L #~~	1
40) (MIBK) 4-Methyl-2-Pentanon	12.12	43	262	0.10 ~~ug/L #~~	100
41) Toluene	12.28	91	30636	1.73 ug/L 0.0346	91
46) 2-Hexanone	12.95	43	262	0.09 ~~ug/L~~ NT	37
51) Ethylbenzene	14.02	91	10200	0.51 ug/L # 0.0102	80
52) m,p-Xylenes	14.14	106	14632	2.04 ug/L 0.0408	97
53) o-Xylene	14.62	106	4834	0.68 ug/L 0.0136	79
54) Styrene	14.62	104	1936	-0.68 ~~ug/L #~~	40
56) Isopropylbenzene	15.00	105	287	0.01 ~~ug/L #~~	55

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700012.D Vial: 3
Acq On : 27 May 2014 3:05 pm Operator: DN
Sample : 3E42701-09 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 15:29 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

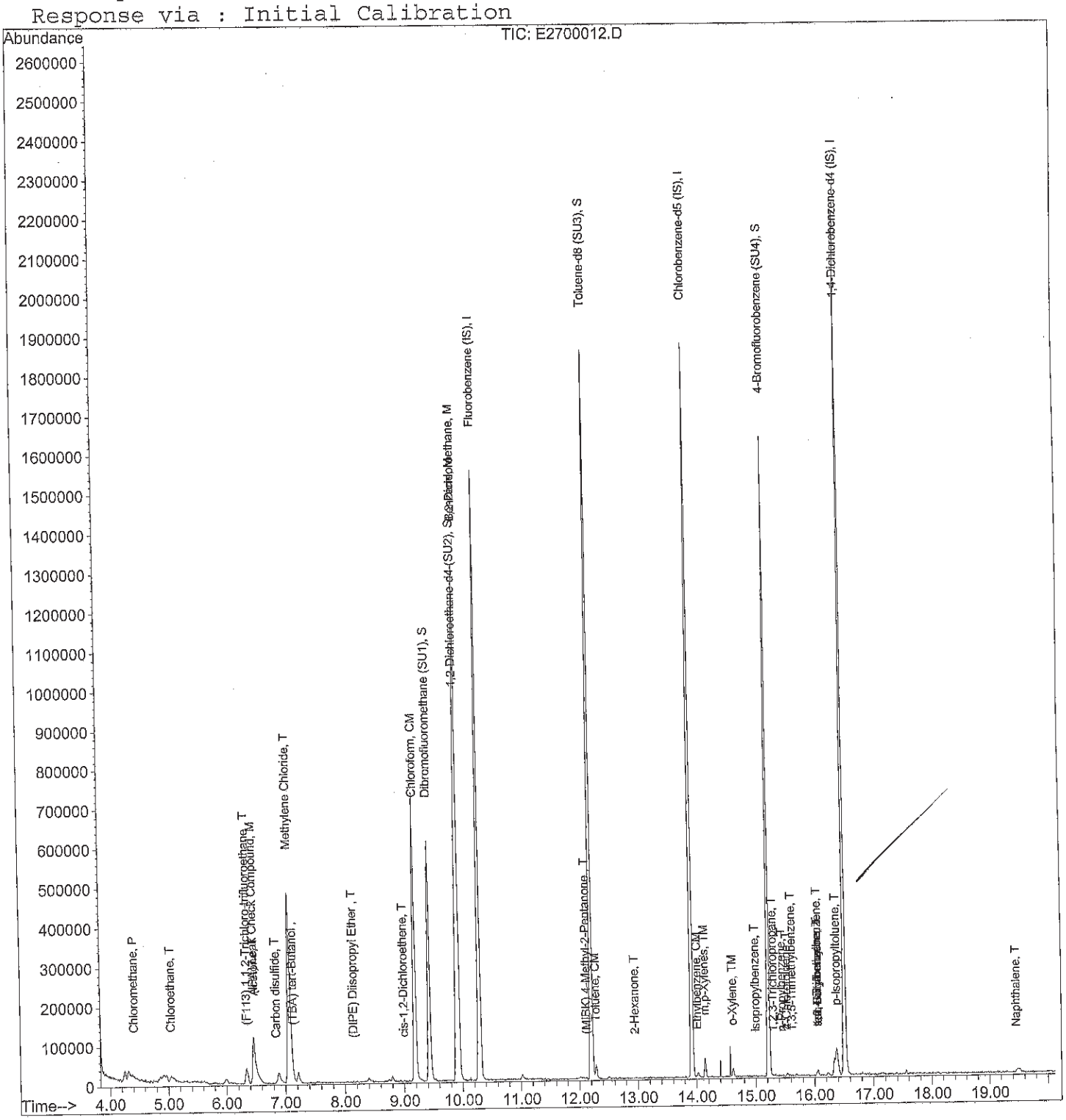
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
57) 1,2,3-Trichloropropane	15.31	75	307	0.06 ~~ug/L~~ #	36
62) n-Propylbenzene	15.45	91	2598	0.09 ~~ug/L~~ #	56
63) 2-Chlorotoluene	15.53	91	269	0.02 ~~ug/L~~ #	45
64) 1,3,5-Trimethylbenzene	15.62	105	857	0.05 ~~ug/L~~	89
65) 4-Chlorotoluene	15.53	91	269	0.02 ~~ug/L~~ #	44
66) tert-Butylbenzene	16.05	119	653	0.05 ~~ug/L~~ #	48
67) 1,2,4-Trimethylbenzene	16.06	105	6239	0.35 ug/L	97
68) sec-Butylbenzene	16.06	105	6239	0.27 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	1253	0.07 ~~ug/L~~ #	56
77) Naphthalene	19.45	128	986	0.07 ~~ug/L~~	100

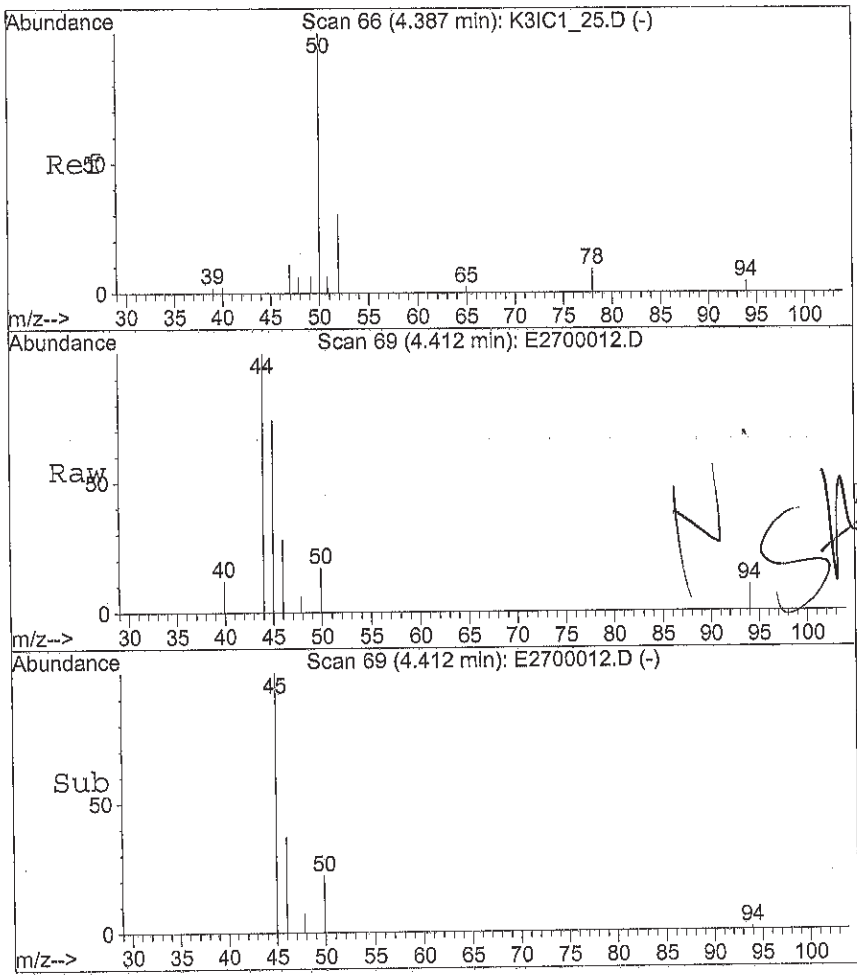
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700012.D Vial: 3
Acq On : 27 May 2014 3:05 pm Operator: DN
Sample : 3E42701-09 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 15:29 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

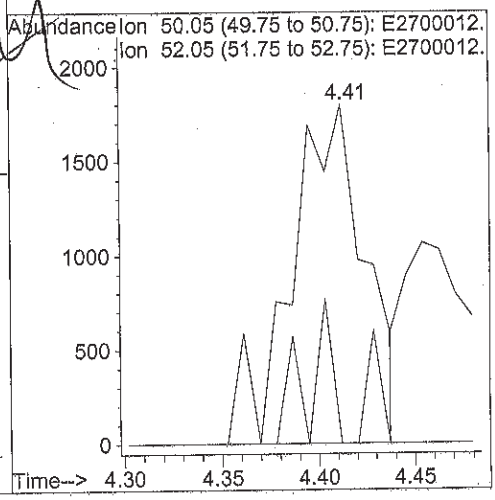


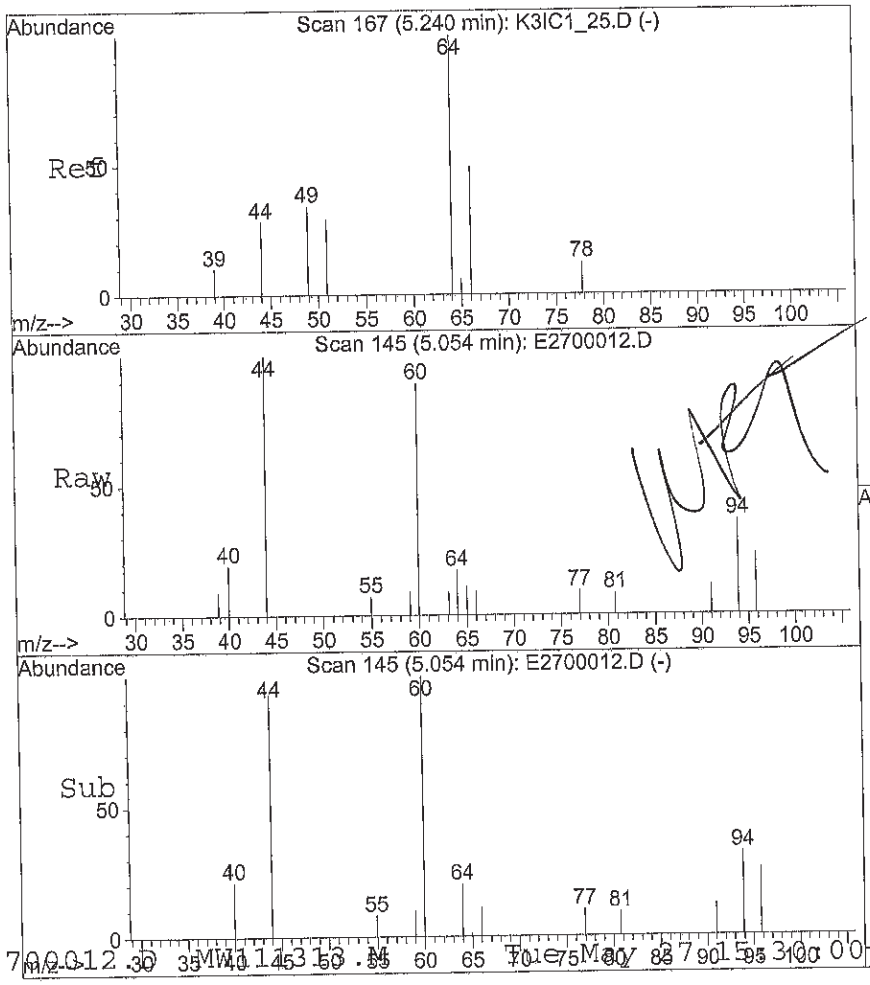


#4
Chloromethane
Concen: 0.49 ug/L
RT: 4.41 min Scan# 69
Delta R.T. 0.02 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 50 Resp: 4823

Ion	Ratio	Lower	Upper
50	100		
52	8.1	26.9	40.3#

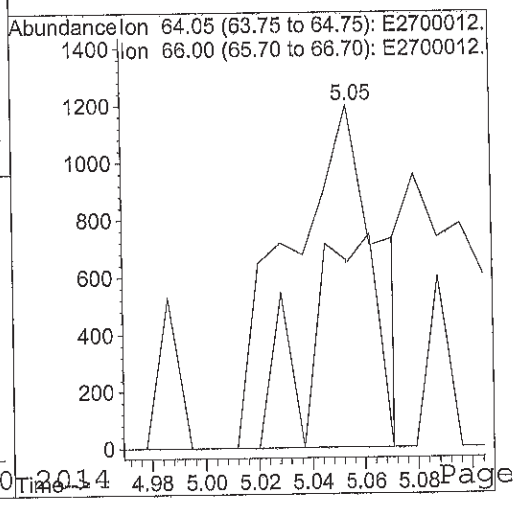


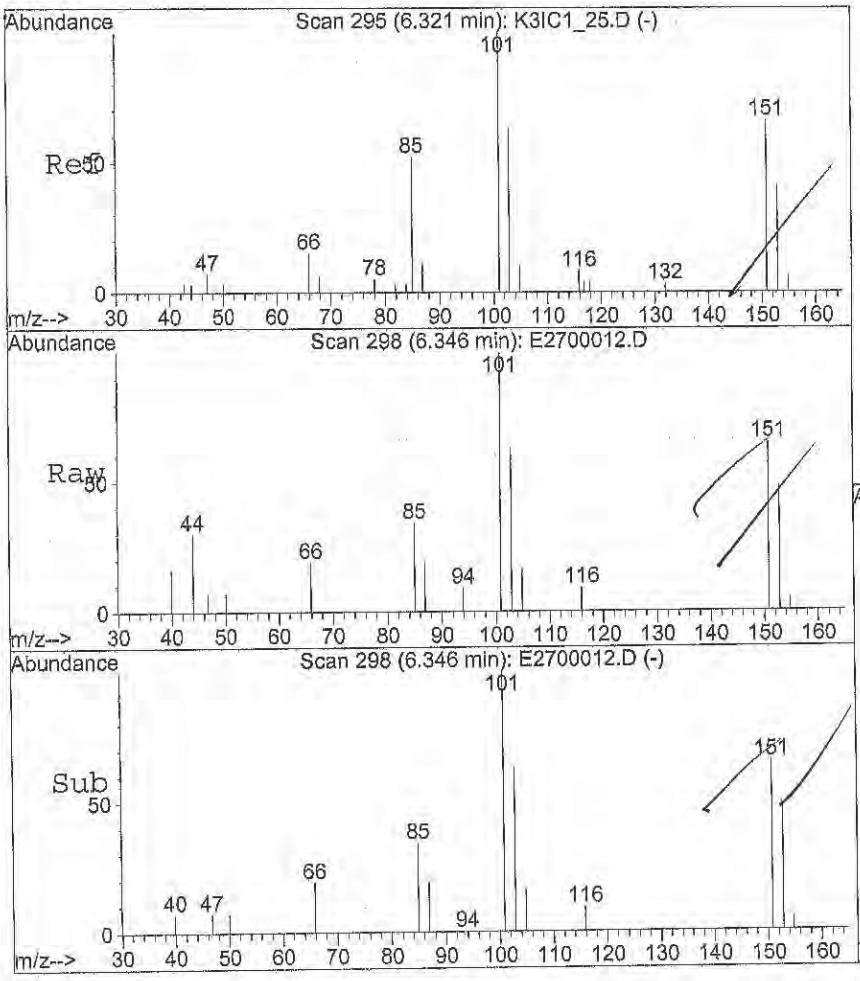


#7
Chloroethane
Concen: 2.71 ug/L
RT: 5.05 min Scan# 145
Delta R.T. -0.19 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 64 Resp: 2826

Ion	Ratio	Lower	Upper
64	100		
66	47.6	35.4	53.0

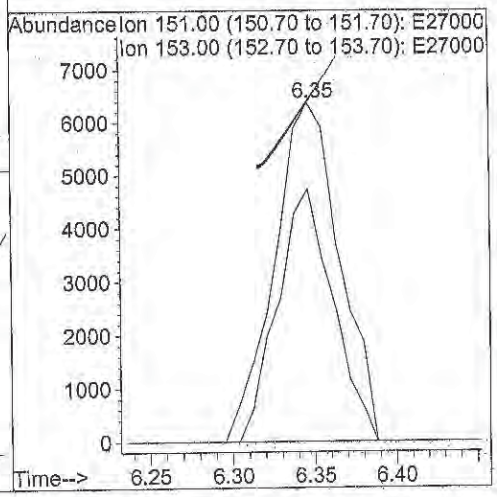


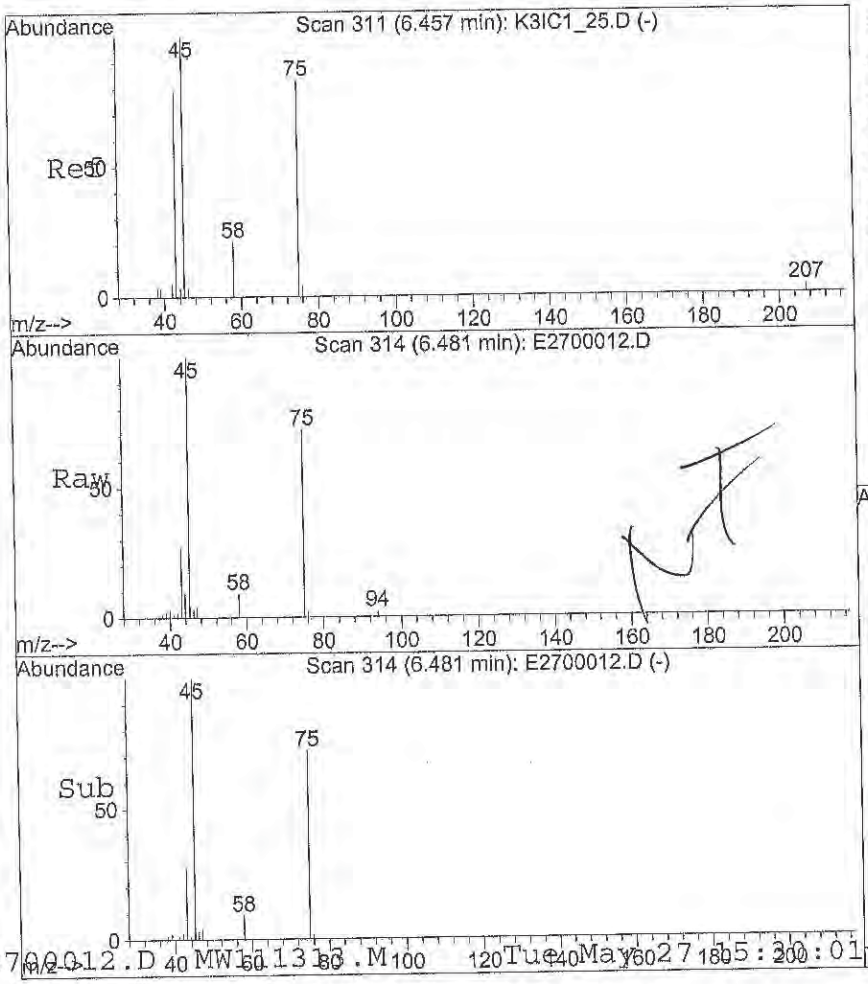


#9
(F113) 1,1,2-Trichloro-trifluor
Concen: 5.32 ug/L
RT: 6.35 min Scan# 298
Delta R.T. 0.03 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:151 Resp: 17555

Ion	Ratio	Lower	Upper
151	100		
153	63.3	49.6	74.4

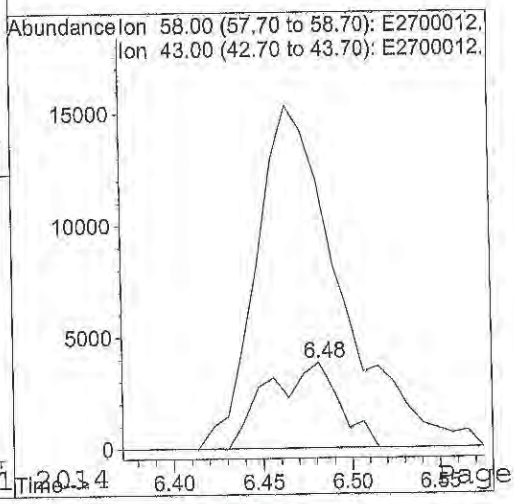


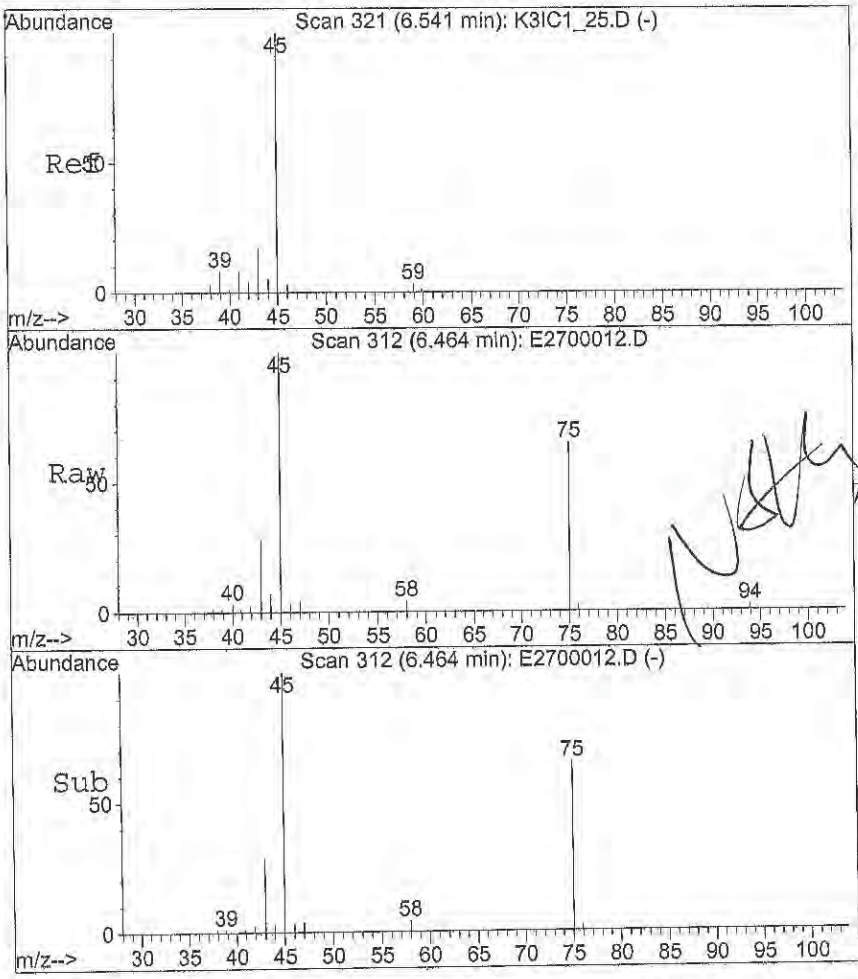


#11
Acetone
Concen: 12.21 ug/L
RT: 6.48 min Scan# 314
Delta R.T. 0.02 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 58 Resp: 10674

Ion	Ratio	Lower	Upper
58	100		
43	470.8	360.9	541.3

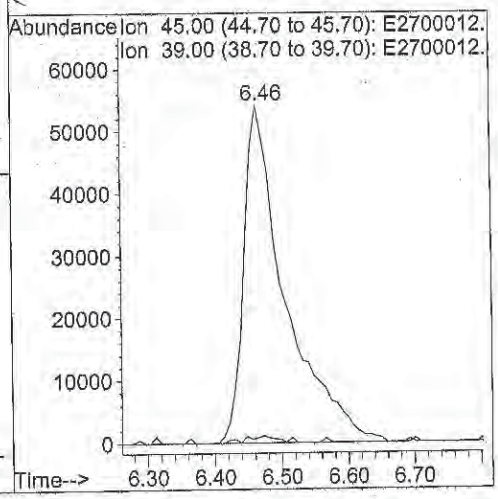


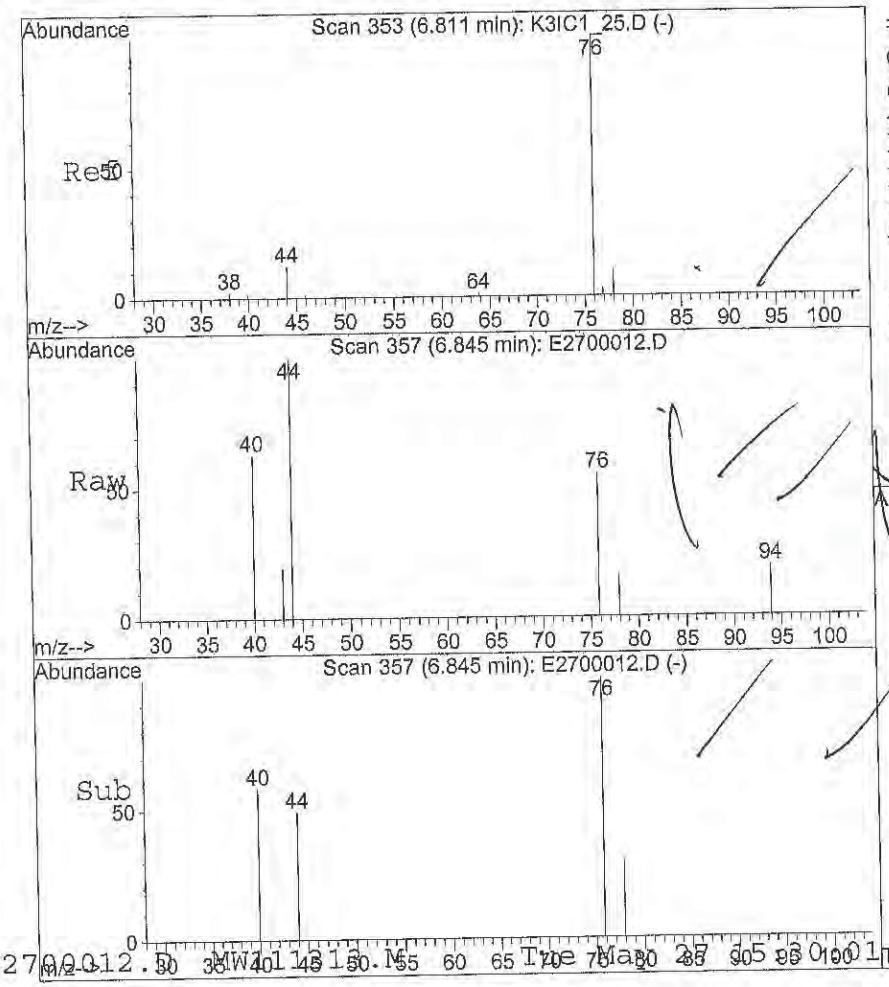


#12
(IPA) Leak Check Compound
Concen: 1147.17 ug/L
RT: 6.46 min Scan# 312
Delta R.T. -0.08 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 45 Resp: 231550

Ion	Ratio	Lower	Upper
45	100		
39	1.5	4.9	7.3#

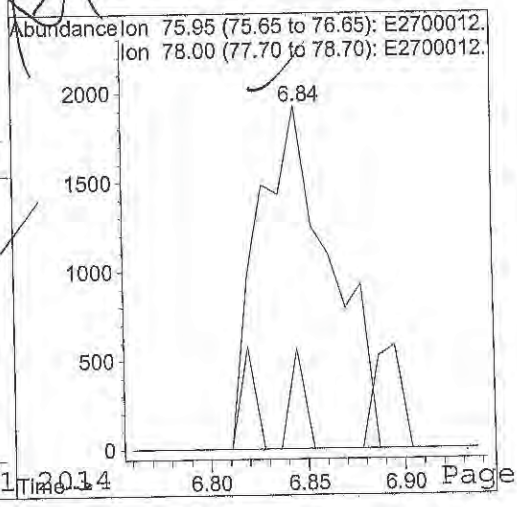


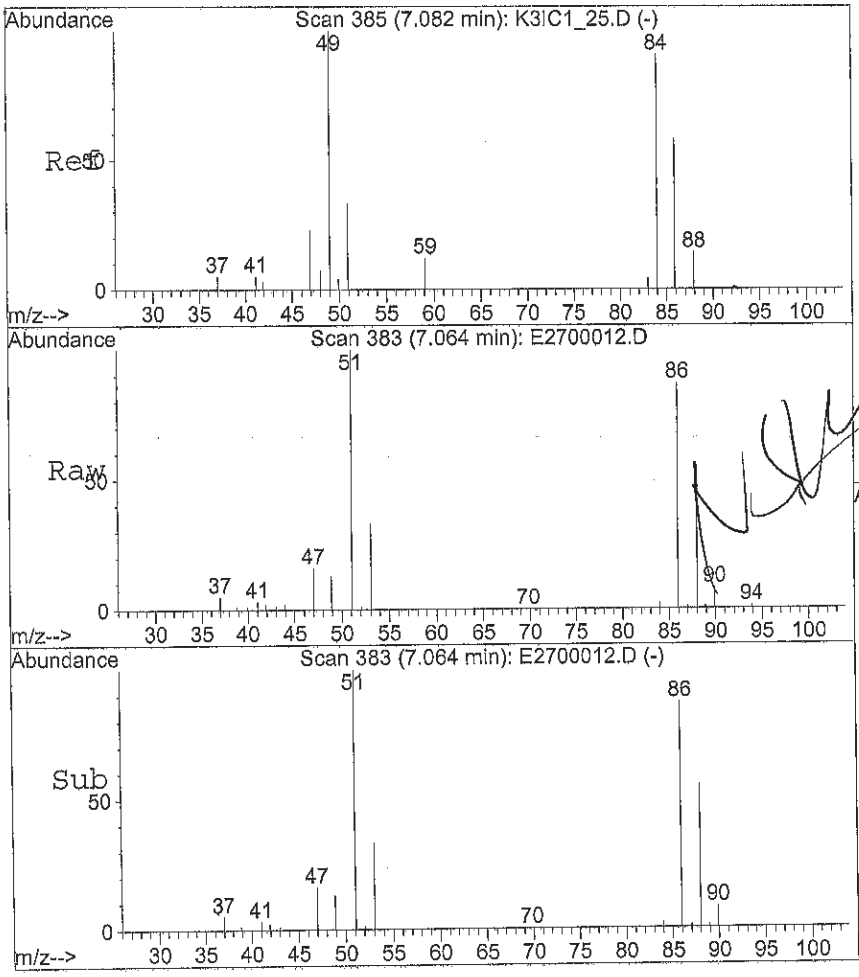


#13
Carbon disulfide
Concen: 0.36 ug/L
RT: 6.84 min Scan# 357
Delta R.T. 0.03 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 76 Resp: 4995

Ion	Ratio	Lower	Upper
76	100		
78	5.7	7.0	10.4#

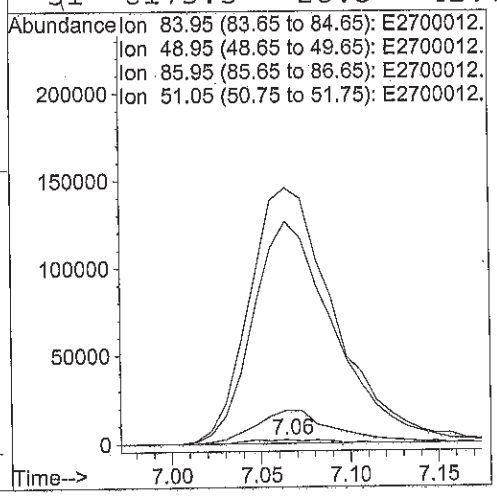


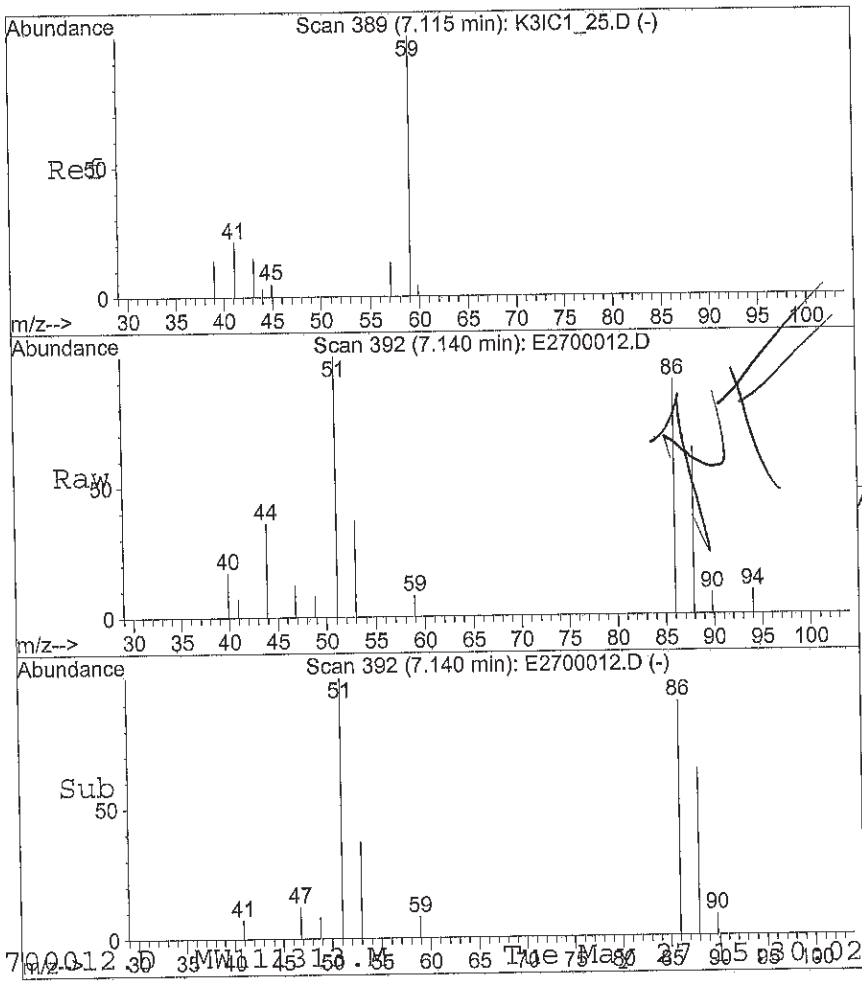


#14
Methylene Chloride
Concen: 1.30 ug/L
RT: 7.06 min Scan# 383
Delta R.T. -0.02 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 84 Resp: 5984

Ion	Ratio	Lower	Upper
84	100		
49	941.9	89.8	134.6#
86	6785.8	51.1	76.7#
51	8173.5	28.5	42.7#

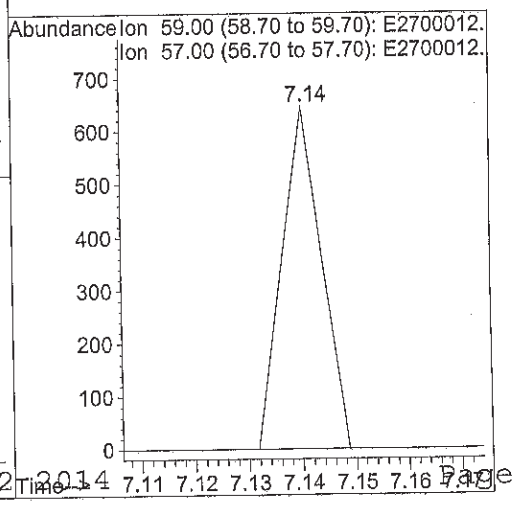


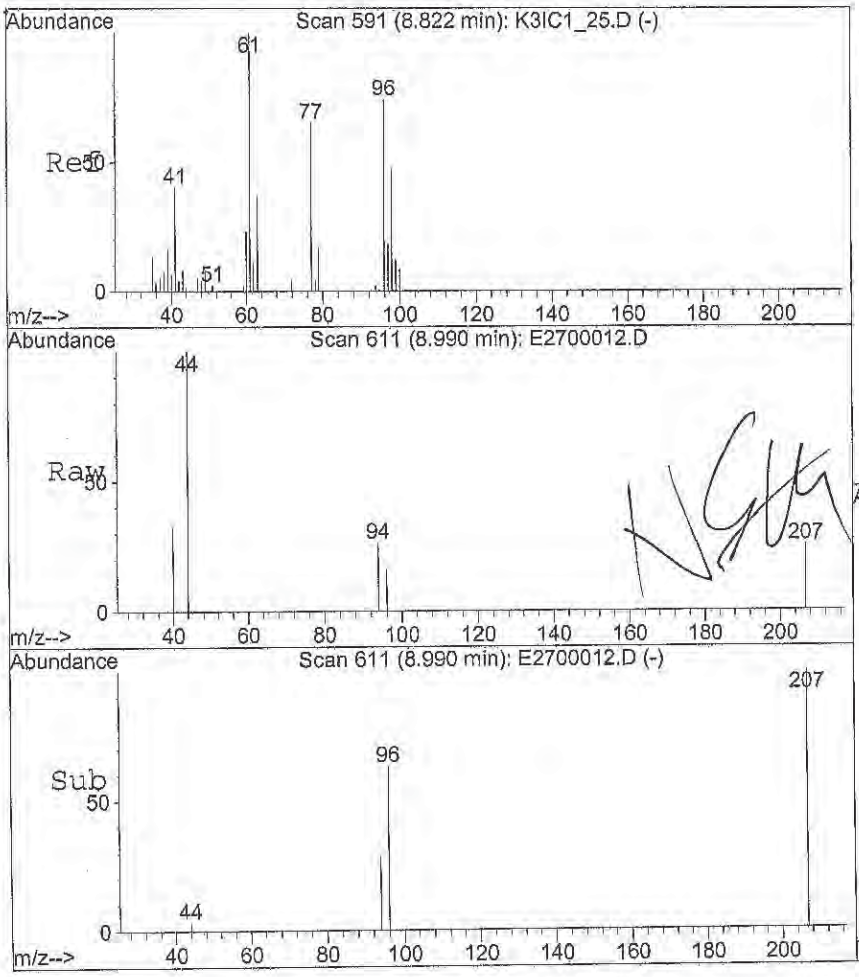


#15
(TBA) tert-Butanol
Concen: 1.14 ug/L
RT: 7.14 min Scan# 392
Delta R.T. 0.02 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 59 Resp: 328

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

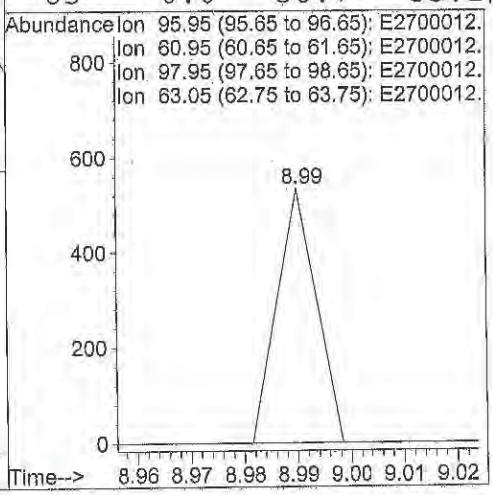


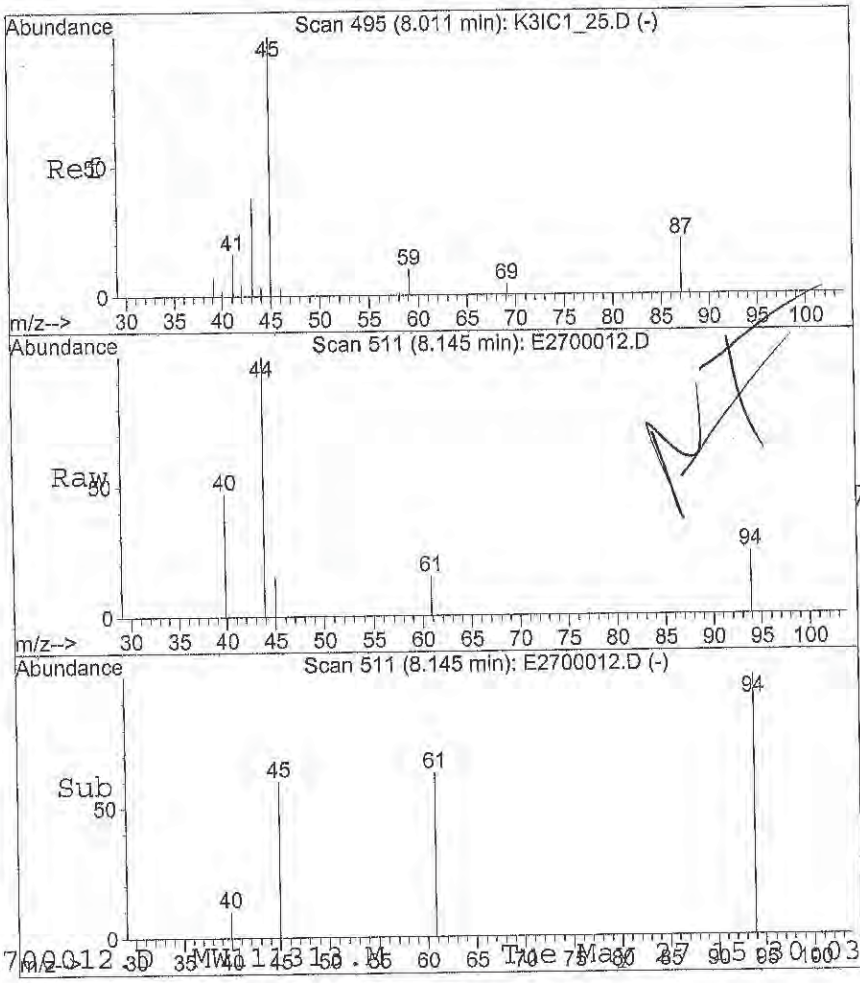


#19
cis-1,2-Dichloroethene
Concen: 0.05 ug/L
RT: 8.99 min Scan# 611
Delta R.T. 0.17 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 96 Resp: 271

Ion	Ratio	Lower	Upper
96	100		
61	0.0	110.3	165.5#
98	0.0	49.8	74.6#
63	0.0	36.7	55.1#

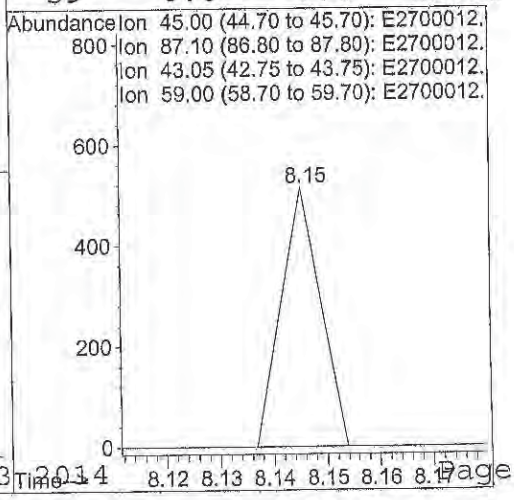


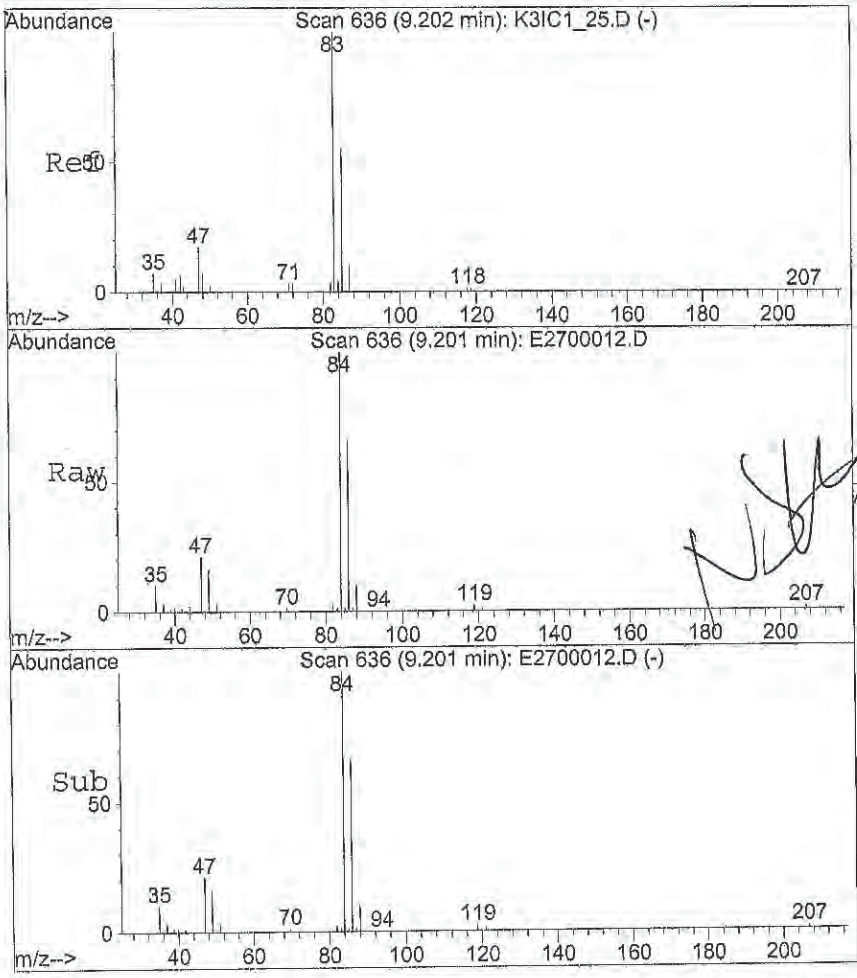


#22
(DIPE) Diisopropyl Ether
Concen: 0.02 ug/L
RT: 8.15 min Scan# 511
Delta R.T. 0.13 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 45 Resp: 260

Ion	Ratio	Lower	Upper
45	100		
87	0.0	17.0	25.6#
43	0.0	30.5	45.7#
59	0.0	7.4	11.2#

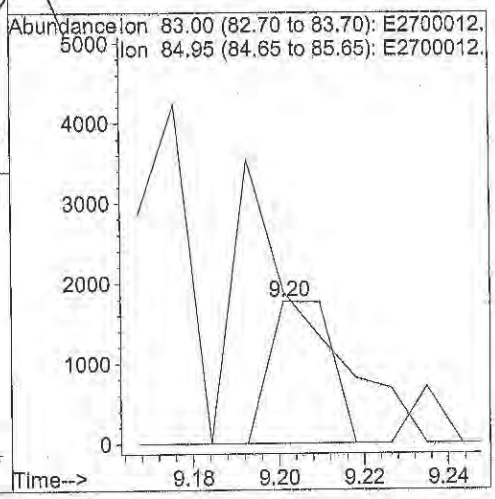


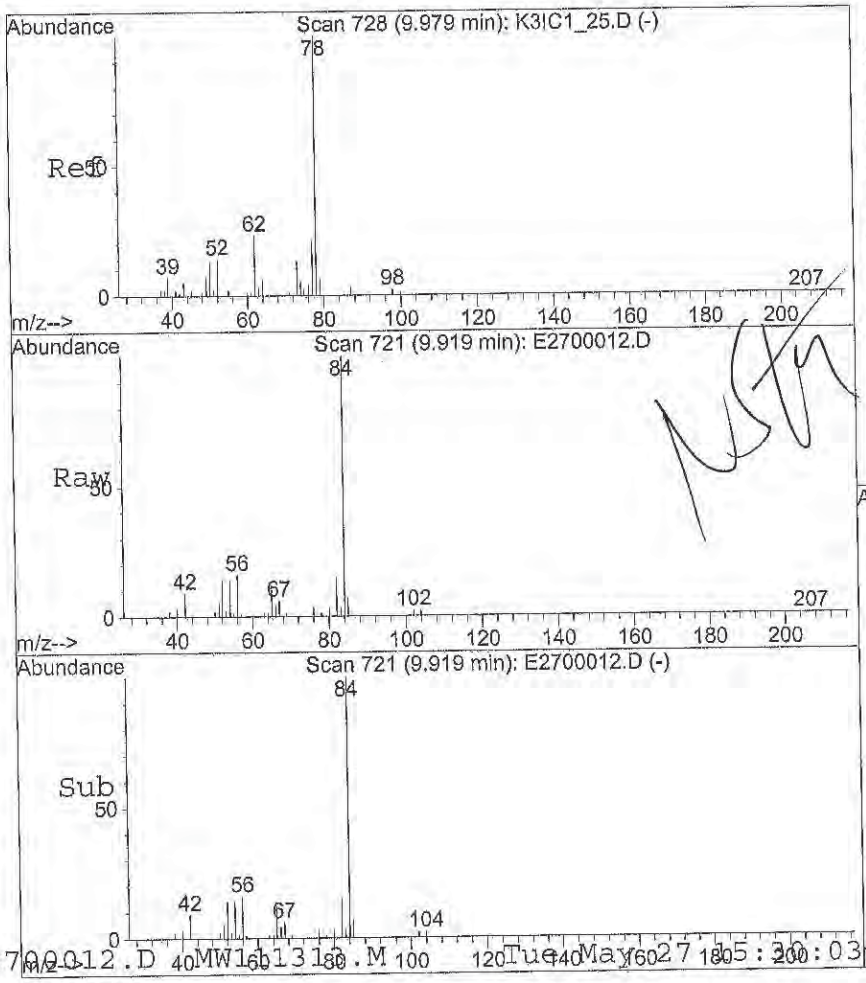


#24
Chloroform
Concen: 0.20 ug/L
RT: 9.20 min Scan# 636
Delta R.T. -0.00 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 83 Resp: 1793

Ion	Ratio	Lower	Upper
83	100		
85	233.4	51.8	77.6#

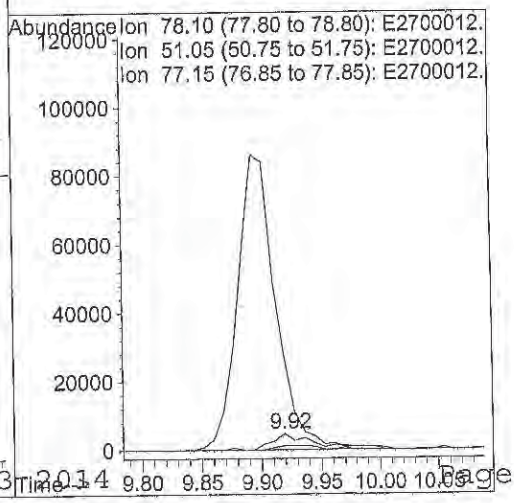


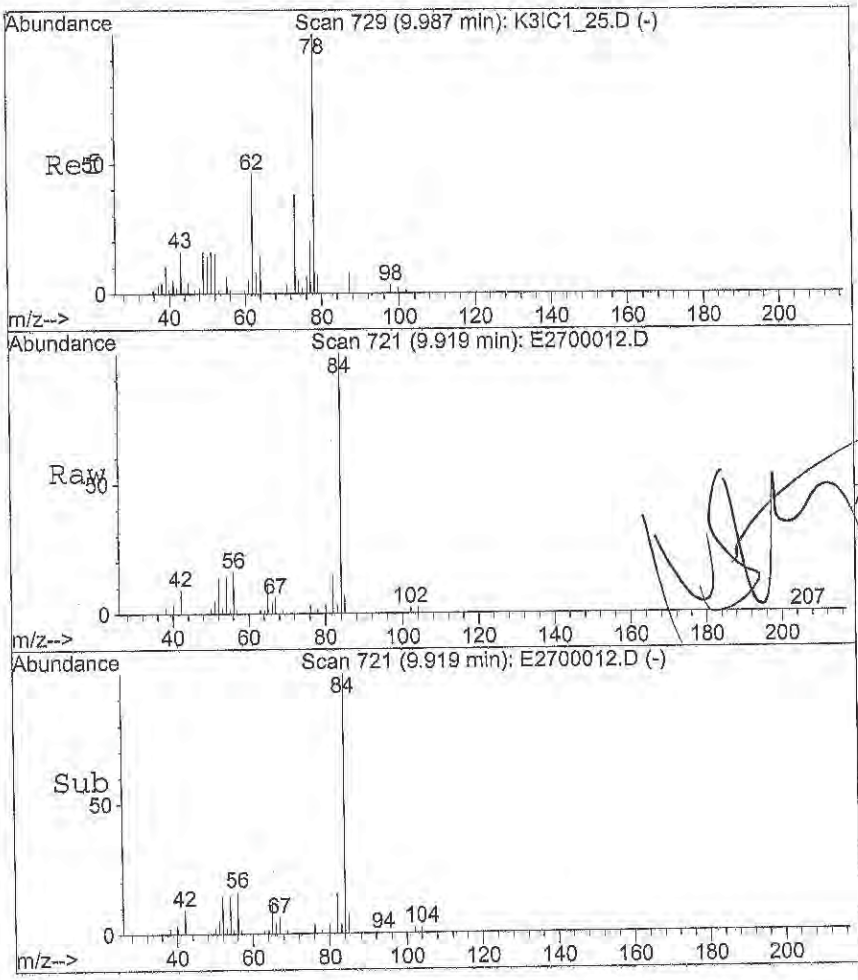


#31
Benzene
Concen: 0.75 ug/L
RT: 9.92 min Scan# 721
Delta R.T. -0.06 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 78 Resp: 11819

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	20.9	16.6	24.8

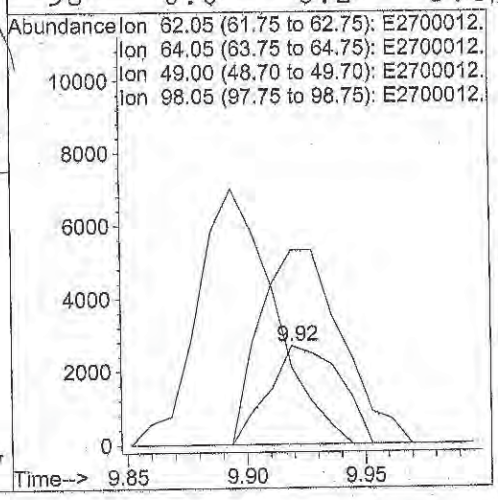


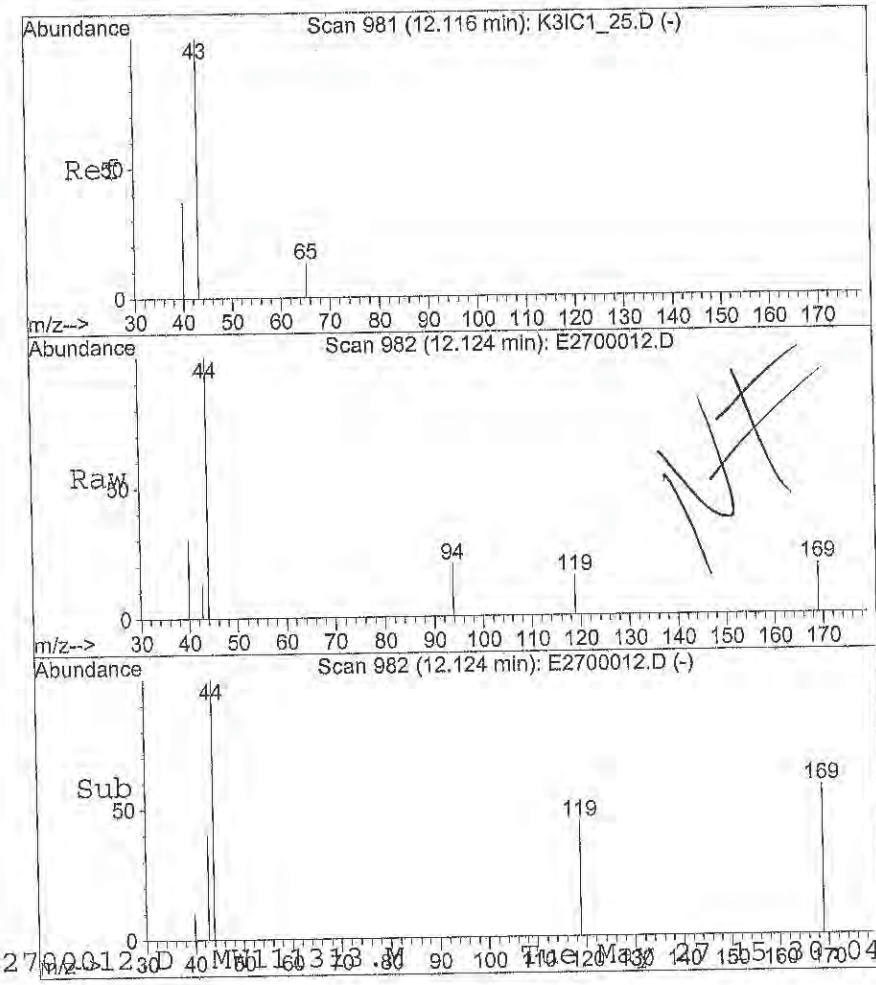


#32
1,2-Dichloroethane
Concen: 0.99 ug/L
RT: 9.92 min Scan# 721
Delta R.T. -0.07 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 62 Resp: 5561

Ion	Ratio	Lower	Upper
62	100		
64	230.0	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

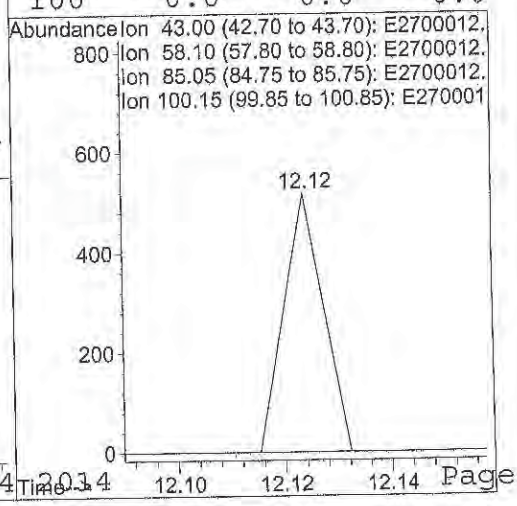


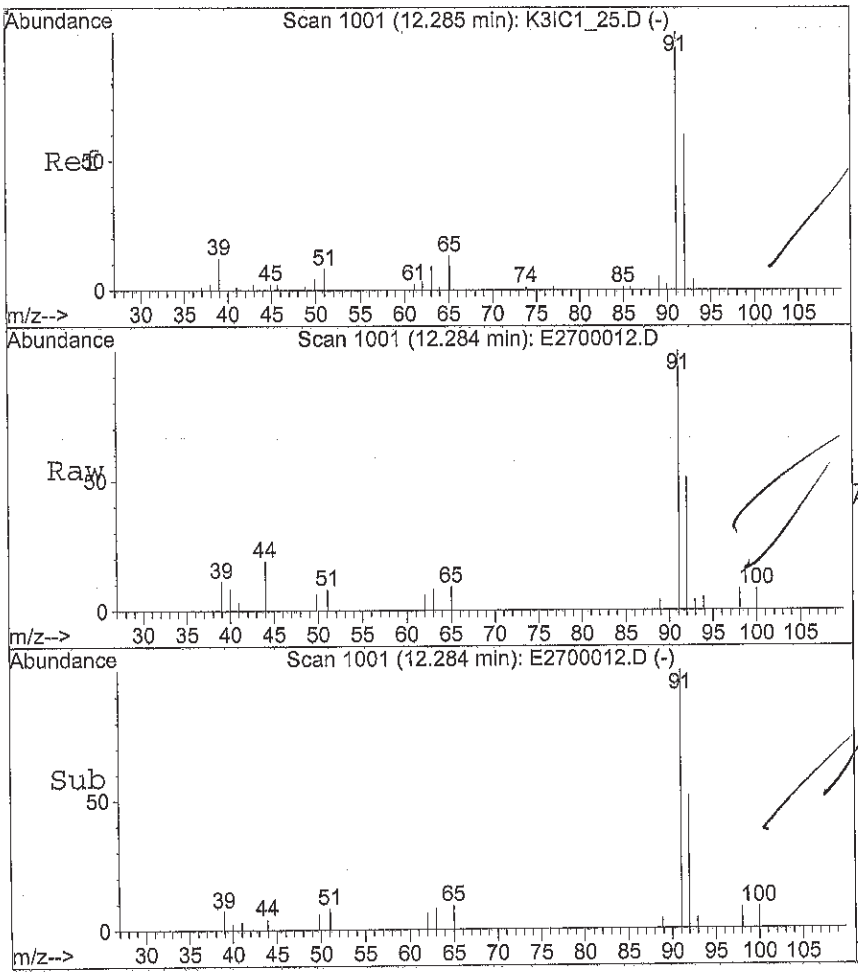


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 0.10 ug/L
RT: 12.12 min Scan# 982
Delta R.T. 0.01 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 43 Resp: 262

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	0.0
85	0.0	0.0	0.0
100	0.0	0.0	0.0

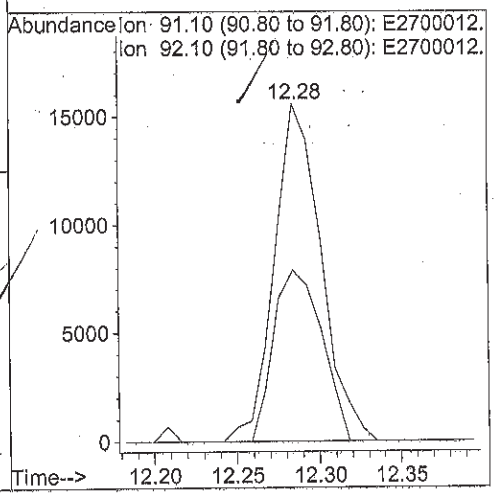


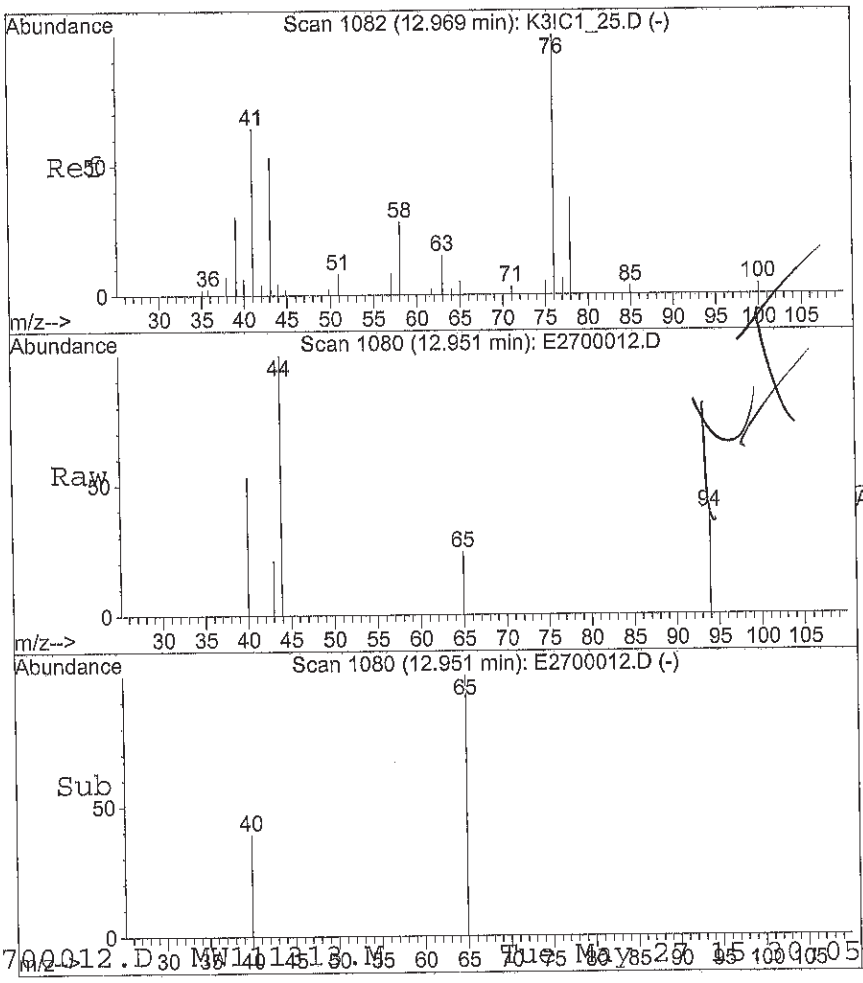


#41
Toluene
Concen: 1.73 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. -0.00 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 91 Resp: 30636

Ion	Ratio	Lower	Upper
91	100		
92	52.3	47.4	71.0

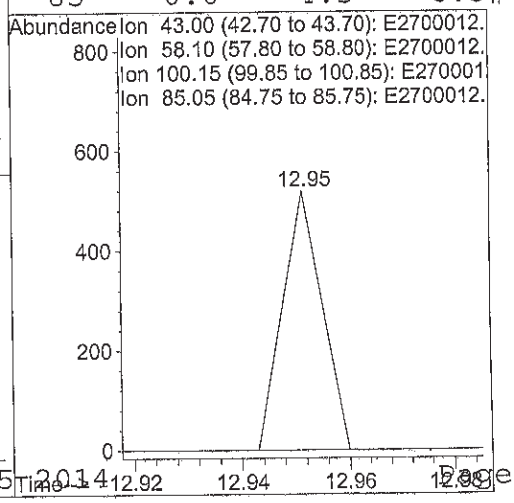


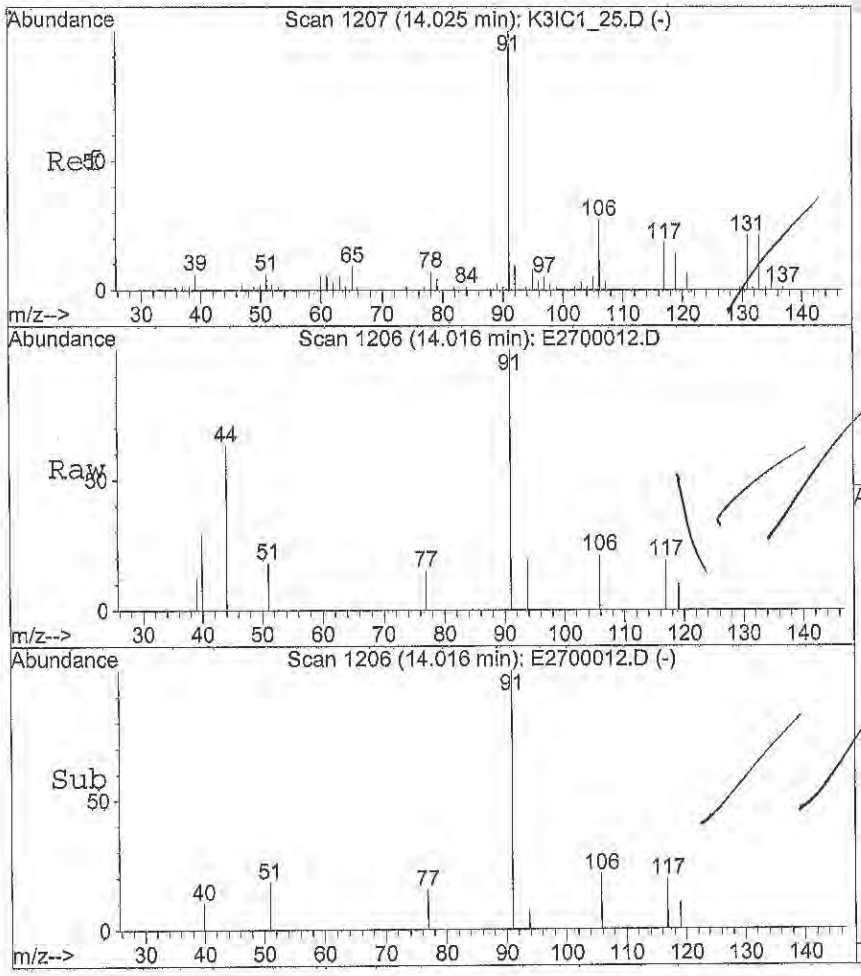


#46
2-Hexanone
Concen: 0.09 ug/L
RT: 12.95 min Scan# 1080
Delta R.T. -0.02 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 43 Resp: 262

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

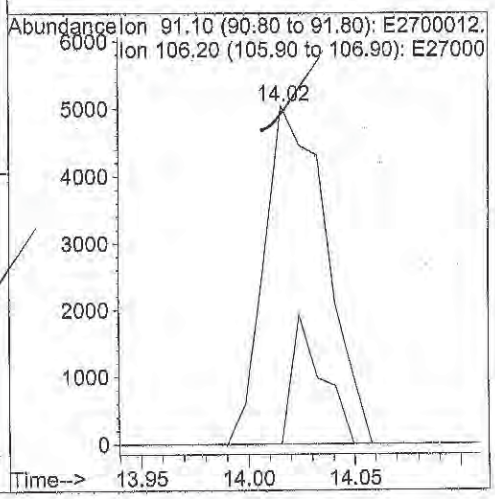


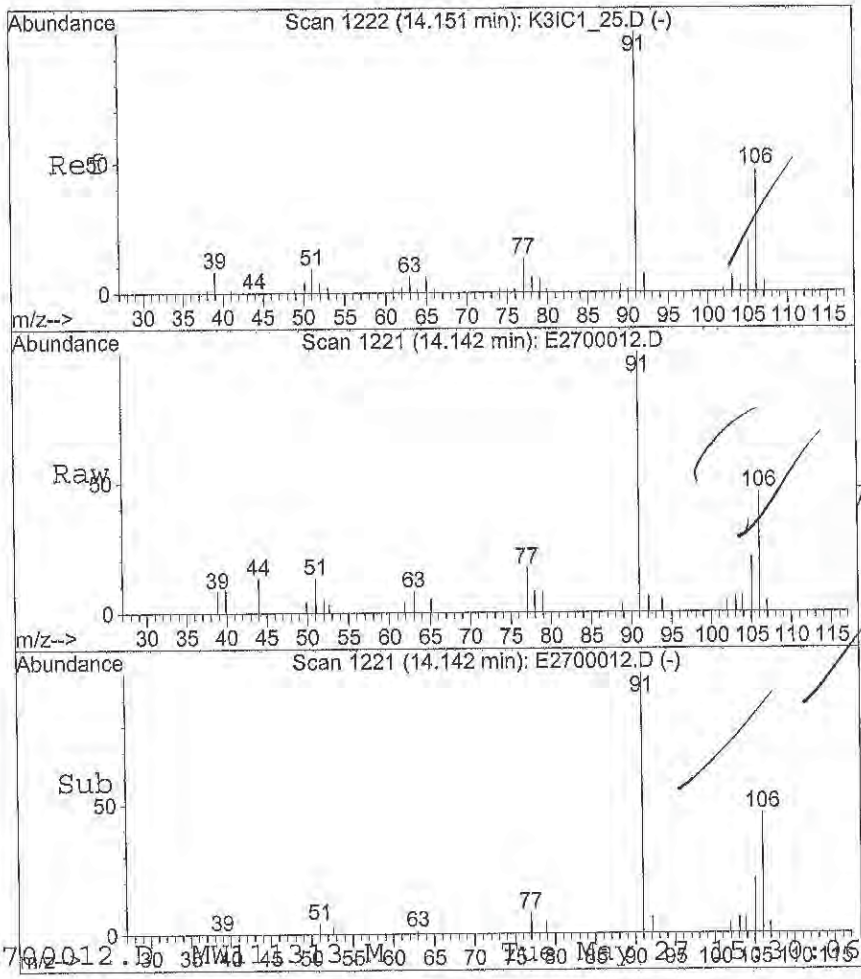


#51
Ethylbenzene
Concen: 0.51 ug/L
RT: 14.02 min Scan# 1206
Delta R.T. -0.01 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 91 Resp: 10200

Ion	Ratio	Lower	Upper
91	100		
106	18.7	23.5	35.3#

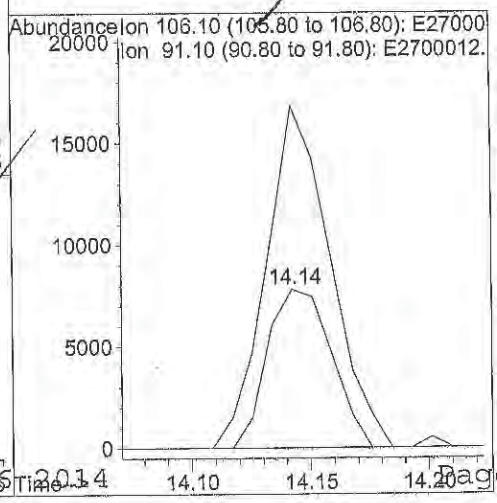


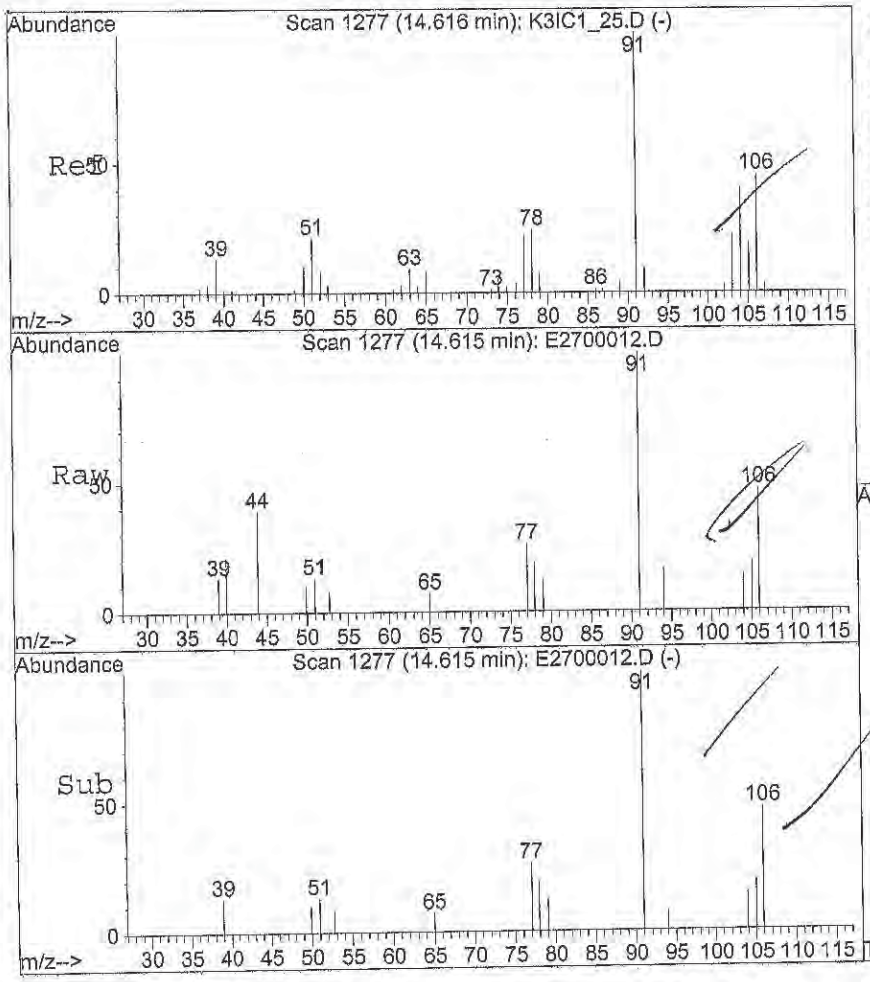


#52
m,p-Xylenes
Concen: 2.04 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:106 Resp: 14632

Ion	Ratio	Lower	Upper
106	100		
91	216.0	177.1	265.7

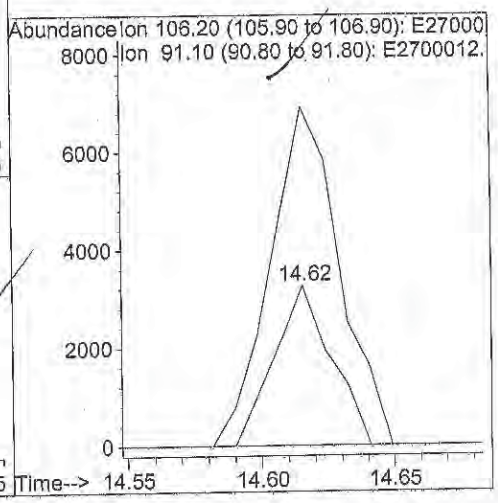


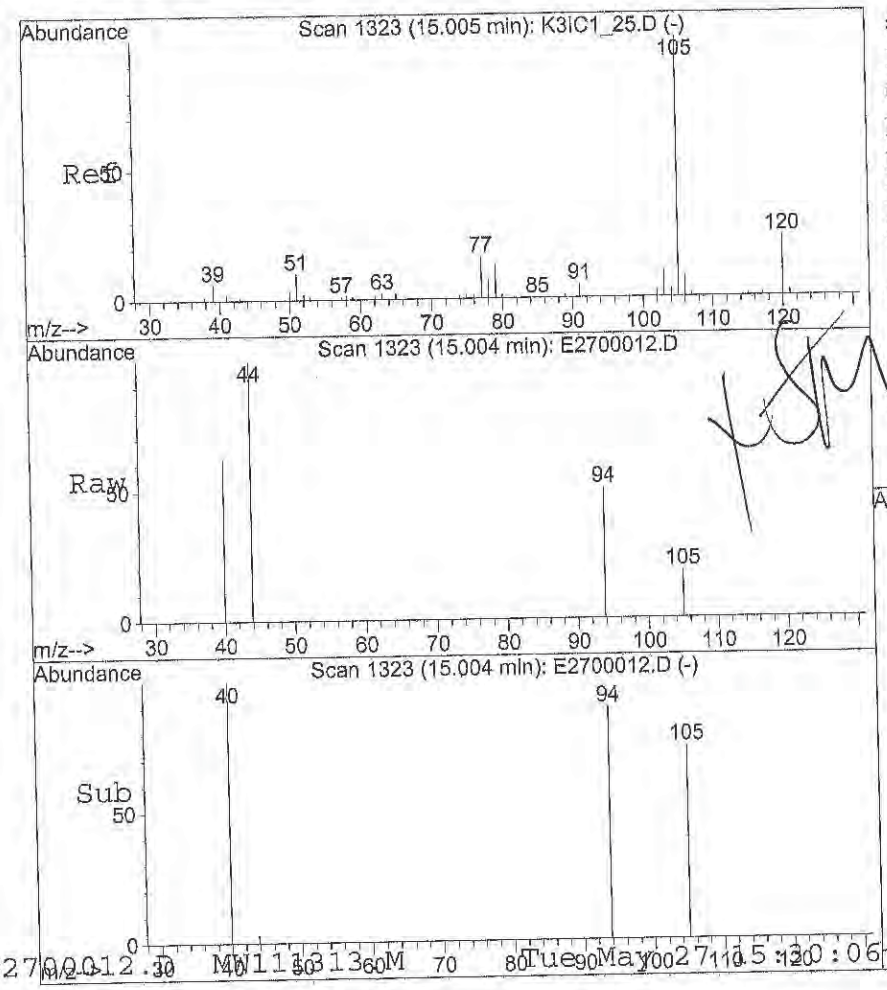


#53
o-Xylene
Concen: 0.68 ug/L
RT: 14.62 min Scan# 1277
Delta R.T. -0.00 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:106 Resp: 4834

Ion	Ratio	Lower	Upper
106	100		
91	257.2	179.0	268.6

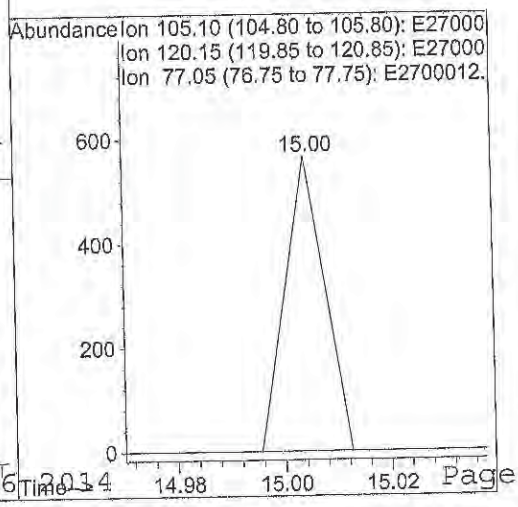


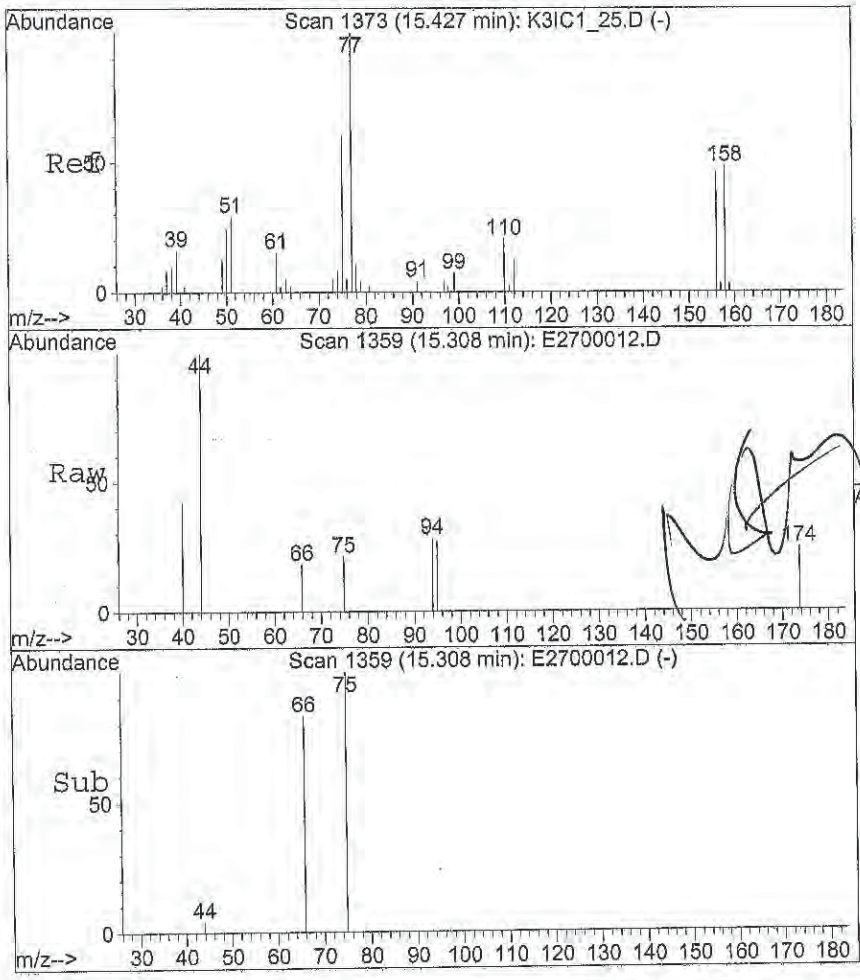


#56
Isopropylbenzene
Concen: 0.01 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.00 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:105 Resp: 287

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

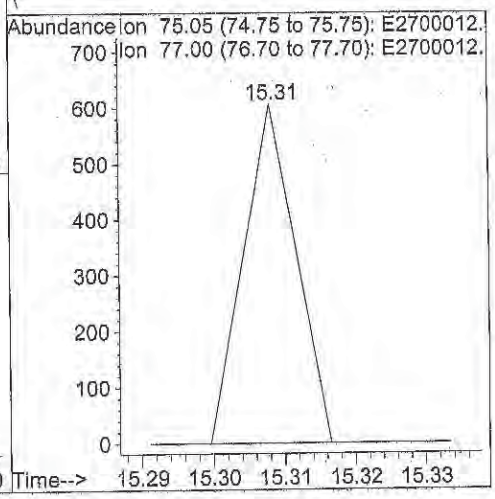


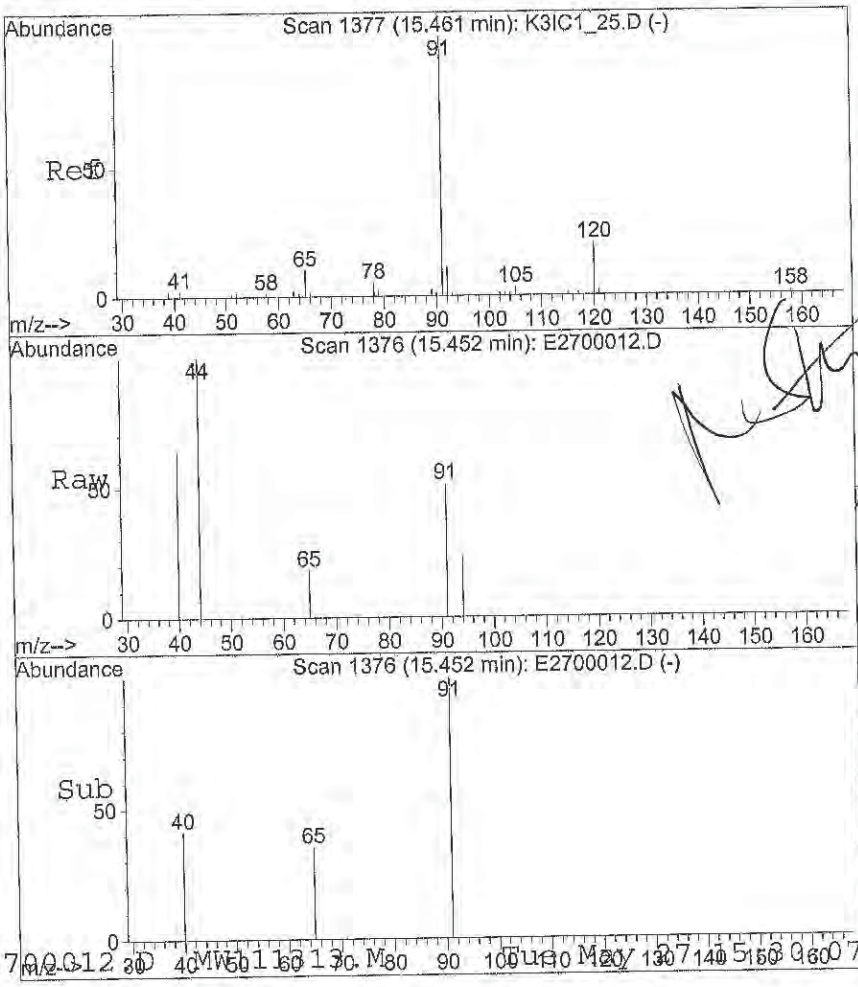


#57
1,2,3-Trichloropropane
Concen: 0.06 ug/L
RT: 15.31 min Scan# 1359
Delta R.T. -0.12 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 75 Resp: 307

Ion	Ratio	Lower	Upper
75	100		
77	0.0	31.2	46.8#

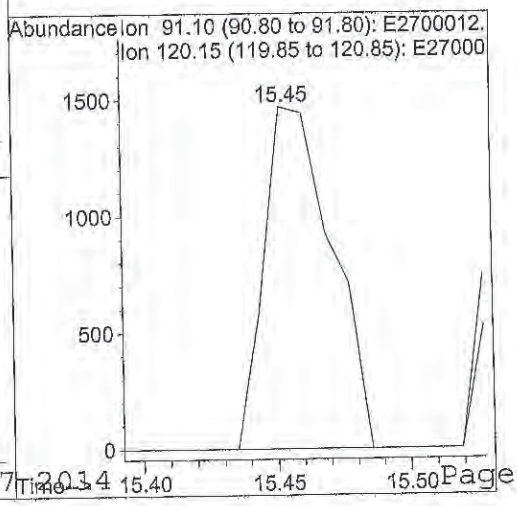


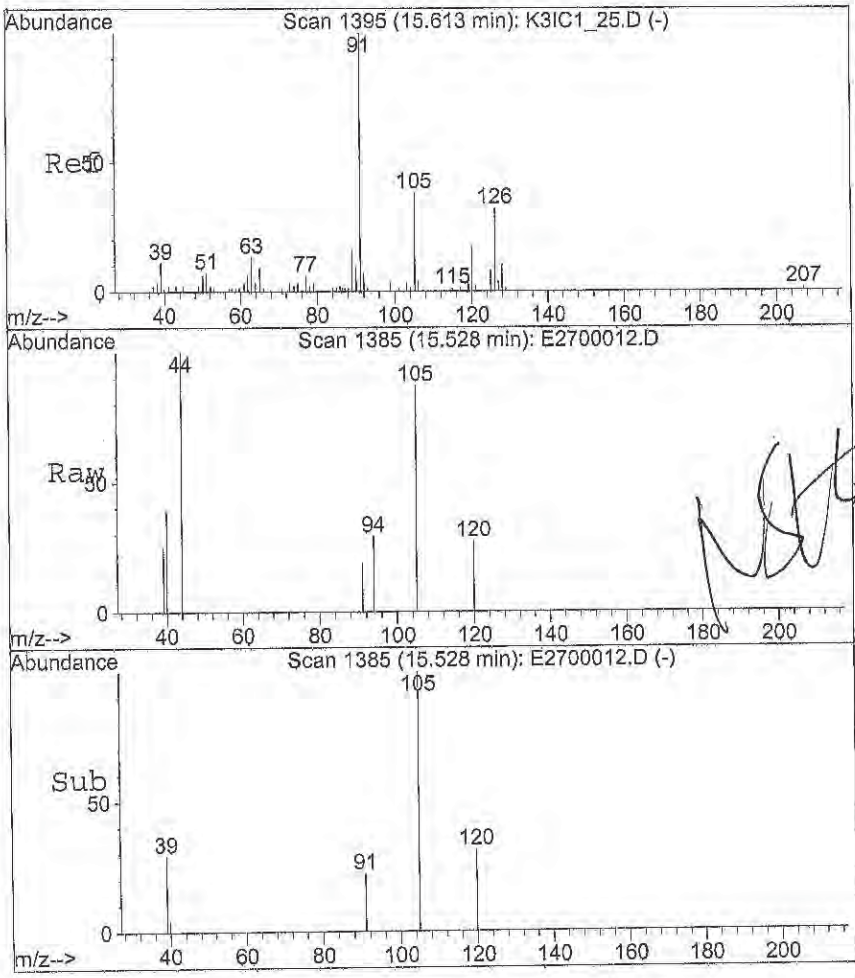


#62
n-Propylbenzene
Concen: 0.09 ug/L
RT: 15.45 min Scan# 1376
Delta R.T. -0.01 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 91 Resp: 2598

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

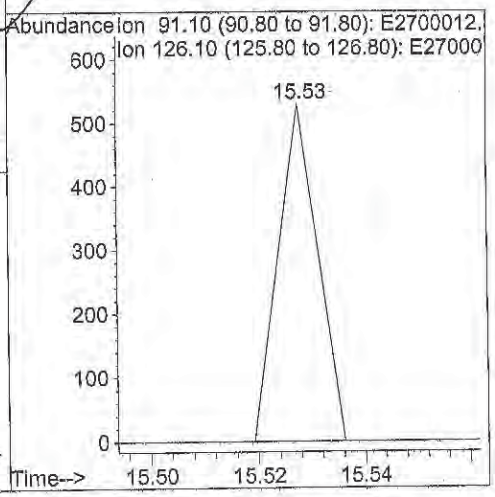


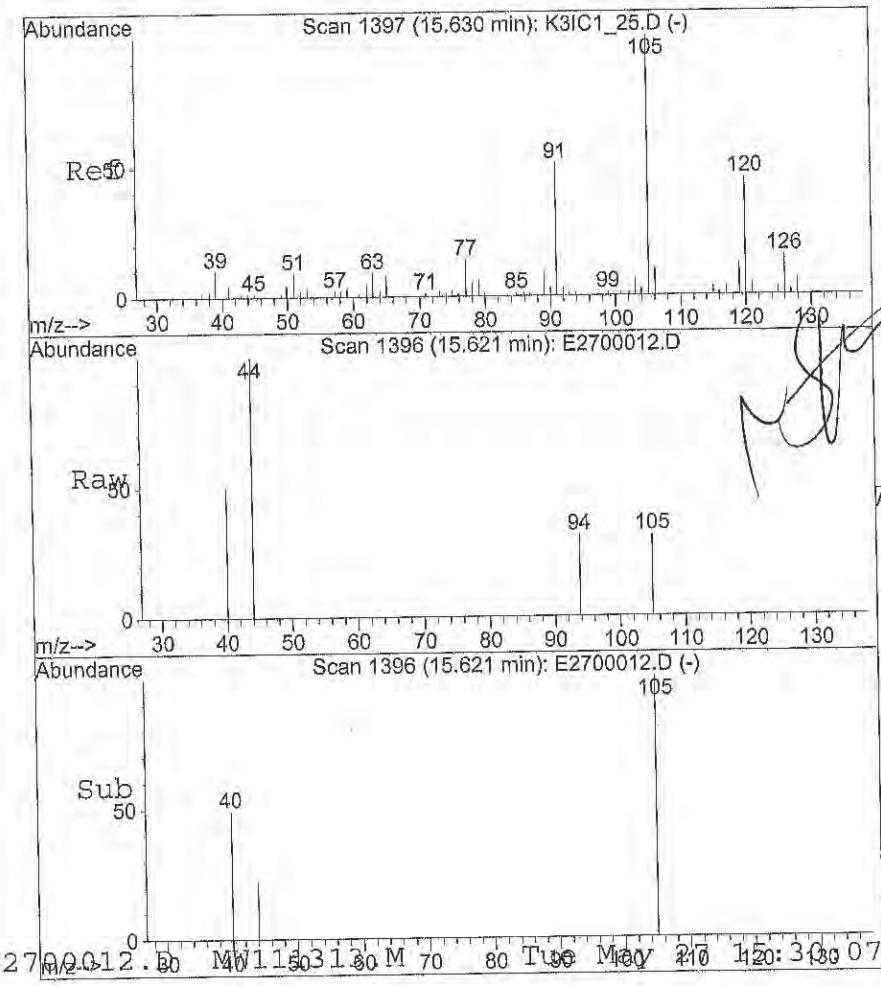


#63
2-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.53 min Scan# 1385
Delta R.T. -0.09 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 91 Resp: 269

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

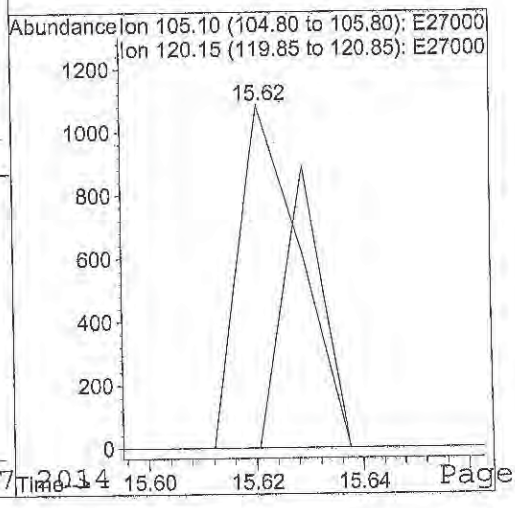


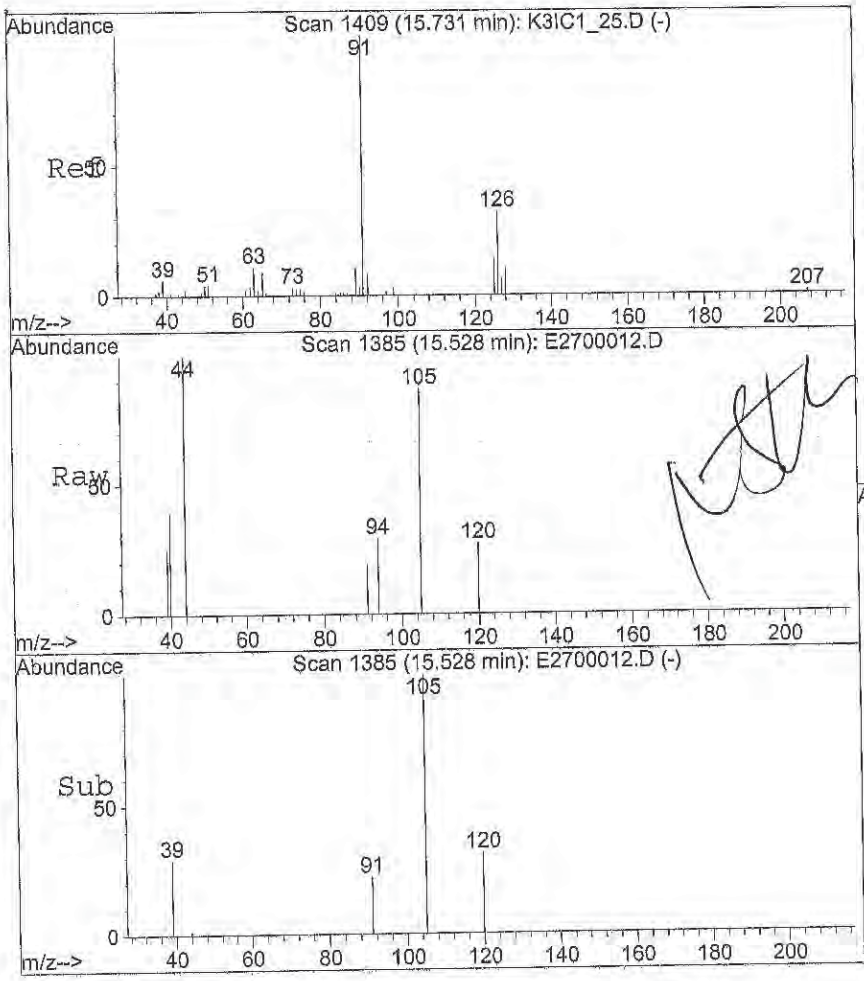


#64
1,3,5-Trimethylbenzene
Concen: 0.05 ug/L
RT: 15.62 min Scan# 1396
Delta R.T. -0.01 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:105 Resp: 857

Ion	Ratio	Lower	Upper
105	100		
120	52.6	36.4	54.6

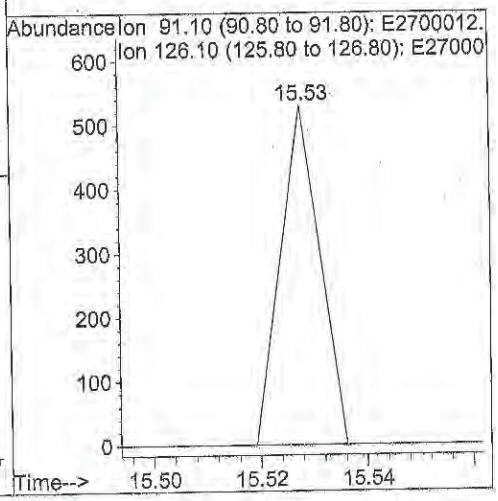


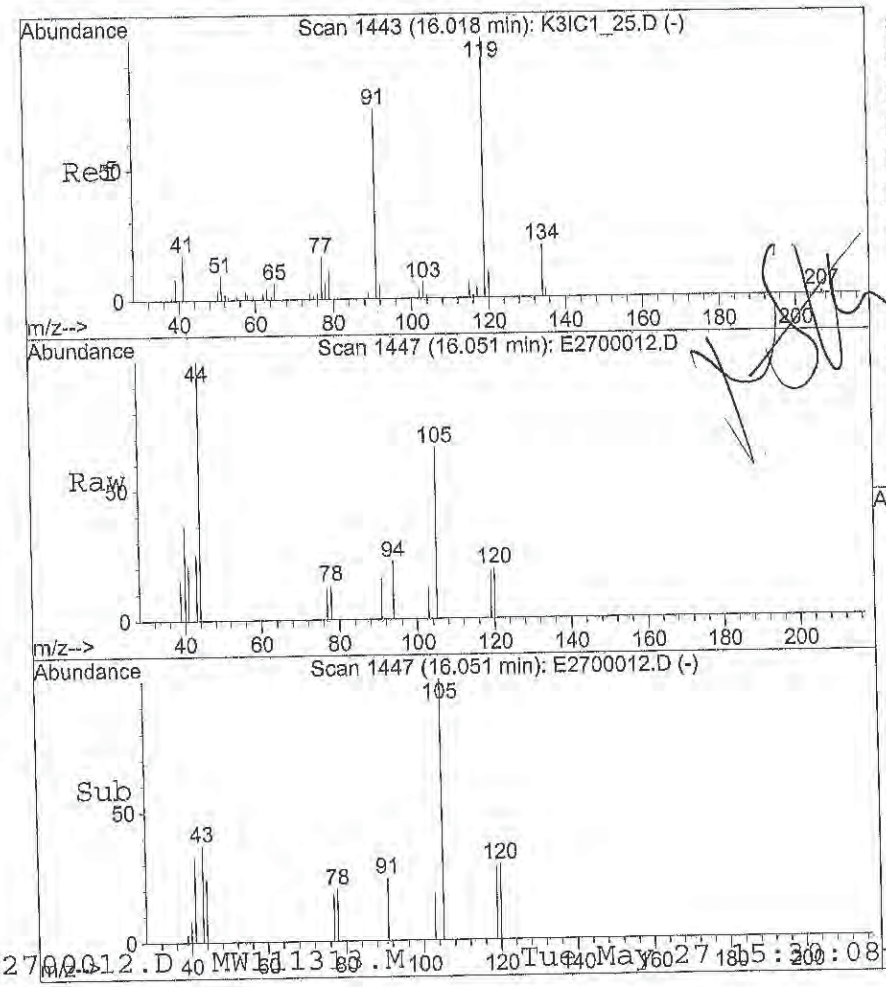


#65
4-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.53 min Scan# 1385
Delta R.T. -0.20 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion: 91 Resp: 269

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

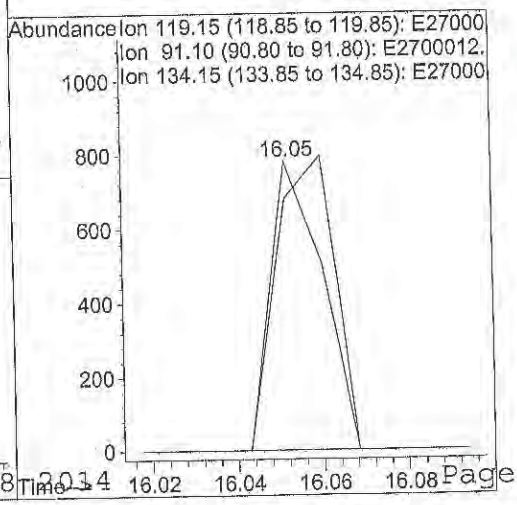


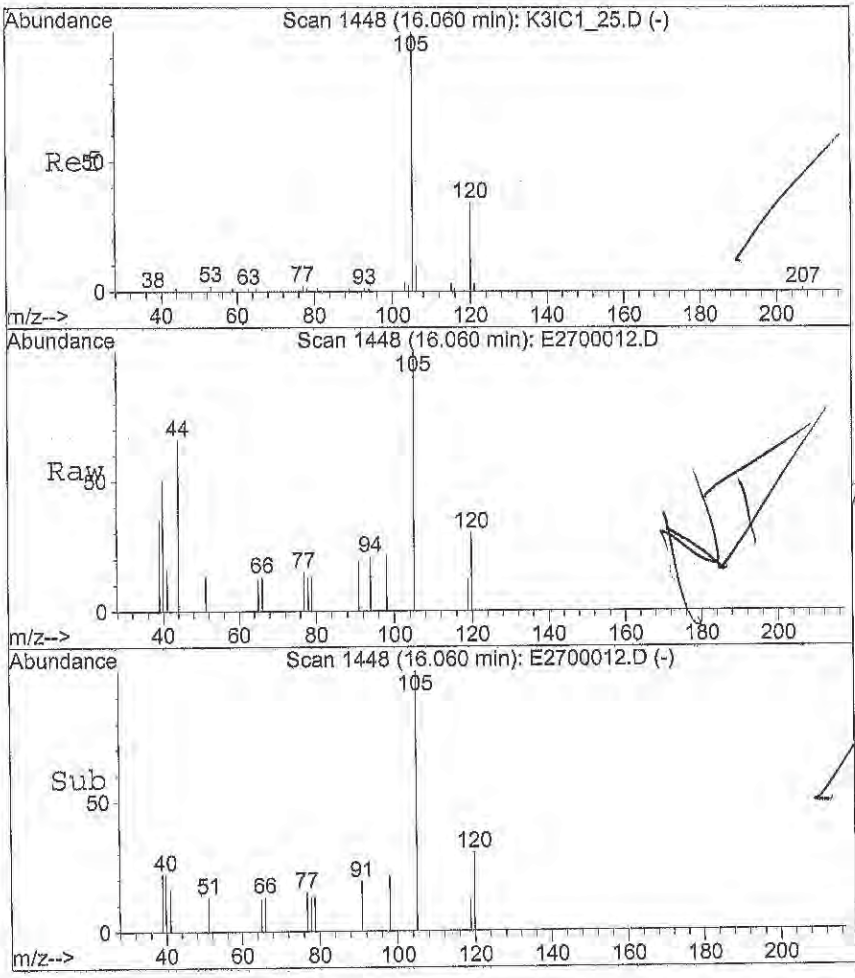


#66
tert-Butylbenzene
Concen: 0.05 ug/L
RT: 16.05 min Scan# 1447
Delta R.T. 0.03 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:119 Resp: 653

Ion	Ratio	Lower	Upper
119	100		
91	114.7	56.3	84.5#
134	0.0	16.1	24.1#

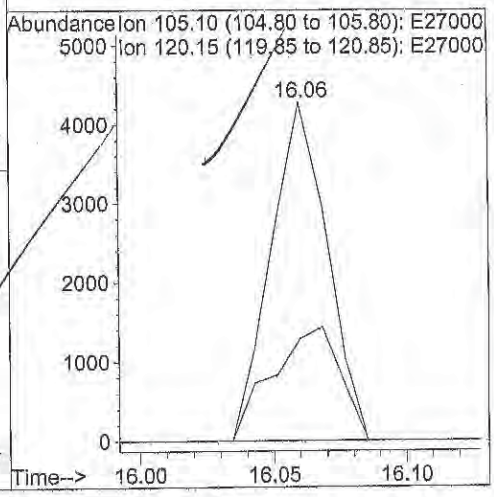


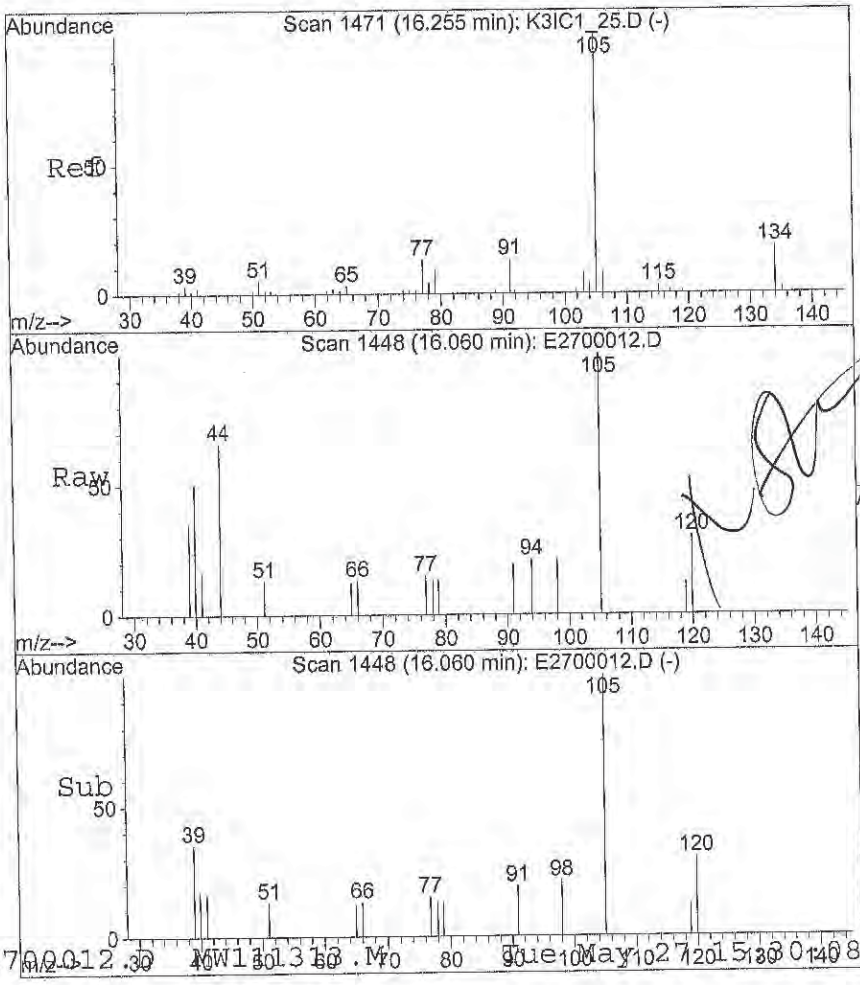


#67
1,2,4-Trimethylbenzene
Concen: 0.35 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.00 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:105 Resp: 6239

Ion	Ratio	Lower	Upper
105	100		
120	40.3	33.8	50.8

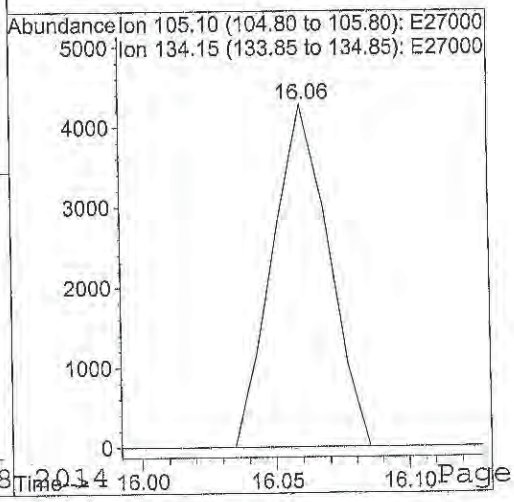


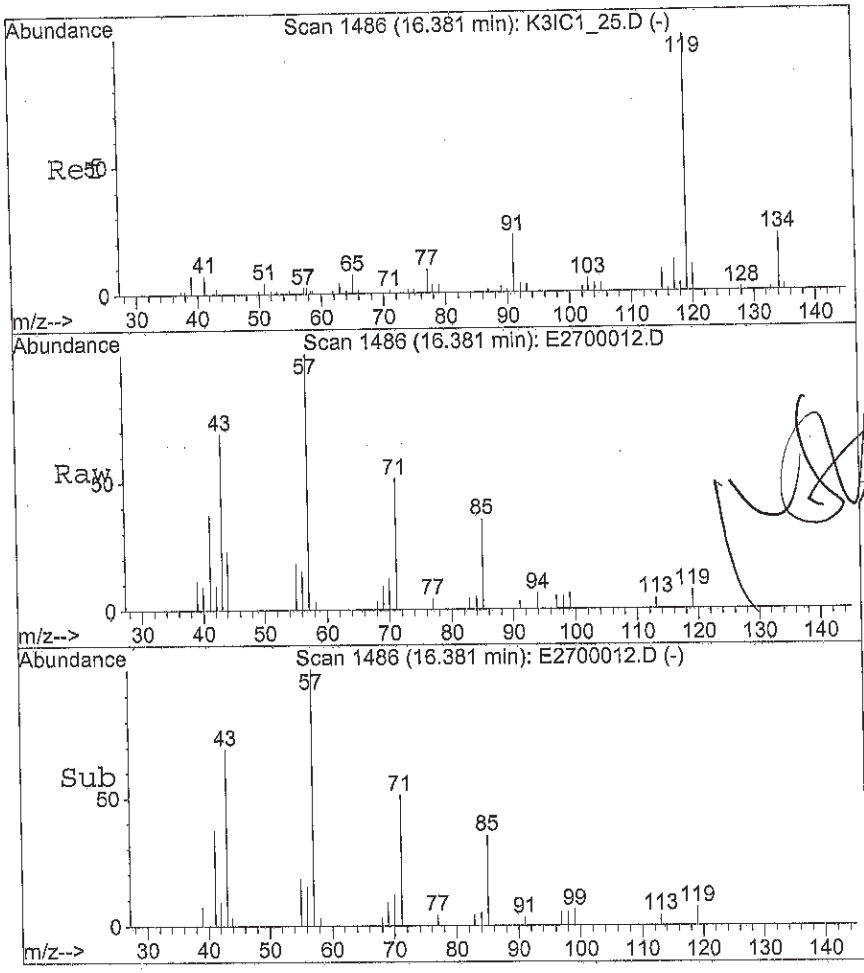


#68
sec-Butylbenzene
Concen: 0.27 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.19 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:105 Resp: 6239

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

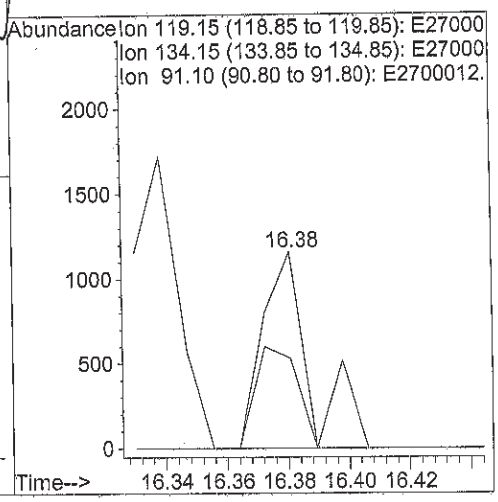


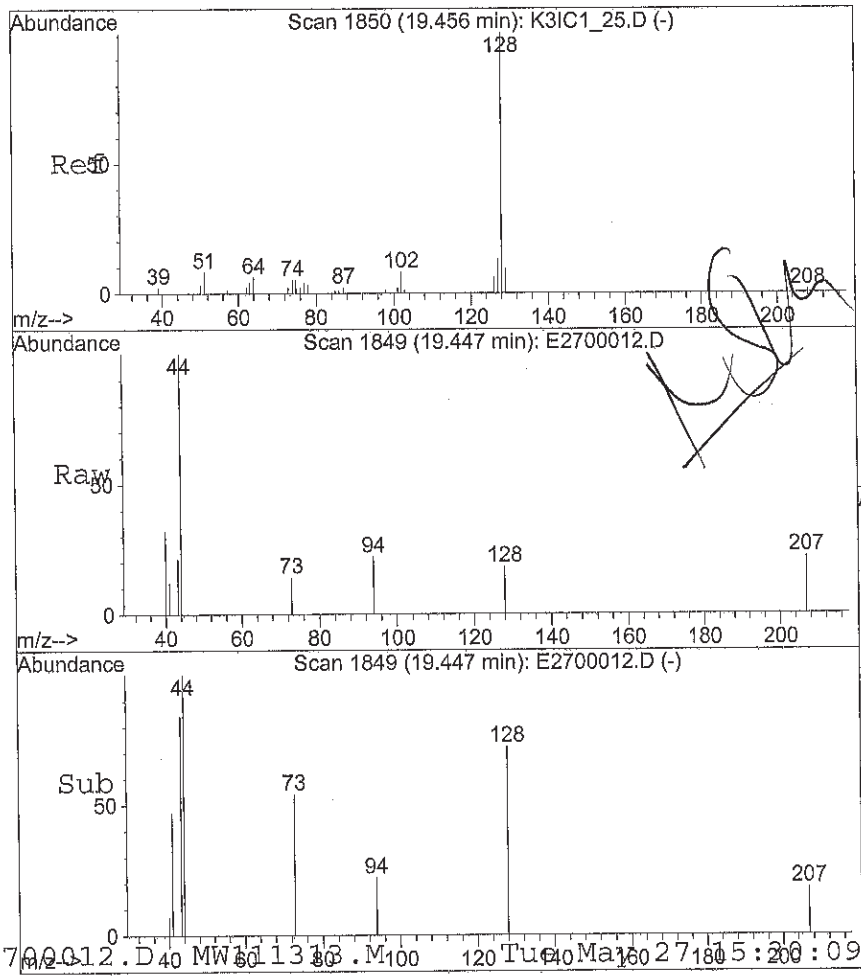


#69
p-Isopropyltoluene
Concen: 0.07 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.00 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:119 Resp: 1253

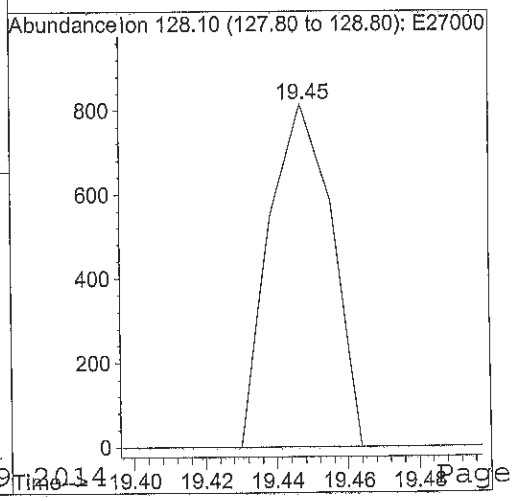
Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	45.6	19.6	29.4#





#77
Naphthalene
Concen: 0.07 ug/L
RT: 19.45 min Scan# 1849
Delta R.T. -0.01 min
Lab File: E2700012.D
Acq: 27 May 2014 3:05 pm

Tgt Ion:128 Resp: 986



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700012.D Vial: 3
Acq On : 27 May 2014 3:05 pm Operator: DN
Sample : 3E42701-09 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 15:29 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1679743	12.50	ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.91	117	1298849	12.50	ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	682899	12.50	ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	467074	10.69	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 85.52%			
3) Chloroform-d (SU6)	9.18	84	719371	11.48	ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 91.84%			
4) Methylene Chloride-d2 (SU5	7.06	86	406063	11.08	ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 88.64%			
5) 1,2-Dichloroethane-d4 (SU2	9.89	65	464879	15.57	ug/L	-0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 124.56%			
6) Benzene-d6 (SU7)	9.93	84	1377983	10.45	ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 83.60%			
8) Toluene-d8 (SU3)	12.21	98	1463111	11.87	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 94.96%			
9) 4-Bromofluorobenzene (SU4)	15.22	95	714057	14.04	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 112.32%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

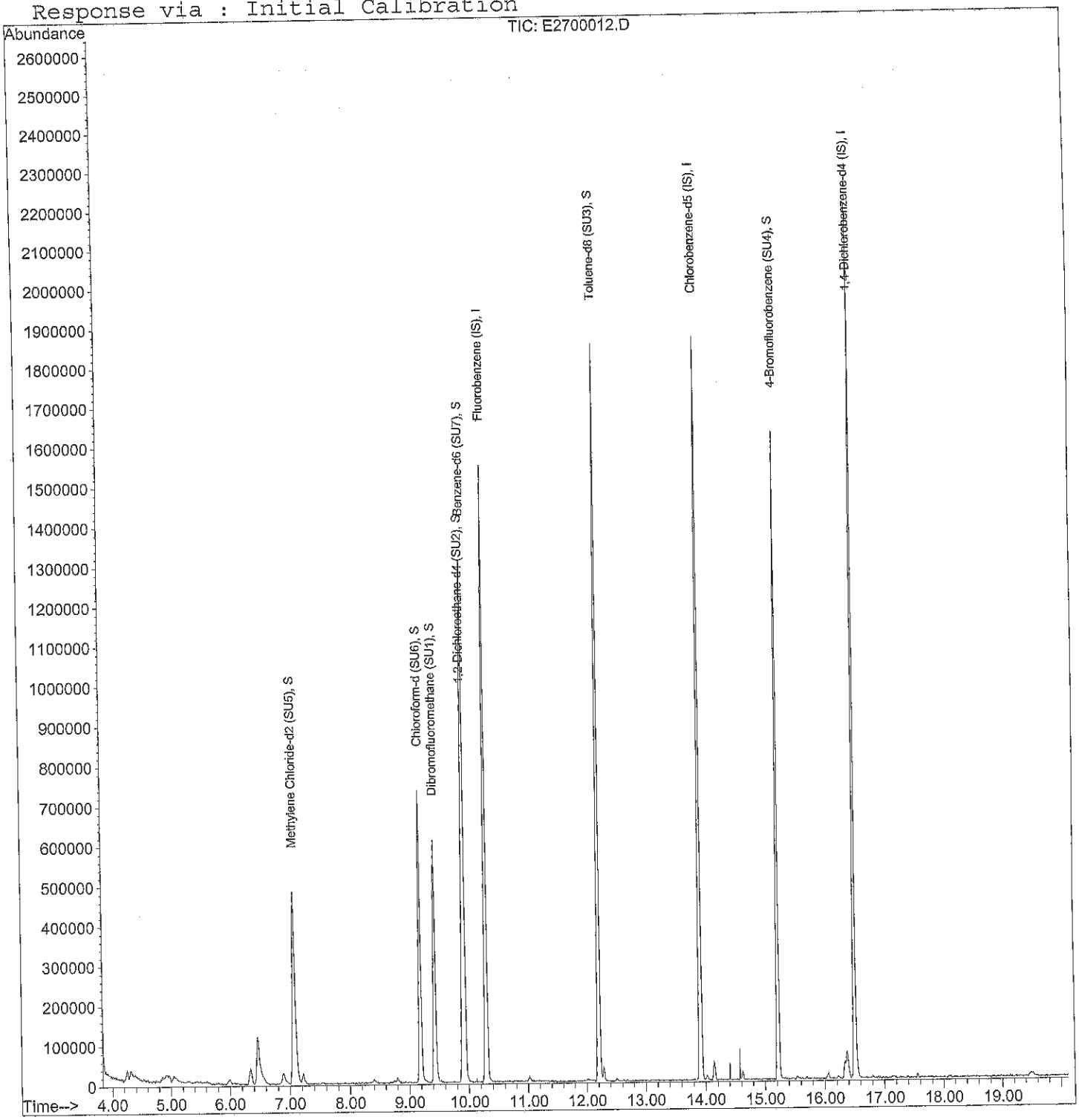
Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700012.D
Acq On : 27 May 2014 3:05 pm
Sample : 3E42701-09
Misc : 100cc SVL-512-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 27 15:29 19114

Vial: 3
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700013.D
Acq On : 27 May 2014 3:35 pm
Sample : 3E42701-10
Misc : 100cc SVL-512-SA5D-SV-11.0-12.0
MS Integration Params: rteint.p
Quant Time: May 27 16:09 19114

Vial: 4
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1519594	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1165882	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	627293	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	429643	11.33 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 90.64%		
28) 1,2-Dichloroethane-d4 (SU2	9.89	65	420567	11.67 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 93.36%		
39) Toluene-d8 (SU3)	12.21	98	1328718	12.22 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 97.76%		
58) 4-Bromofluorobenzene (SU4)	15.22	95	632605	13.27 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 106.16%		

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.11	85	659	0.18 ~~ug/L #~~ NM	44
4) Chloromethane	4.40	50	5002	0.74 ~~ug/L #~~	54
6) Bromomethane	5.05	96	4745	1.06 ~~ug/L~~	96
7) Chloroethane	5.38	64	585	1.15 ~~ug/L~~	96
9) (F113) 1,1,2-Trichloro-tri	6.35	151	14858	4.97 ug/L 0.0994	96
11) Acetone	6.46	58	10313	13.53 ~~ug/L~~ NT	99
12) (IPA) Leak Check Compound	6.46	45	242083	1325.75 ~~ug/L #~~ NM	85
13) Carbon disulfide	6.84	76	40965	3.24 ~~ug/L~~ NT	100
14) Methylene Chloride	7.06	84	5752	1.38 ~~ug/L #~~ NM	1
15) (TBA) tert-Butanol	7.15	59	608	2.35 ~~ug/L #~~	77
22) (DIPE) Diisopropyl Ether	8.09	45	302	0.03 ~~ug/L #~~	48
24) Chloroform	9.22	83	1421	0.18 ~~ug/L #~~	1
25) (ETBE) 2-ethoxy 2-methyl p	8.37	59	556	0.05 ~~ug/L #~~ NM	44
31) Benzene	9.98	78	15569	1.09 ~~ug/L #~~	79
32) 1,2-Dichloroethane	9.93	62	5923	1.17 ~~ug/L #~~	1
34) 1,2-Dichloropropane	11.03	63	277	0.08 ~~ug/L #~~	44
40) (MIBK) 4-Methyl-2-Pentanon	12.12	43	293	0.13 ~~ug/L~~ NT	100
41) Toluene	12.28	91	127014	7.99 ug/L 0.1598	98
42) trans-1,3-Dichloropropene	12.28	75	353	0.07 ~~ug/L #~~ NM	1
46) 2-Hexanone	12.99	43	626	0.25 ~~ug/L #~~ NT	37
51) Ethylbenzene	14.02	91	17785	0.98 ug/L 0.0196	99
52) m,p-Xylenes	14.14	106	22792	3.55 ug/L 0.071	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700013.D Vial: 4
Acq On : 27 May 2014 3:35 pm Operator: DN
Sample : 3E42701-10 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-11.0-12.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 16:09 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

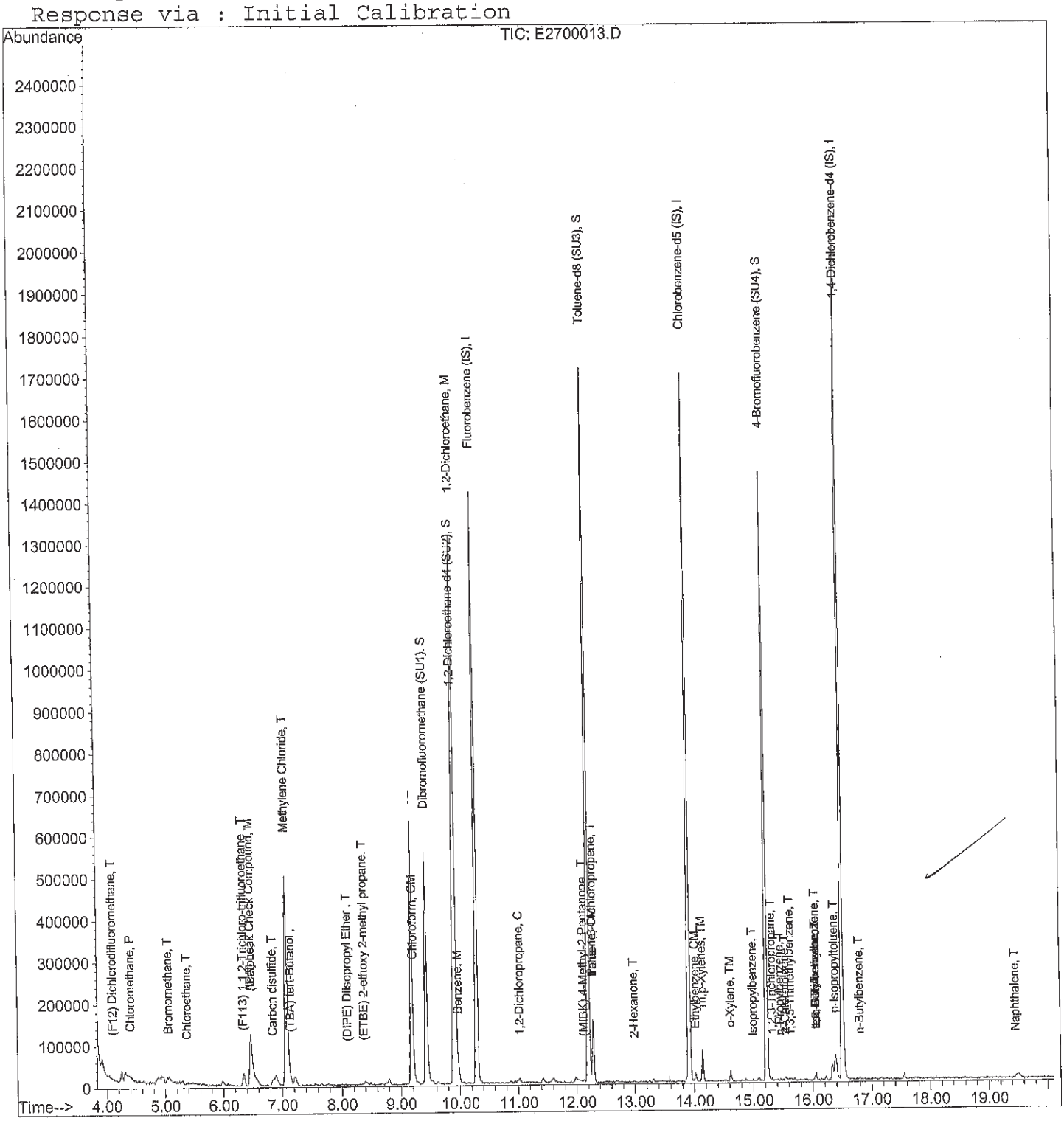
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
53) o-Xylene	14.62	106	5633	0.89 ug/L # 0.0178	64
54) Styrene	14.63	104	1824	-0.67 ug/L #	17
56) Isopropylbenzene	15.00	105	516	0.03 ug/L #	55
57) 1,2,3-Trichloropropane	15.32	75	276	0.06 ug/L #	36
62) n-Propylbenzene	15.45	91	3582	0.14 ug/L #	56
63) 2-Chlorotoluene	15.54	91	298	0.02 ug/L #	45
64) 1,3,5-Trimethylbenzene	15.62	105	1946	0.12 ug/L #	55
65) 4-Chlorotoluene	15.54	91	298	0.02 ug/L #	44
66) tert-Butylbenzene	16.05	119	430	0.03 ug/L #	86
67) 1,2,4-Trimethylbenzene	16.06	105	7134	0.44 ug/L 0.0088	87
68) sec-Butylbenzene	16.06	105	7134	0.34 ug/L #	62
69) p-Isopropyltoluene	16.37	119	1248	0.07 ug/L #	52
72) n-Butylbenzene	16.80	91	332	0.02 ug/L #	30
77) Naphthalene	19.46	128	359	0.03 ug/L	100

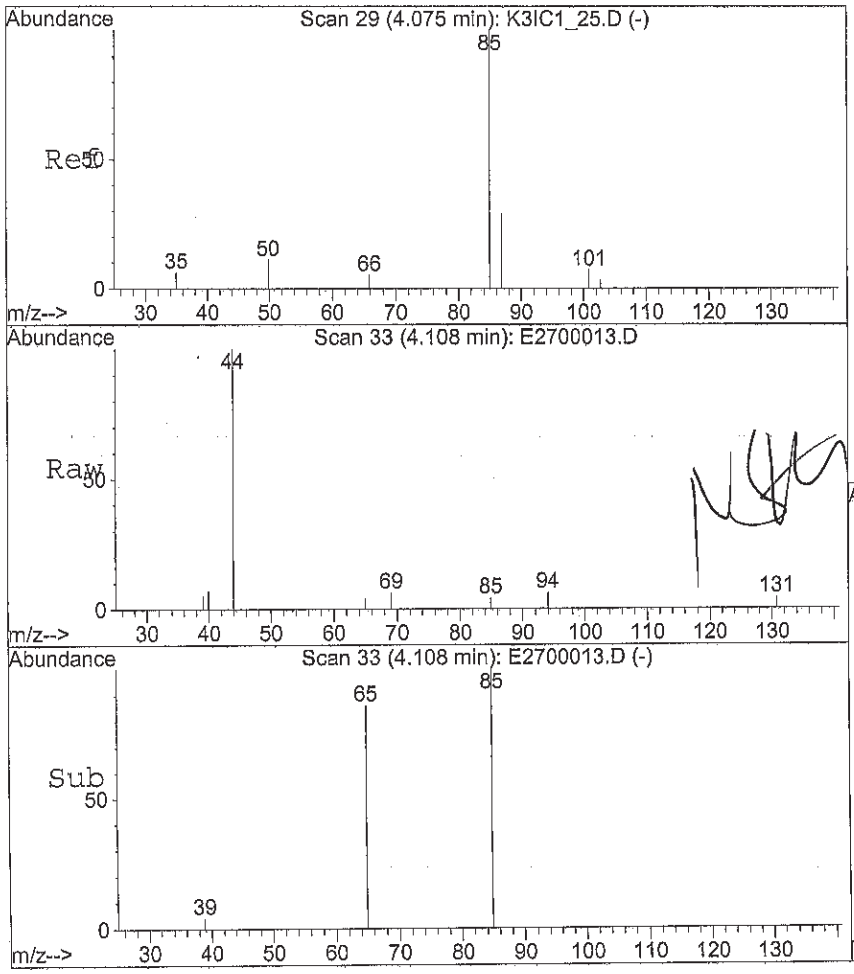
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700013.D Vial: 4
Acq On : 27 May 2014 3:35 pm Operator: DN
Sample : 3E42701-10 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-11.0-12.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 16:09 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

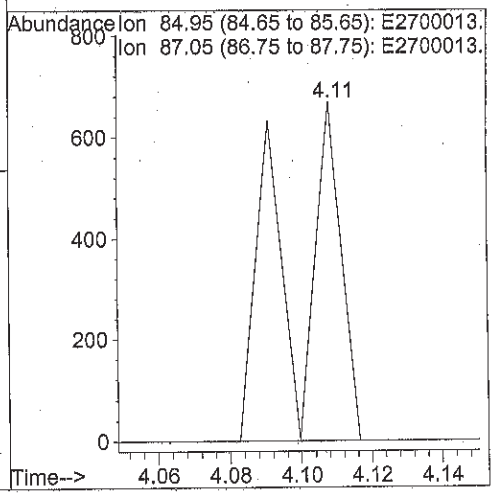


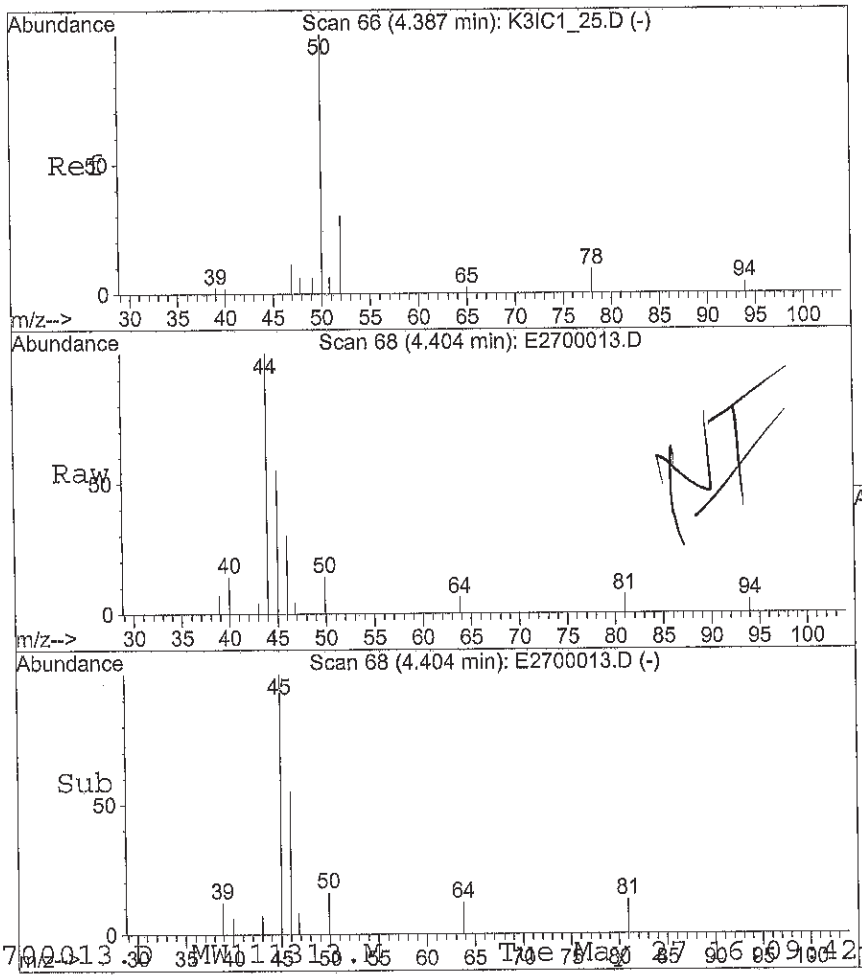


#3
(F12) Dichlorodifluoromethane
Concen: 0.18 ug/L
RT: 4.11 min Scan# 33
Delta R.T. 0.03 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 85 Resp: 659

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.6	37.0#

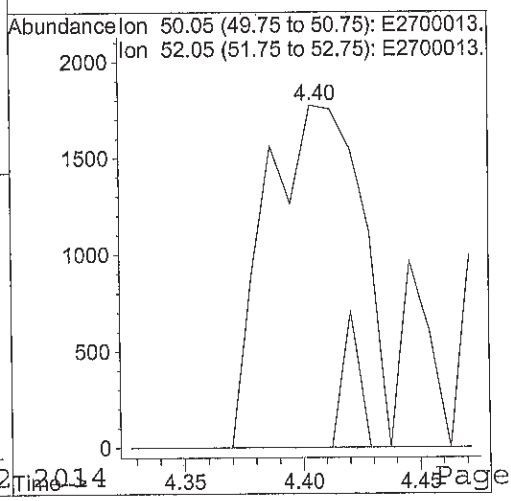


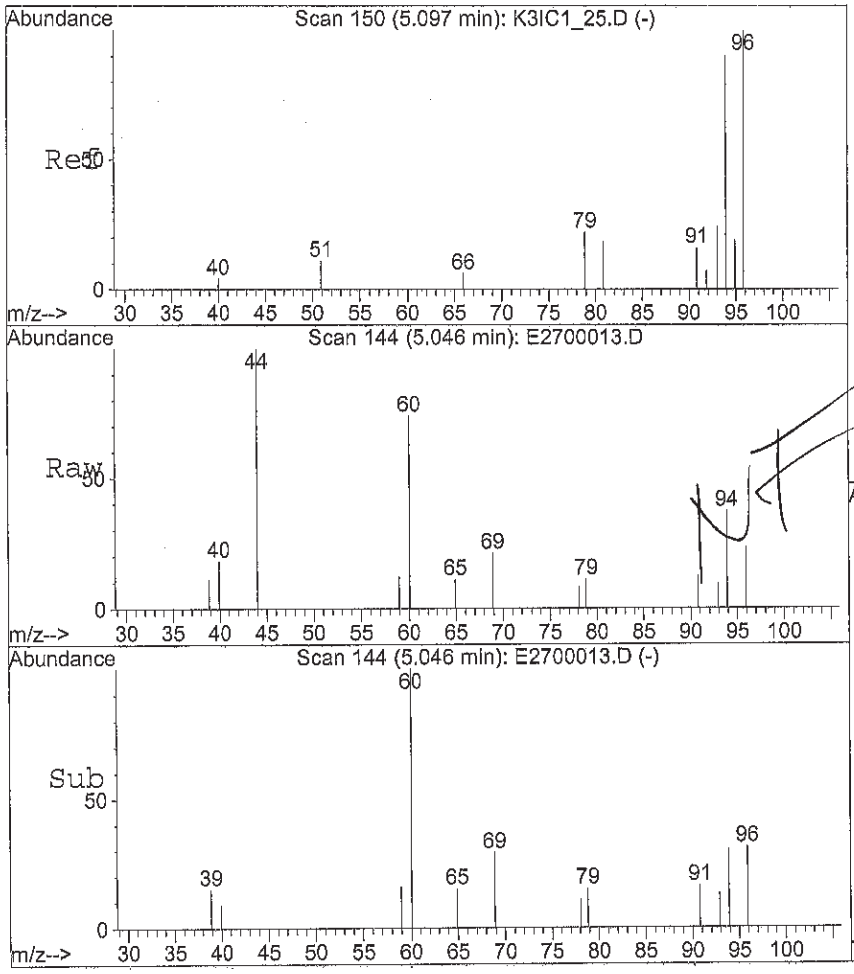


#4
Chloromethane
Concen: 0.74 ug/L
RT: 4.40 min Scan# 68
Delta R.T. 0.02 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 50 Resp: 5002

Ion	Ratio	Lower	Upper
50	100		
52	7.2	26.9	40.3#

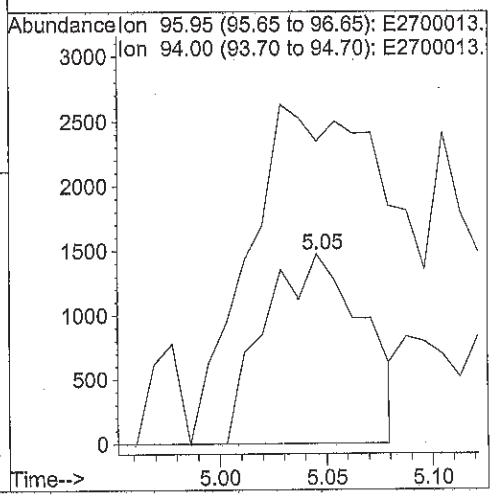


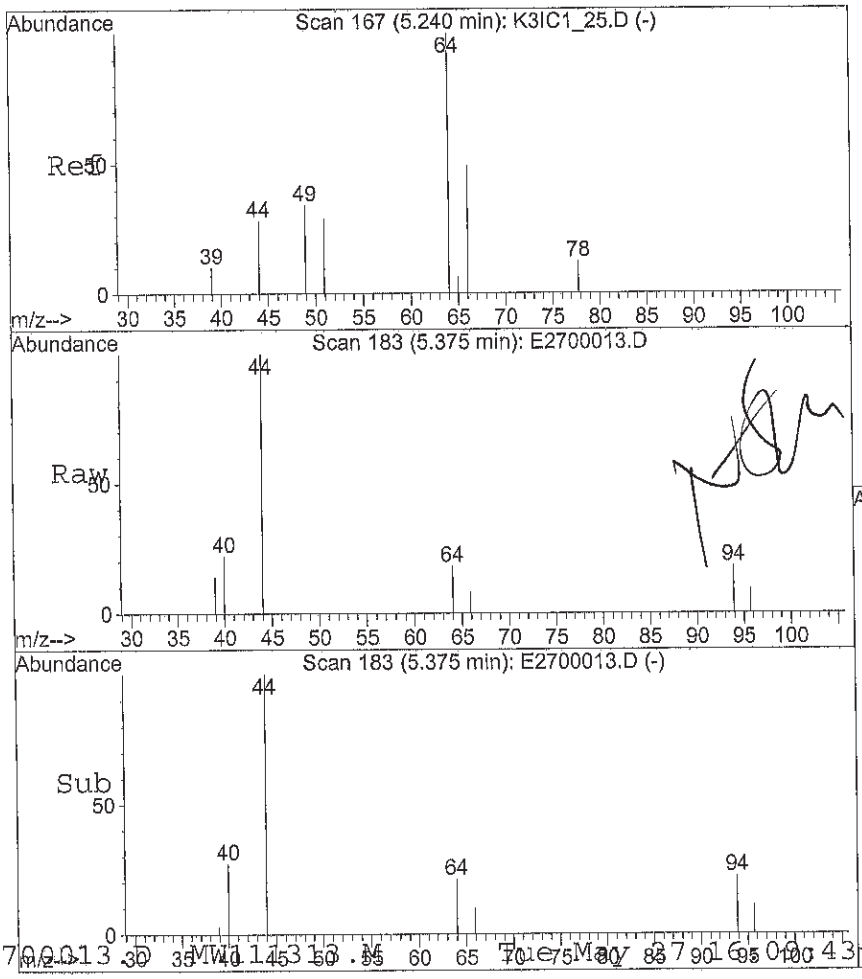


#6
Bromomethane
Concen: 1.06 ug/L
RT: 5.05 min Scan# 144
Delta R.T. -0.05 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 96 Resp: 4745

Ion	Ratio	Lower	Upper
96	100		
94	130.3	101.0	151.4

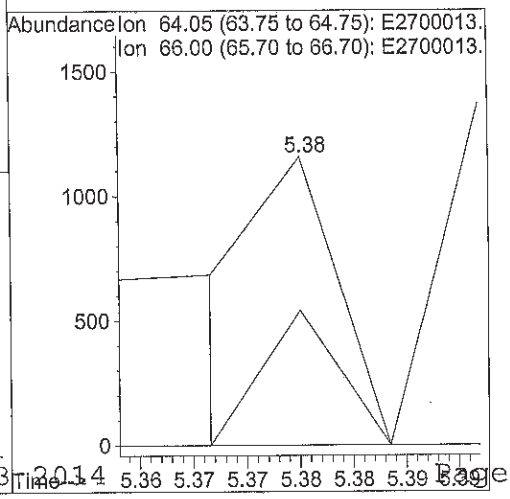


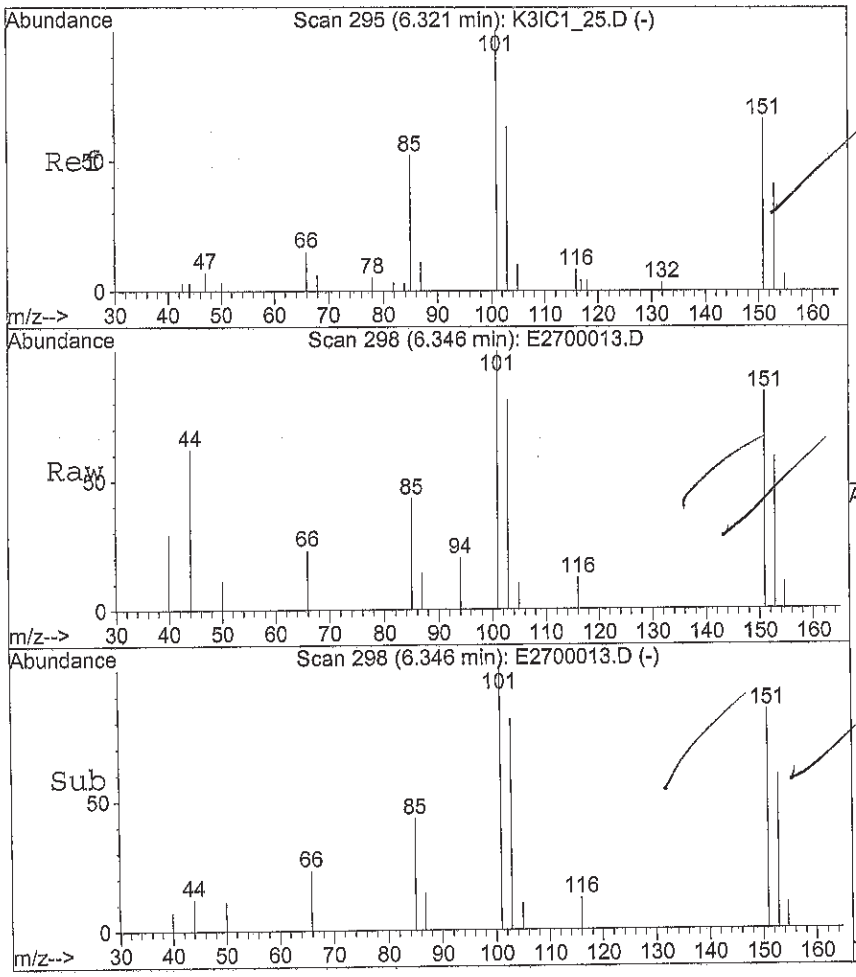


#7
Chloroethane
Concen: 1.15 ug/L
RT: 5.38 min Scan# 183
Delta R.T. 0.14 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 64 Resp: 585

Ion	Ratio	Lower	Upper
64	100		
66	46.8	35.4	53.0

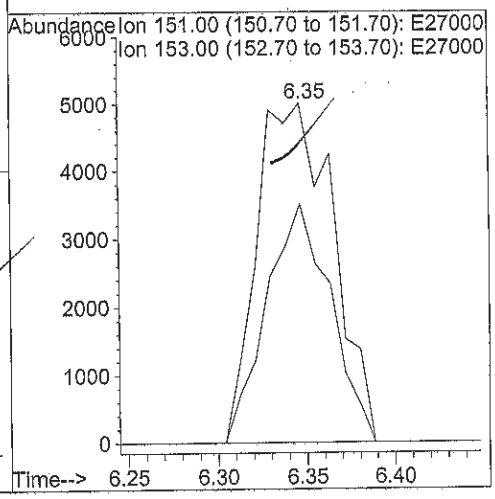


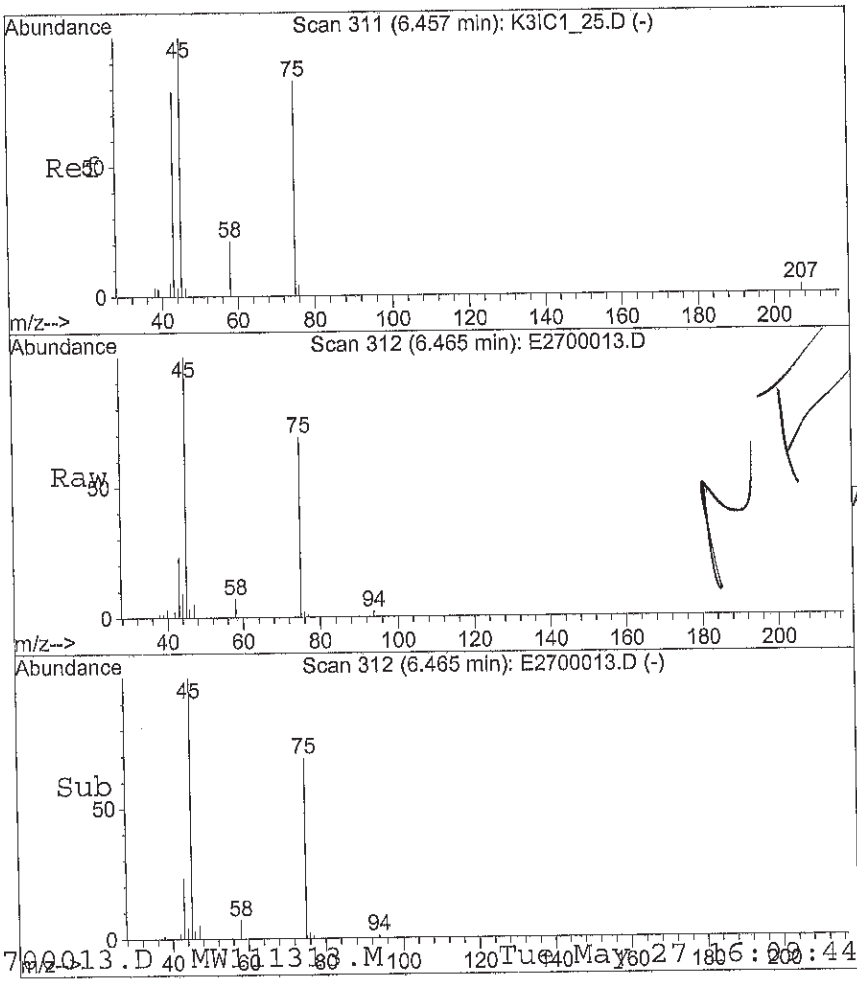


#9
(F113) 1,1,2-Trichloro-trifluor
Concen: 4.97 ug/L
RT: 6.35 min Scan# 298
Delta R.T. 0.03 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:151 Resp: 14858

Ion	Ratio	Lower	Upper
151	100		
153	59.0	49.6	74.4

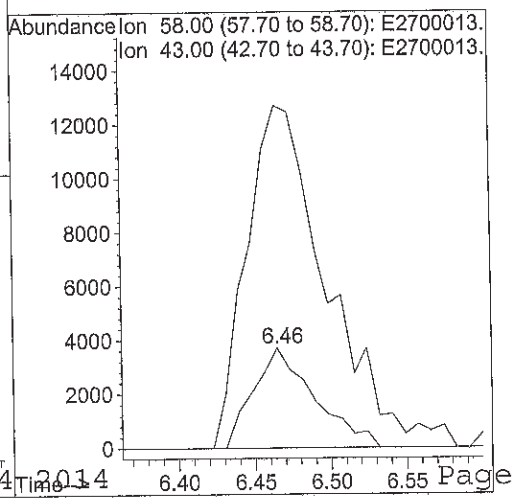


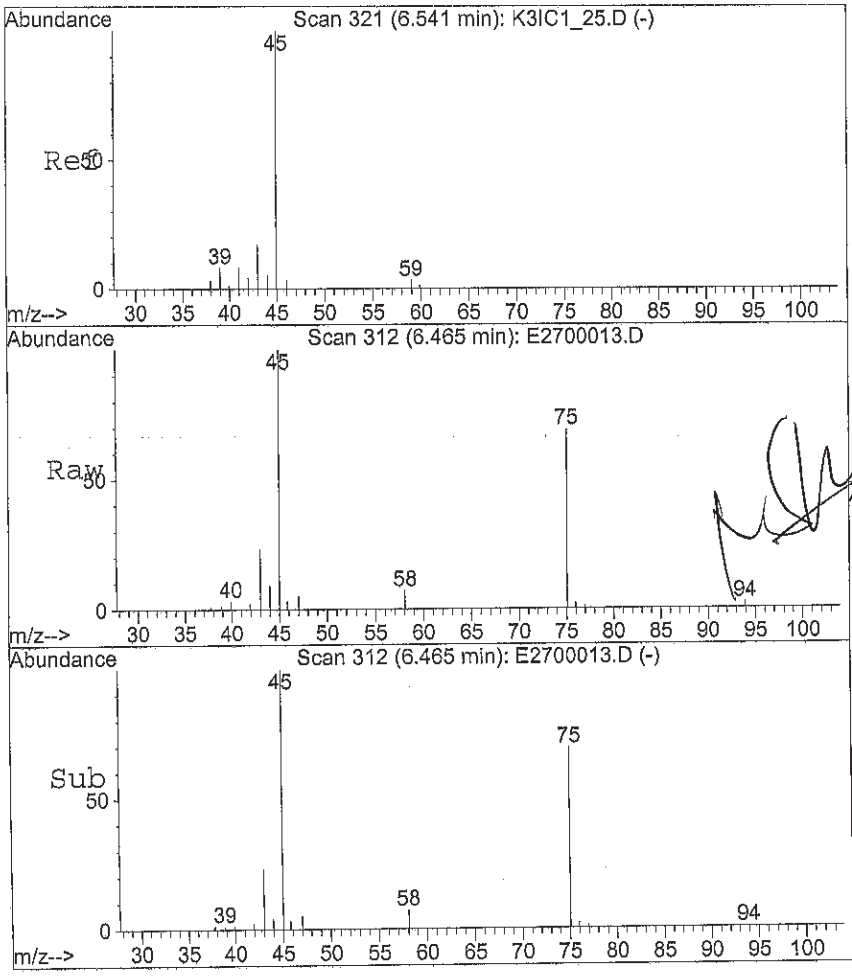


#11
Acetone
Concen: 13.53 ug/L
RT: 6.46 min Scan# 312
Delta R.T. 0.01 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 58 Resp: 10313

Ion	Ratio	Lower	Upper
58	100		
43	452.6	360.9	541.3

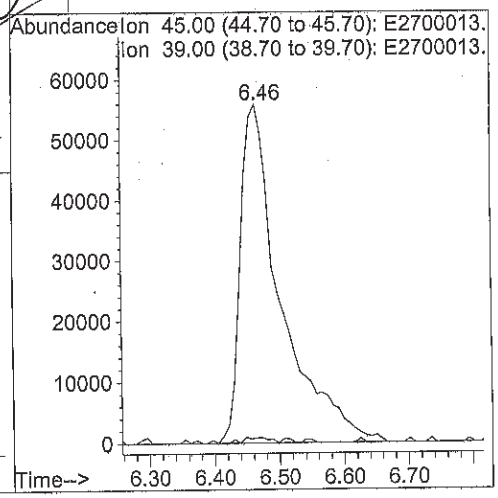


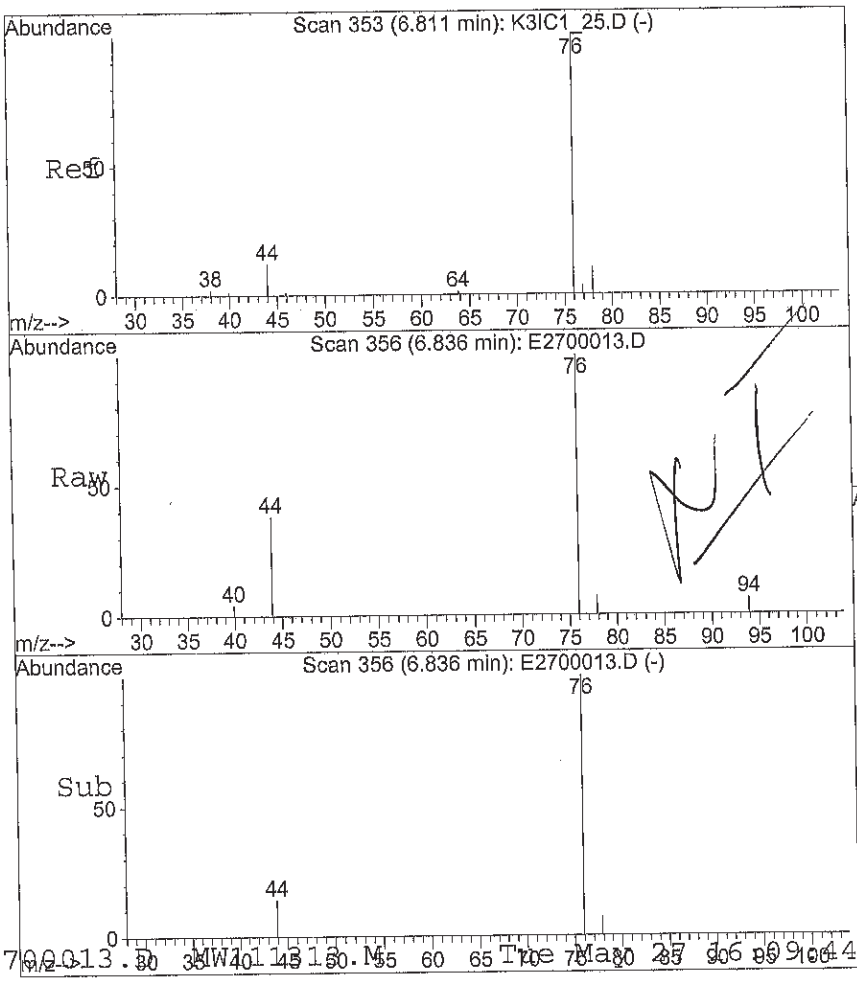


#12
(IPA) Leak Check Compound
Concen: 1325.75 ug/L
RT: 6.46 min Scan# 312
Delta R.T. -0.08 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 45 Resp: 242083

Ion	Ratio	Lower	Upper
45	100		
39	1.1	4.9	7.3#

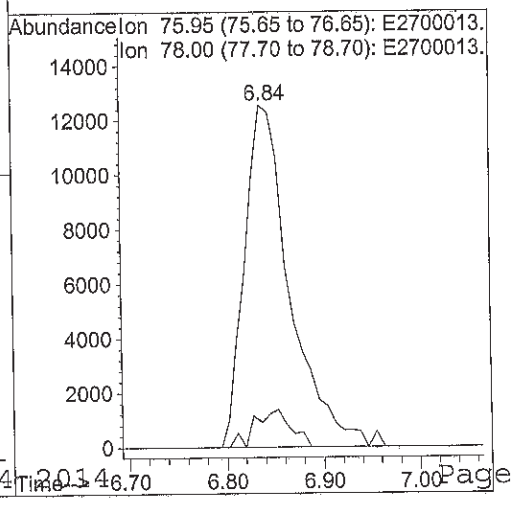


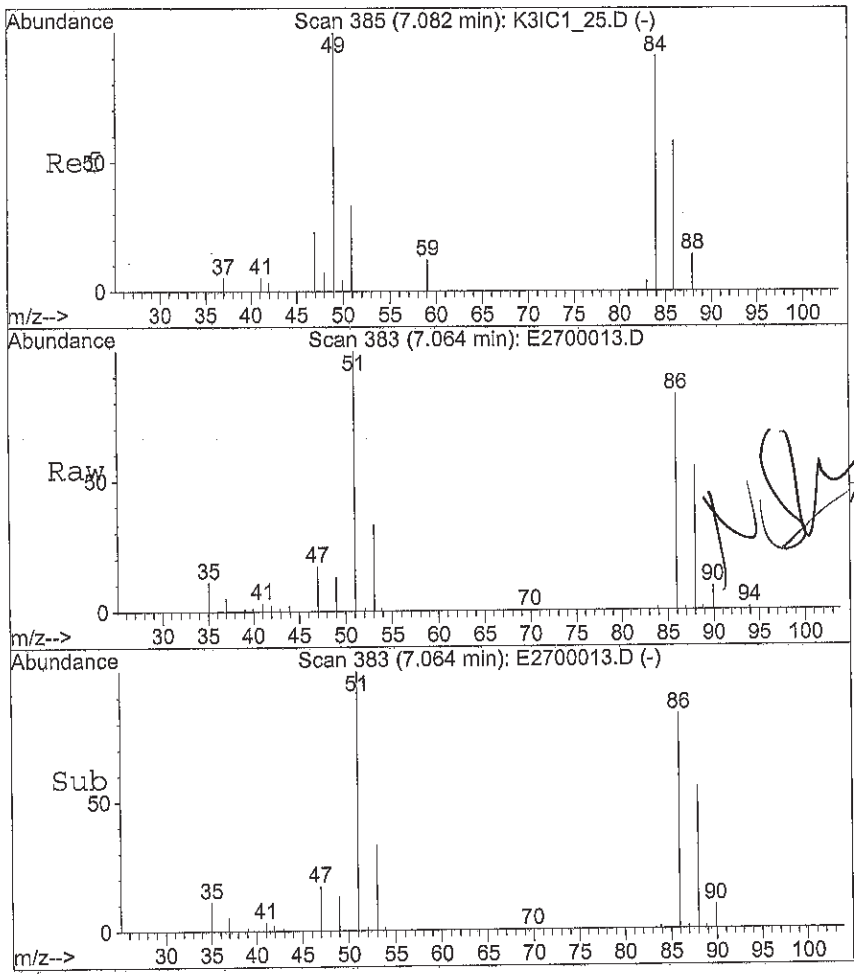


#13
Carbon disulfide
Concen: 3.24 ug/L
RT: 6.84 min Scan# 356
Delta R.T. 0.02 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 76 Resp: 40965

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

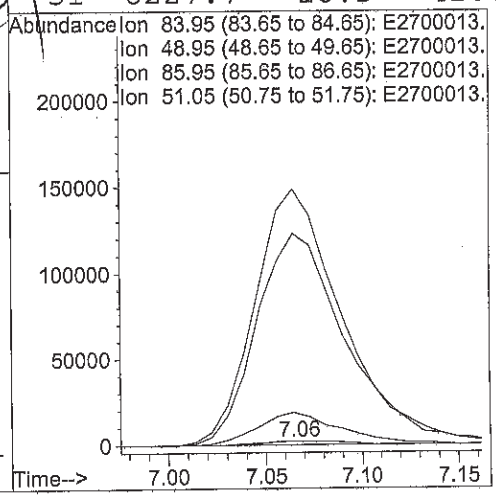


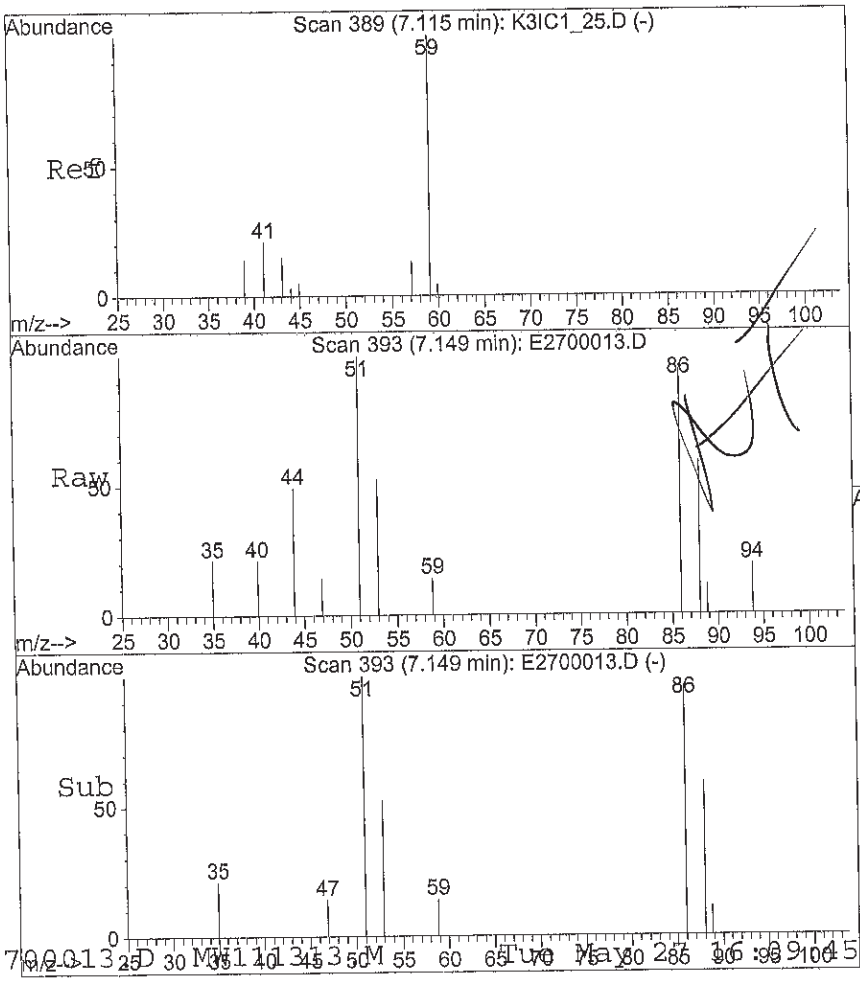


#14
Methylene Chloride
Concen: 1.38 ug/L
RT: 7.06 min Scan# 383
Delta R.T. -0.02 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 84 Resp: 5752

Ion	Ratio	Lower	Upper
84	100		
49	956.8	89.8	134.6#
86	6953.1	51.1	76.7#
51	8227.7	28.5	42.7#

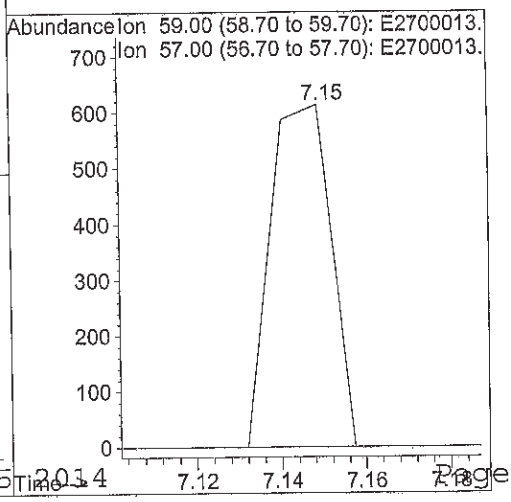


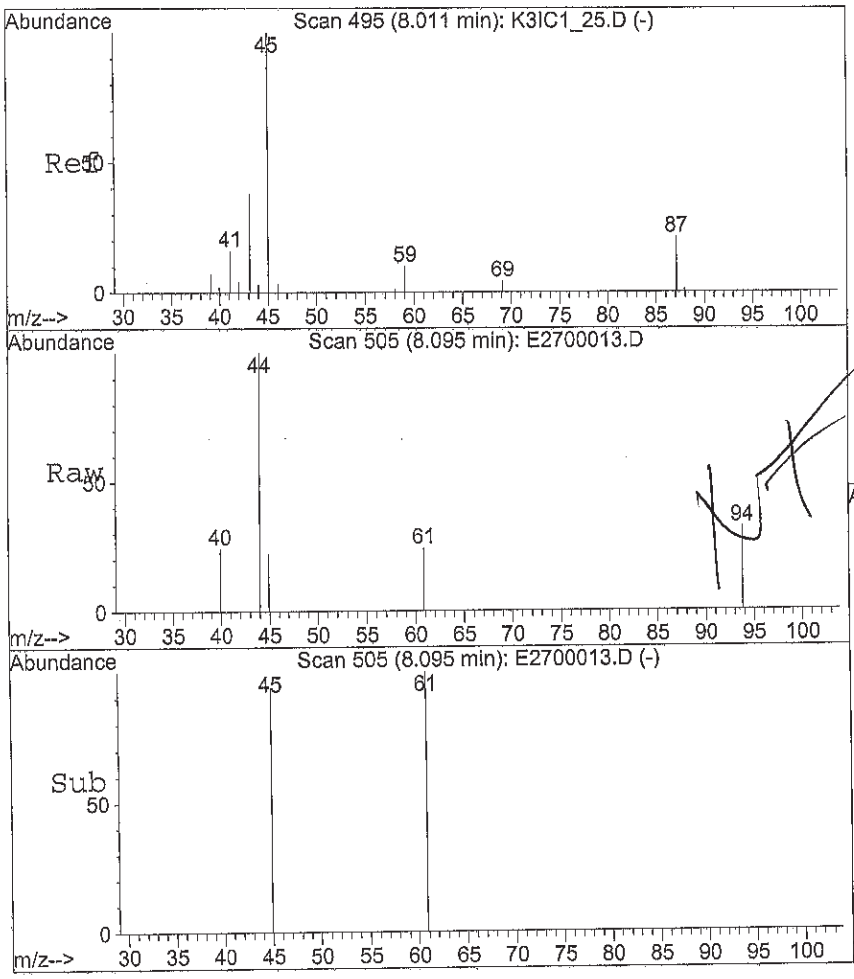


#15
(TBA) tert-Butanol
Concen: 2.35 ug/L
RT: 7.15 min Scan# 393
Delta R.T. 0.03 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 59 Resp: 608

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

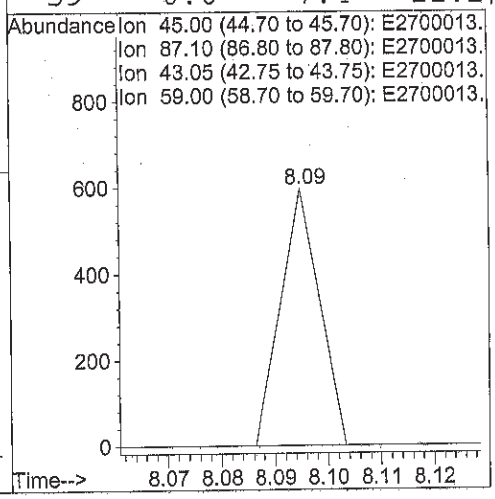


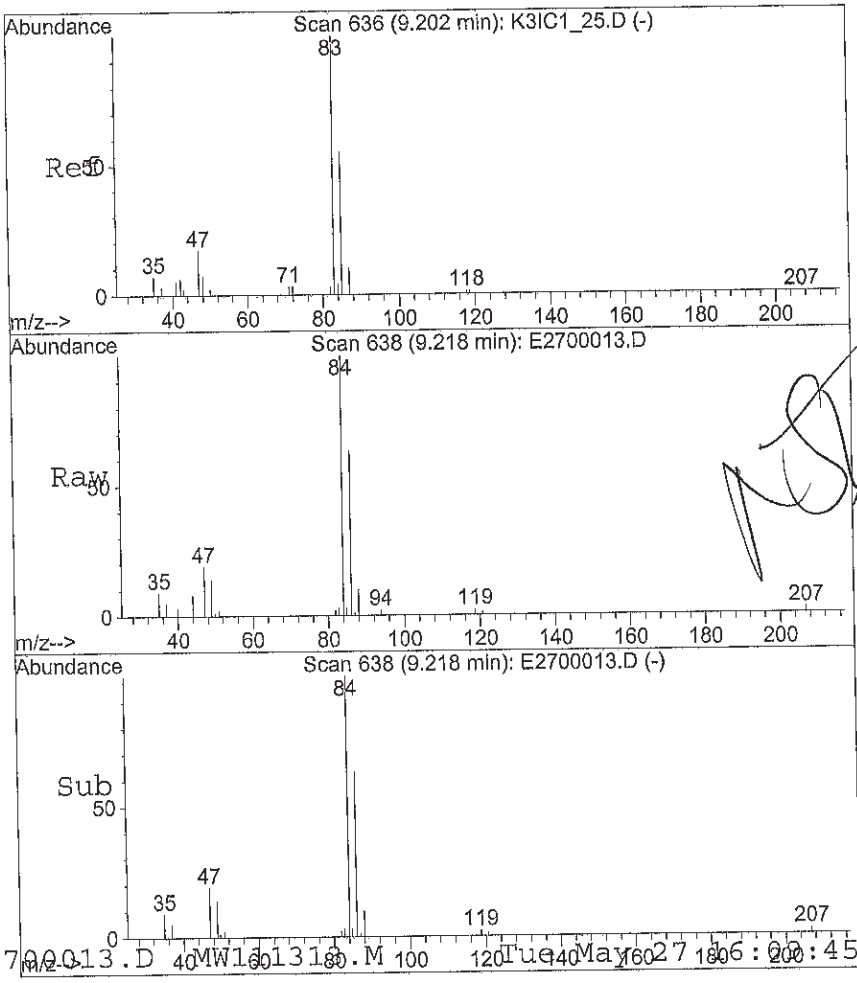


#22
(DIPE) Diisopropyl Ether
Concen: 0.03 ug/L
RT: 8.09 min Scan# 505
Delta R.T. 0.08 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 45 Resp: 302

Ion	Ratio	Lower	Upper
45	100		
87	0.0	17.0	25.6#
43	0.0	30.5	45.7#
59	0.0	7.4	11.2#

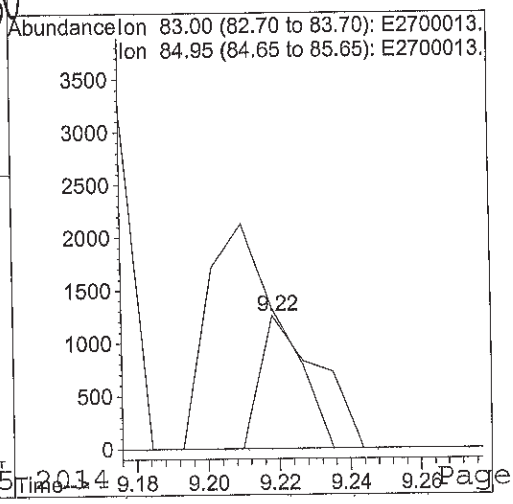


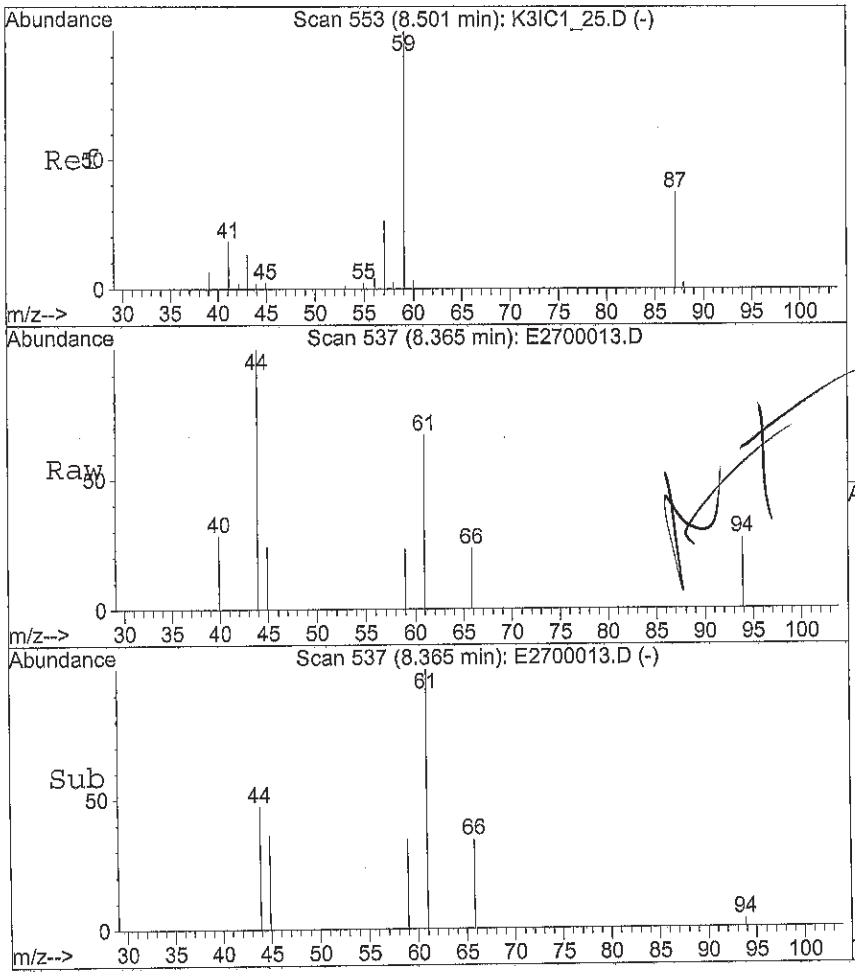


#24
Chloroform
Concen: 0.18 ug/L
RT: 9.22 min Scan# 638
Delta R.T. 0.02 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 83 Resp: 1421

Ion	Ratio	Lower	Upper
83	100		
85	212.0	51.8	77.6#

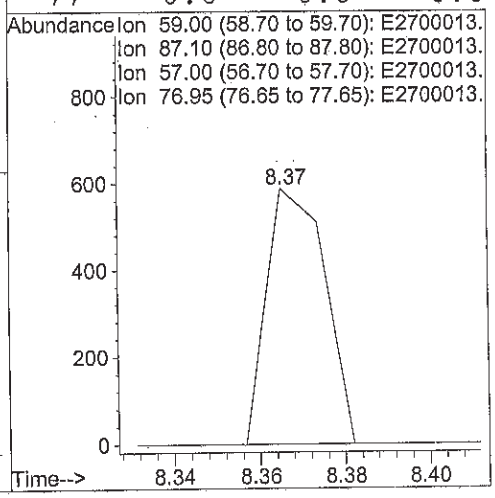


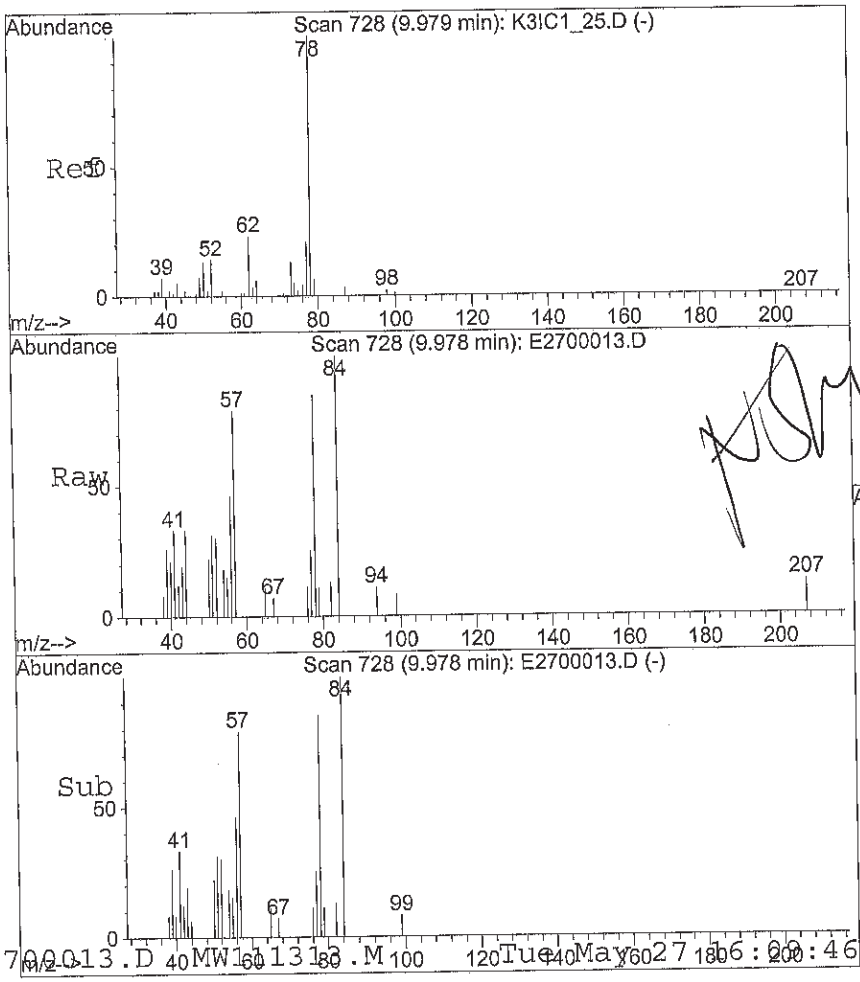


#25
(ETBE) 2-ethoxy 2-methyl propan
Concen: 0.05 ug/L
RT: 8.37 min Scan# 537
Delta R.T. -0.14 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 59 Resp: 556

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

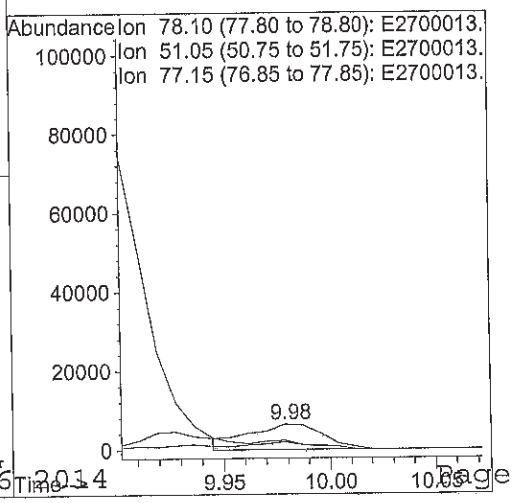


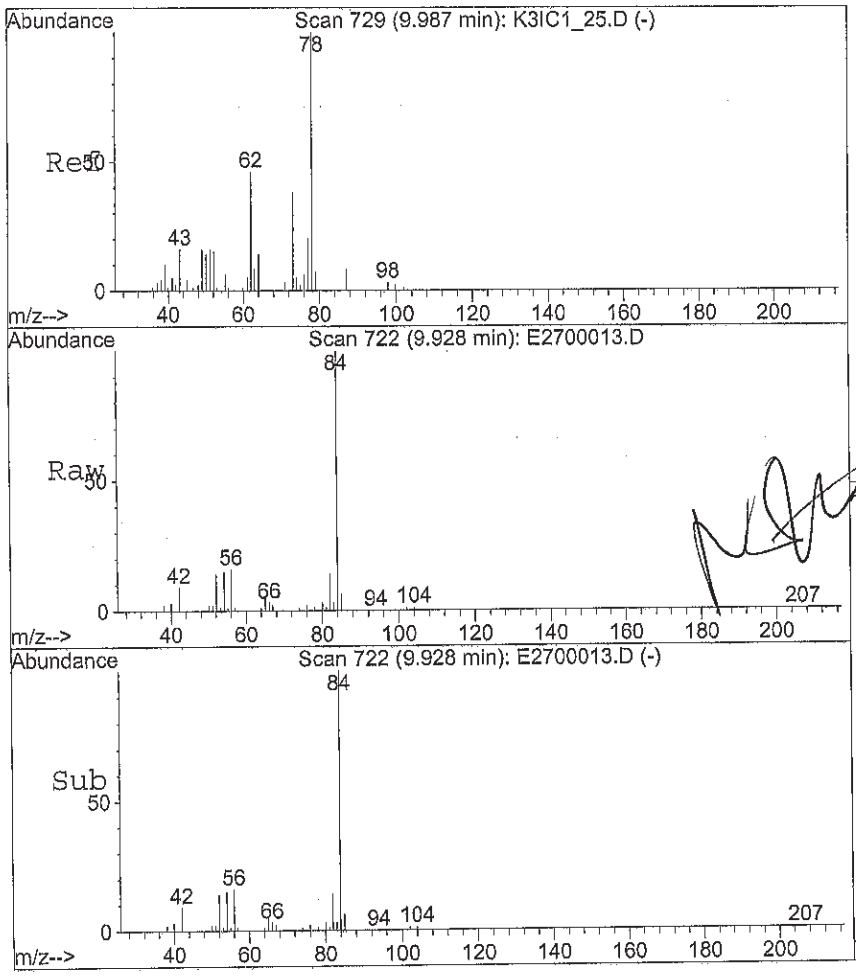


#31
Benzene
Concen: 1.09 ug/L
RT: 9.98 min Scan# 728
Delta R.T. -0.00 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 78 Resp: 15569

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	23.2	16.6	24.8

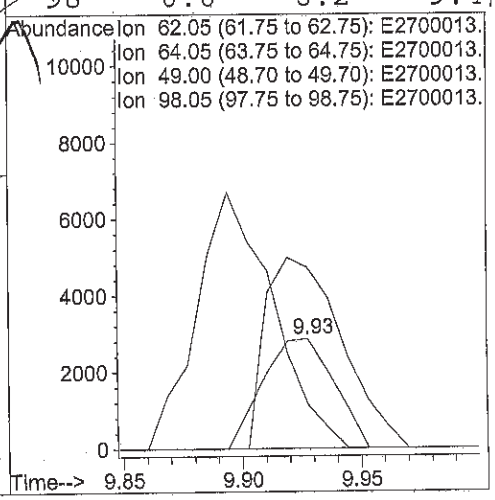


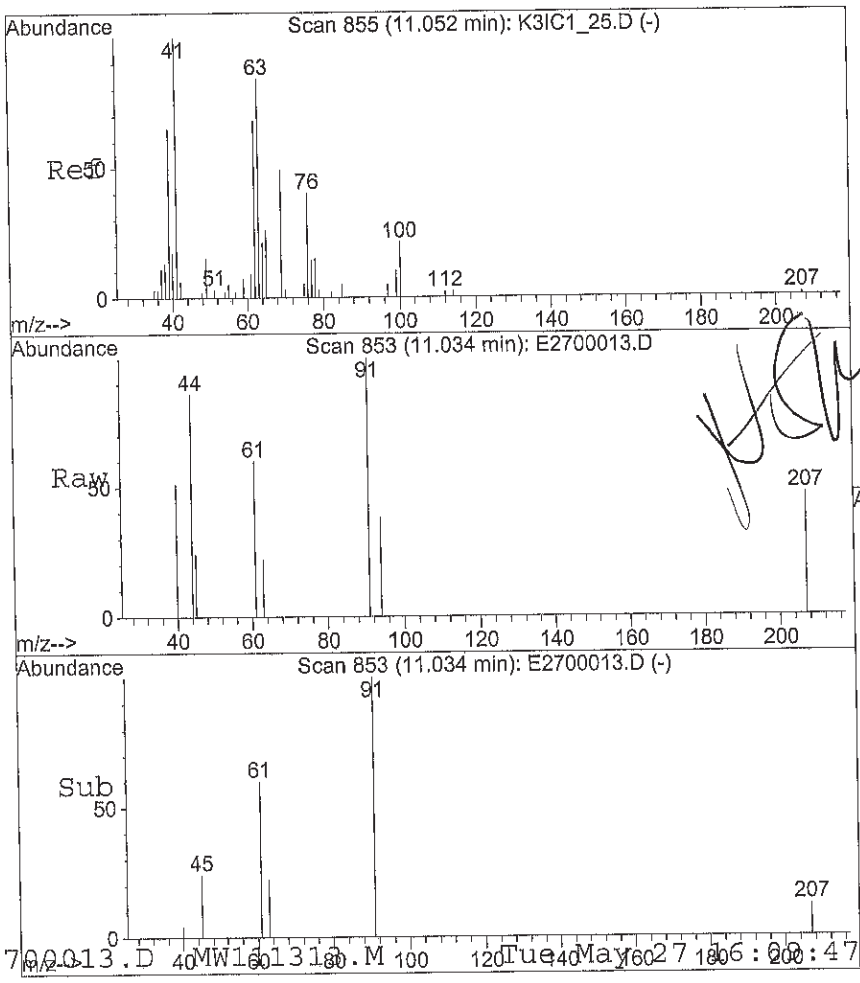


#32
1,2-Dichloroethane
Concen: 1.17 ug/L
RT: 9.93 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 62 Resp: 5923

Ion	Ratio	Lower	Upper
62	100		
64	187.6	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

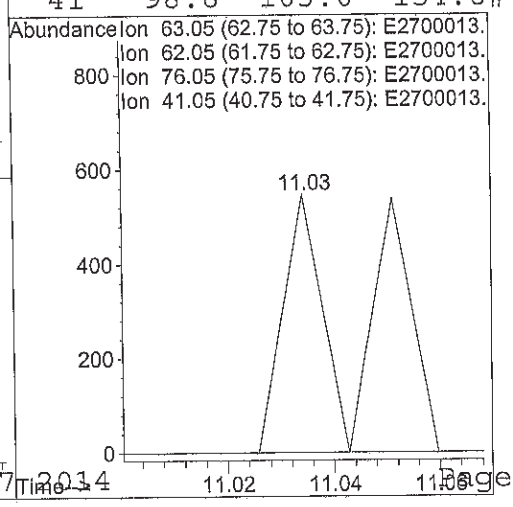


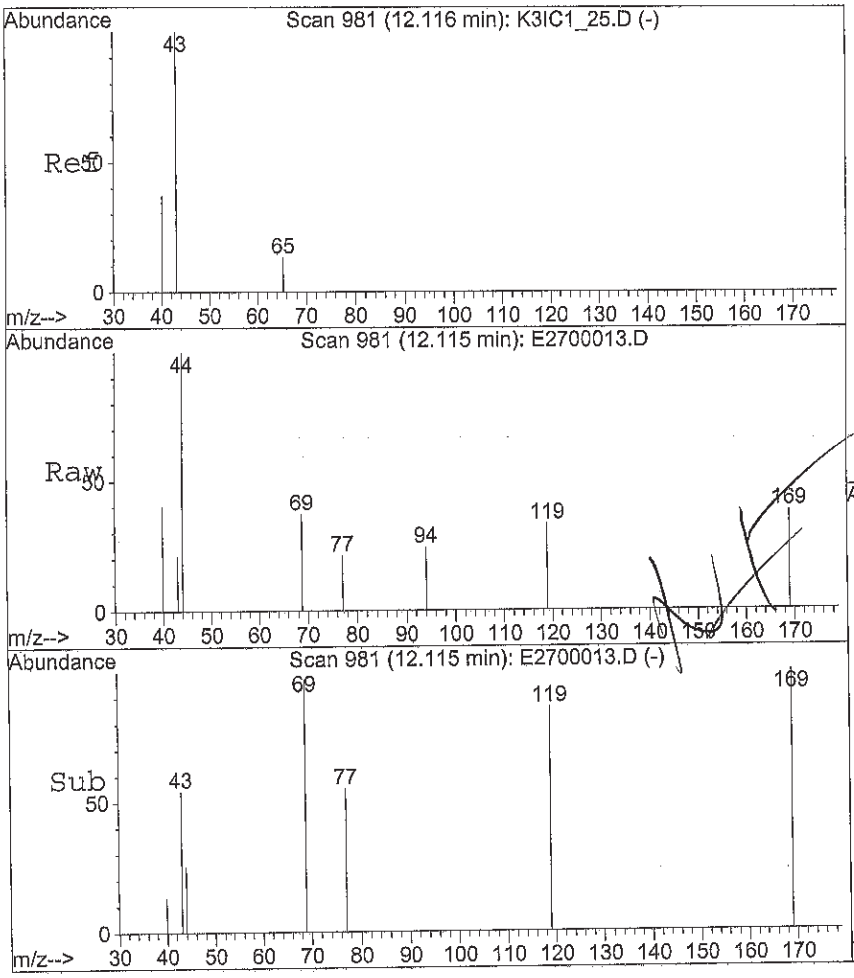


#34
1,2-Dichloropropane
Concen: 0.08 ug/L
RT: 11.03 min Scan# 853
Delta R.T. -0.02 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 63 Resp: 277

Ion	Ratio	Lower	Upper
63	100		
62	0.0	67.4	101.2#
76	0.0	40.3	60.5#
41	98.6	103.0	154.6#

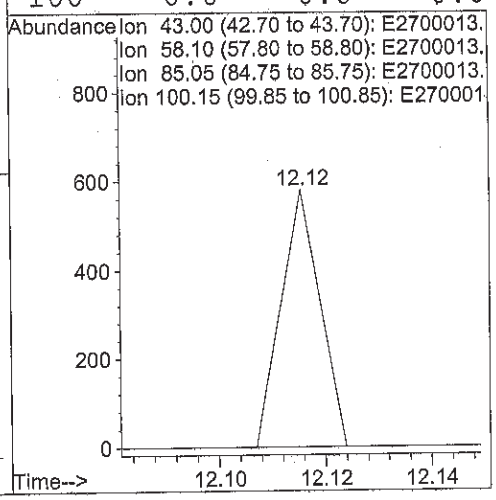


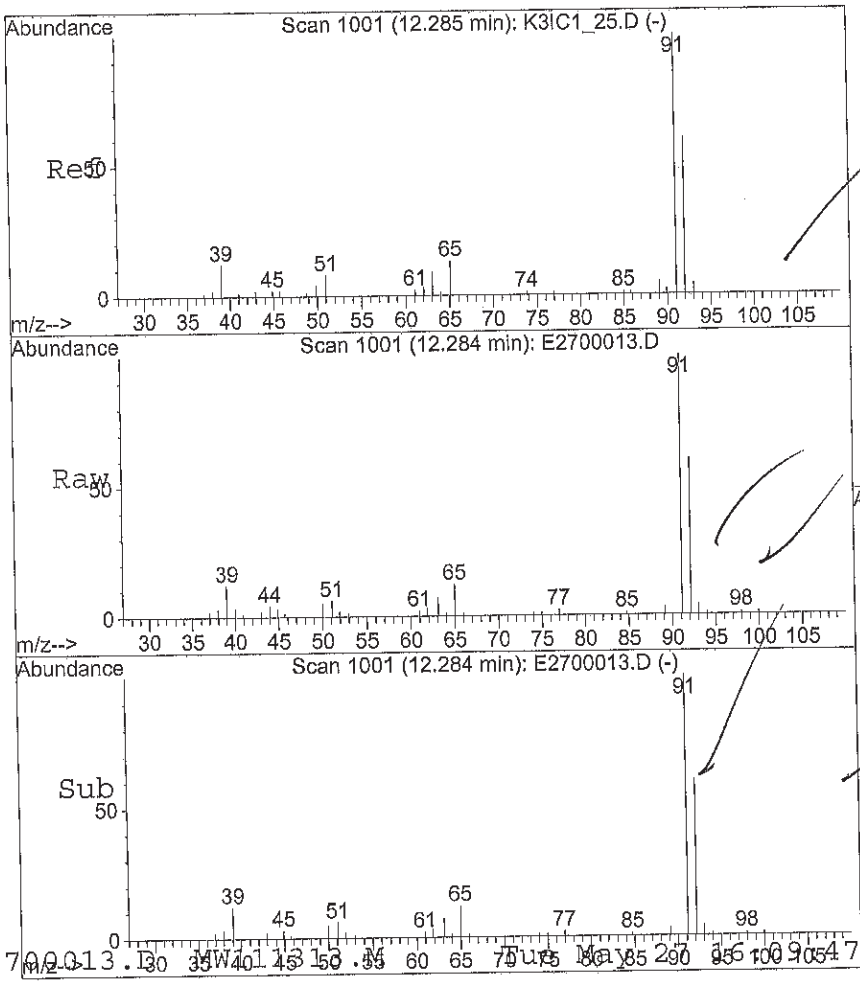


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 0.13 ug/L
RT: 12.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 43 Resp: 293

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	0.0
85	0.0	0.0	0.0
100	0.0	0.0	0.0

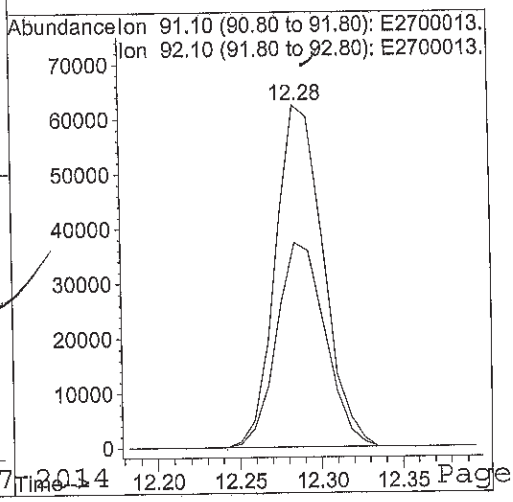


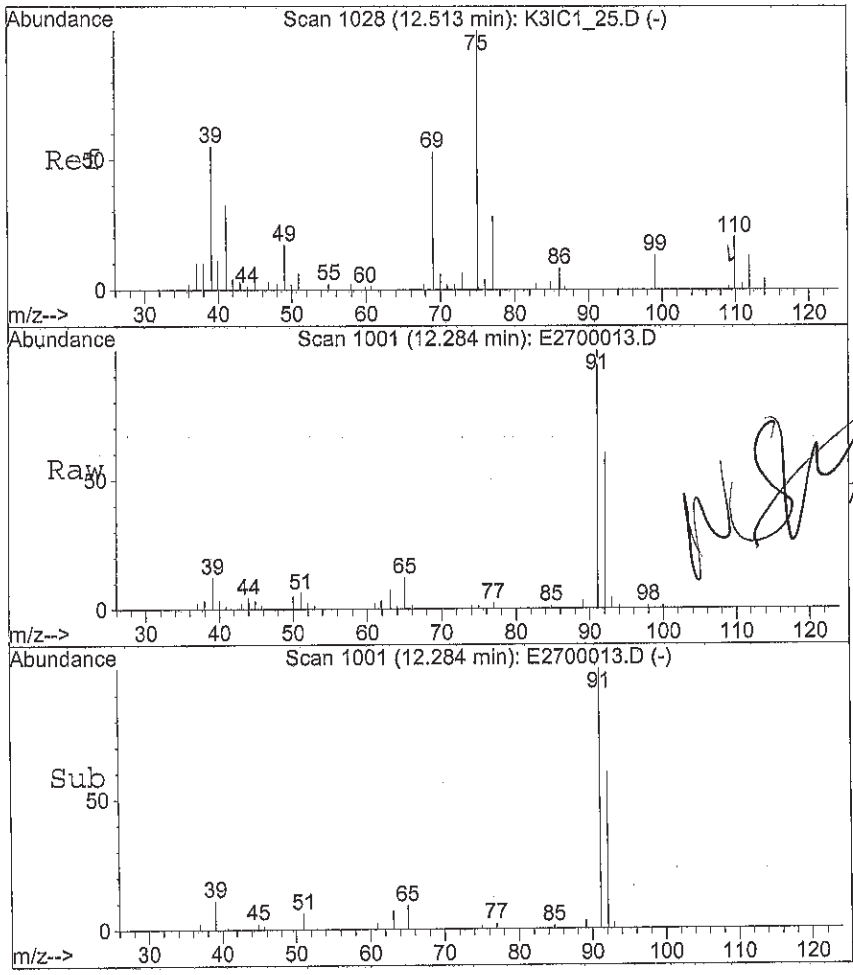


#41
Toluene
Concen: 7.99 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. -0.00 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 91 Resp: 127014

Ion	Ratio	Lower	Upper
91	100		
92	60.9	47.4	71.0

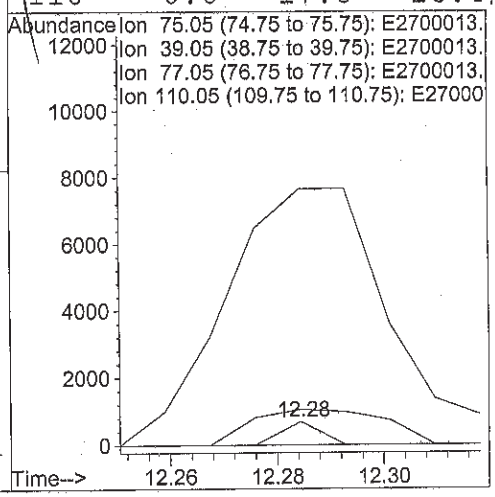


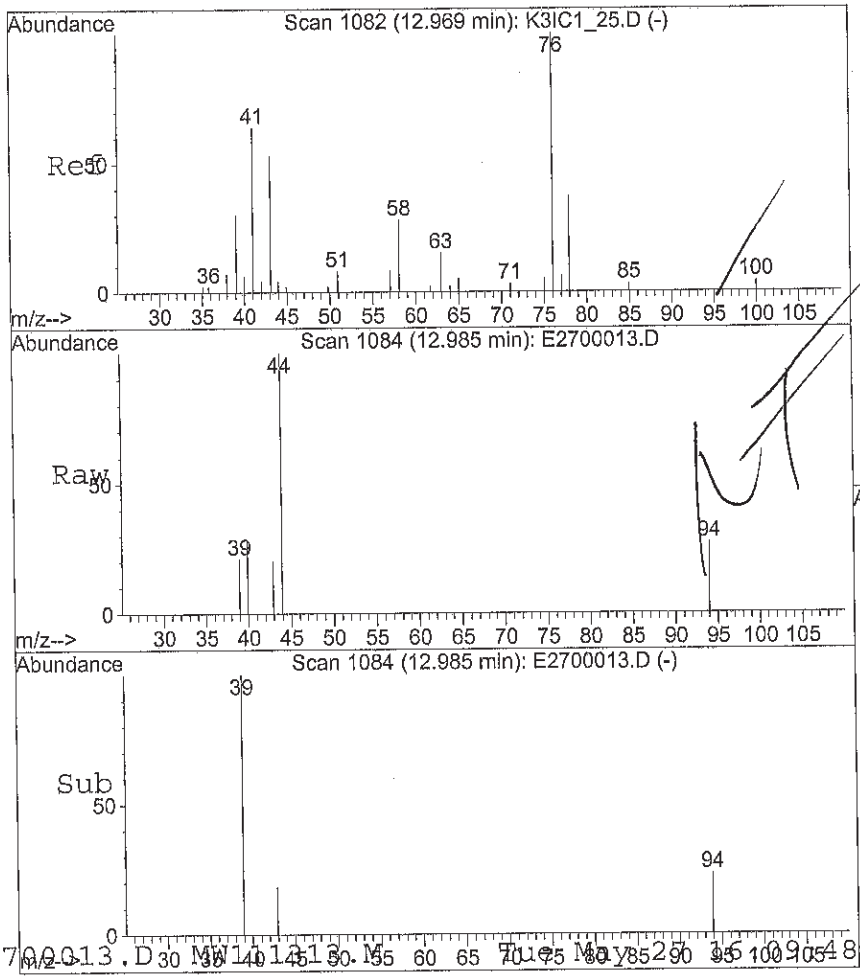


#42
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. -0.23 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 75 Resp: 353

Ion	Ratio	Lower	Upper
75	100		
39	4655.5	53.6	80.4#
77	517.3	25.4	38.2#
110	0.0	17.6	26.4#

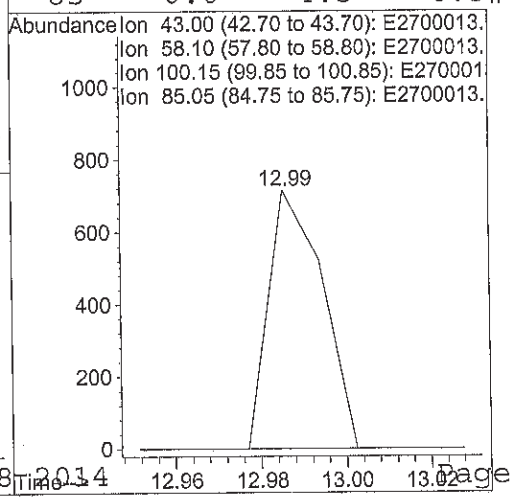


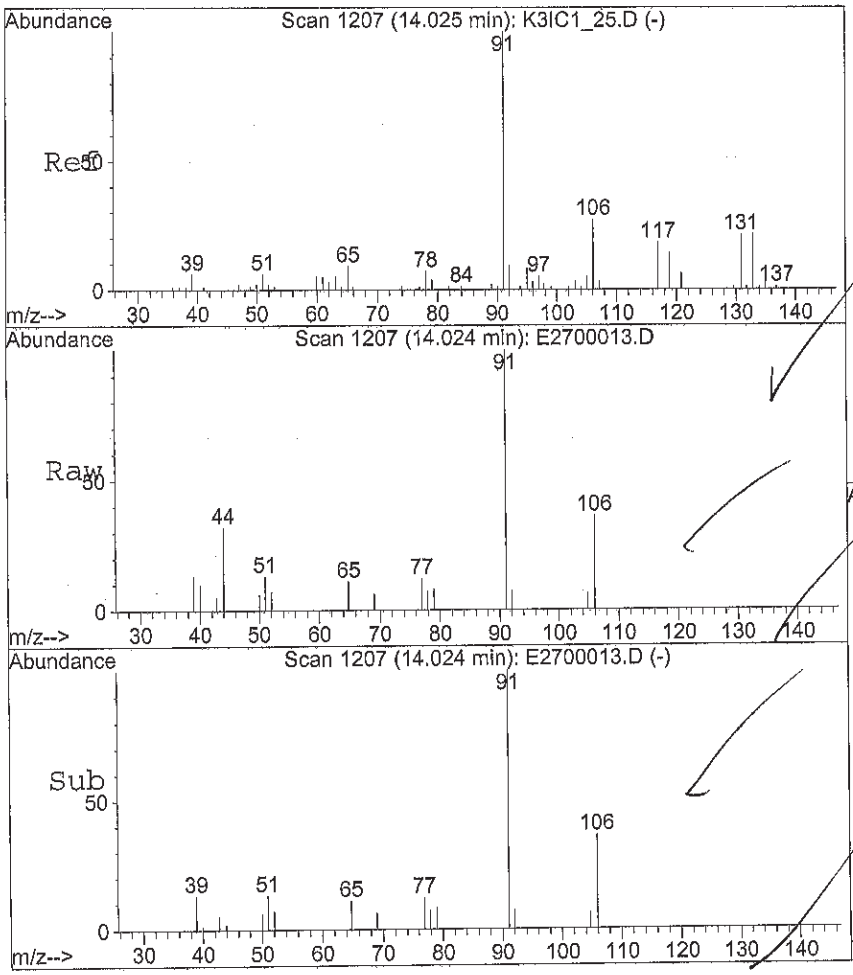


#46
2-Hexanone
Concen: 0.25 ug/L
RT: 12.99 min Scan# 1084
Delta R.T. 0.02 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 43 Resp: 626

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

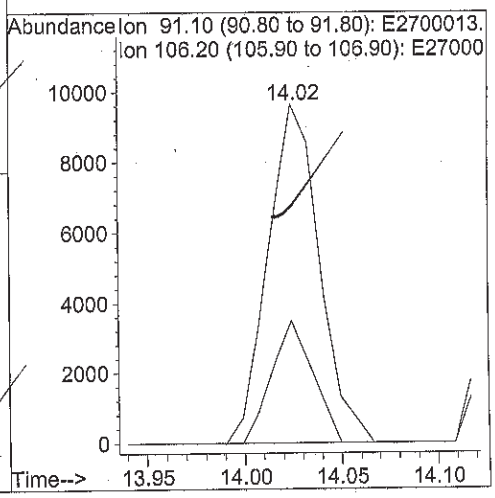


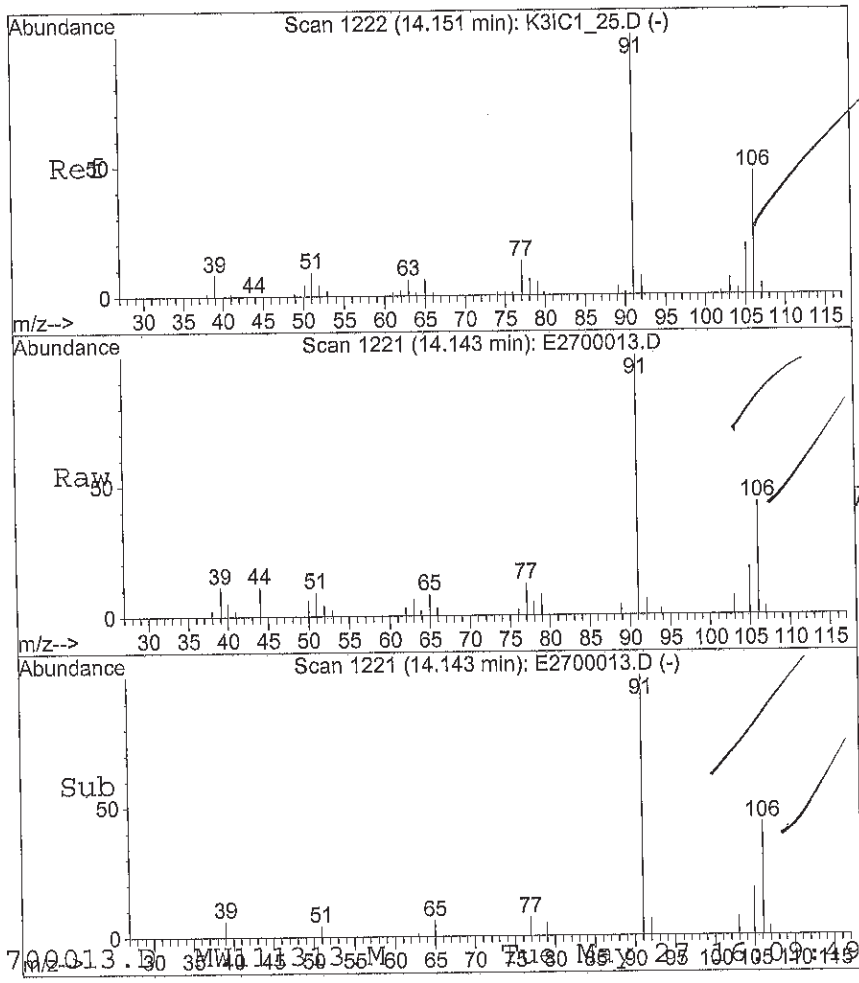


#51
Ethylbenzene
Concen: 0.98 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.00 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 91 Resp: 17785

Ion	Ratio	Lower	Upper
91	100		
106	28.9	23.5	35.3

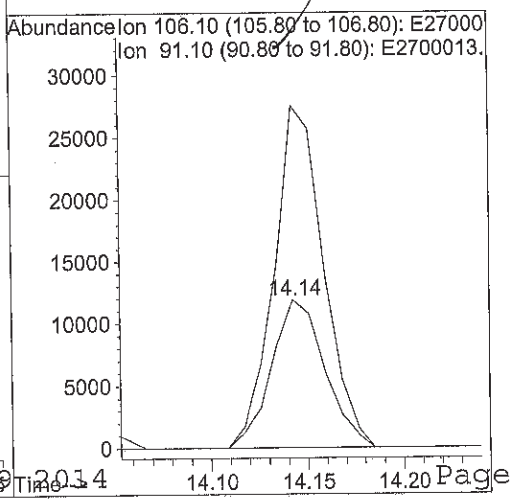


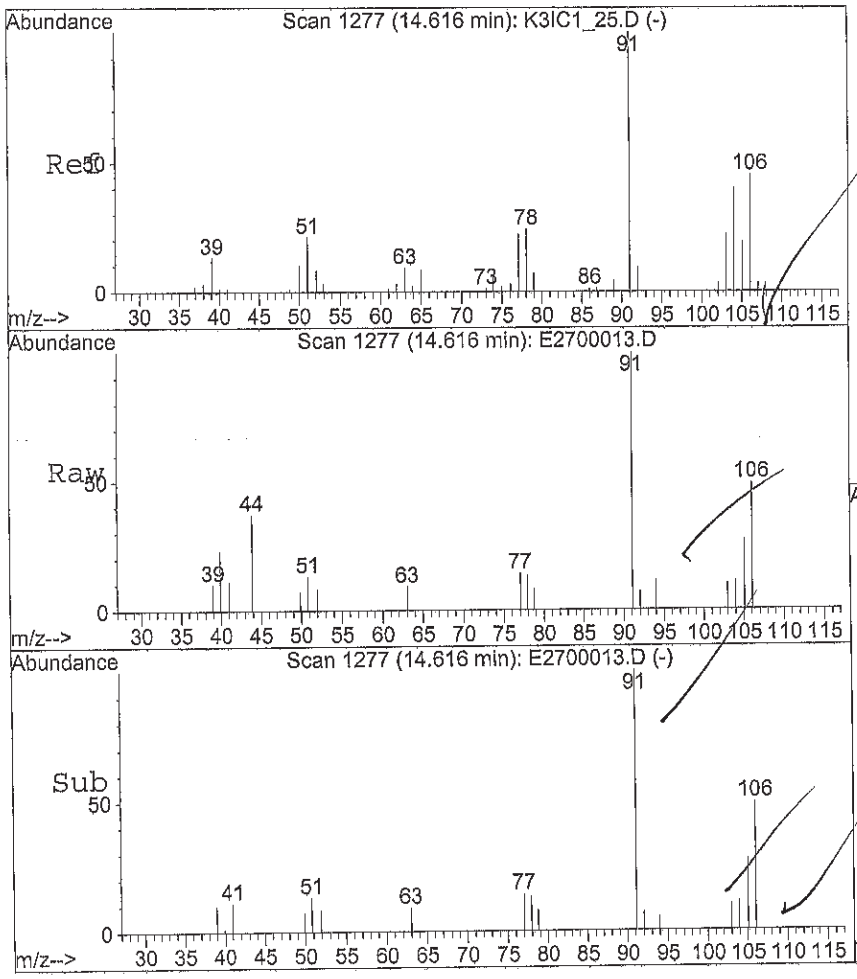


#52
m,p-Xylenes
Concen: 3.55 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:106 Resp: 22792

Ion	Ratio	Lower	Upper
106	100		
91	215.6	177.1	265.7

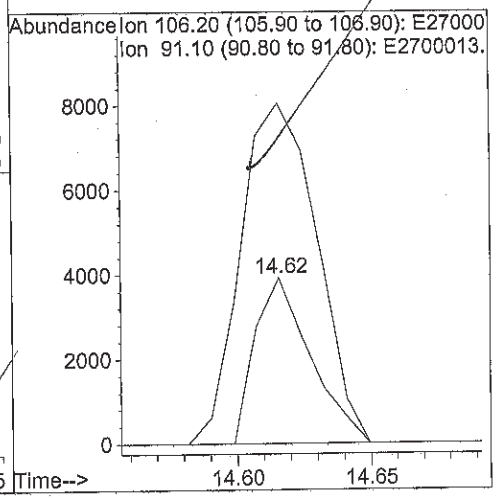


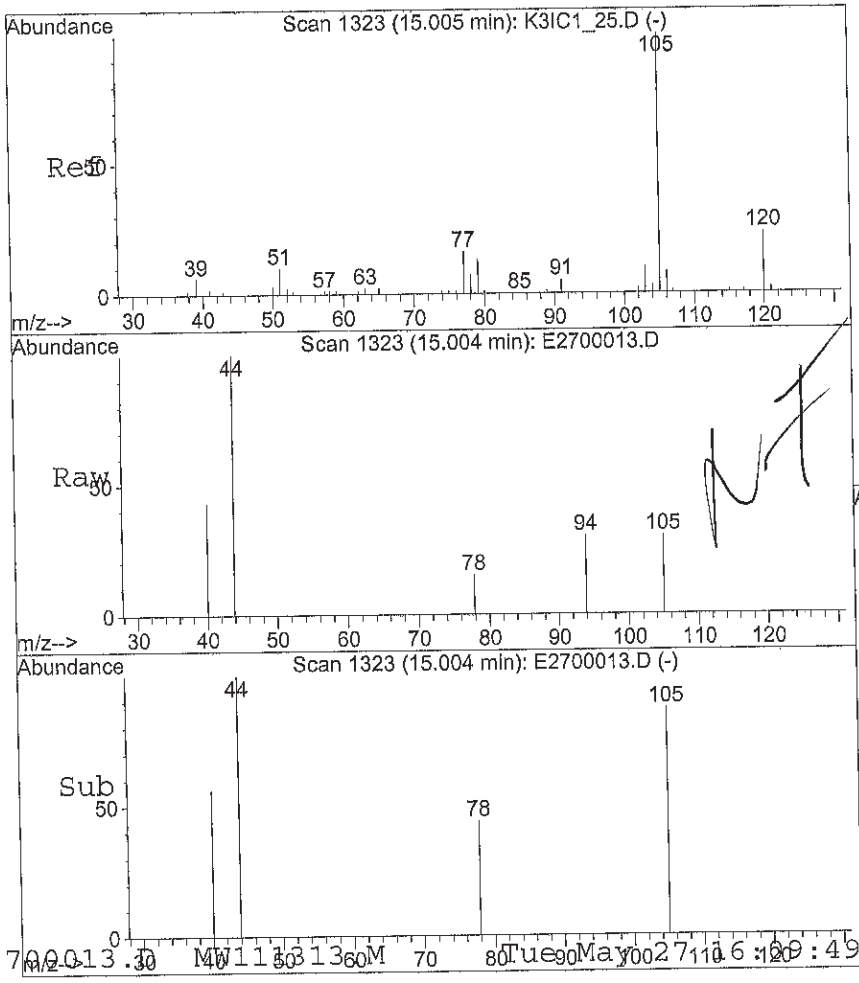


#53
o-Xylene
Concen: 0.89 ug/L
RT: 14.62 min Scan# 1277
Delta R.T. -0.00 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:106 Resp: 5633

Ion	Ratio	Lower	Upper
106	100		
91	281.9	179.0	268.6#

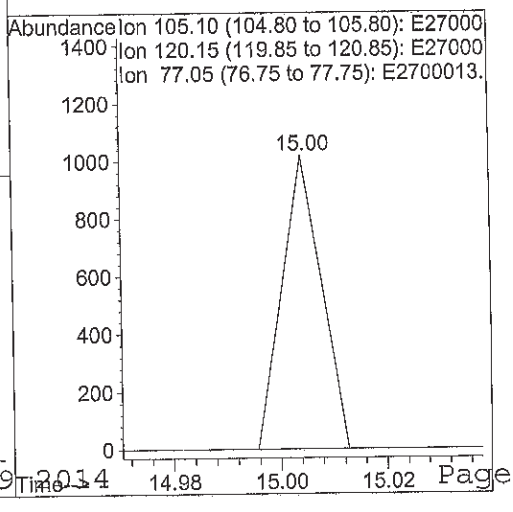


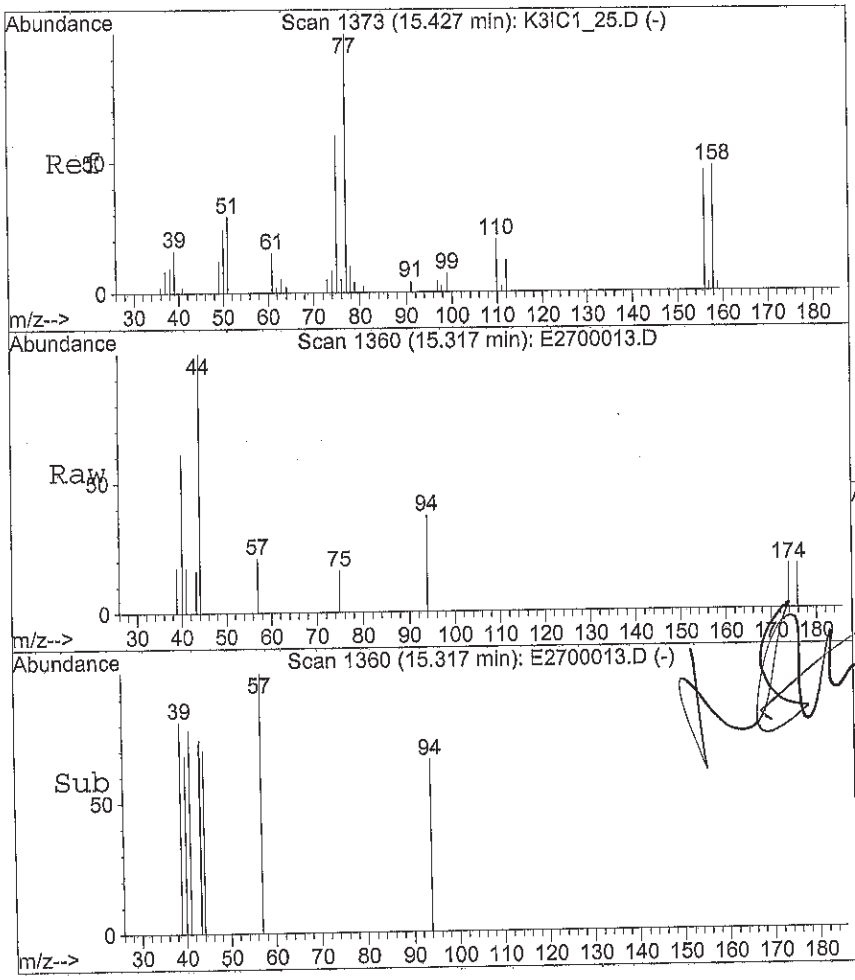


#56
Isopropylbenzene
Concen: 0.03 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.00 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:105 Resp: 516

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

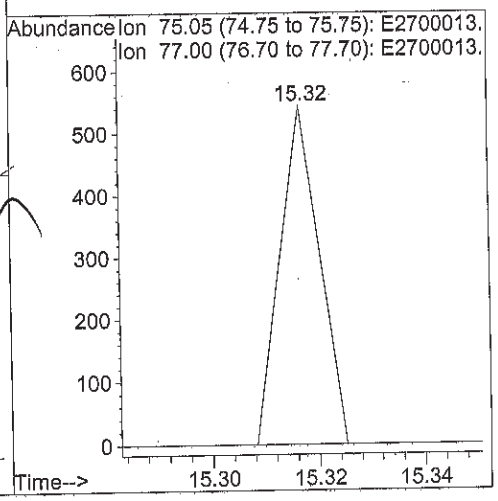


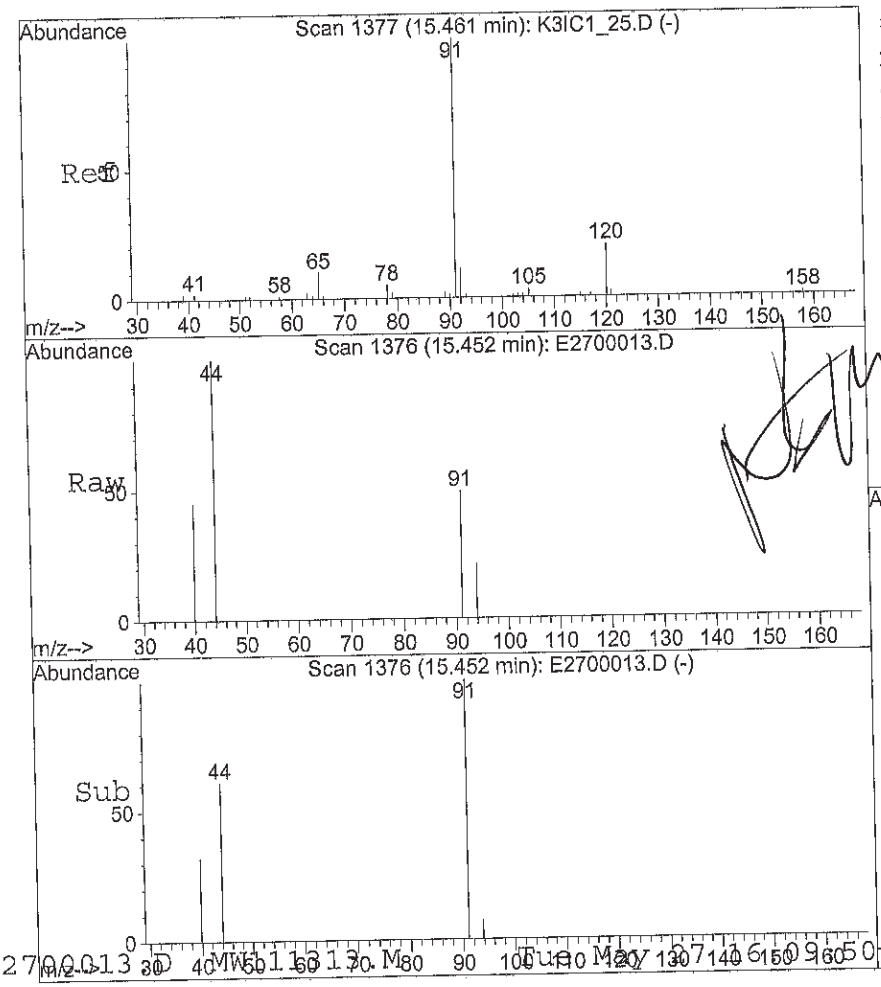


#57
1,2,3-Trichloropropane
Concen: 0.06 ug/L
RT: 15.32 min Scan# 1360
Delta R.T. -0.11 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 75 Resp: 276

Ion	Ratio	Lower	Upper
75	100		
77	0.0	31.2	46.8#

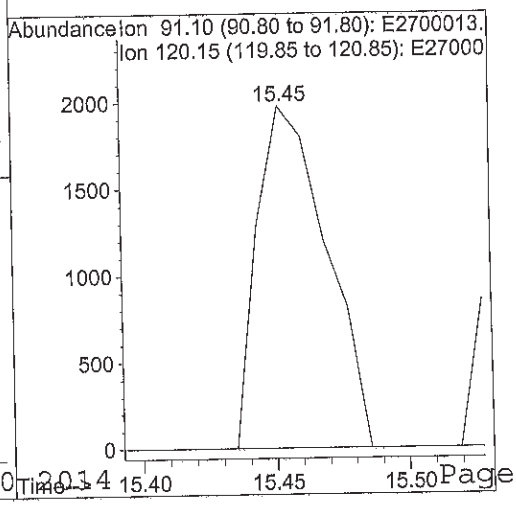


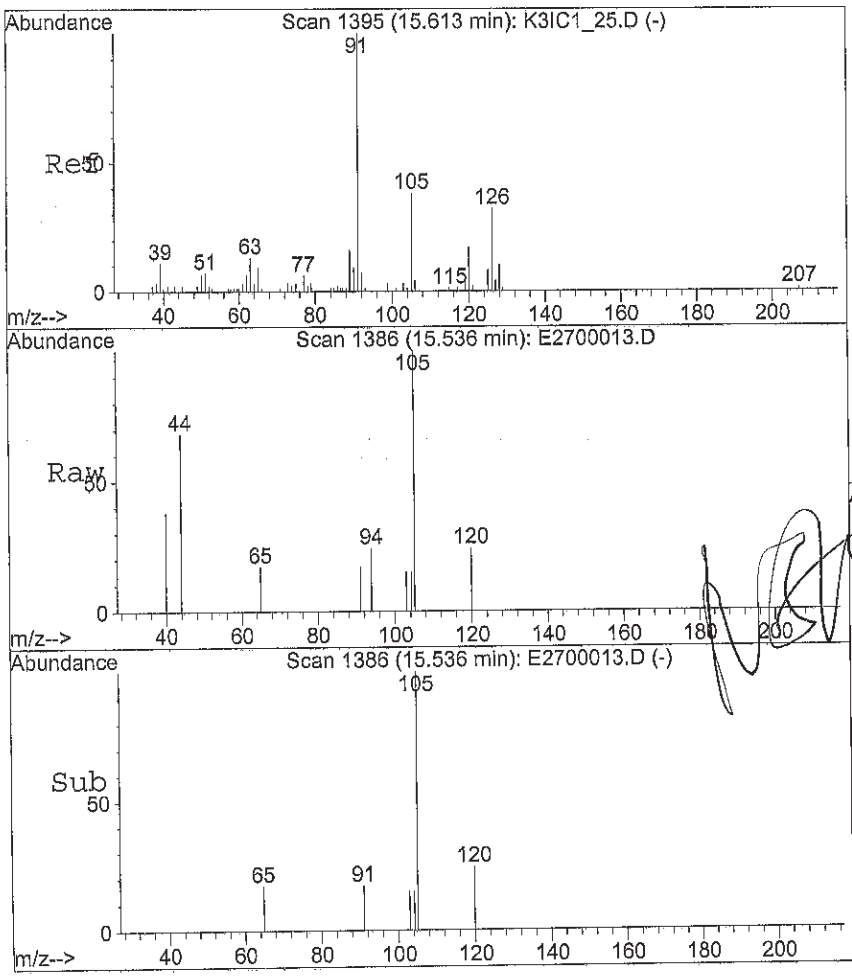


#62
n-Propylbenzene
Concen: 0.14 ug/L
RT: 15.45 min Scan# 1376
Delta R.T. -0.01 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 91 Resp: 3582

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

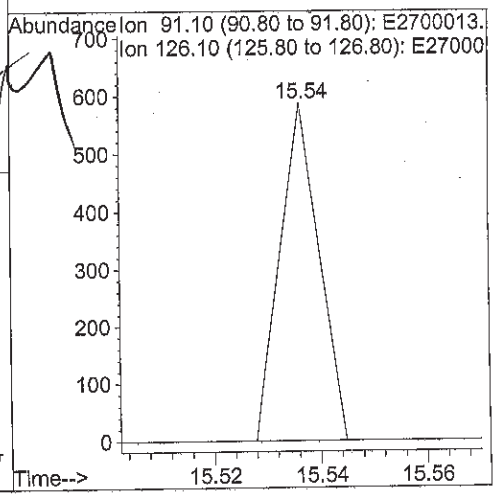


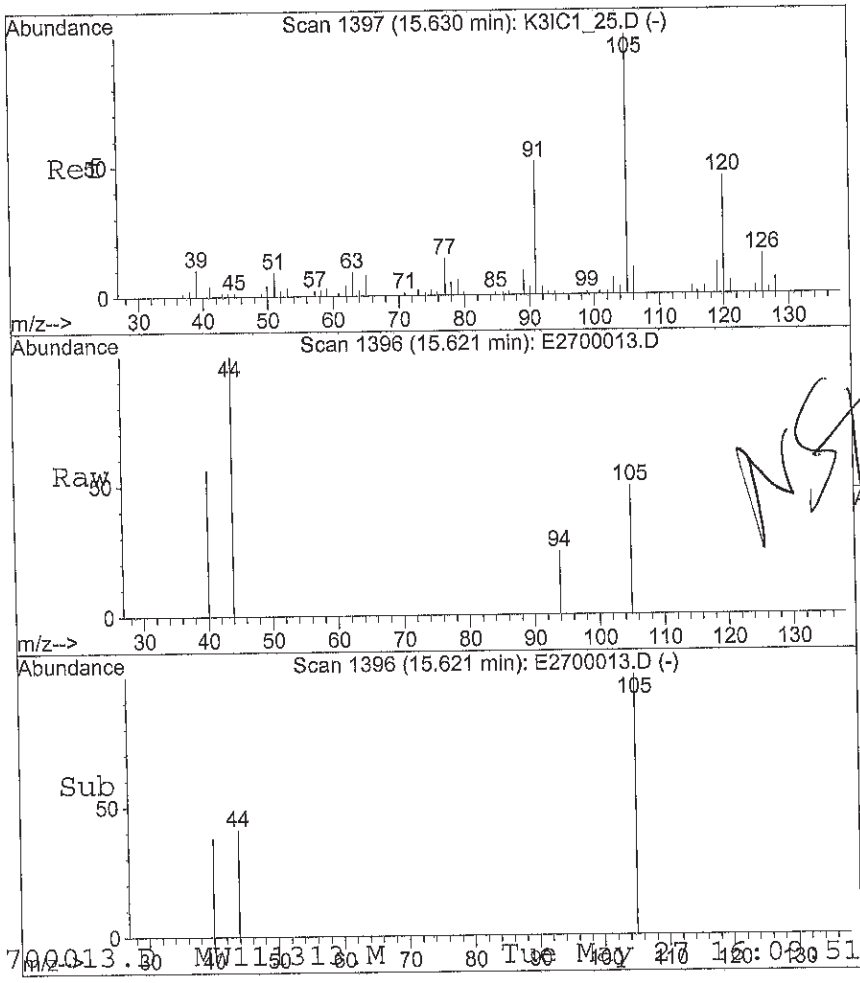


#63
2-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.54 min Scan# 1386
Delta R.T. -0.08 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 91 Resp: 298

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

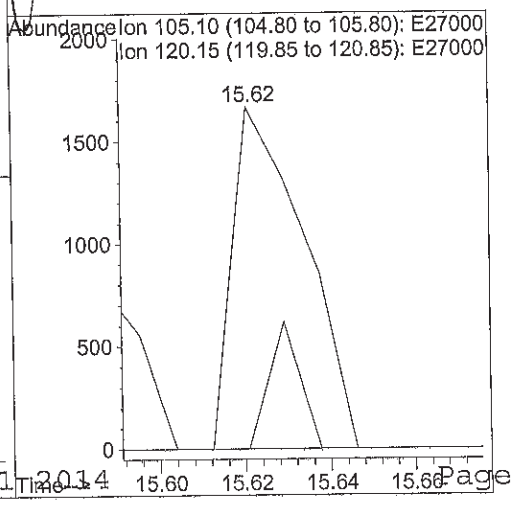


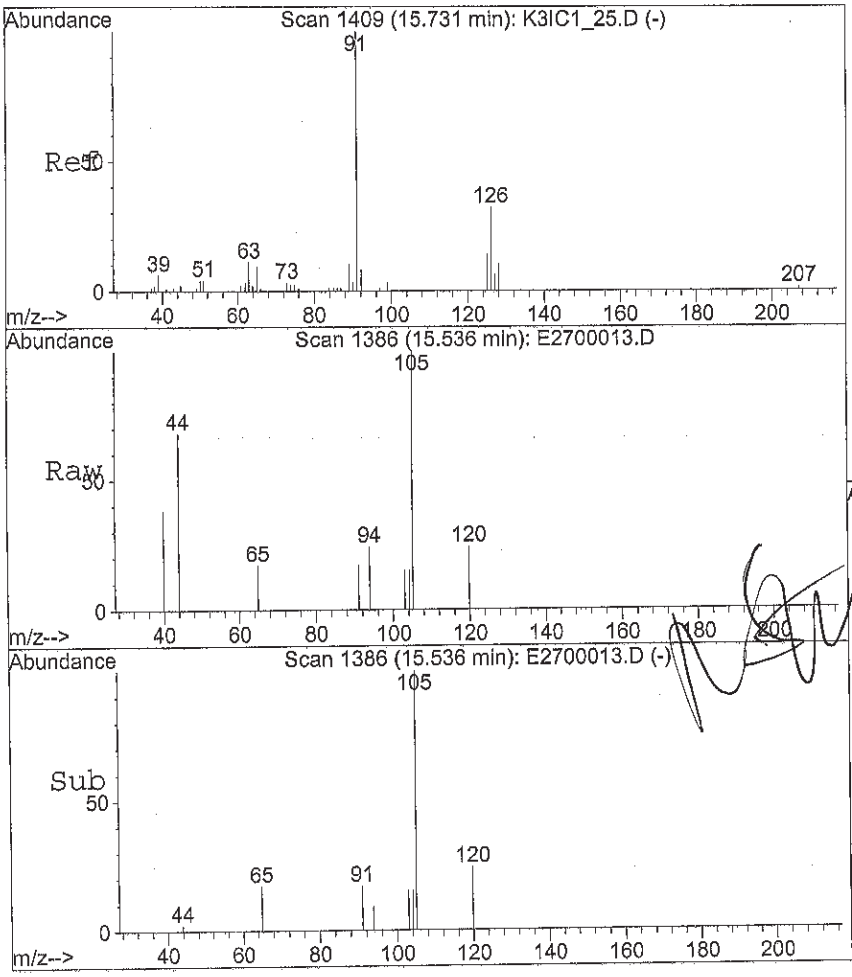


#64
1,3,5-Trimethylbenzene
Concen: 0.12 ug/L
RT: 15.62 min Scan# 1396
Delta R.T. -0.01 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:105 Resp: 1946

Ion	Ratio	Lower	Upper
105	100		
120	16.0	36.4	54.6#

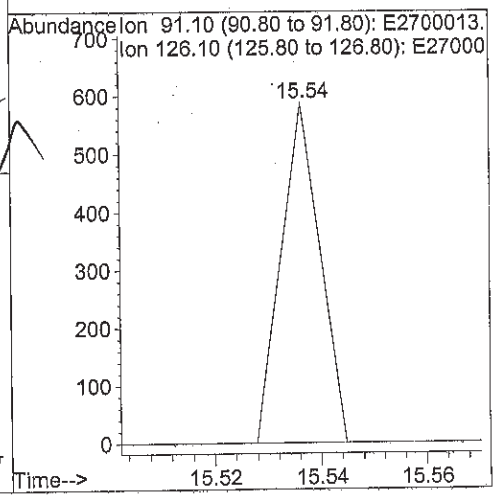


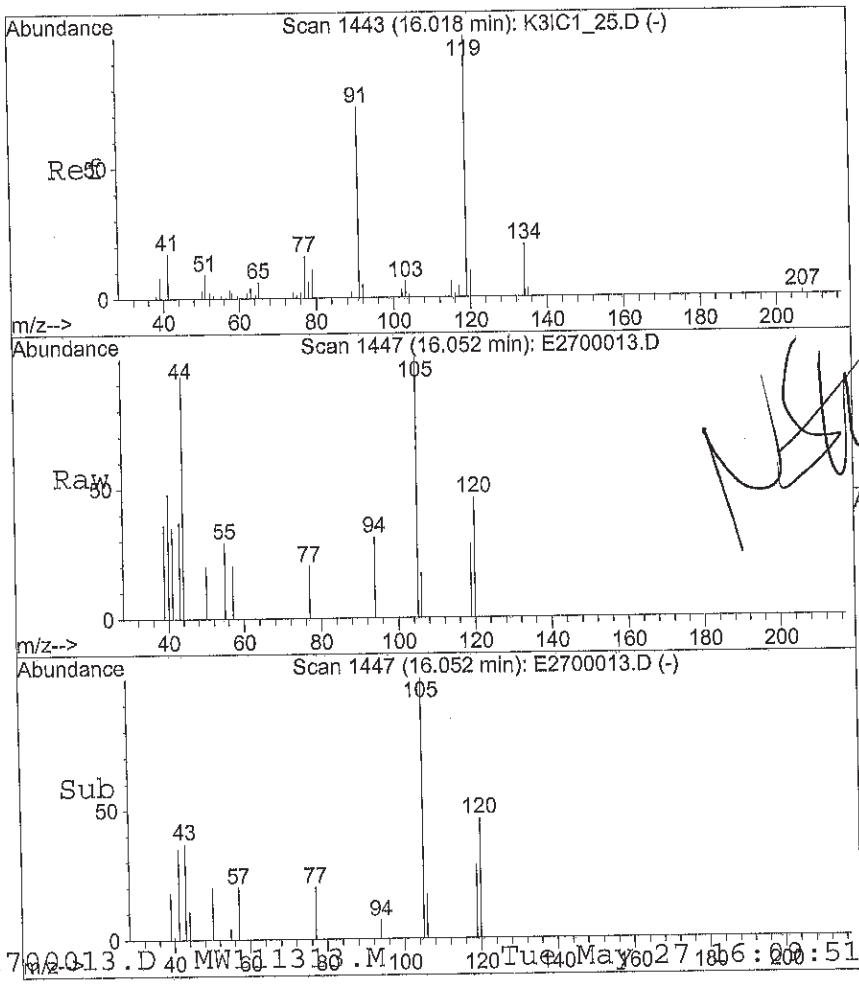


#65
4-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.54 min Scan# 1386
Delta R.T. -0.19 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 91 Resp: 298

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

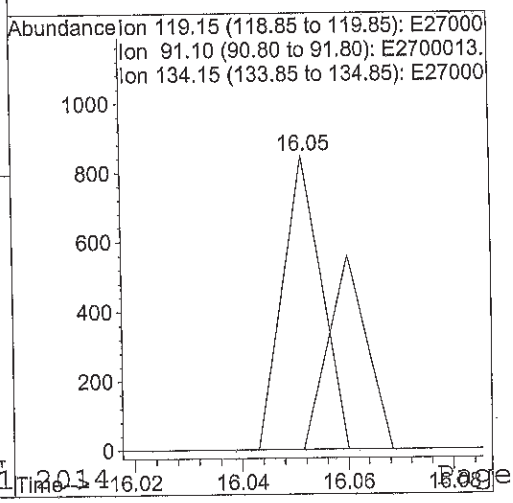


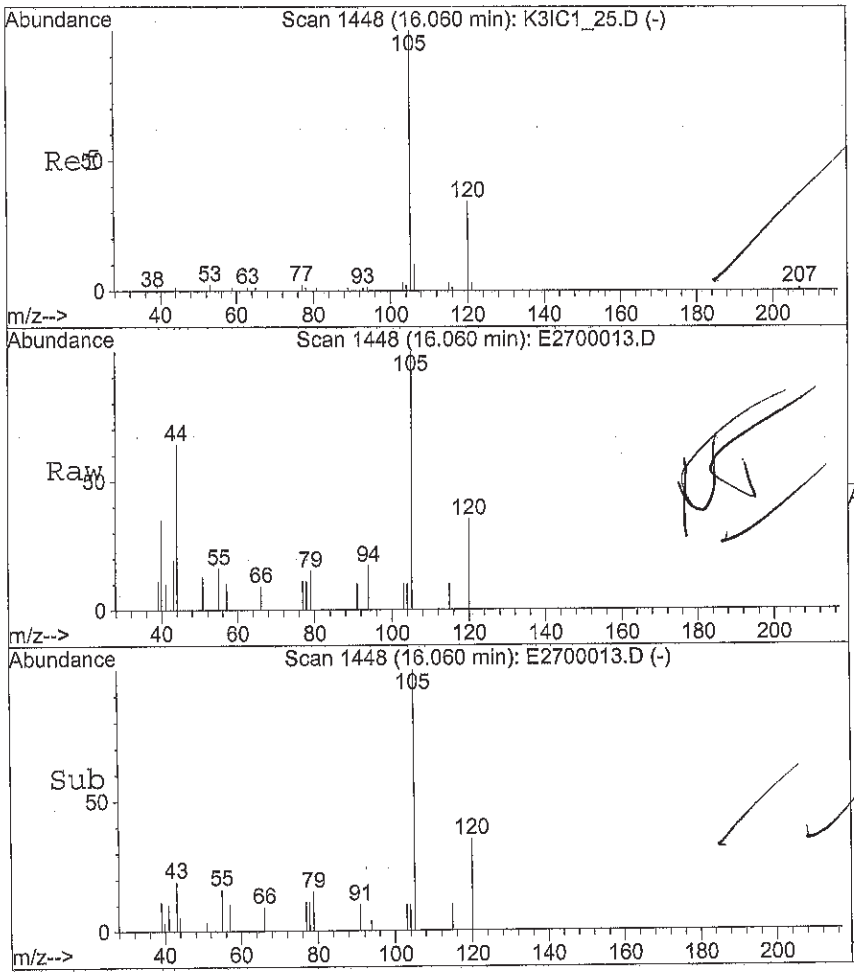


#66
tert-Butylbenzene
Concen: 0.03 ug/L
RT: 16.05 min Scan# 1447
Delta R.T. 0.03 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:119 Resp: 430

Ion	Ratio	Lower	Upper
119	100		
91	65.8	56.3	84.5
134	0.0	16.1	24.1#

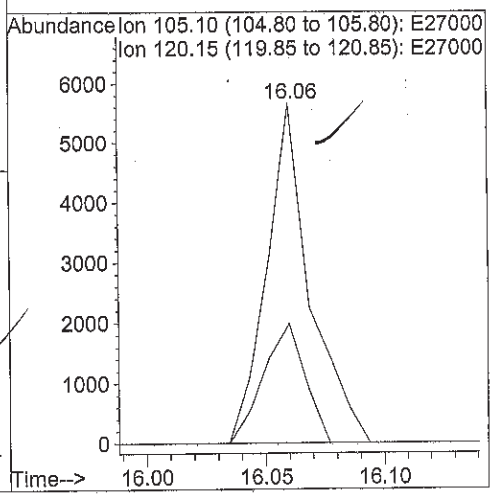


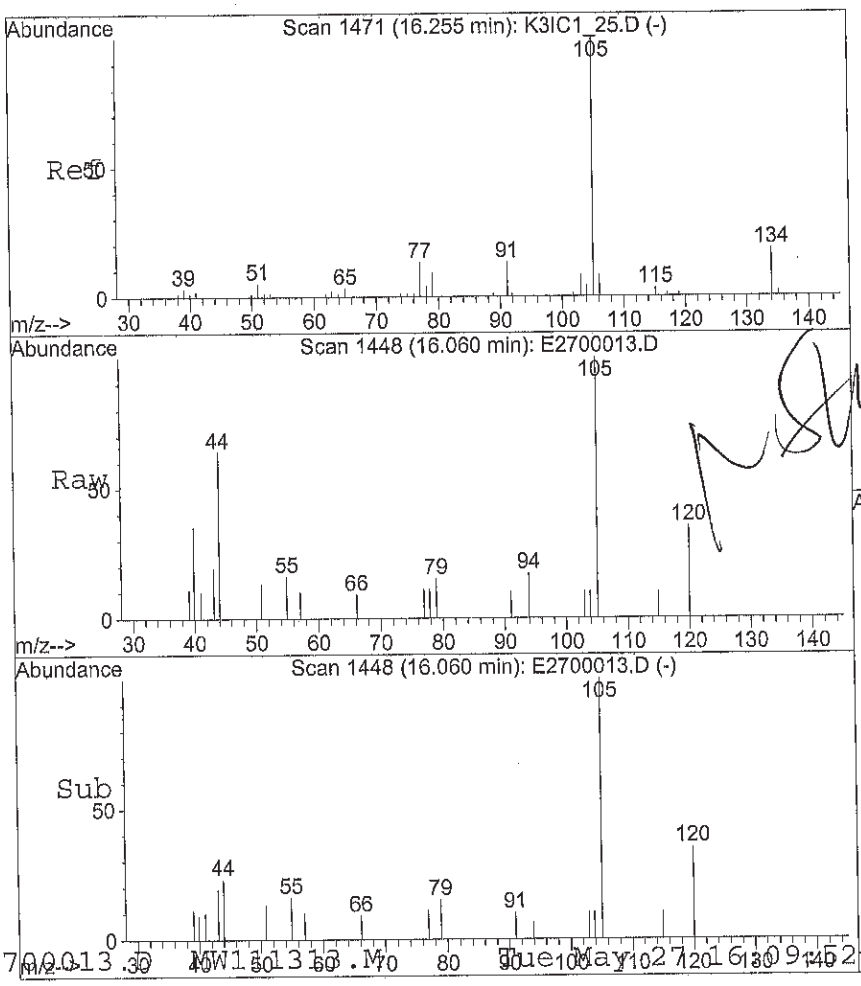


#67
1,2,4-Trimethylbenzene
Concen: 0.44 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.00 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:105 Resp: 7134

Ion	Ratio	Lower	Upper
105	100		
120	34.1	33.8	50.8

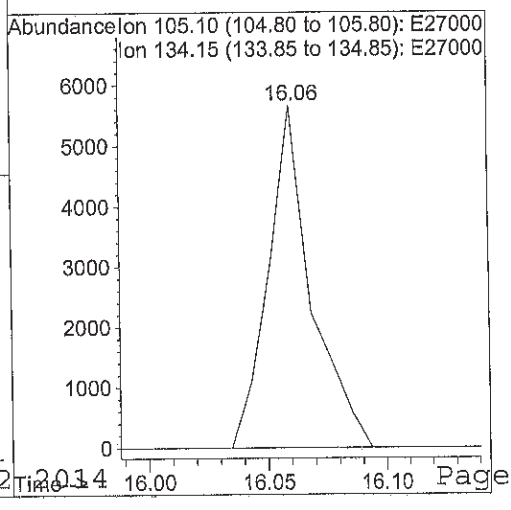


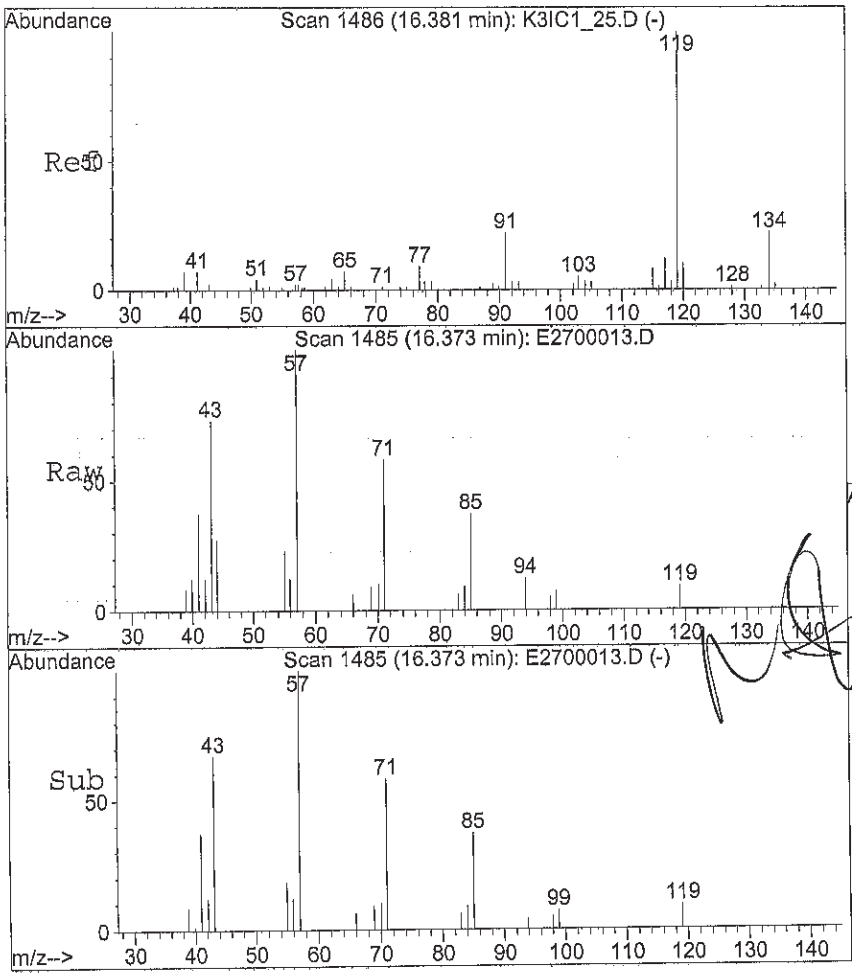


#68
sec-Butylbenzene
Concen: 0.34 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.19 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:105 Resp: 7134

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

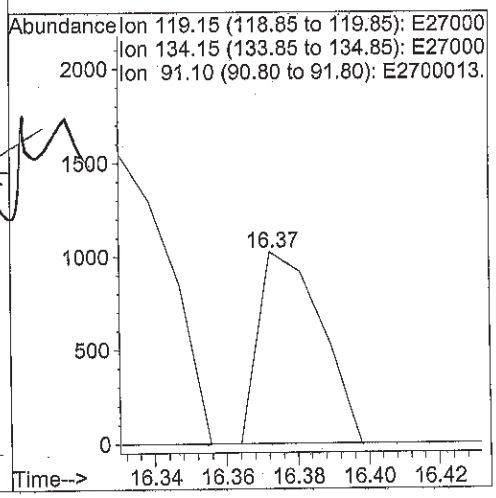


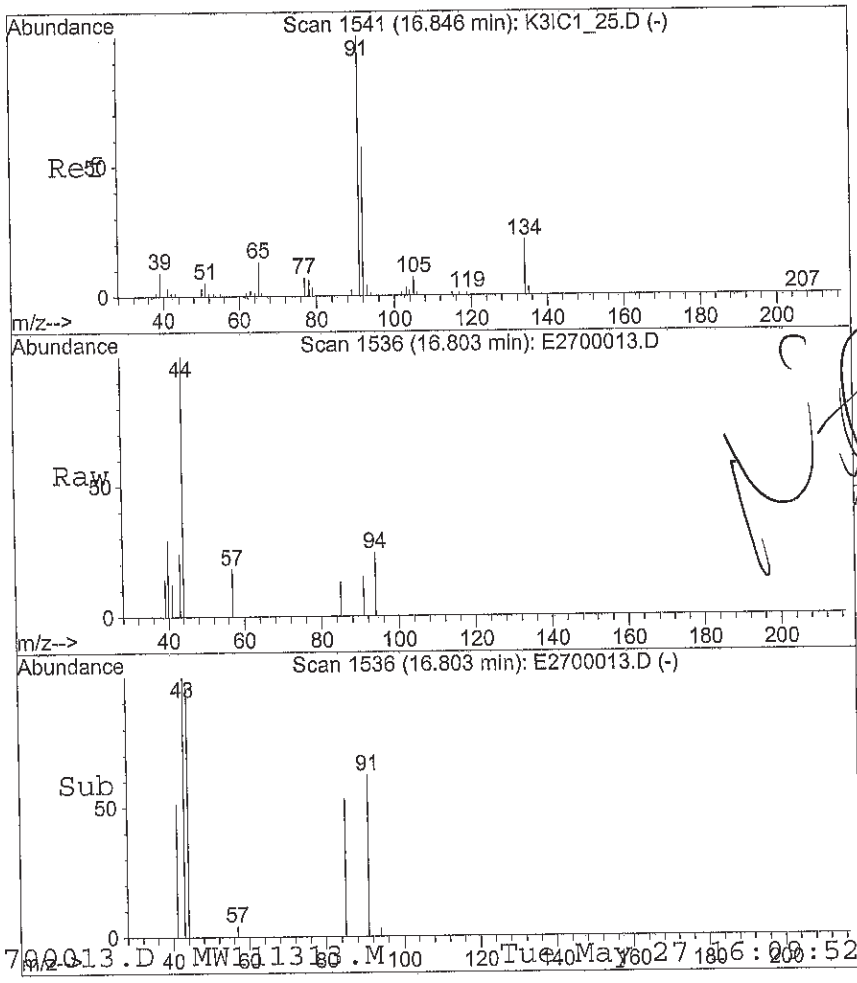


#69
p-Isopropyltoluene
Concen: 0.07 ug/L
RT: 16.37 min Scan# 1485
Delta R.T. -0.01 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:119 Resp: 1248

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#

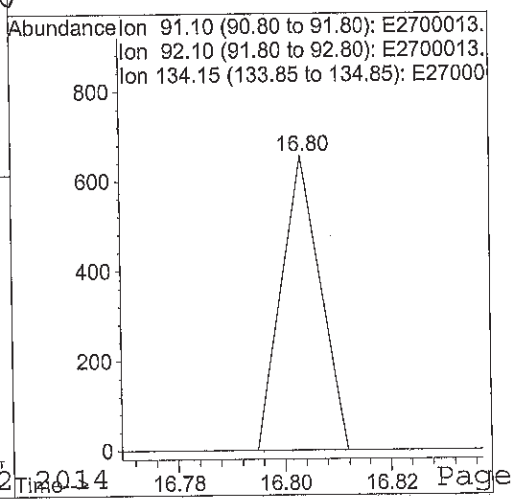


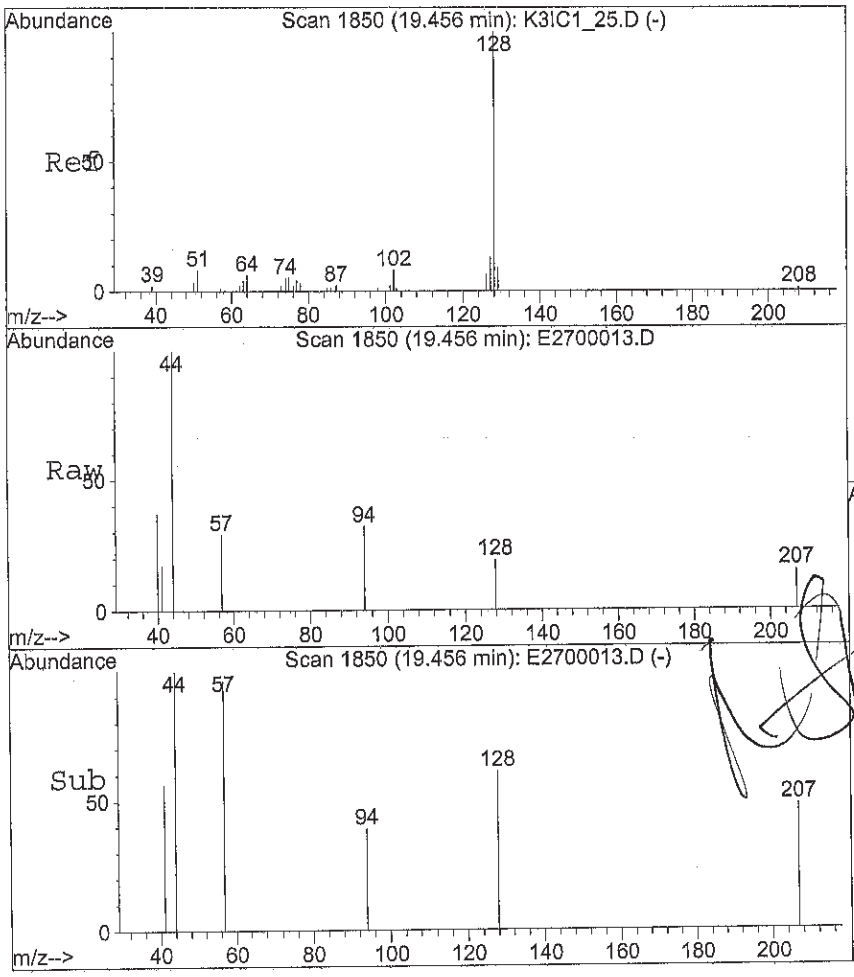


#72
n-Butylbenzene
Concen: 0.02 ug/L
RT: 16.80 min Scan# 1536
Delta R.T. -0.04 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion: 91 Resp: 332

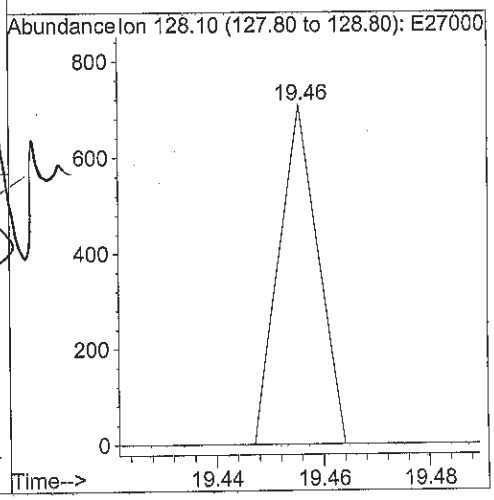
Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.0	70.4#
134	0.0	18.1	27.1#





#77
Naphthalene
Concen: 0.03 ug/L
RT: 19.46 min Scan# 1850
Delta R.T. -0.00 min
Lab File: E2700013.D
Acq: 27 May 2014 3:35 pm

Tgt Ion:128 Resp: 359



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700013.D Vial: 4
Acq On : 27 May 2014 3:35 pm Operator: DN
Sample : 3E42701-10 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-11.0-12.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 16:10 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1519594	12.50 ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.91	117	1165855	12.50 ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	627293	12.50 ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	429643	10.87 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 86.96%		
3) Chloroform-d (SU6)	9.18	84	726756	12.82 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 102.56%		
4) Methylene Chloride-d2 (SU5	7.06	86	399943	12.07 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 96.56%		
5) 1,2-Dichloroethane-d4 (SU2	9.89	65	420567	15.57 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 124.56%		
6) Benzene-d6 (SU7)	9.93	84	1383364	11.60 ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 92.80%		
8) Toluene-d8 (SU3)	12.21	98	1328718	12.01 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.08%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	632605	13.85 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 110.80%		

Target Compounds Qvalue

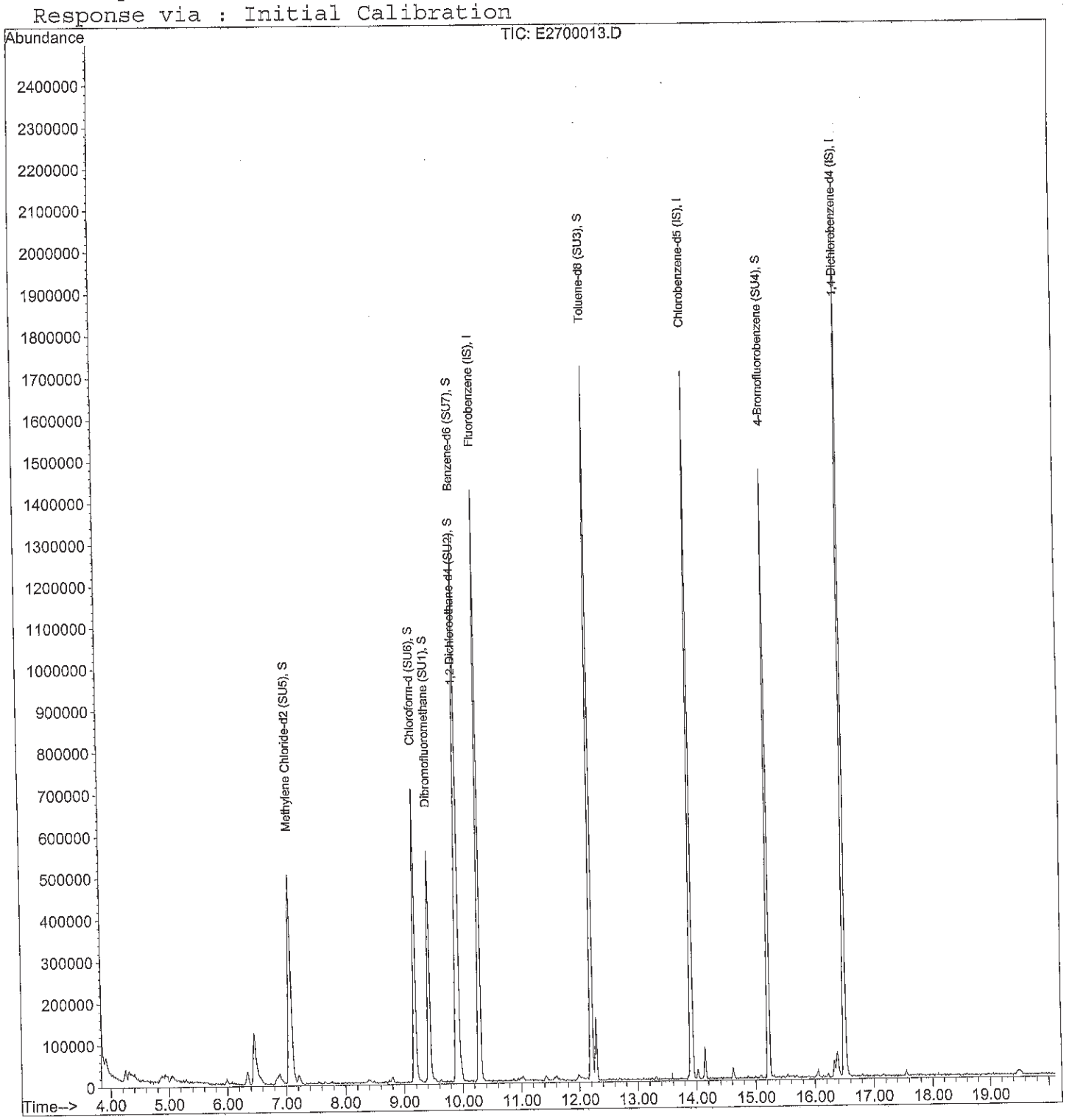
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700013.D
Acq On : 27 May 2014 3:35 pm
Sample : 3E42701-10
Misc : 100cc SVL-512-SA5D-SV-11.0-12.0
MS Integration Params: rteint.p
Quant Time: May 27 16:10 19114

Vial: 4
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700014.D
Acq On : 27 May 2014 4:04 pm
Sample : 3E42701-11
Misc : 100cc SVL-512-SA5D-SV-16.75-17.75
MS Integration Params: rteint.p
Quant Time: May 27 16:26 19114

Vial: 5
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1558226	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1225289	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	643267	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	436452	11.23 ug/L	0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 89.84%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	437553	11.85 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 94.80%		
39) Toluene-d8 (SU3)	12.21	98	1377020	12.05 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.40%		
58) 4-Bromofluorobenzene (SU4)	15.23	95	680731	13.58 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 108.64%		

Target Compounds					Qvalue
4) Chloromethane	4.40	50	6574	1.30 ~~ug/L~~ #	76
6) Bromomethane	5.13	96	1065	-1.16 ~~ug/L~~ #	1
7) Chloroethane	5.19	64	1636	1.95 ~~ug/L~~	94
9) (F113) 1,1,2-Trichloro-tri	6.35	151	3993	1.30 ug/L 0.026	86
11) Acetone	6.47	58	8998	10.48 ~~ug/L~~	96
12) (IPA) Leak Check Compound	6.47	45	285485	1524.67 ~~ug/L~~ #	85
13) Carbon disulfide	6.84	76	7222	0.56 ~~ug/L~~ #	76
14) Methylene Chloride	7.07	84	5710	1.33 ~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.90	59	4013	15.10 ~~ug/L~~ #	77
20) 2,2-Dichloropropane	8.98	77	278	0.05 ~~ug/L~~ #	36
24) Chloroform	9.21	83	1869	0.23 ~~ug/L~~ #	18
25) (ETBE) 2-ethoxy 2-methyl p	8.33	59	920	0.08 ~~ug/L~~ #	44
29) 1,1-Dichloropropene	9.93	75	399	0.07 ~~ug/L~~ #	1
31) Benzene	9.98	78	2297	0.16 ~~ug/L~~ #	69
32) 1,2-Dichloroethane	9.93	62	6260	1.21 ~~ug/L~~ #	1
40) (MIBK) 4-Methyl-2-Pentanon	12.21	43	7320	2.99 ~~ug/L~~ #	100
41) Toluene	12.30	91	12428	0.74 ug/L 0.0148	93
46) 2-Hexanone	12.93	43	656	0.24 ~~ug/L~~ #	37
51) Ethylbenzene	14.03	91	2908	0.15 ~~ug/L~~ #	45
52) m,p-Xylenes	14.15	106	1152	0.17 ug/L # 0.0034	21
53) o-Xylene	14.62	106	729	0.11 ug/L # 0.0022	1
54) Styrene	14.63	104	1947	-0.67 ~~ug/L~~ #	76

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700014.D Vial: 5
Acq On : 27 May 2014 4:04 pm Operator: DN
Sample : 3E42701-11 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-16.75-17.75 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 16:26 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

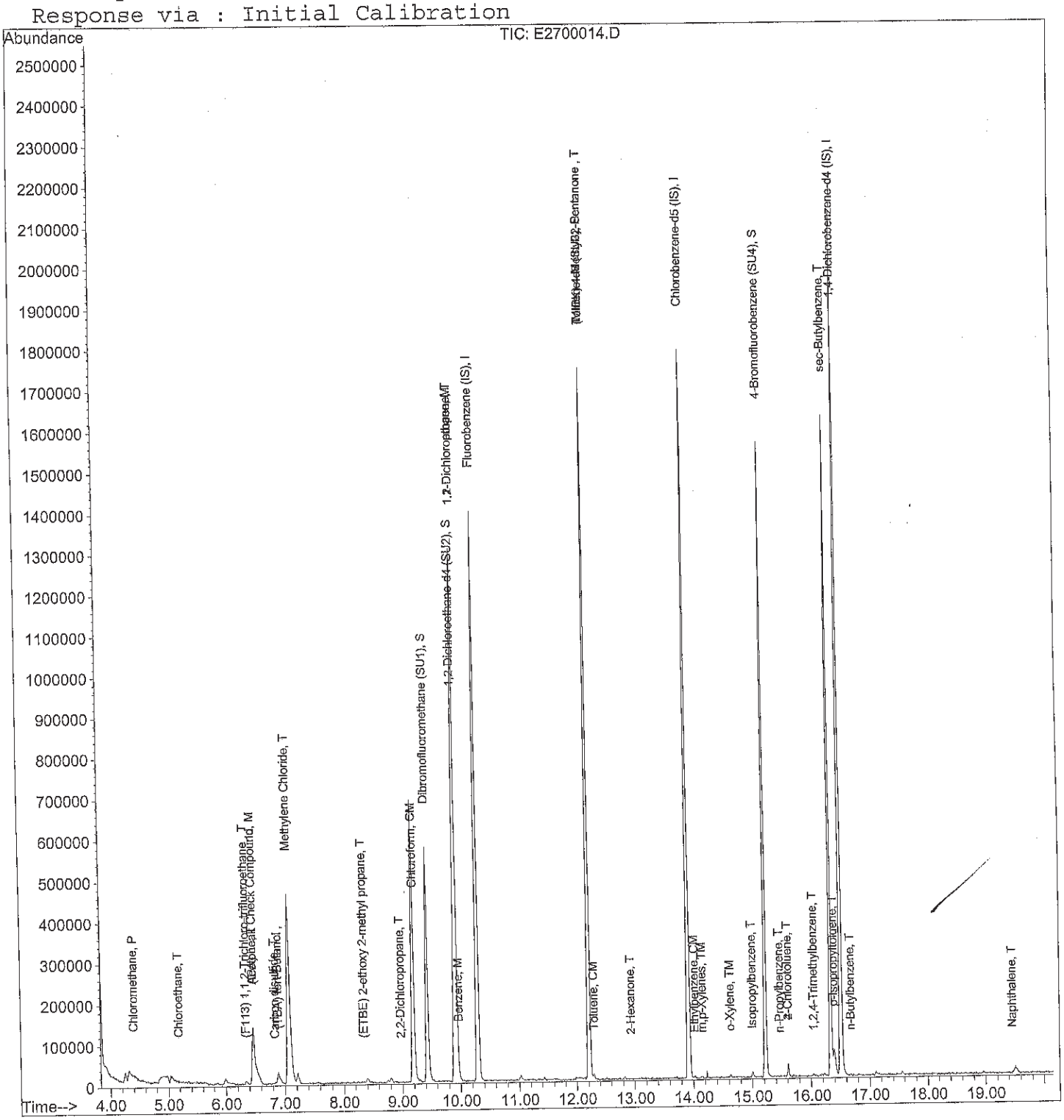
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
56) Isopropylbenzene	15.00	105	320	0.02 ~~ug/L~~ # NSM	1
62) n-Propylbenzene	15.46	91	274	0.01 ~~ug/L~~ #	56
63) 2-Chlorotoluene	15.61	91	2396	0.15 ~~ug/L~~ #	45
65) 4-Chlorotoluene	15.61	91	2396	0.16 ~~ug/L~~ #	44
67) 1,2,4-Trimethylbenzene	16.05	105	1059	0.06 ~~ug/L~~ # NSM	33
68) sec-Butylbenzene	16.33	105	24414	1.13 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	2197	0.12 ~~ug/L~~ #	52
72) n-Butylbenzene	16.68	91	316	0.02 ~~ug/L~~ #	30
77) Naphthalene	19.45	128	616	0.05 ~~ug/L~~	100

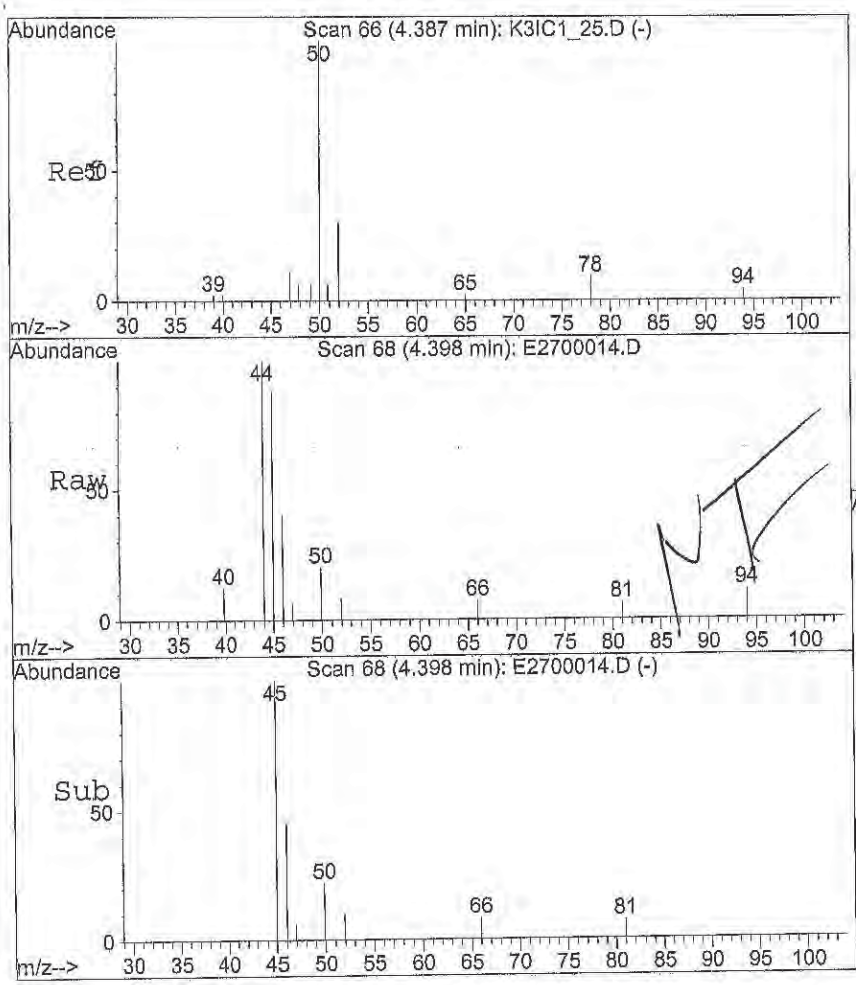
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700014.D Vial: 5
Acq On : 27 May 2014 4:04 pm Operator: DN
Sample : 3E42701-11 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-16.75-17.75 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 16:26 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

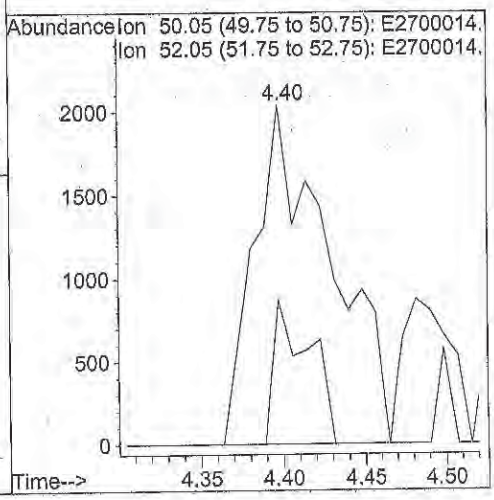


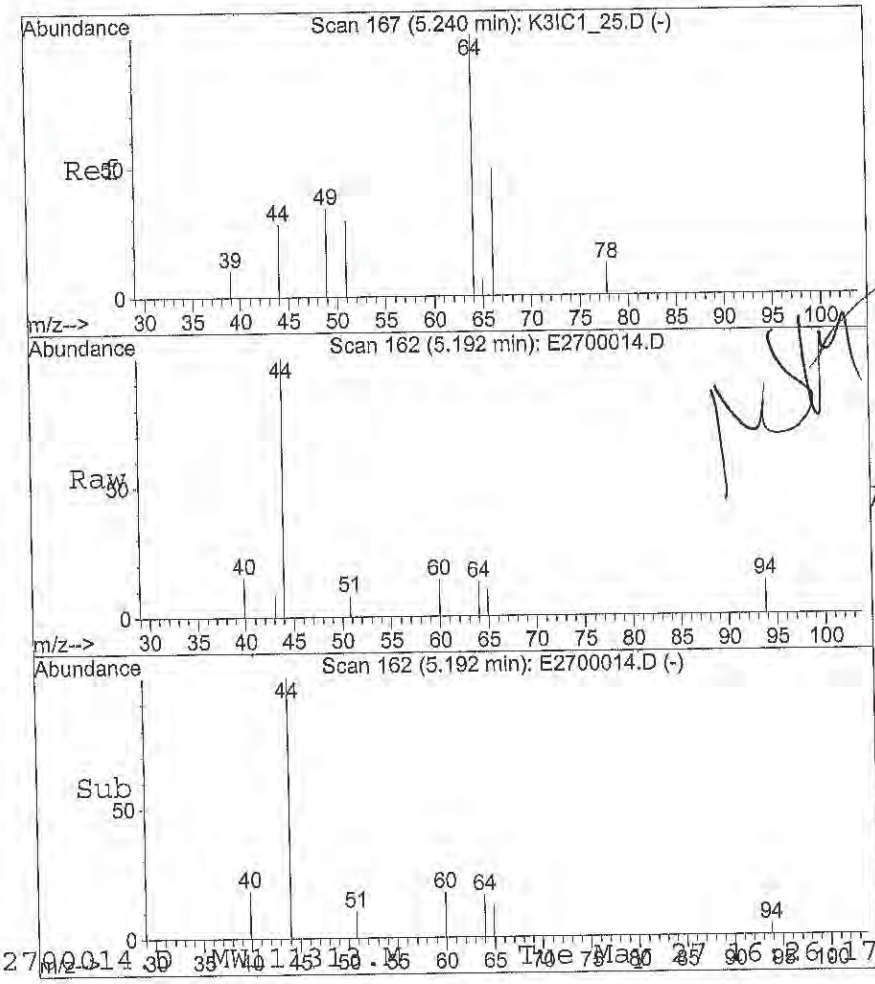


#4
Chloromethane
Concen: 1.30 ug/L
RT: 4.40 min Scan# 68
Delta R.T. 0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 50 Resp: 6574

Ion	Ratio	Lower	Upper
50	100		
52	20.0	26.9	40.3#

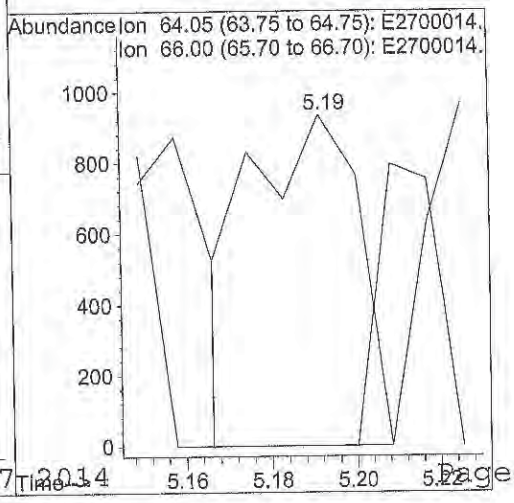


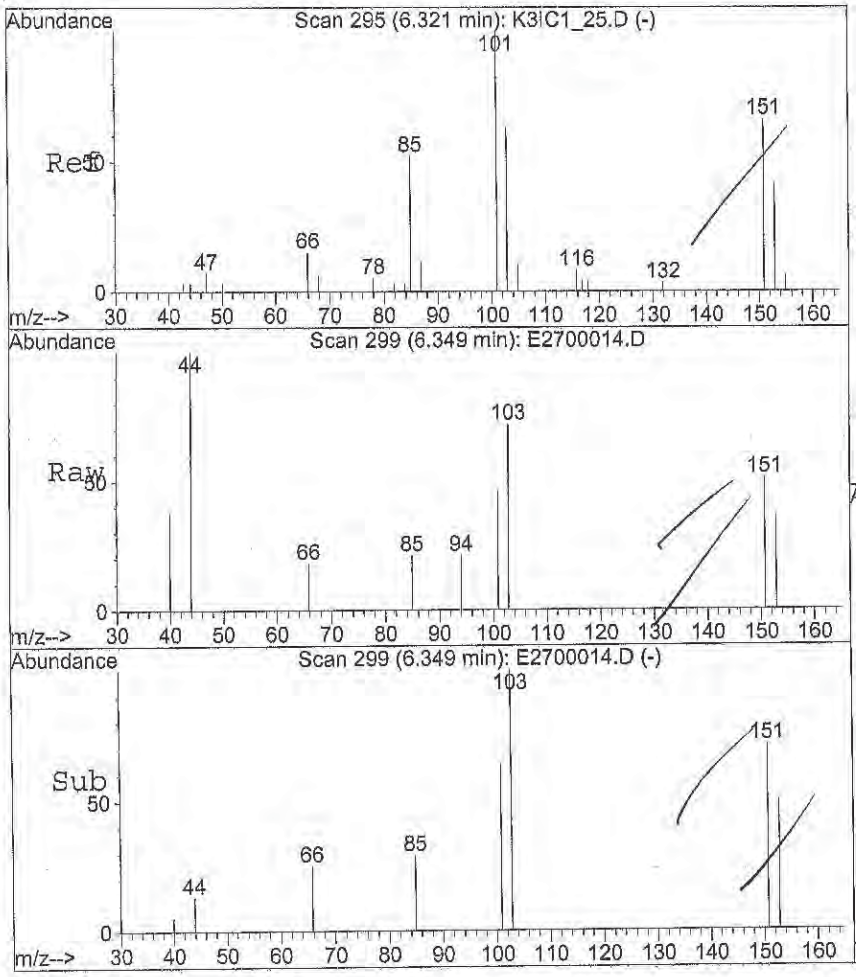


#7
Chloroethane
Concen: 1.95 ug/L
RT: 5.19 min Scan# 162
Delta R.T. -0.05 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 64 Resp: 1636

Ion	Ratio	Lower	Upper
64	100		
66	48.0	35.4	53.0

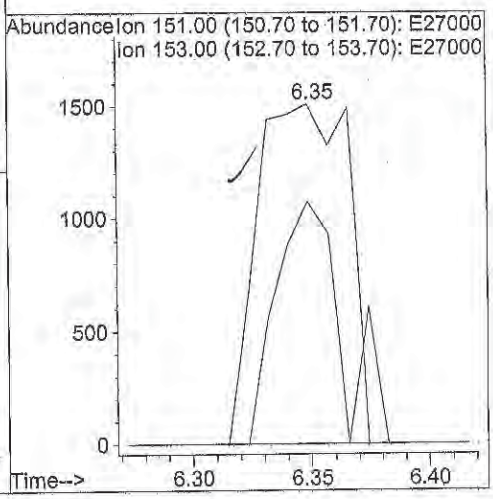


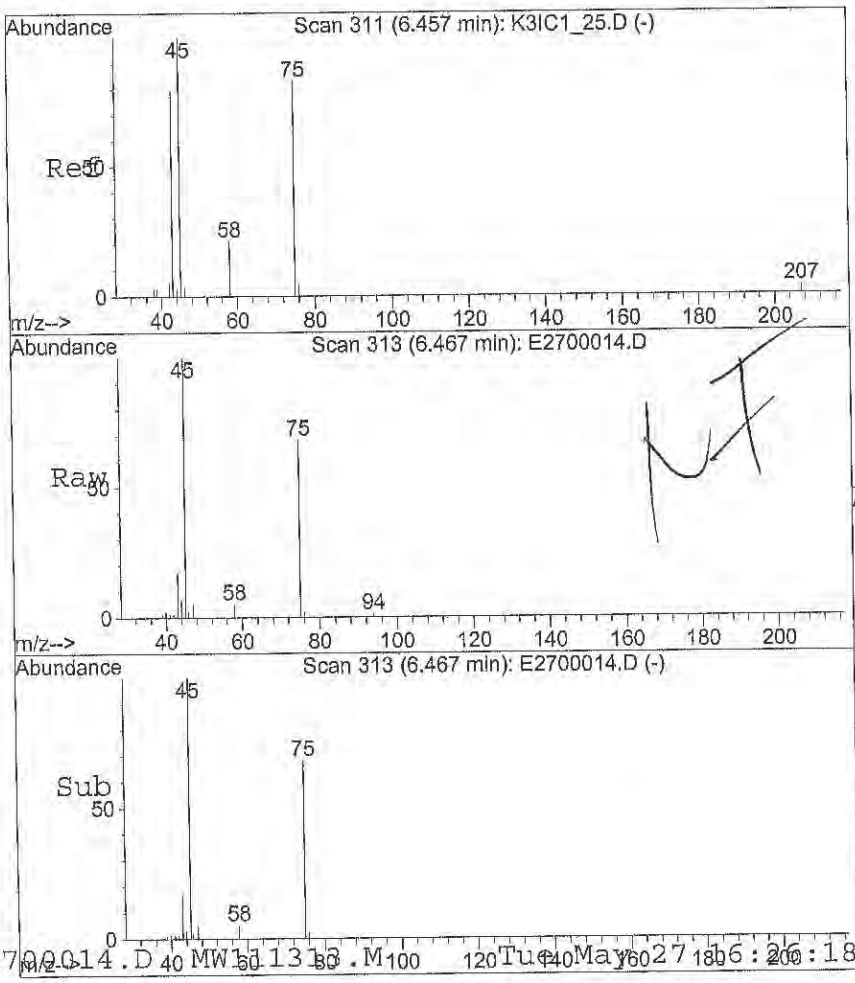


#9
(F113) 1,1,2-Trichloro-trifluor
Concen: 1.30 ug/L
RT: 6.35 min Scan# 299
Delta R.T. 0.03 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion:151 Resp: 3993

Ion	Ratio	Lower	Upper
151	100		
153	51.5	49.6	74.4

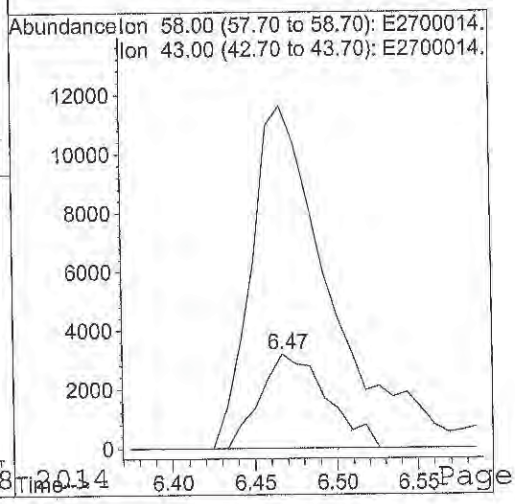


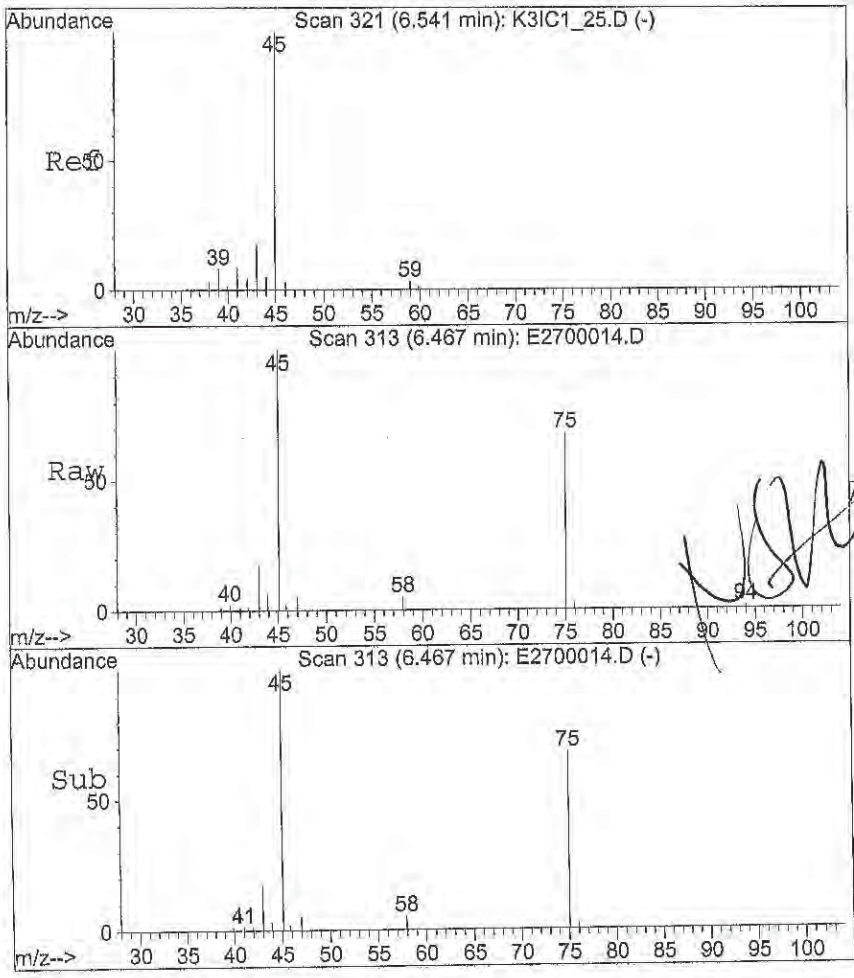


#11
Acetone
Concen: 10.48 ug/L
RT: 6.47 min Scan# 313
Delta R.T. 0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 58 Resp: 8998

Ion	Ratio	Lower	Upper
58	100		
43	440.5	360.9	541.3

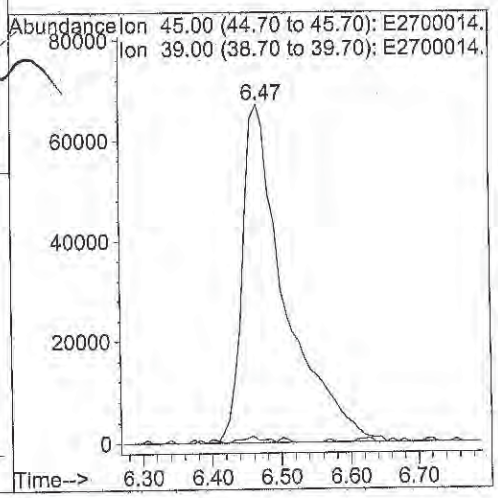


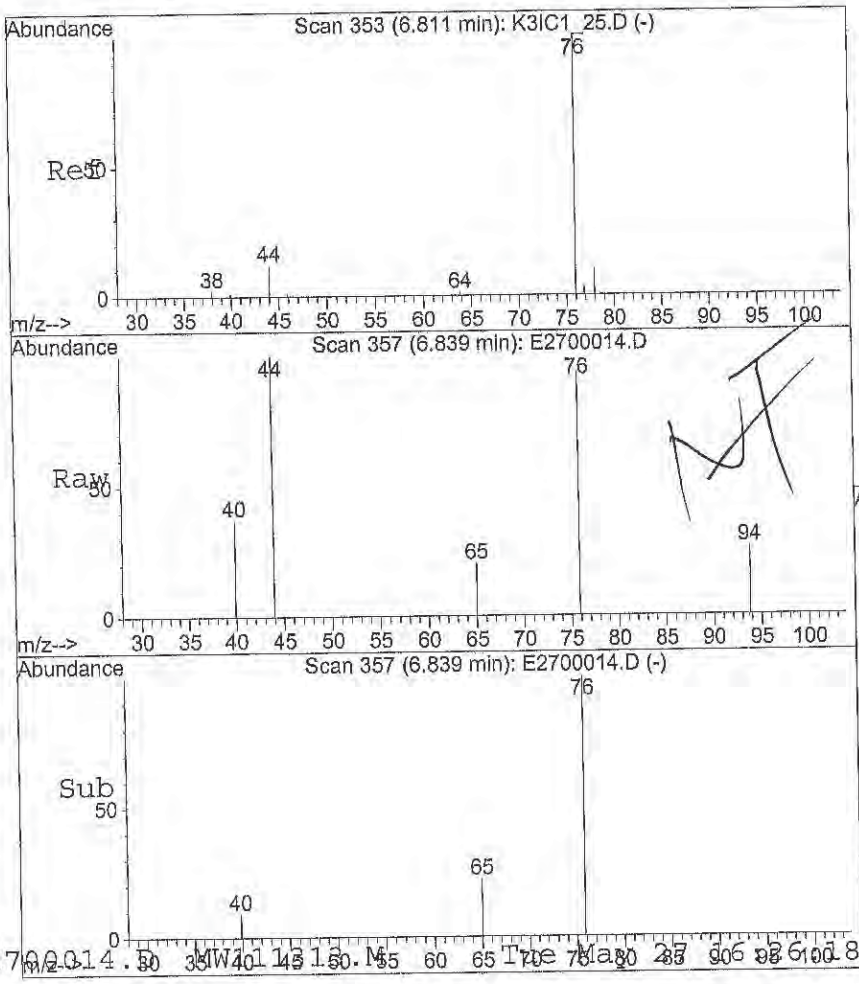


#12
(IPA) Leak Check Compound
Concen: 1524.67 ug/L
RT: 6.47 min Scan# 313
Delta R.T. -0.07 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 45 Resp: 285485

Ion	Ratio	Lower	Upper
45	100		
39	0.9	4.9	7.3#

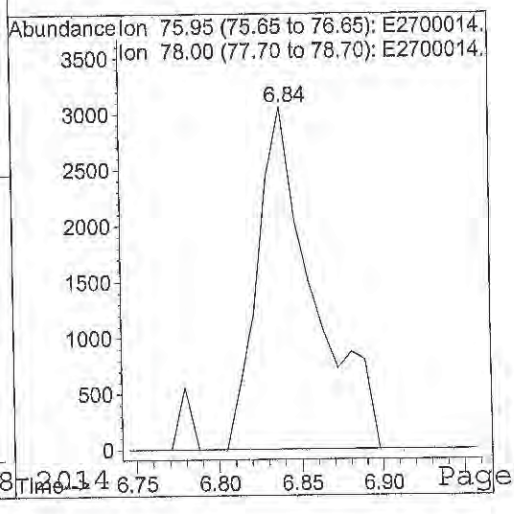


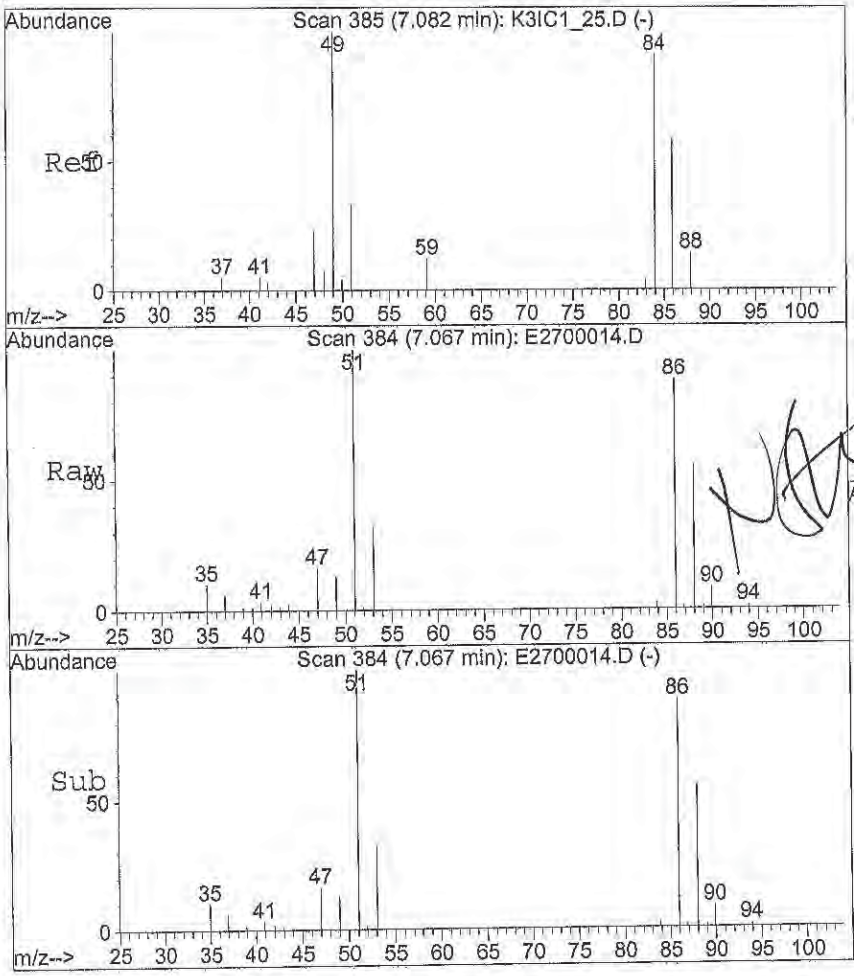


#13
Carbon disulfide
Concen: 0.56 ug/L
RT: 6.84 min Scan# 357
Delta R.T. 0.03 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 76 Resp: 7222

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

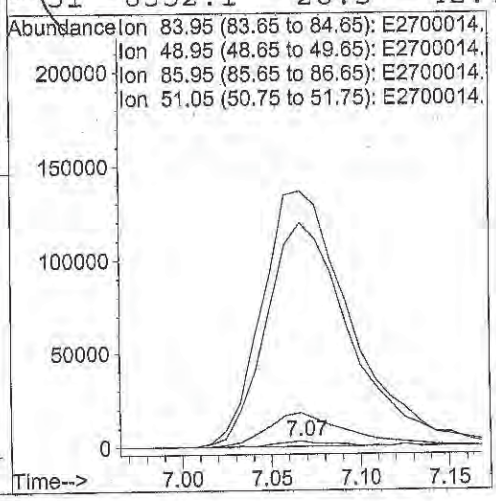


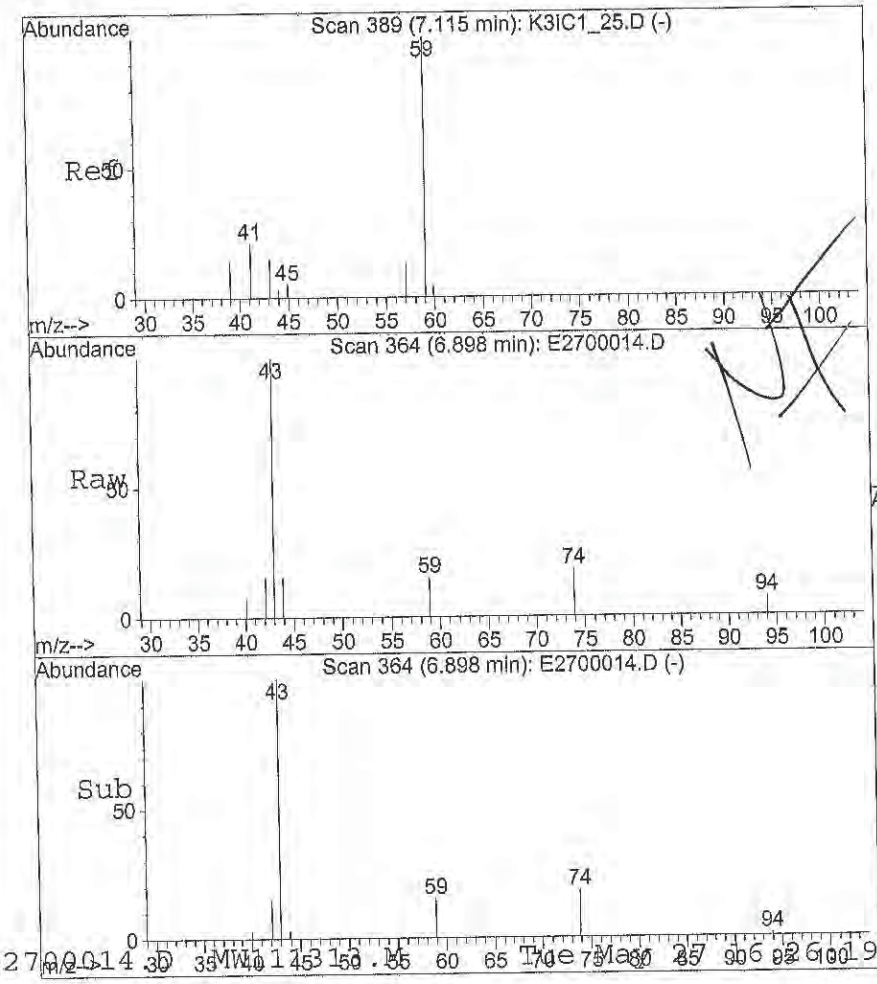


#14
Methylene Chloride
Concen: 1.33 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 84 Resp: 5710

Ion	Ratio	Lower	Upper
84	100		
49	959.1	89.8	134.6#
86	6992.2	51.1	76.7#
51	8352.1	28.5	42.7#

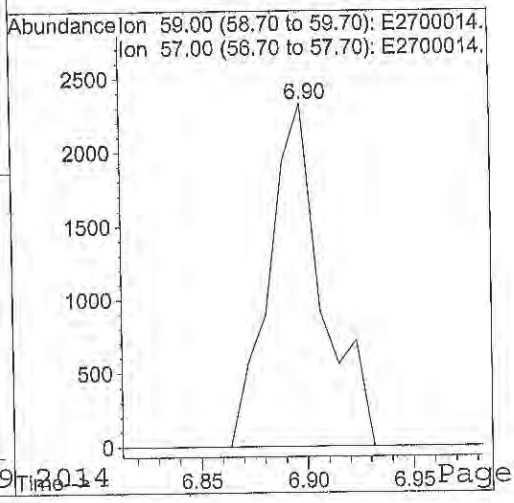


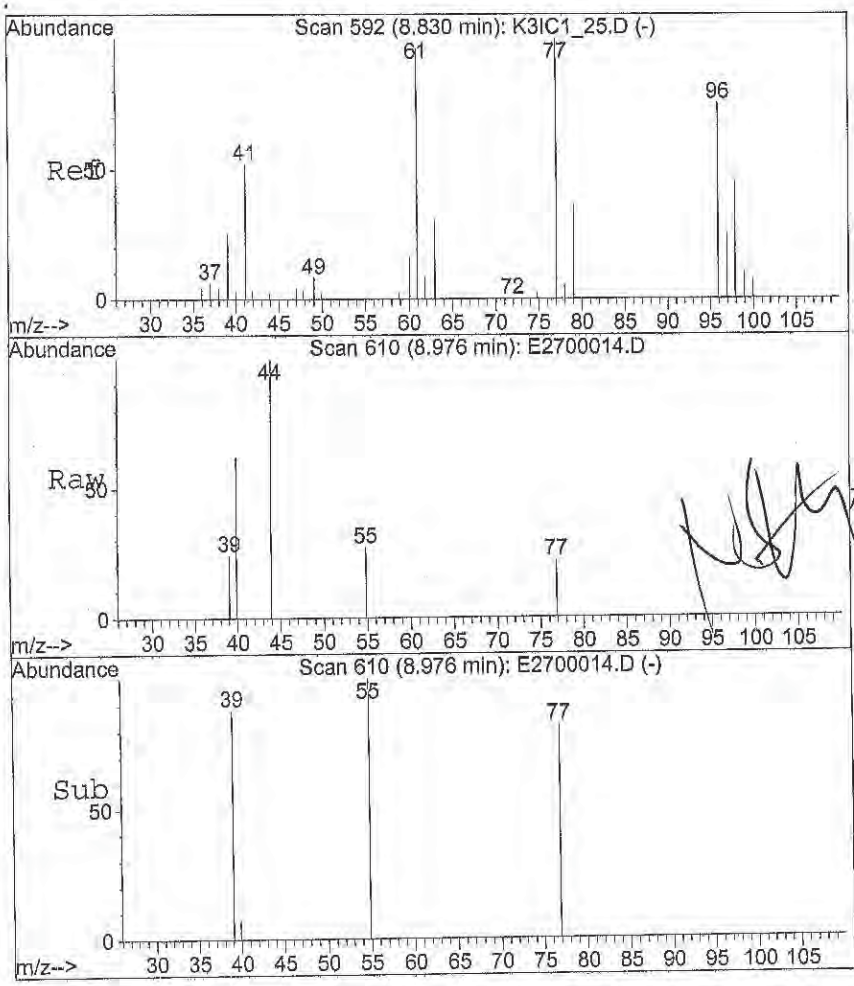


#15
(TBA) tert-Butanol
Concen: 15.10 ug/L
RT: 6.90 min Scan# 364
Delta R.T. -0.22 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 59 Resp: 4013

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

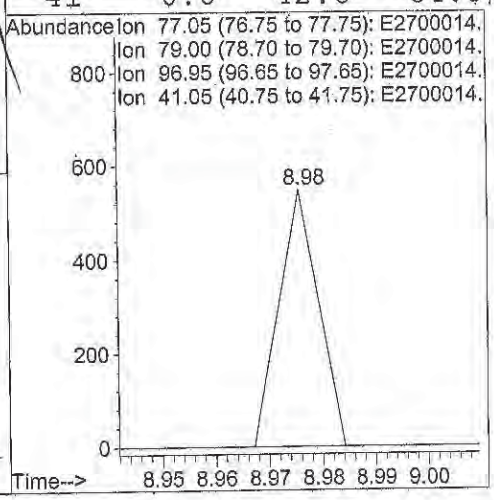


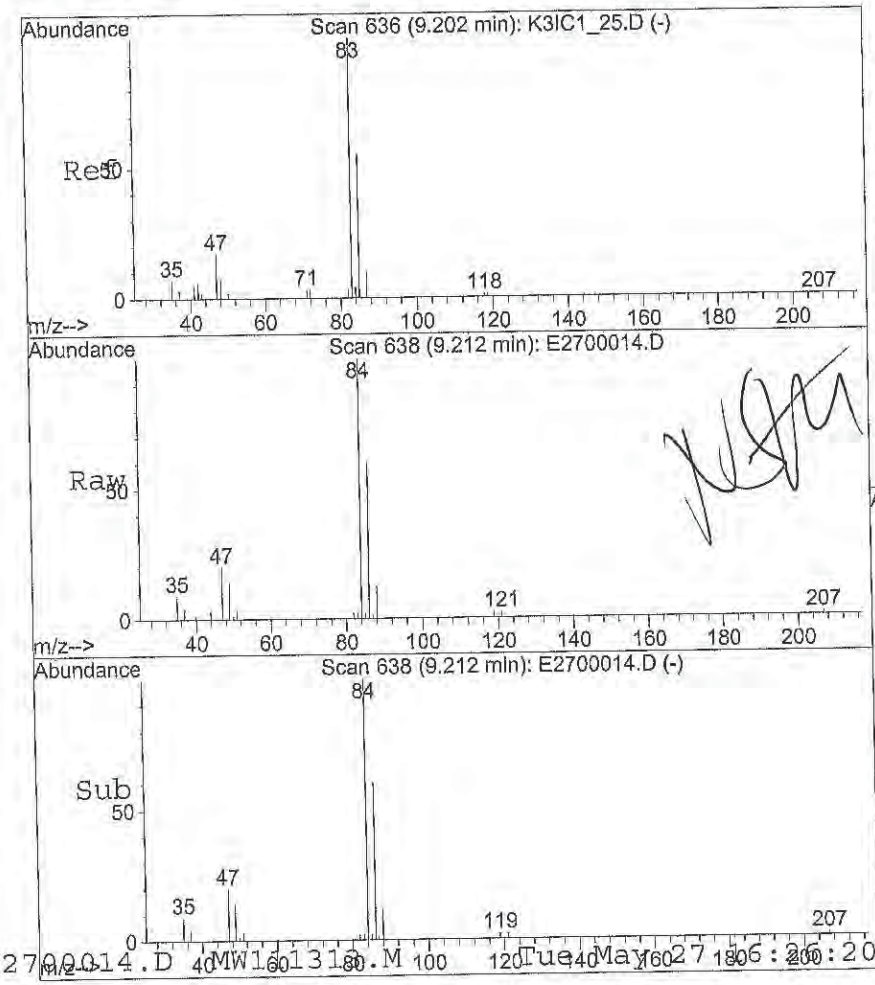


#20
2,2-Dichloropropane
Concen: 0.05 ug/L
RT: 8.98 min Scan# 610
Delta R.T. 0.15 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 77 Resp: 278

Ion	Ratio	Lower	Upper
77	100		
79	0.0	26.6	40.0#
97	0.0	18.9	28.3#
41	0.0	42.6	64.0#

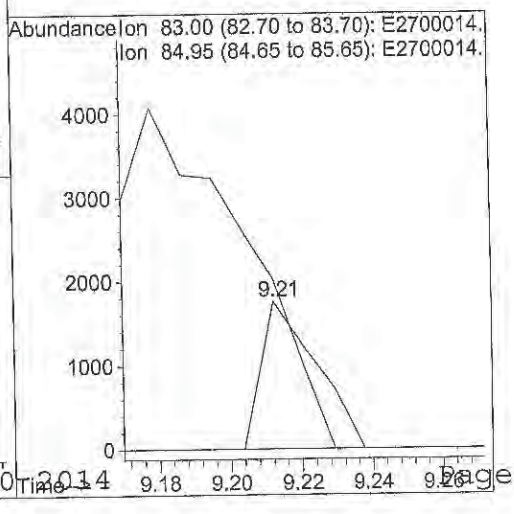


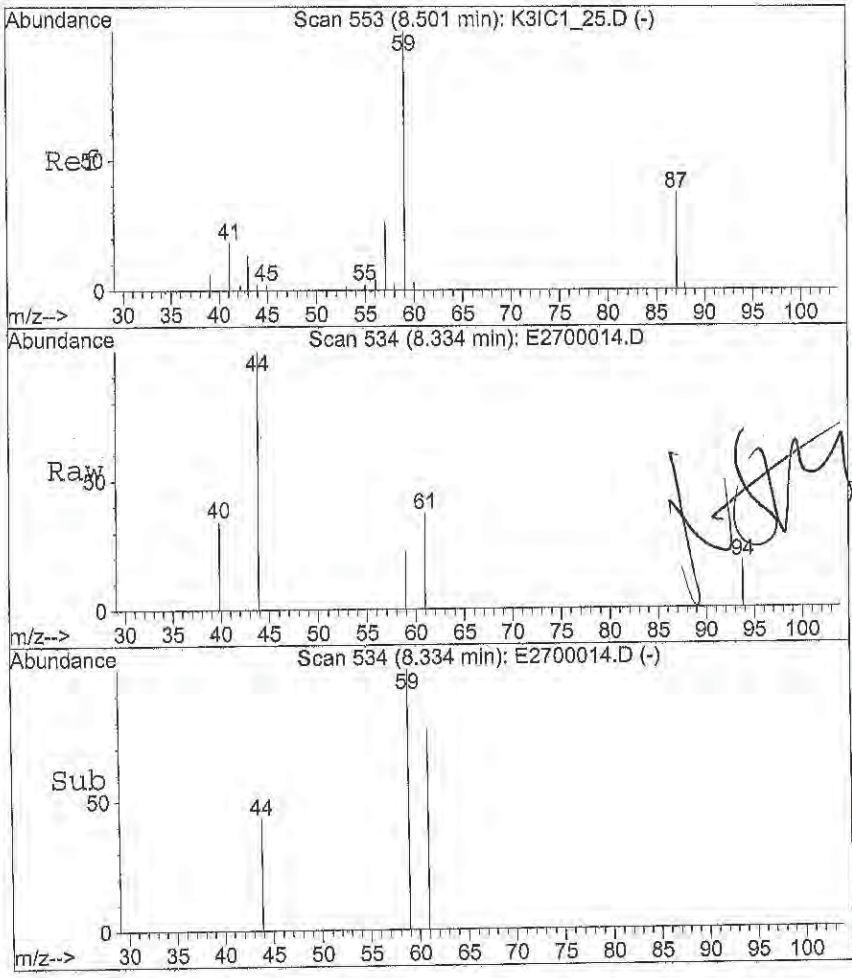


#24
Chloroform
Concen: 0.23 ug/L
RT: 9.21 min Scan# 638
Delta R.T. 0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 83 Resp: 1869

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

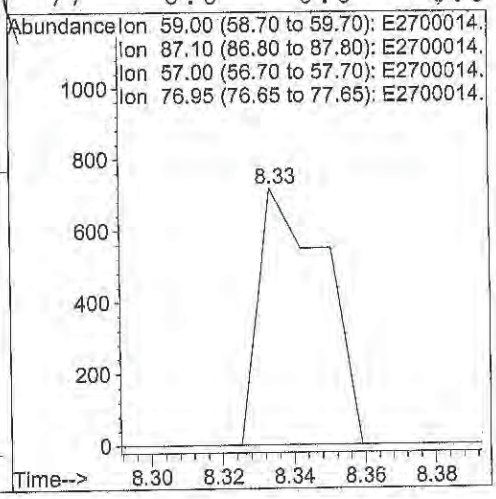


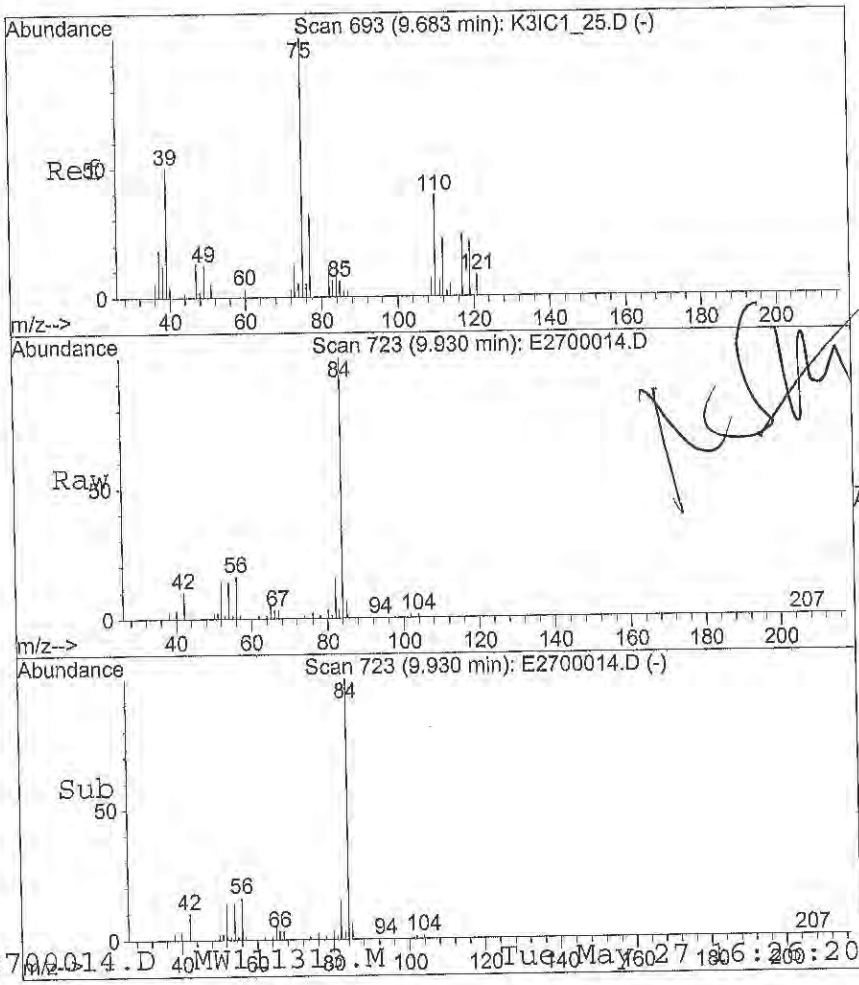


#25
(ETBE) 2-ethoxy 2-methyl propar
Concen: 0.08 ug/L
RT: 8.33 min Scan# 534
Delta R.T. -0.17 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 59 Resp: 920

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

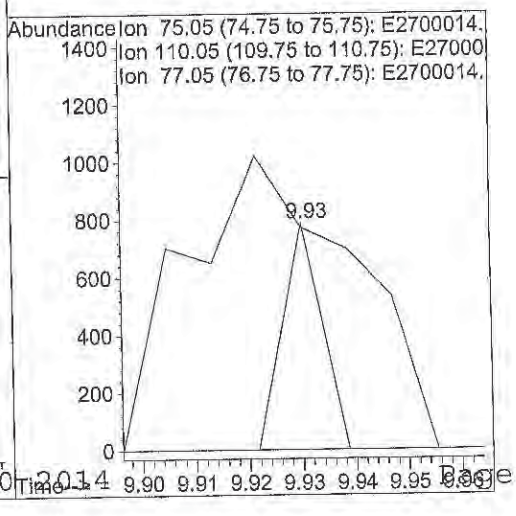


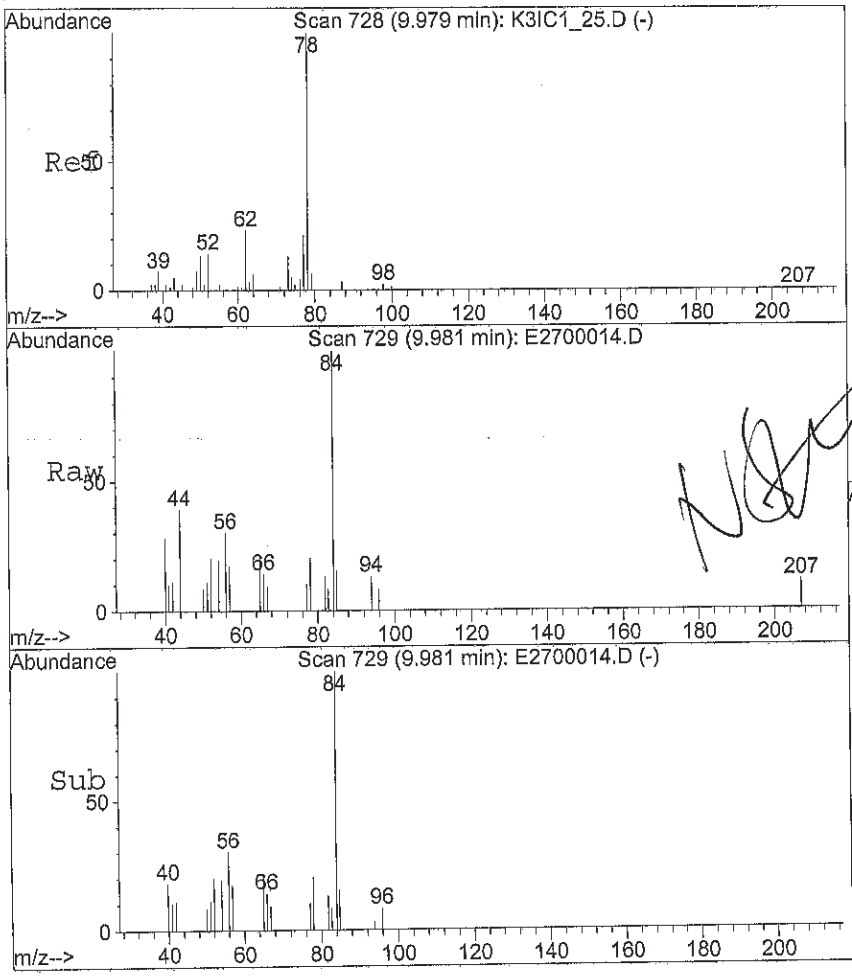


#29
1,1-Dichloropropene
Concen: 0.07 ug/L
RT: 9.93 min Scan# 723
Delta R.T. 0.25 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 75 Resp: 399

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	556.1	25.0	37.4#

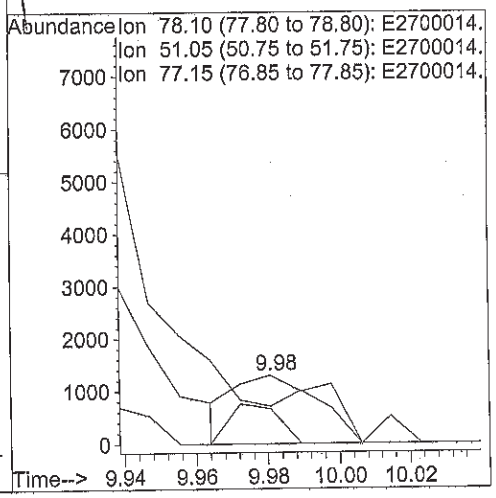


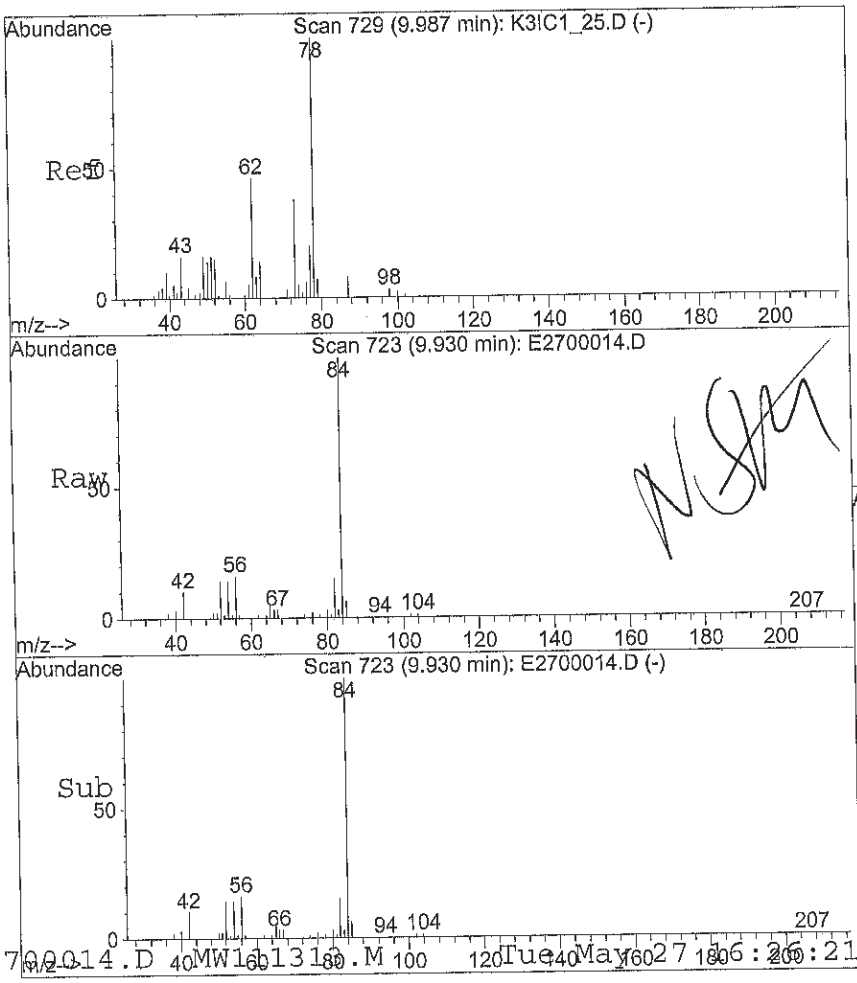


#31
Benzene
Concen: 0.16 ug/L
RT: 9.98 min Scan# 729
Delta R.T. 0.00 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 78 Resp: 2297

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	31.0	16.6	24.8#

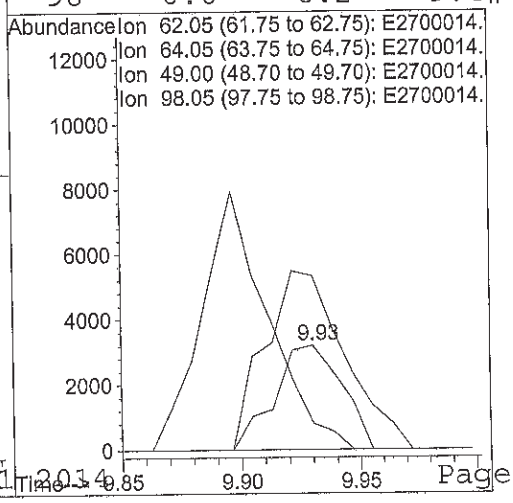


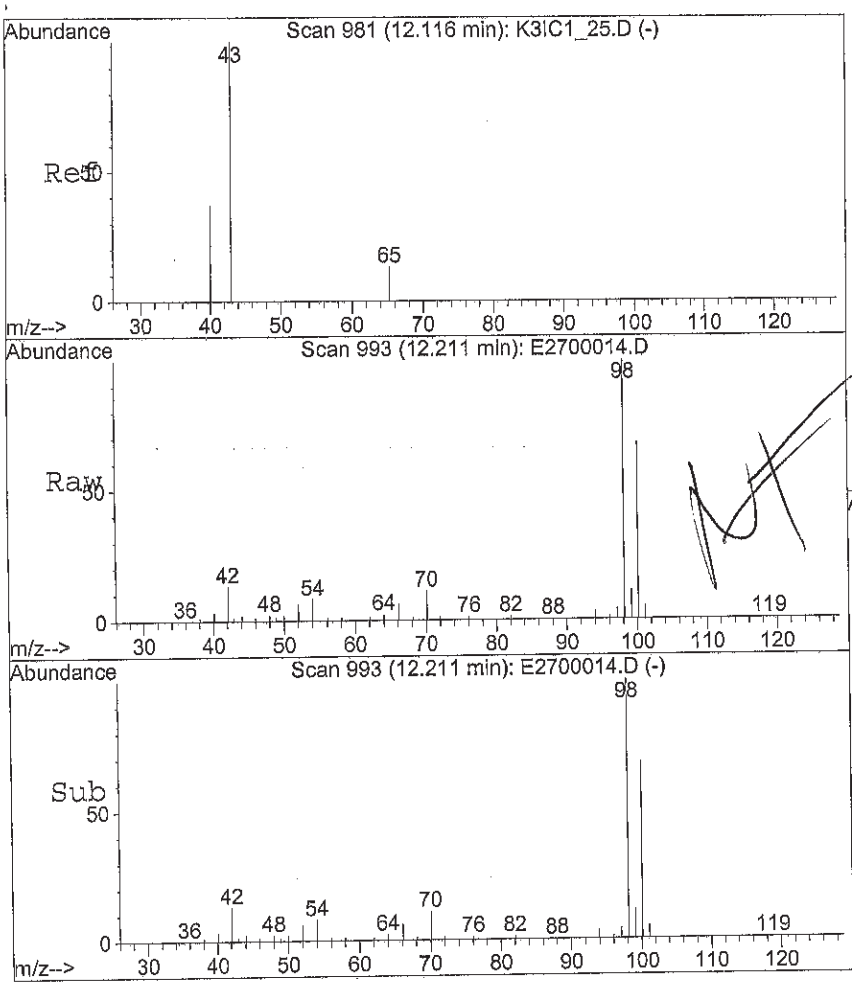


#32
1,2-Dichloroethane
Concen: 1.21 ug/L
RT: 9.93 min Scan# 723
Delta R.T. -0.06 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 62 Resp: 6260

Ion	Ratio	Lower	Upper
62	100		
64	203.2	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

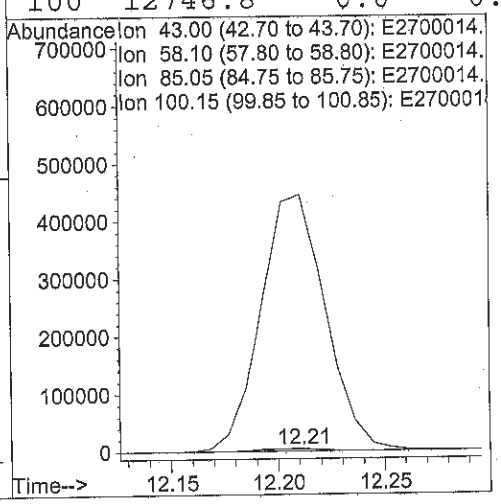


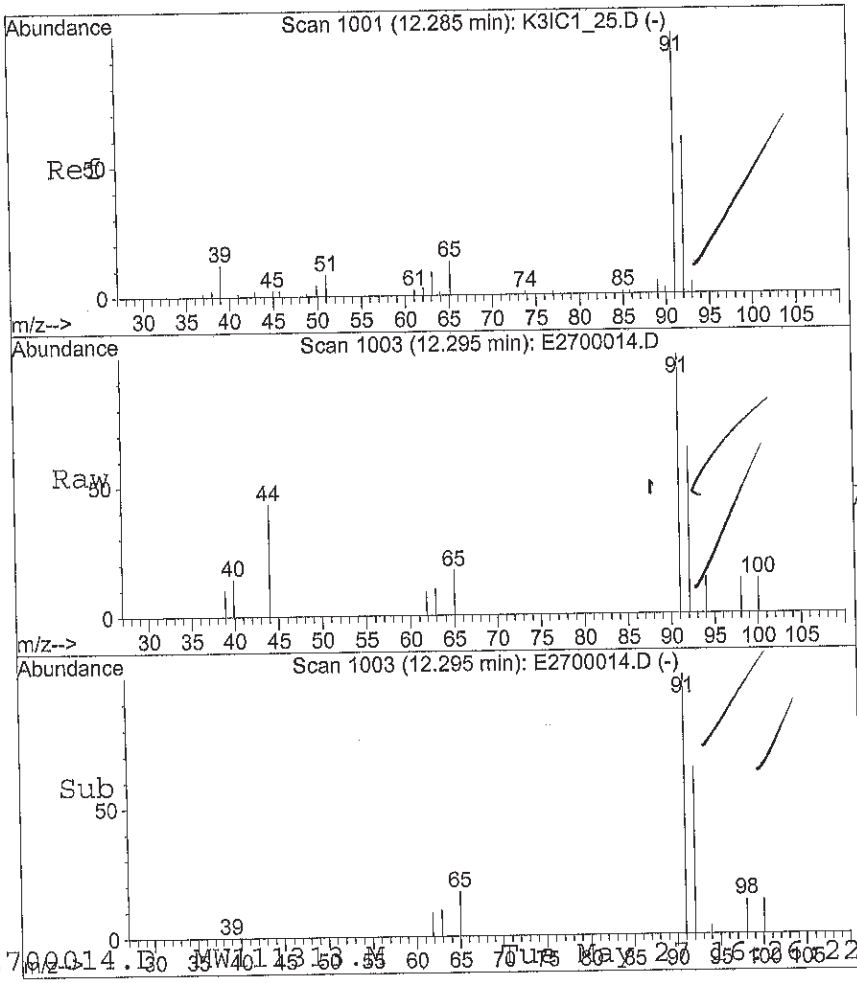


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.99 ug/L
RT: 12.21 min Scan# 993
Delta R.T. 0.09 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 43 Resp: 7320

Ion	Ratio	Lower	Upper
43	100		
58	122.9	0.0	0.0#
85	0.0	0.0	0.0
100	12746.8	0.0	0.0#

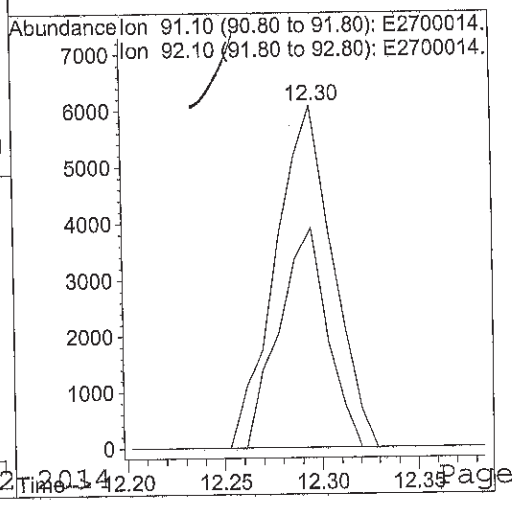


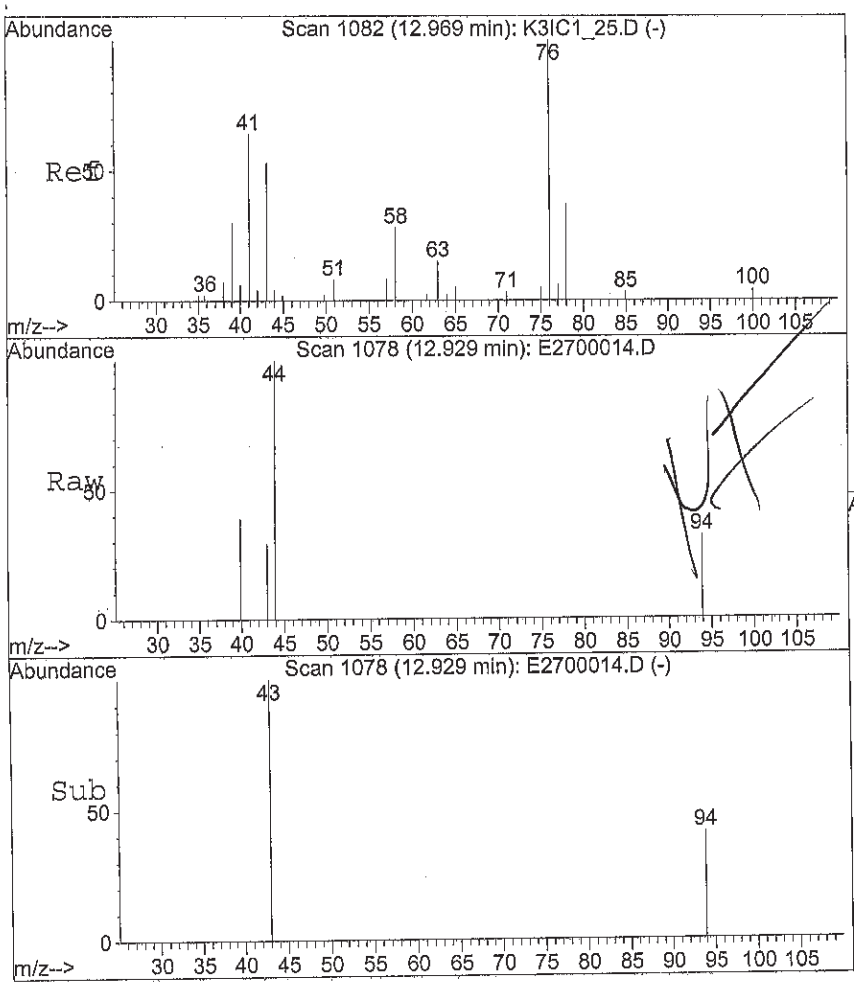


#41
Toluene
Concen: 0.74 ug/L
RT: 12.30 min Scan# 1003
Delta R.T. 0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 91 Resp: 12428

Ion	Ratio	Lower	Upper
91	100		
92	54.3	47.4	71.0

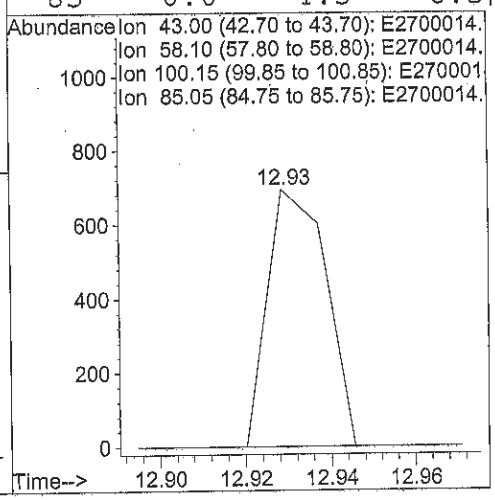


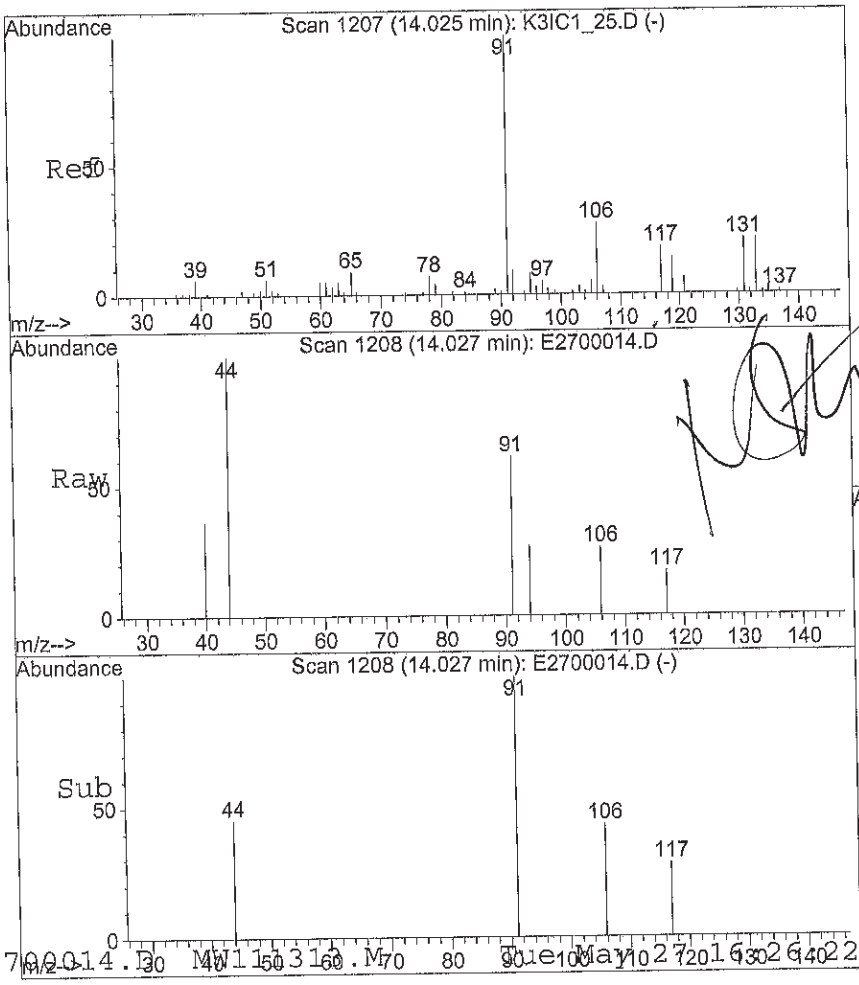


#46
2-Hexanone
Concen: 0.24 ug/L
RT: 12.93 min Scan# 1078
Delta R.T. -0.04 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 43 Resp: 656

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

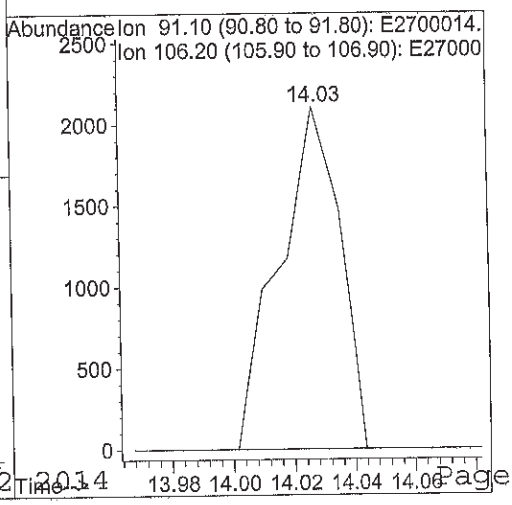


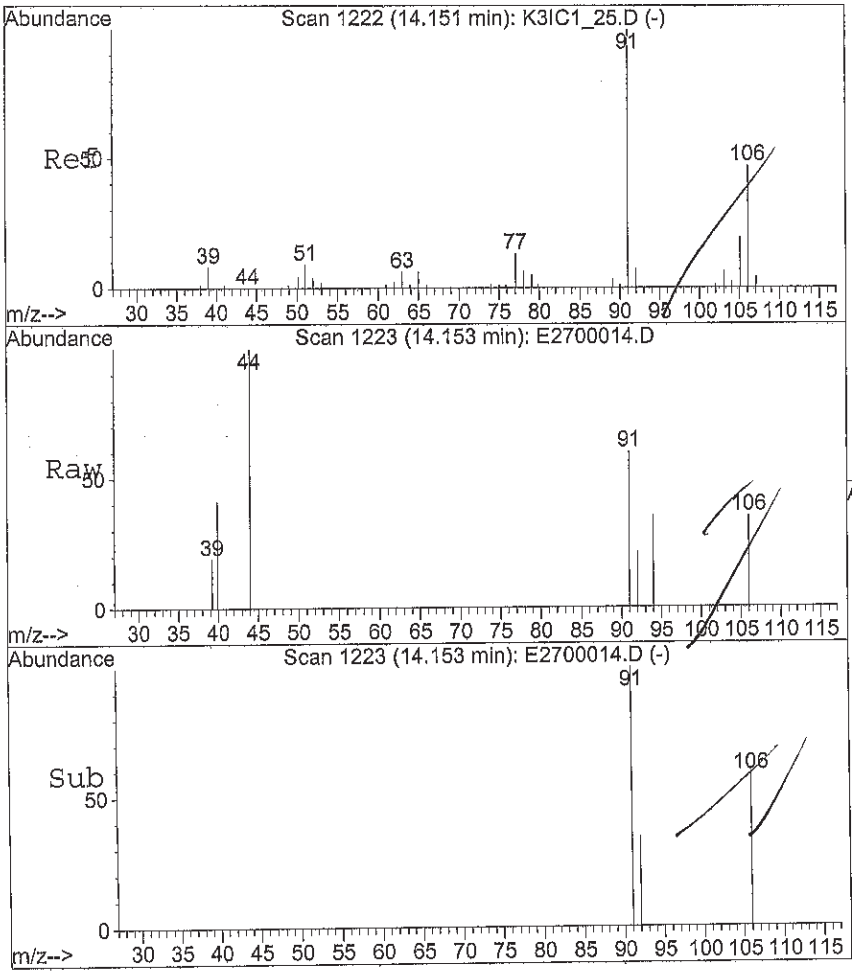


#51
Ethylbenzene
Concen: 0.15 ug/L
RT: 14.03 min Scan# 1208
Delta R.T. 0.00 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 91 Resp: 2908

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

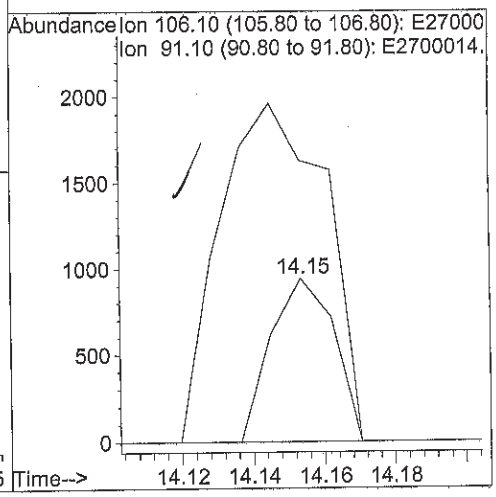


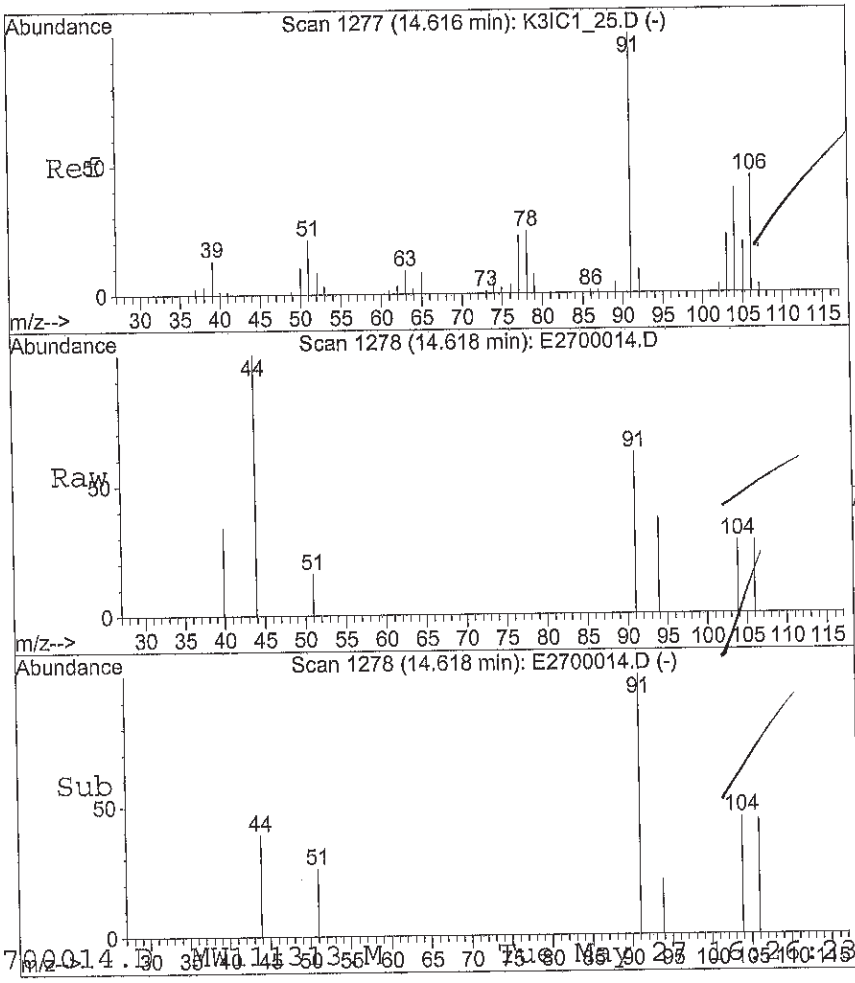


#52
m,p-Xylenes
Concen: 0.17 ug/L
RT: 14.15 min Scan# 1223
Delta R.T. 0.00 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion:106 Resp: 1152

Ion	Ratio	Lower	Upper
106	100		
91	348.6	177.1	265.7#

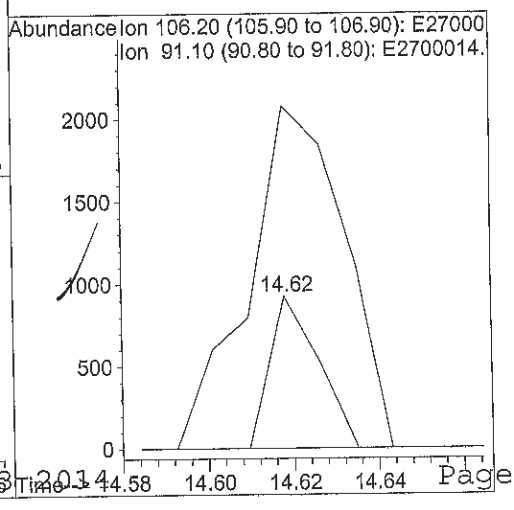


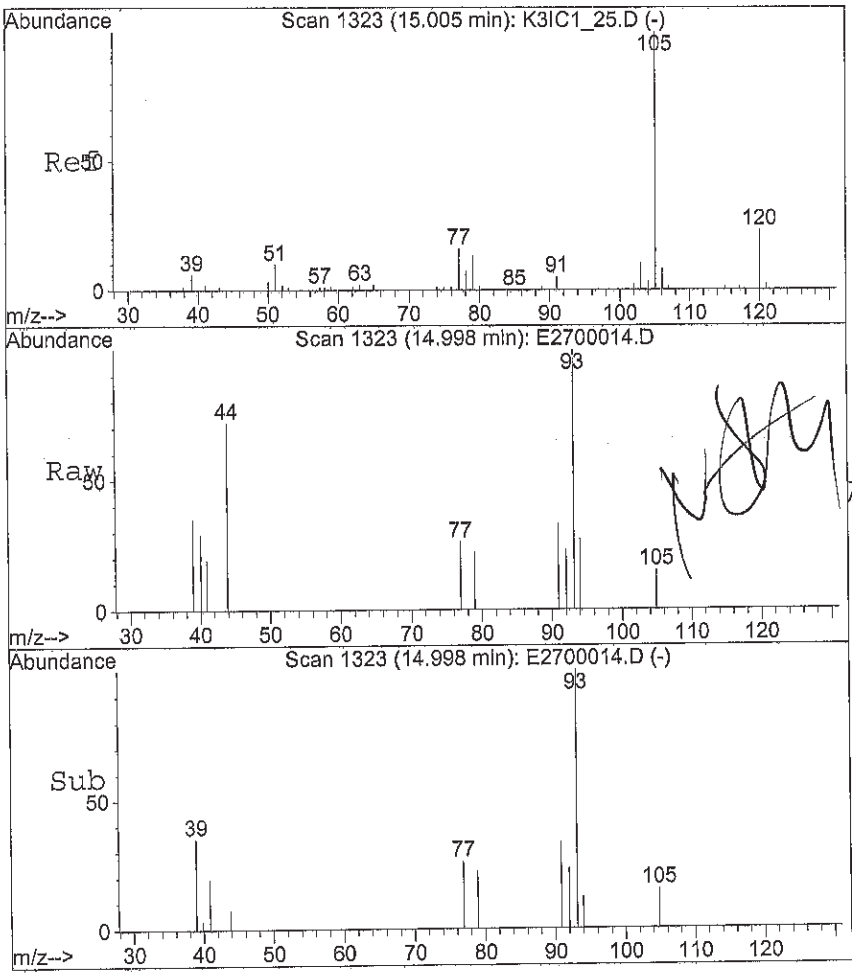


#53
o-Xylene
Concen: 0.11 ug/L
RT: 14.62 min Scan# 1278
Delta R.T. 0.00 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion:106 Resp: 729

Ion	Ratio	Lower	Upper
106	100		
91	446.8	179.0	268.6#

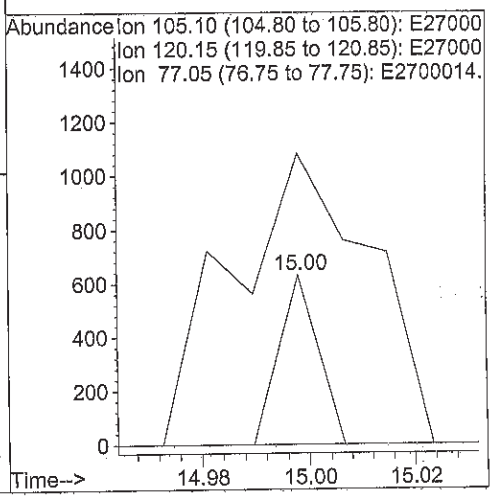


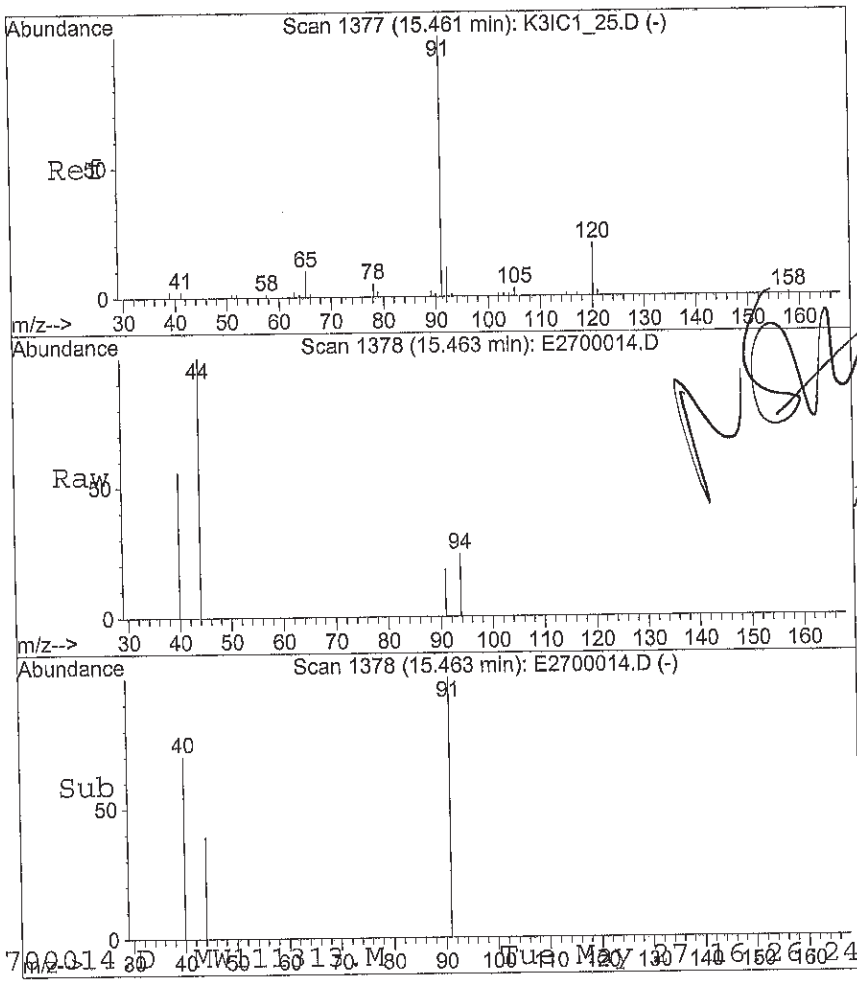


#56
Isopropylbenzene
Concen: 0.02 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion:105 Resp: 320

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	607.8	13.1	19.7#

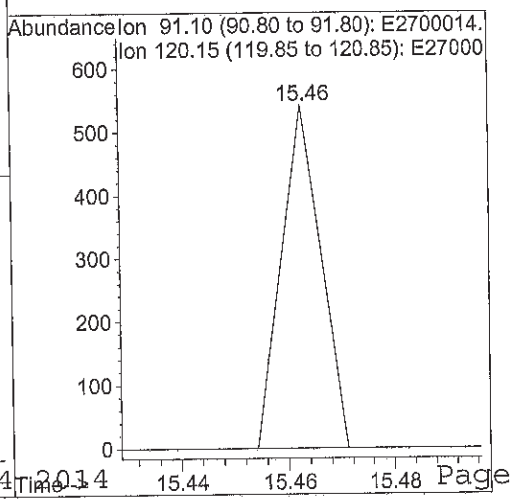


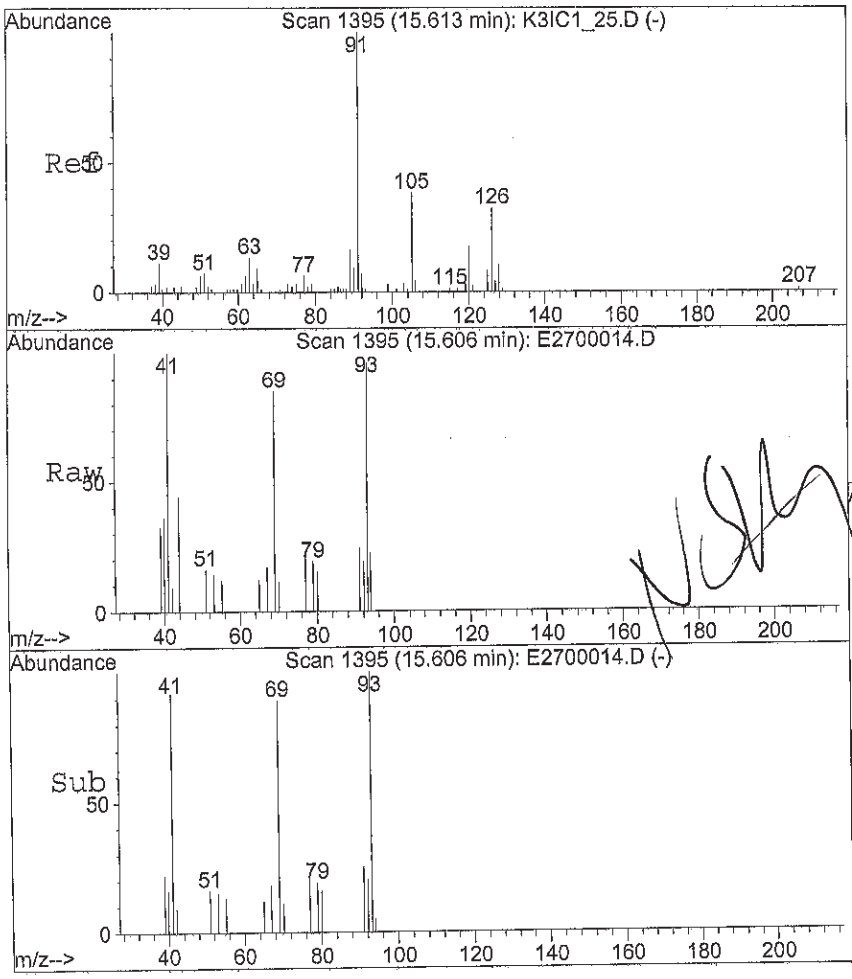


#62
n-Propylbenzene
Concen: 0.01 ug/L
RT: 15.46 min Scan# 1378
Delta R.T. 0.00 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 91 Resp: 274

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

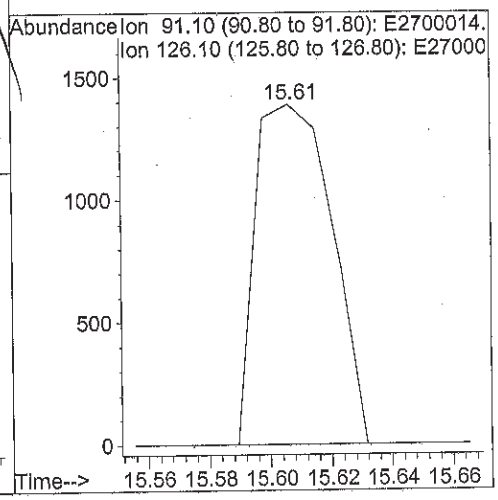


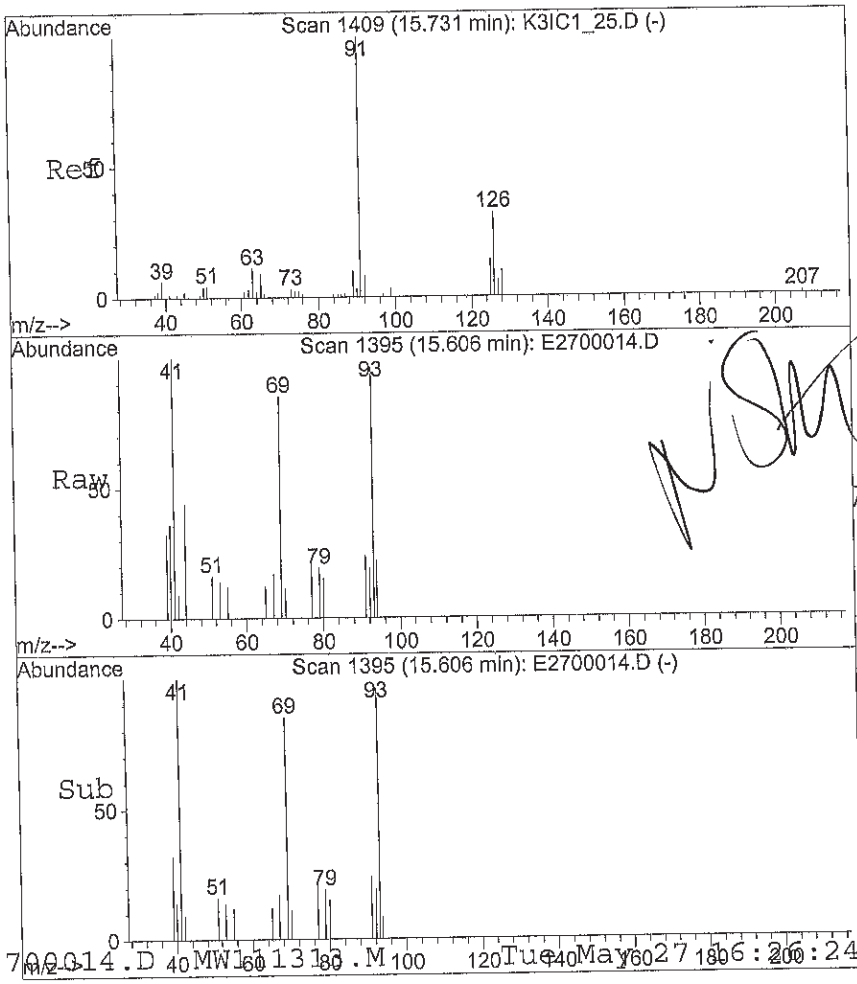


#63
2-Chlorotoluene
Concen: 0.15 ug/L
RT: 15.61 min Scan# 1395
Delta R.T. -0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 91 Resp: 2396

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

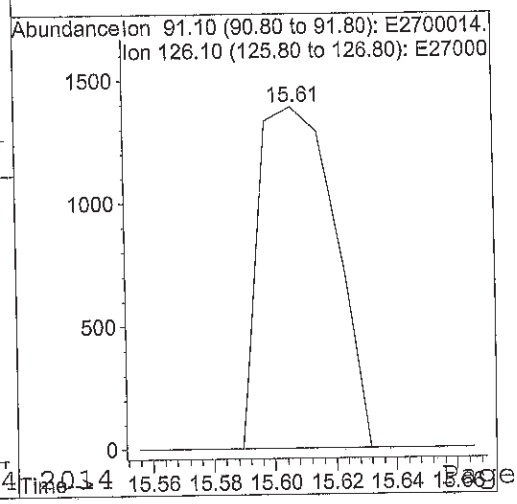


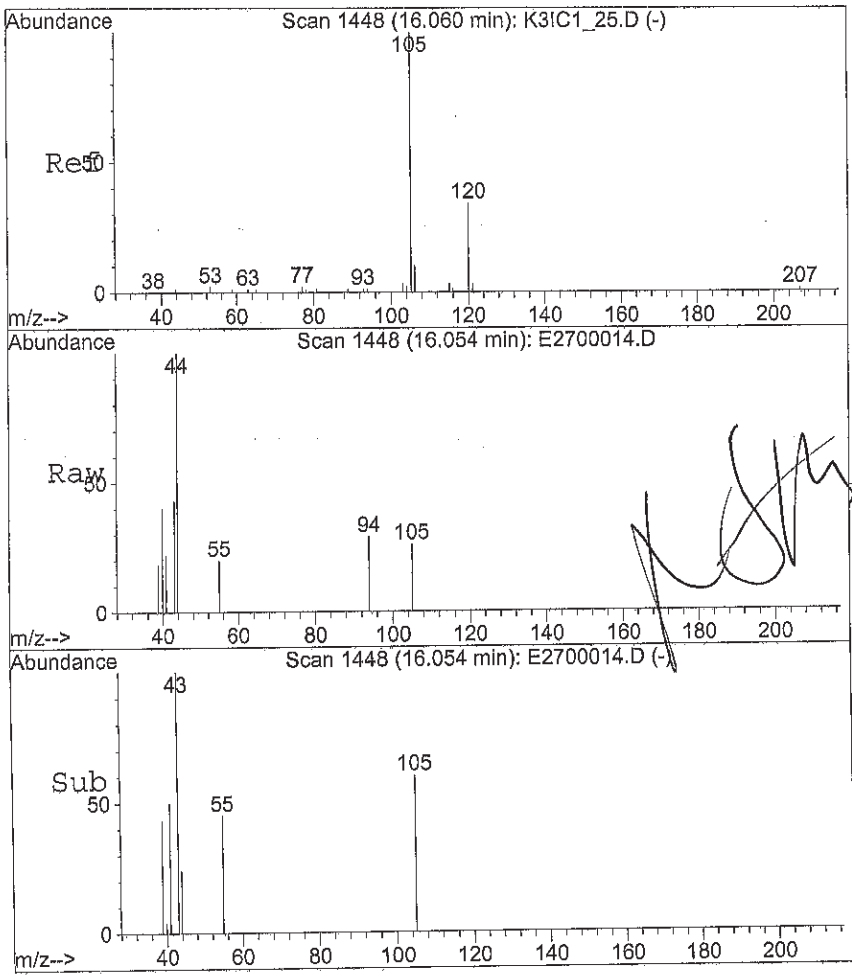


#65
4-Chlorotoluene
Concen: 0.16 ug/L
RT: 15.61 min Scan# 1395
Delta R.T. -0.12 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 91 Resp: 2396

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

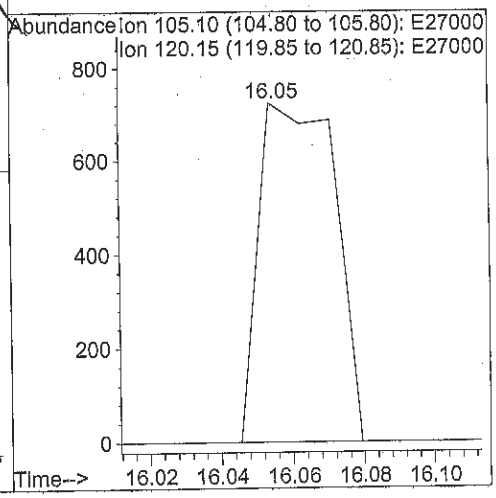


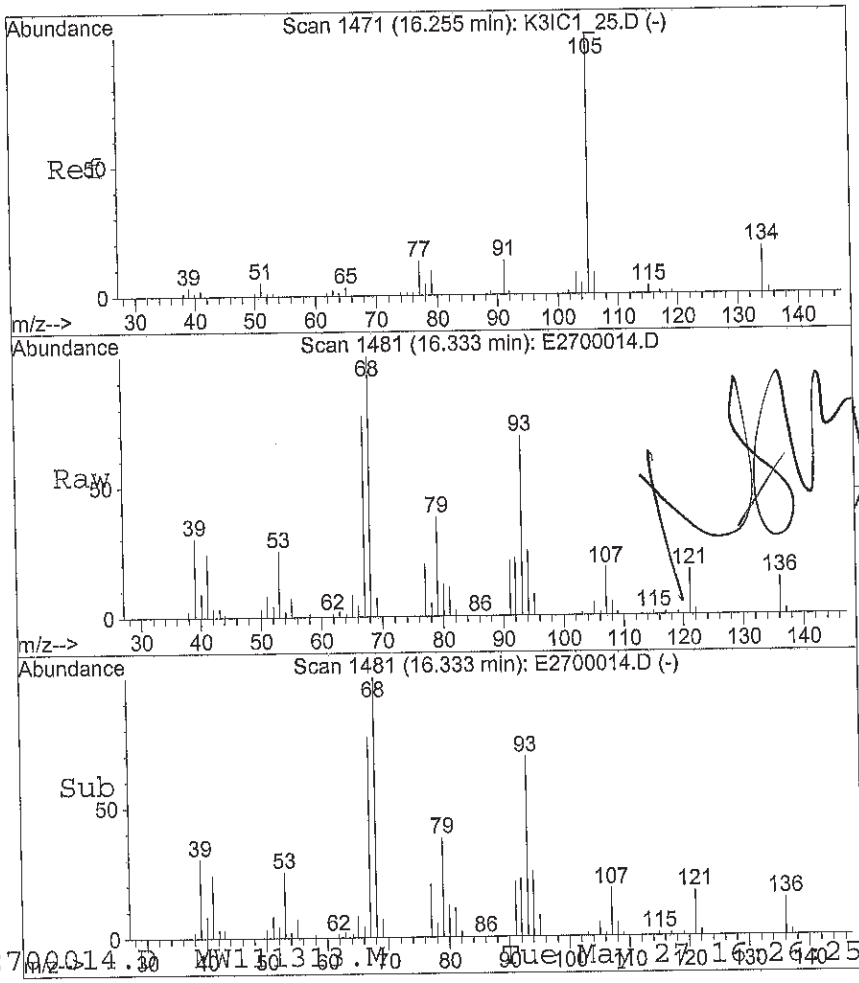


#67
1,2,4-Trimethylbenzene
Concen: 0.06 ug/L
RT: 16.05 min Scan# 1448
Delta R.T. -0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion:105 Resp: 1059

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

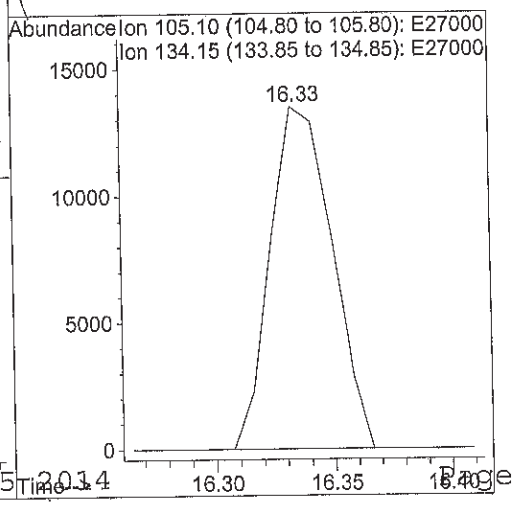


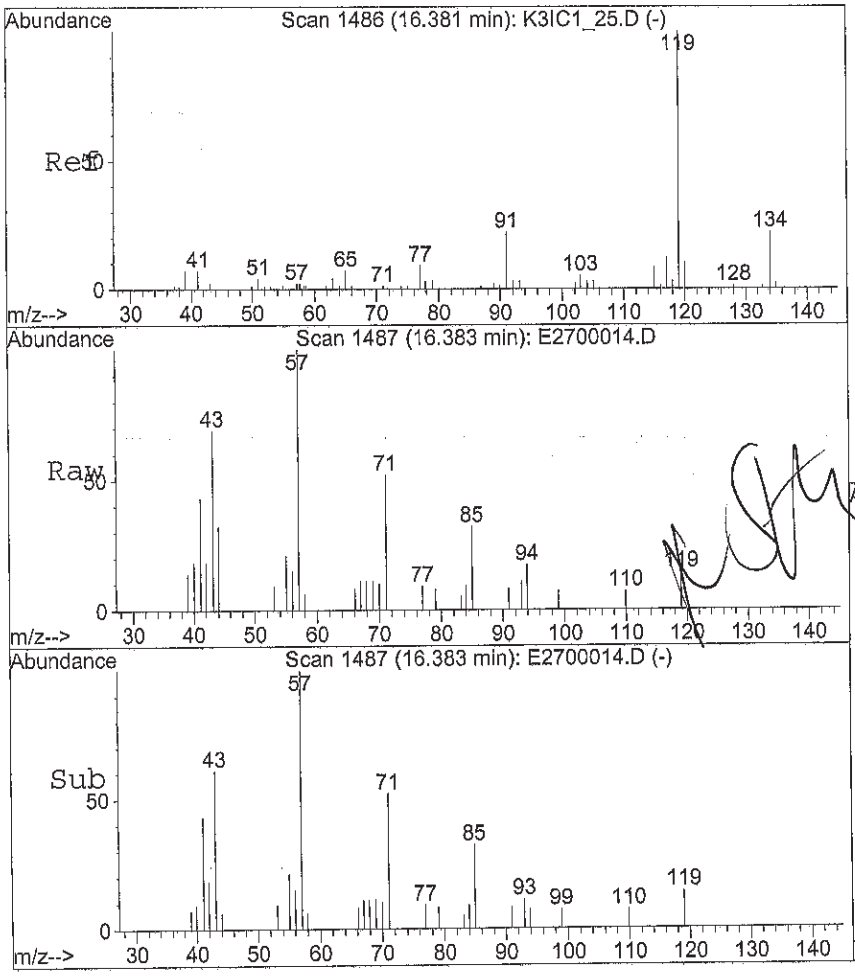


#68
sec-Butylbenzene
Concen: 1.13 ug/L
RT: 16.33 min Scan# 1481
Delta R.T. 0.08 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion:105 Resp: 24414

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

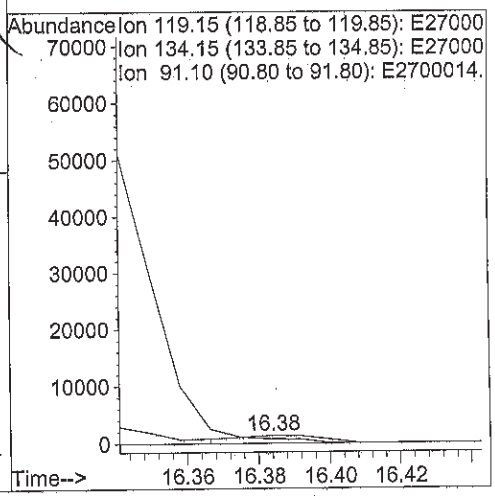


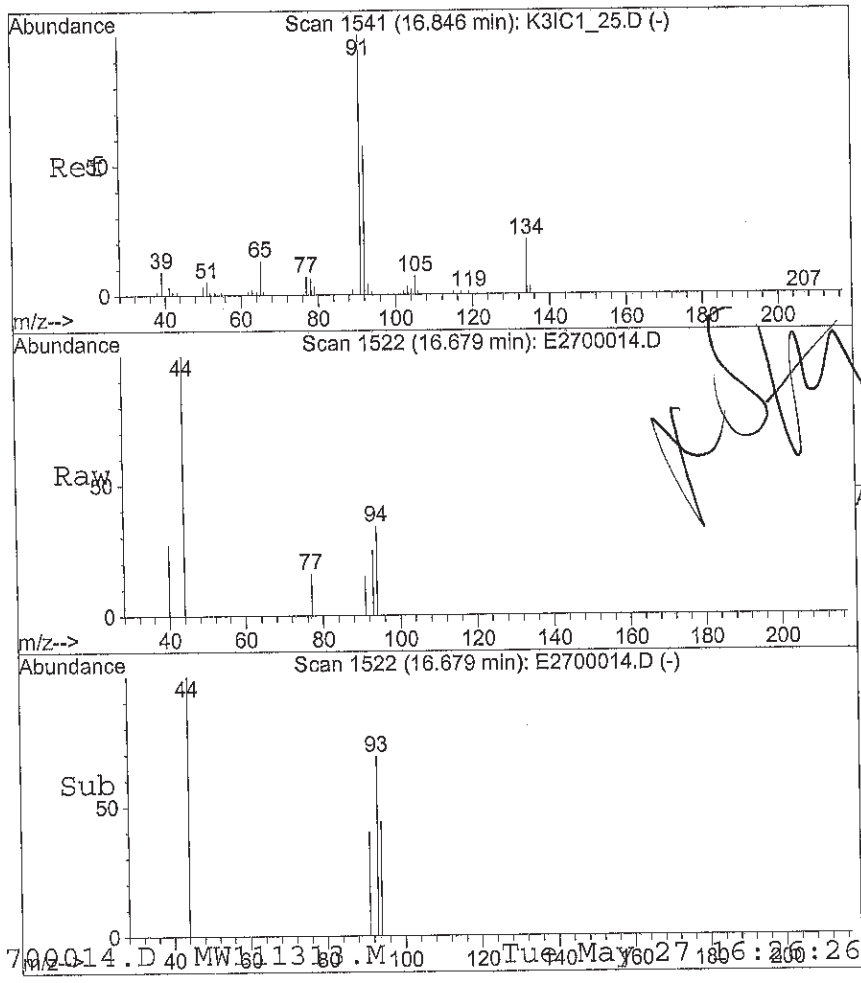


#69
p-Isopropyltoluene
Concen: 0.12 ug/L
RT: 16.38 min Scan# 1487
Delta R.T. 0.00 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion:119 Resp: 2197

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#

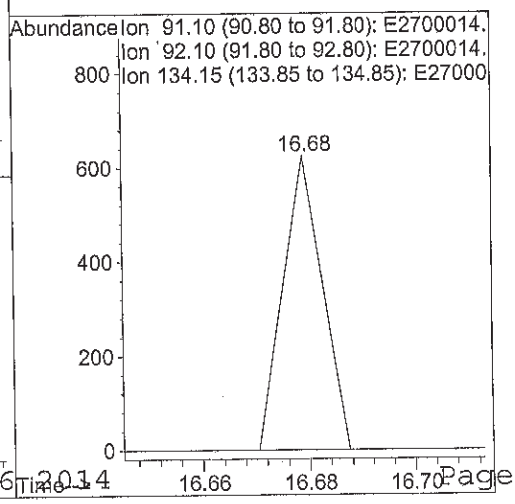


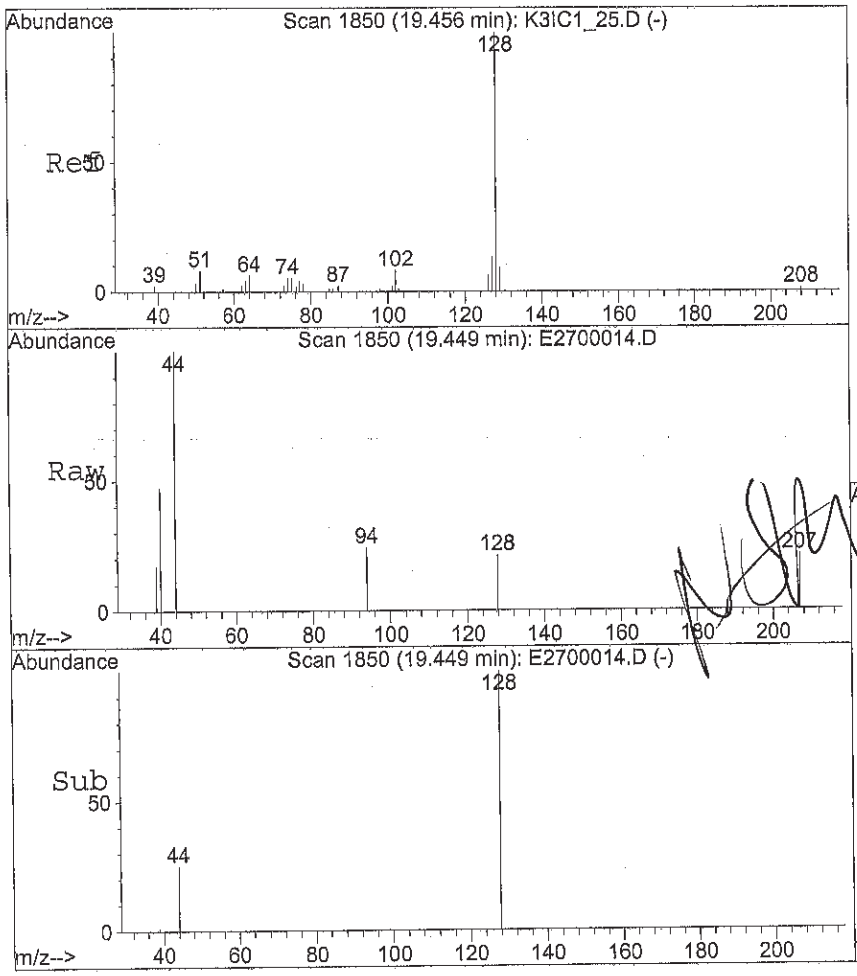


#72
n-Butylbenzene
Concen: 0.02 ug/L
RT: 16.68 min Scan# 1522
Delta R.T. -0.17 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion: 91 Resp: 316

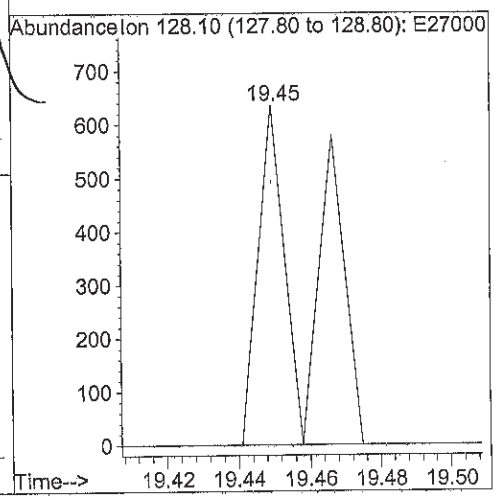
Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.0	70.4#
134	0.0	18.1	27.1#





#77
Naphthalene
Concen: 0.05 ug/L
RT: 19.45 min Scan# 1850
Delta R.T. -0.01 min
Lab File: E2700014.D
Acq: 27 May 2014 4:04 pm

Tgt Ion:128 Resp: 616



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700014.D Vial: 5
Acq On : 27 May 2014 4:04 pm Operator: DN
Sample : 3E42701-11 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-16.75-17.75 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 16:25 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1558226	12.50 ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.92	117	1224504	12.50 ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	643267	12.50 ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	436452	10.77 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 86.16%		
3) Chloroform-d (SU6)	9.19	84	712297	12.25 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 98.00%		
4) Methylene Chloride-d2 (SU5	7.07	86	399253	11.75 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 94.00%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	437553	15.80 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 126.40%#		
6) Benzene-d6 (SU7)	9.93	84	1362590	11.14 ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 89.12%		
8) Toluene-d8 (SU3)	12.21	98	1377020	11.85 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 94.80%		
9) 4-Bromofluorobenzene (SU4)	15.23	95	680731	14.19 ug/L	-0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 113.52%		

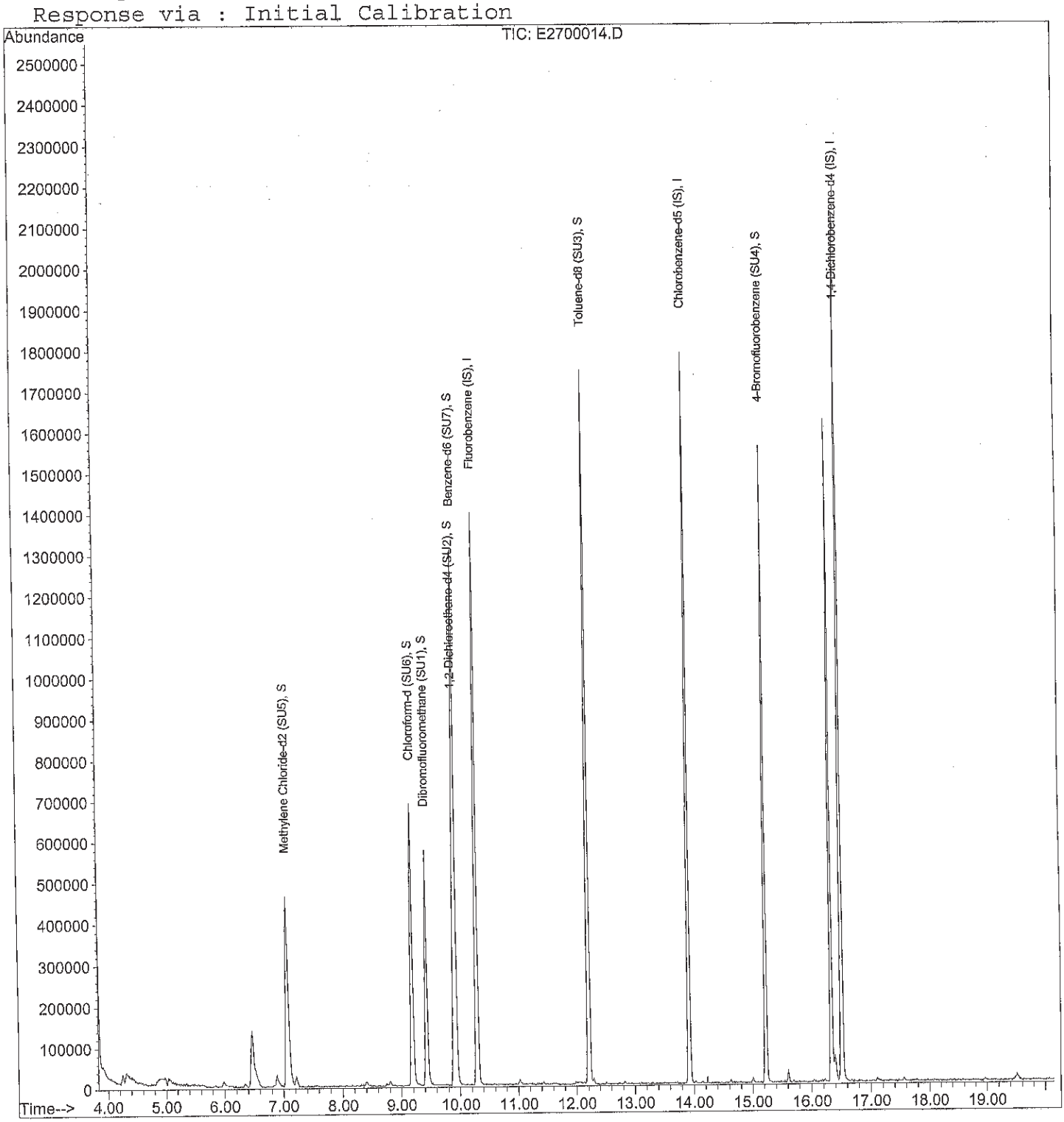
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700014.D Vial: 5
Acq On : 27 May 2014 4:04 pm Operator: DN
Sample : 3E42701-11 Inst : GC/MS Ins
Misc : 100cc SVL-512-SA5D-SV-16.75-17.75 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 16:25 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700015.D
Acq On : 27 May 2014 5:01 pm
Sample : 3E42701-12
Misc : 100cc FB-052714
MS Integration Params: rteint.p
Quant Time: May 27 17:22 19114

Vial: 6
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1656895	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1256682	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	652135	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	464949	11.25 ug/L	0.01
Spiked Amount 12.500	Range 75 - 125		Recovery =	90.00%	
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	447485	11.39 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	91.12%	
39) Toluene-d8 (SU3)	12.20	98	1465222	12.50 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	100.00%	
58) 4-Bromofluorobenzene (SU4)	15.22	95	663833	12.92 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	103.36%	

Target Compounds					Qvalue
4) Chloromethane	4.42	50	1389	-0.72 ug/L #	41
6) Bromomethane	5.14	96	2221	-0.56 ug/L #	1
7) Chloroethane	5.24	64	2585	2.56 ug/L #	51
11) Acetone	6.46	58	6283	4.82 ug/L #	59
12) (IPA) Leak Check Compound	6.49	45	23780	119.44 ug/L #	99
14) Methylene Chloride	7.07	84	6481	1.42 ug/L #	1
15) (TBA) tert-Butanol	6.92	59	352	1.25 ug/L #	77
21) (MEK) 2-Butanone	8.79	72	259	0.56 ug/L #	1
24) Chloroform	9.21	83	2146	0.25 ug/L #	11
31) Benzene	9.93	78	10024	0.64 ug/L #	76
32) 1,2-Dichloroethane	9.92	62	5695	1.03 ug/L #	1
36) Bromodichloromethane	11.33	83	271	0.05 ug/L #	21
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	7322	2.92 ug/L #	100
41) Toluene	12.29	91	1384	0.08 ug/L	91
46) 2-Hexanone	12.96	43	1130	0.41 ug/L #	37
51) Ethylbenzene	14.02	91	535	0.03 ug/L #	45
54) Styrene	14.63	104	1140	-0.76 ug/L #	81
56) Isopropylbenzene	15.10	105	1441	0.08 ug/L #	55
62) n-Propylbenzene	15.53	91	98841	3.75 ug/L #	57
63) 2-Chlorotoluene	15.53	91	98841	6.09 ug/L #	45
64) 1,3,5-Trimethylbenzene	15.52	105	25396	1.56 ug/L #	34
65) 4-Chlorotoluene	15.53	91	98841	6.59 ug/L #	44

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700015.D Vial: 6
Acq On : 27 May 2014 5:01 pm Operator: DN
Sample : 3E42701-12 Inst : GC/MS Ins
Misc : 100cc FB-052714 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 17:22 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
66) tert-Butylbenzene	16.21	119	287	0.02 ~~ug/L #~~ NSM	24
67) 1,2,4-Trimethylbenzene	16.06	105	750	0.04 ug/L #	33
68) sec-Butylbenzene	16.33	105	7681	0.35 ug/L #	62
69) p-Isopropyltoluene	16.38	119	2194	0.12 ug/L #	52
77) Naphthalene	19.44	128	320	0.02 ug/L	100

(#) = qualifier out of range (m) = manual integration

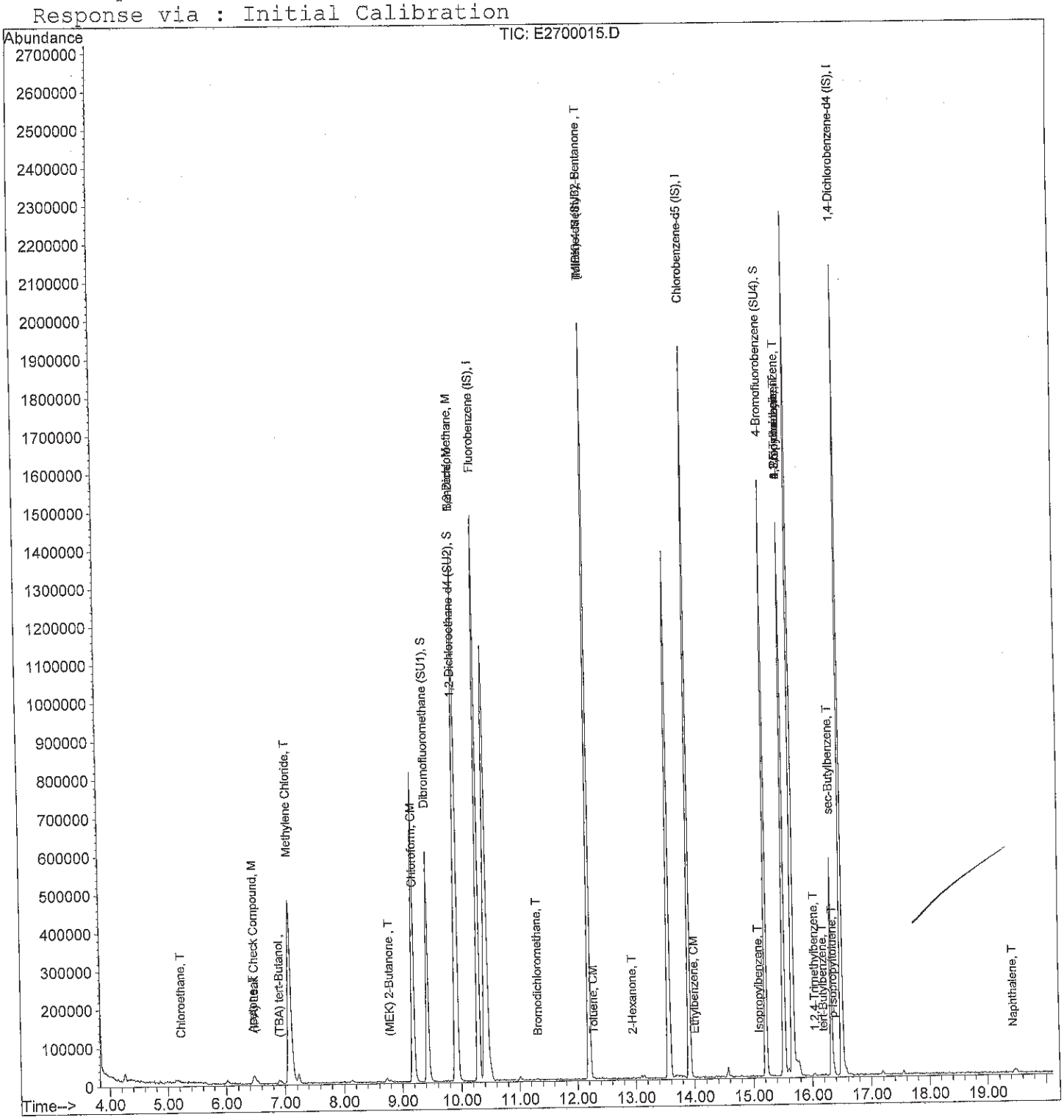
Quantitation Report

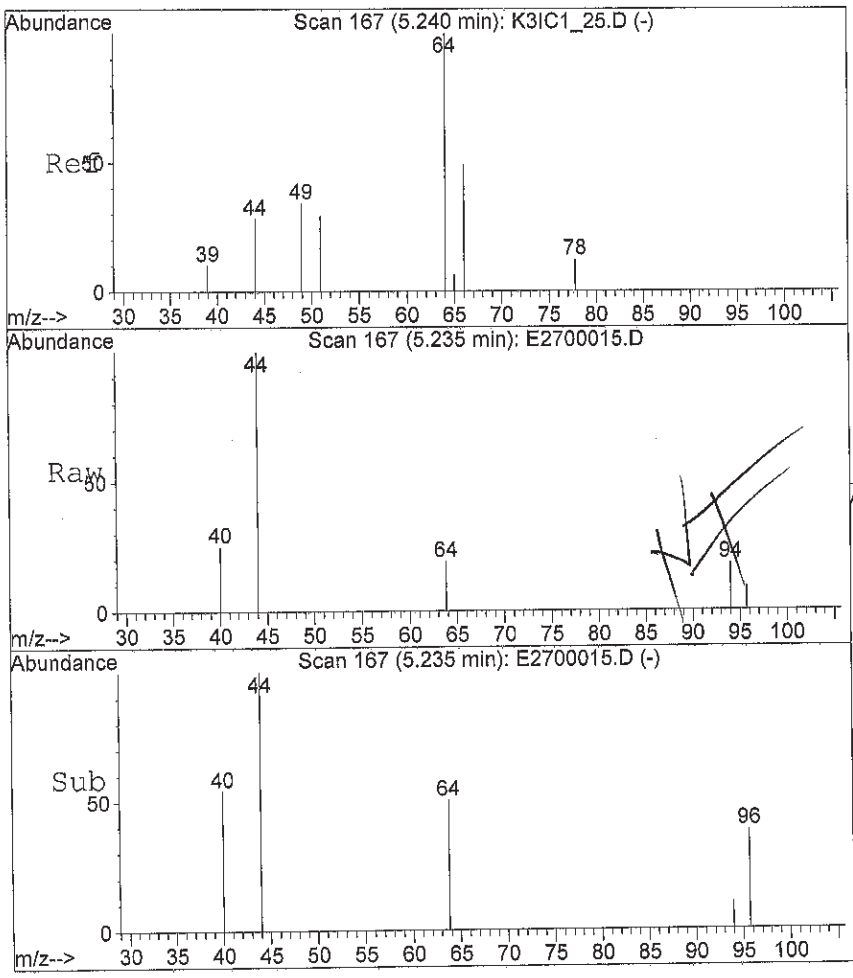
Data File : C:\HPCHEM\1\DATA\052714L3\E2700015.D
Acq On : 27 May 2014 5:01 pm
Sample : 3E42701-12
Misc : 100cc FB-052714
MS Integration Params: rteint.p
Quant Time: May 27 17:22 19114

Vial: 6
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

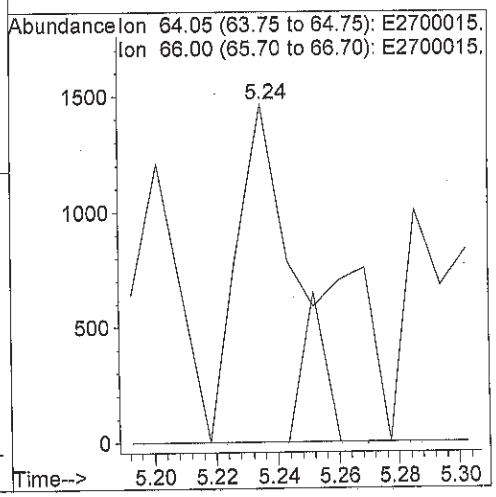


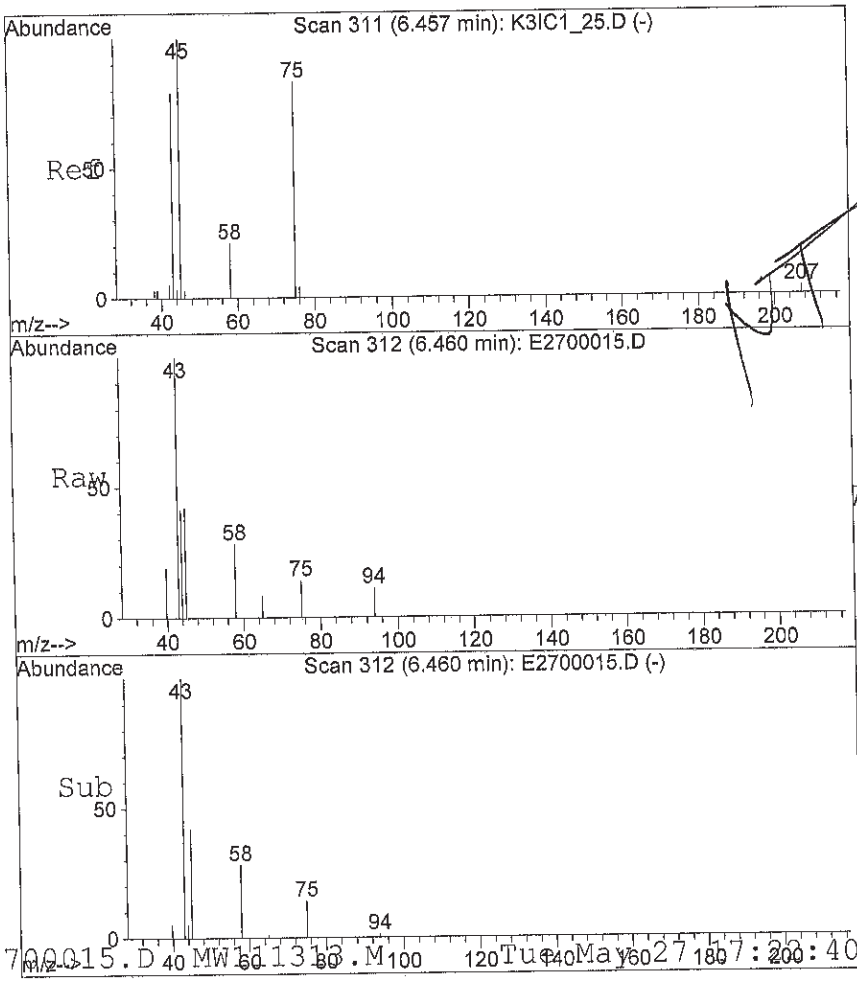


#7
Chloroethane
Concen: 2.56 ug/L
RT: 5.24 min Scan# 167
Delta R.T. -0.00 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 64 Resp: 2585

Ion	Ratio	Lower	Upper
64	100		
66	12.7	35.4	53.0#

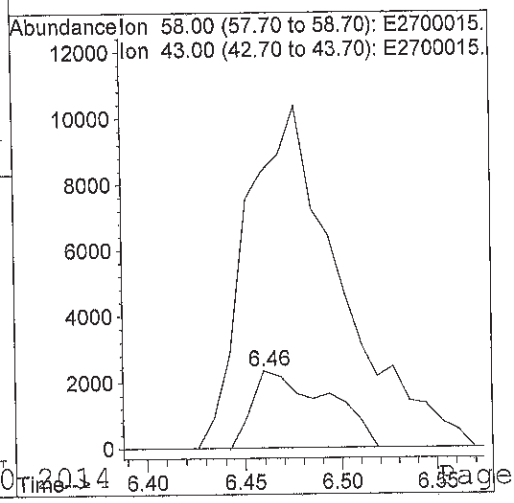


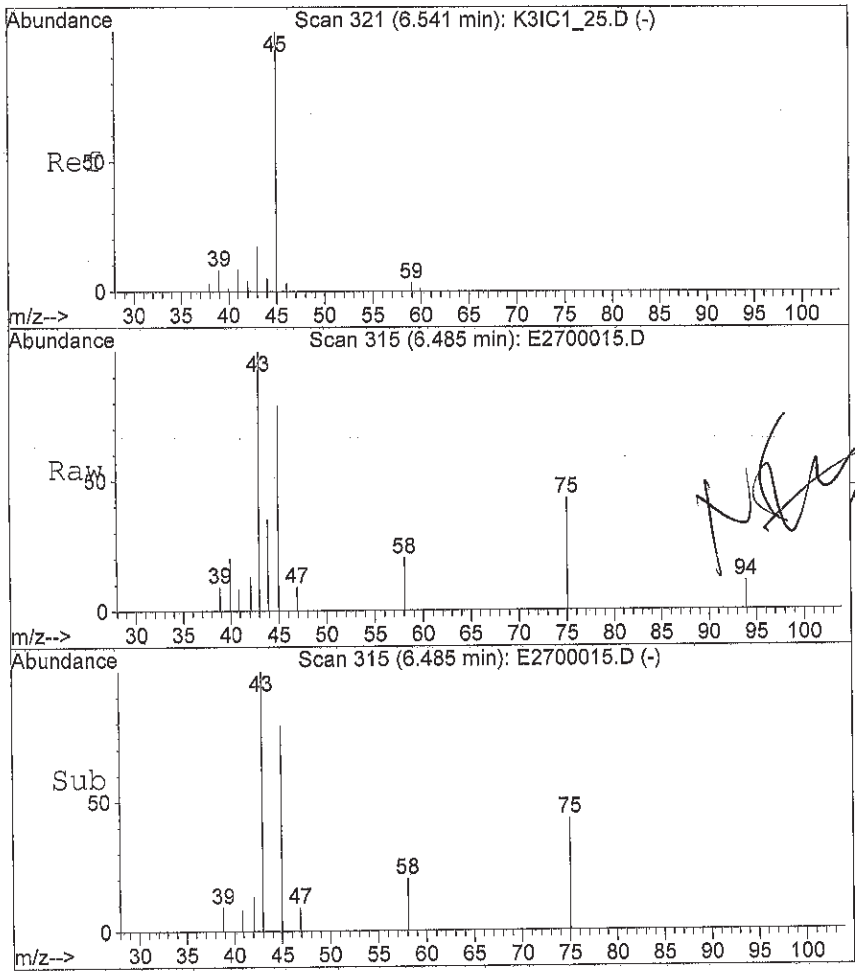


#11
Acetone
Concen: 4.82 ug/L
RT: 6.46 min Scan# 312
Delta R.T. 0.00 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 58 Resp: 6283

Ion	Ratio	Lower	Upper
58	100		
43	557.7	360.9	541.3#

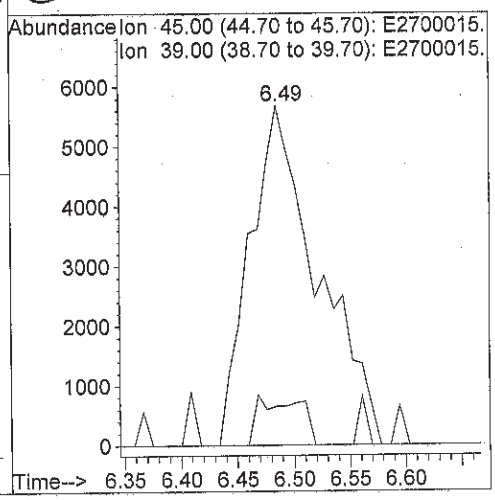


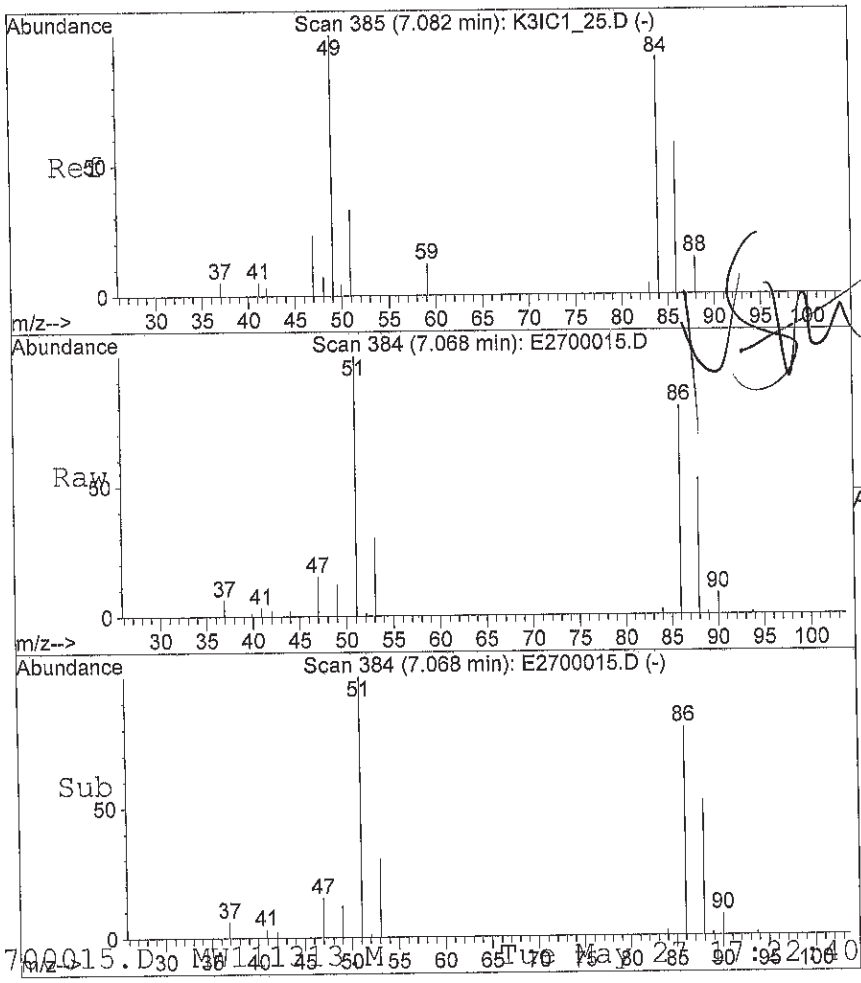


#12
(IPA) Leak Check Compound
Concen: 119.44 ug/L
RT: 6.49 min Scan# 315
Delta R.T. -0.06 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 45 Resp: 23780

Ion	Ratio	Lower	Upper
45	100		
39	5.8	4.9	7.3

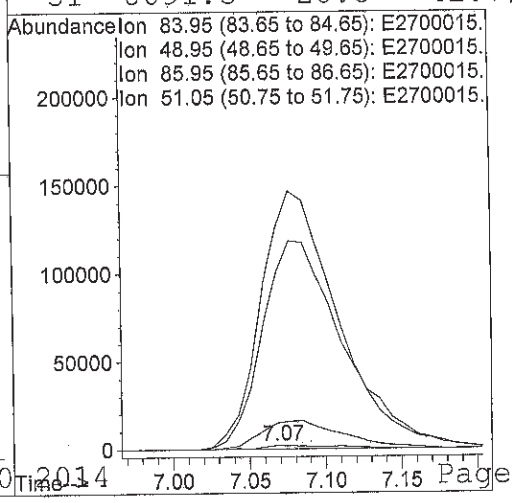


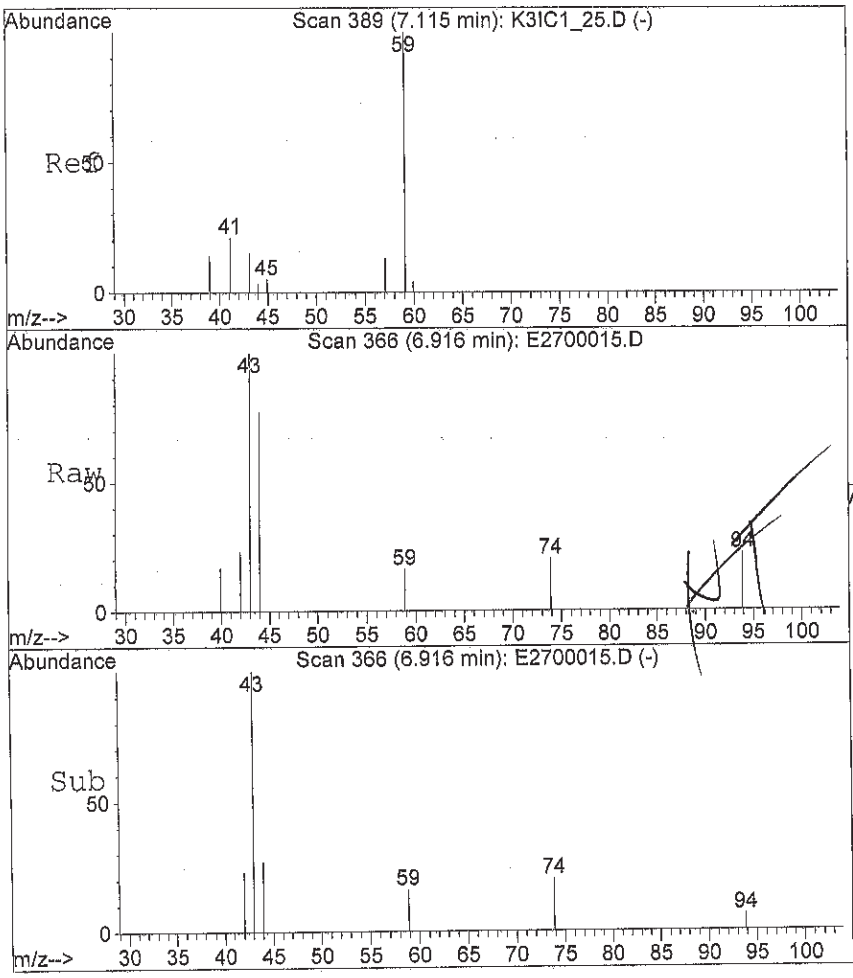


#14
Methylene Chloride
Concen: 1.42 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 84 Resp: 6481

Ion	Ratio	Lower	Upper
84	100		
49	912.9	89.8	134.6#
86	6745.1	51.1	76.7#
51	8091.5	28.5	42.7#

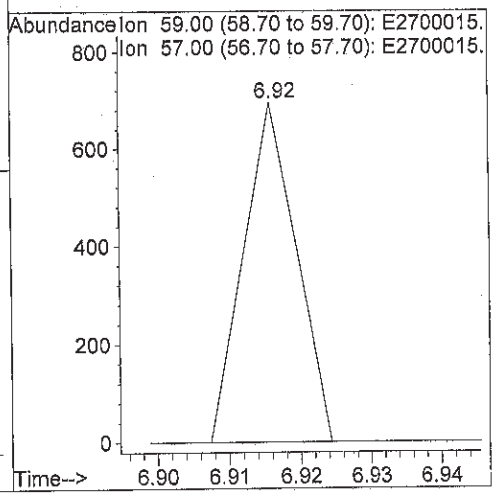


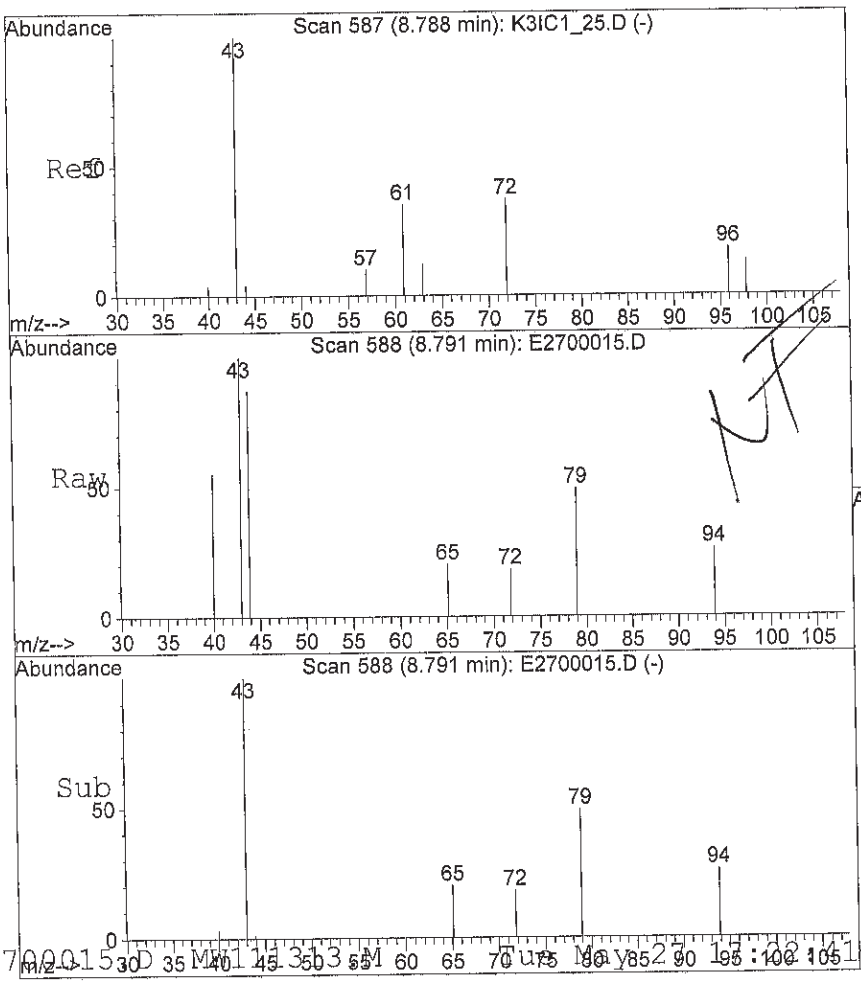


#15
(TBA) tert-Butanol
Concen: 1.25 ug/L
RT: 6.92 min Scan# 366
Delta R.T. -0.20 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 59 Resp: 352

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

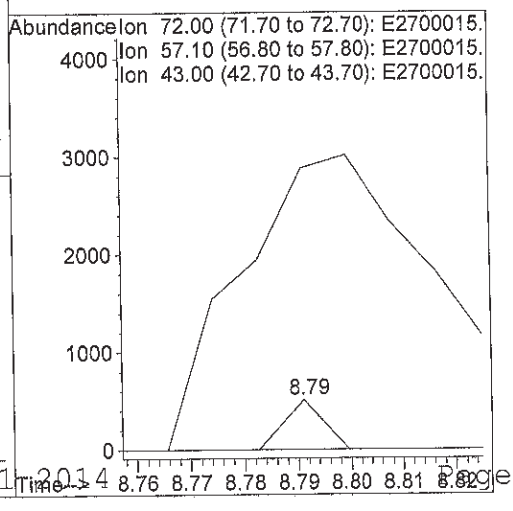


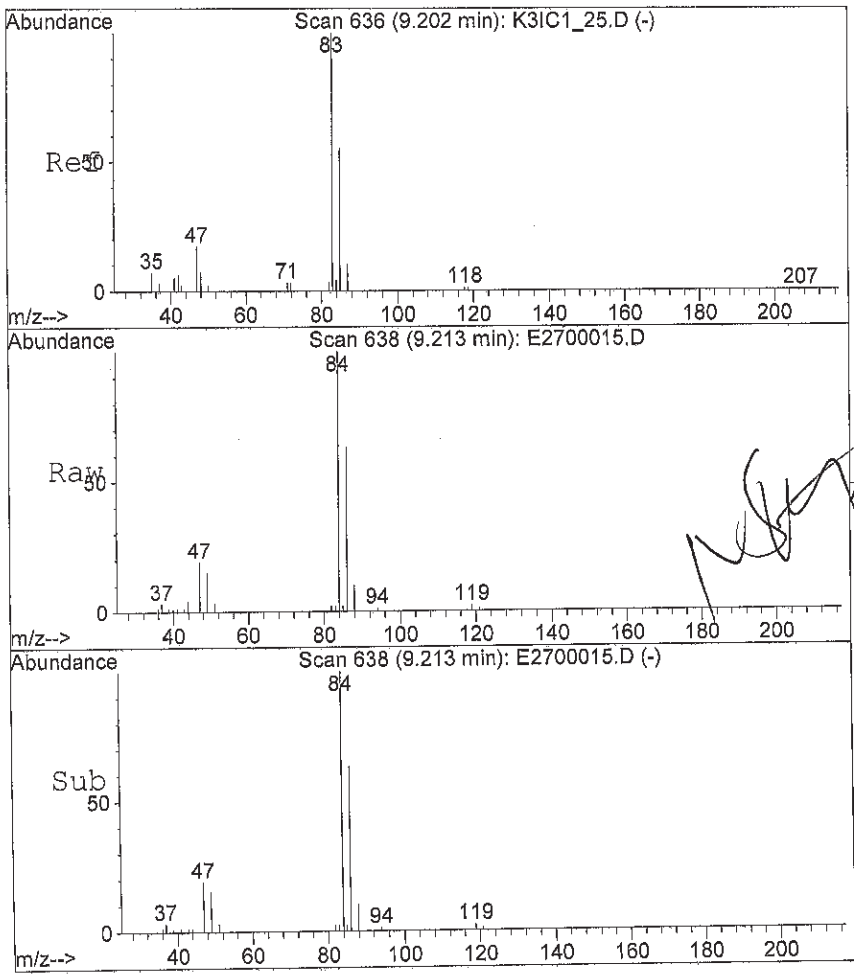


#21
(MEK) 2-Butanone
Concen: 0.56 ug/L
RT: 8.79 min Scan# 588
Delta R.T. 0.00 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 72 Resp: 259

Ion	Ratio	Lower	Upper
72	100		
57	0.0	17.5	26.3#
43	2876.8	314.2	471.2#

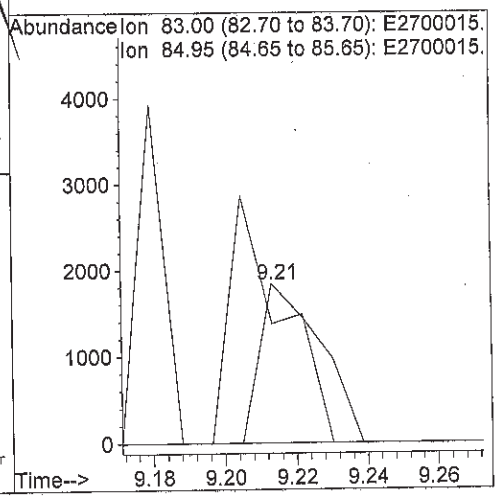


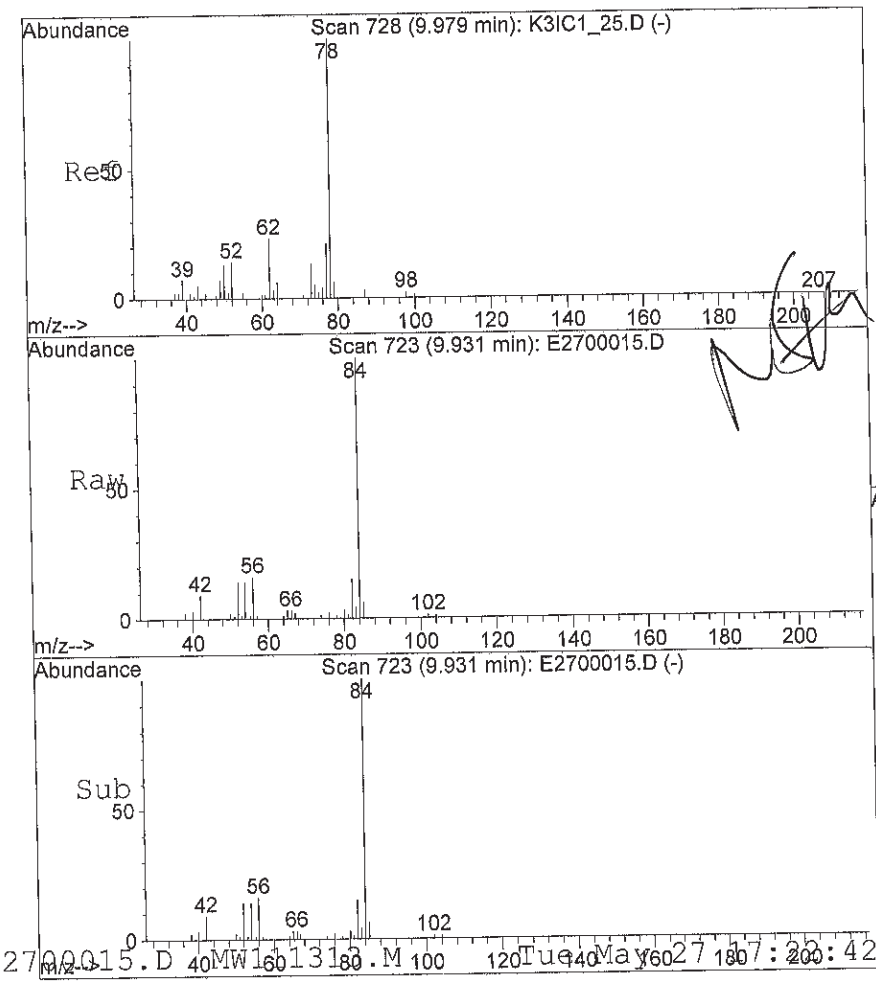


#24
Chloroform
Concen: 0.25 ug/L
RT: 9.21 min Scan# 638
Delta R.T. 0.01 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 83 Resp: 2146

Ion	Ratio	Lower	Upper
83	100		
85	134.9	51.8	77.6#

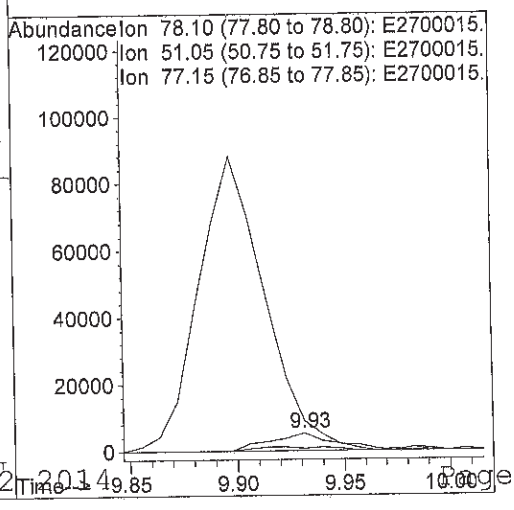


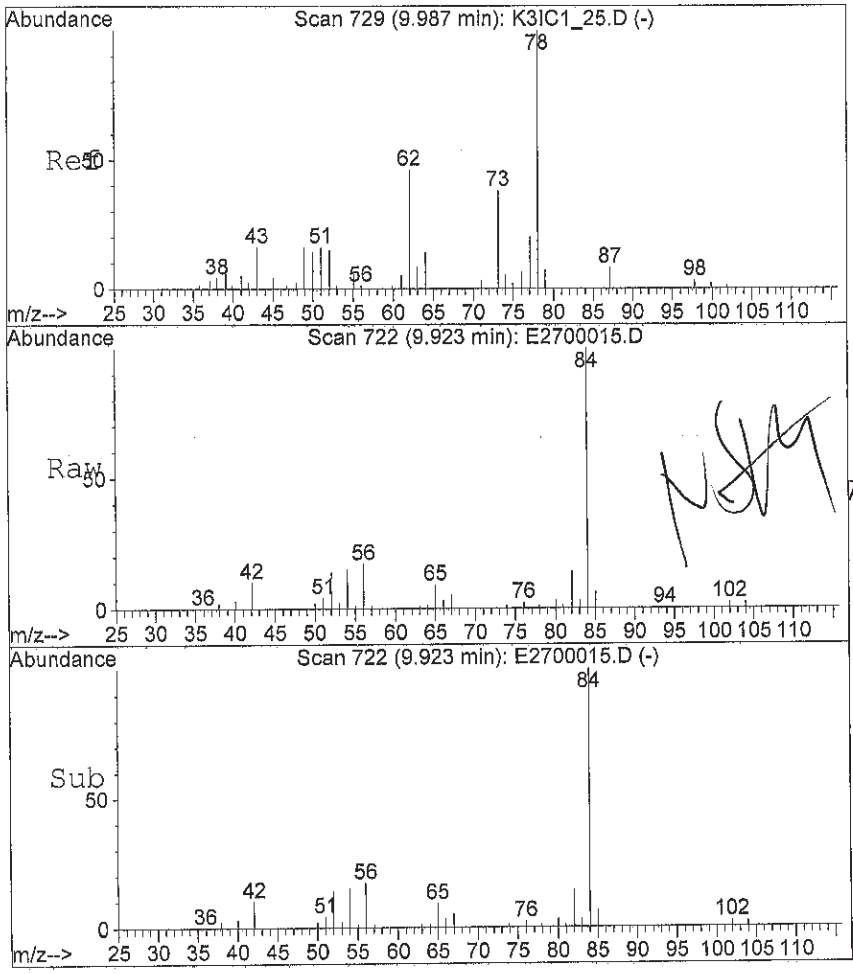


#31
Benzene
Concen: 0.64 ug/L
RT: 9.93 min Scan# 723
Delta R.T. -0.05 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 78 Resp: 10024

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	25.6	16.6	24.8#

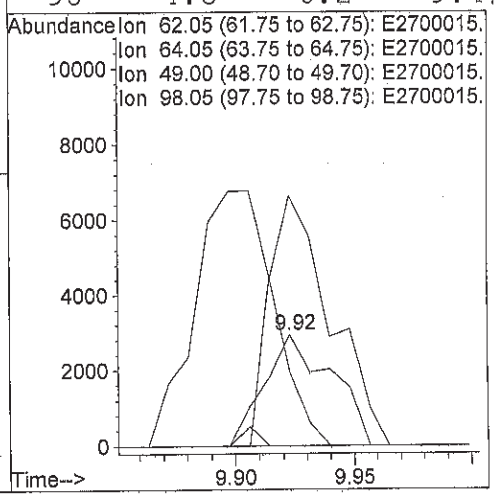


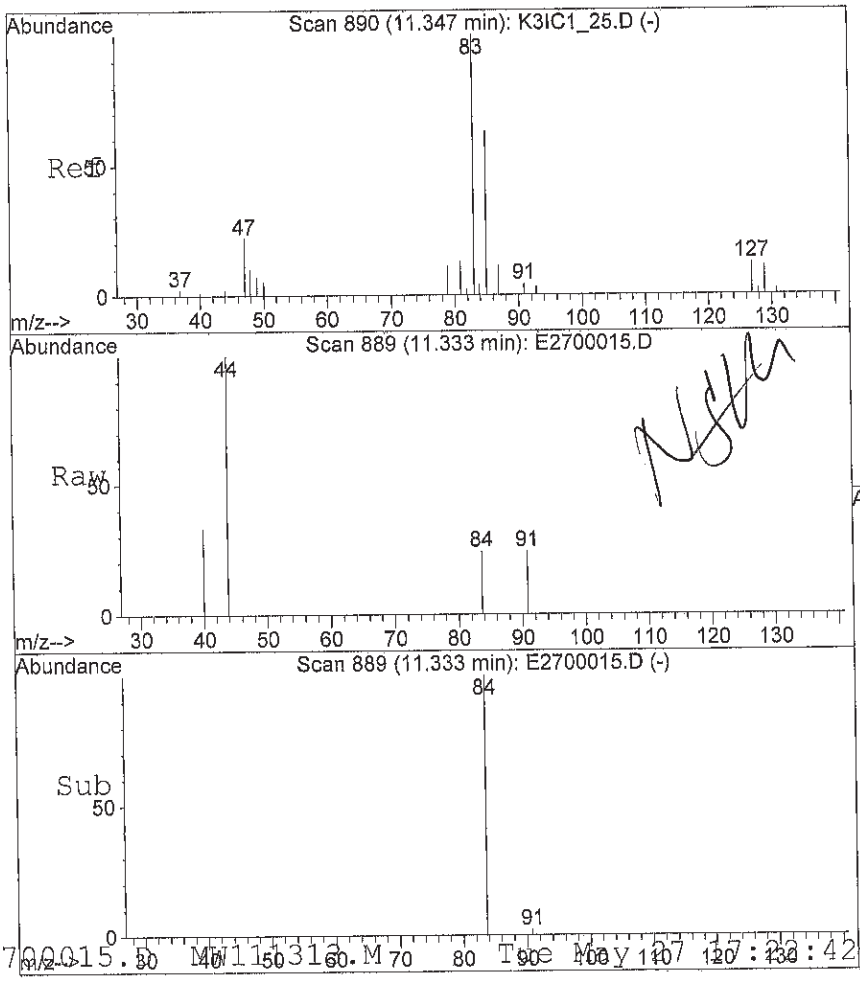


#32
1,2-Dichloroethane
Concen: 1.03 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 62 Resp: 5695

Ion	Ratio	Lower	Upper
62	100		
64	209.1	28.0	42.0#
49	271.5	28.5	42.7#
98	4.5	6.2	9.4#

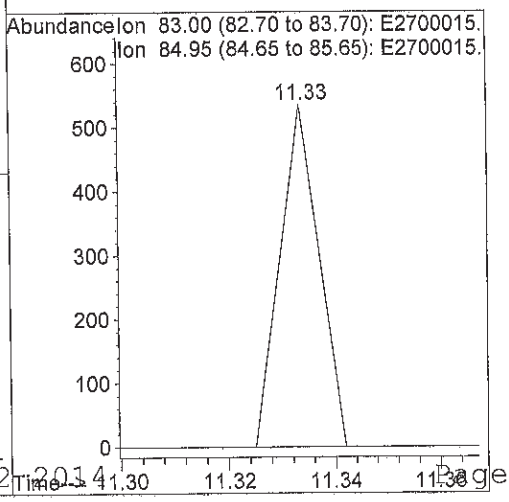


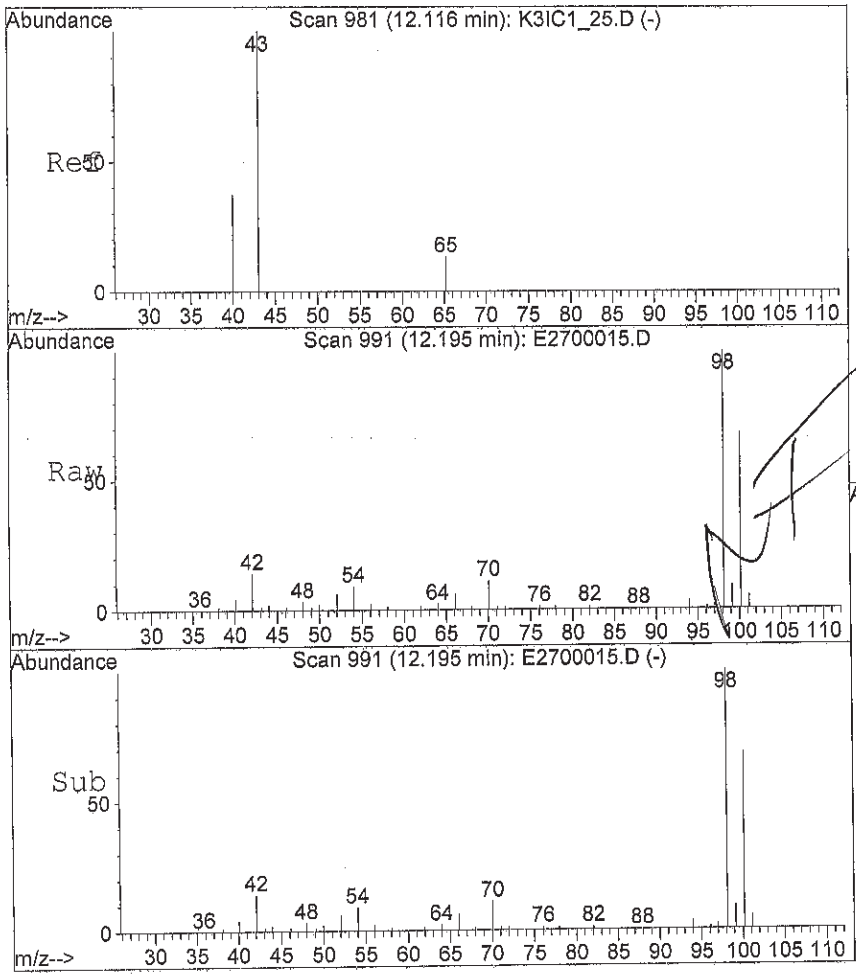


#36
Bromodichloromethane
Concen: 0.05 ug/L
RT: 11.33 min Scan# 889
Delta R.T. -0.01 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 83 Resp: 271

Ion	Ratio	Lower	Upper
83	100		
85	0.0	48.2	72.2#

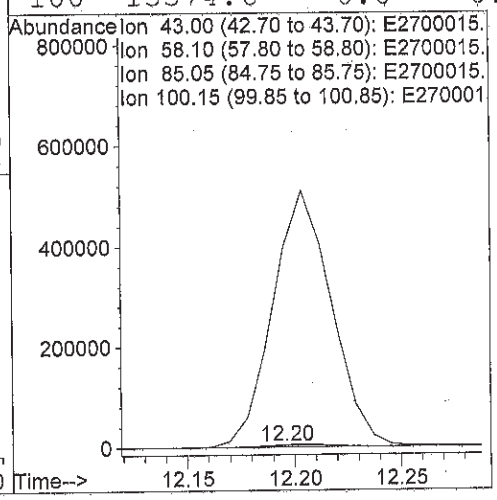


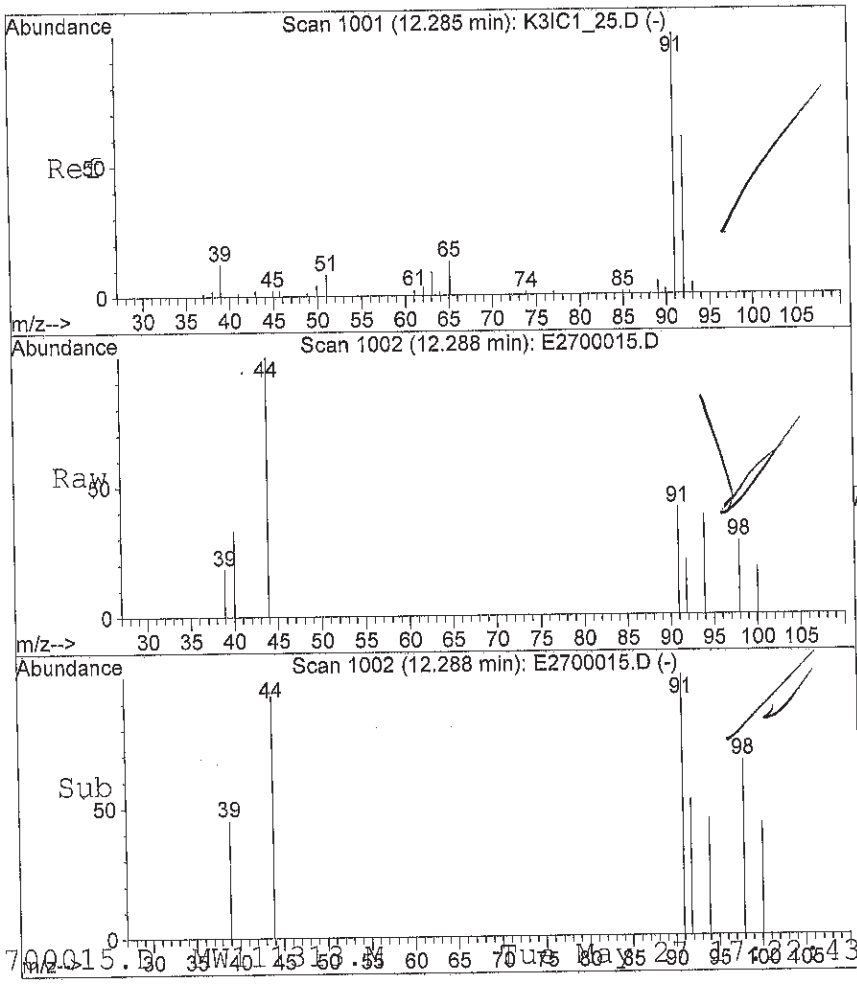


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.92 ug/L
RT: 12.20 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 43 Resp: 7322

Ion	Ratio	Lower	Upper
43	100		
58	142.2	0.0	0.0#
85	0.0	0.0	0.0
100	13374.6	0.0	0.0#

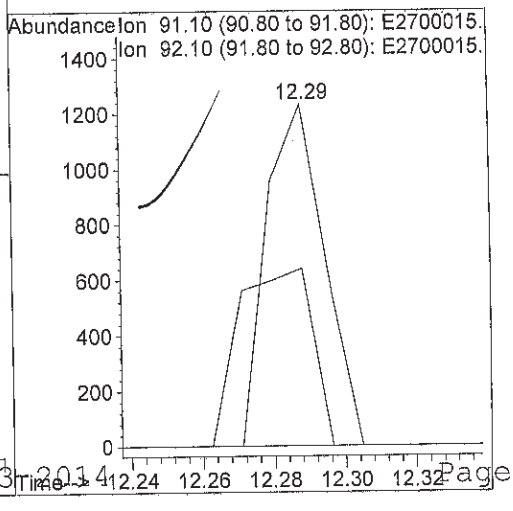


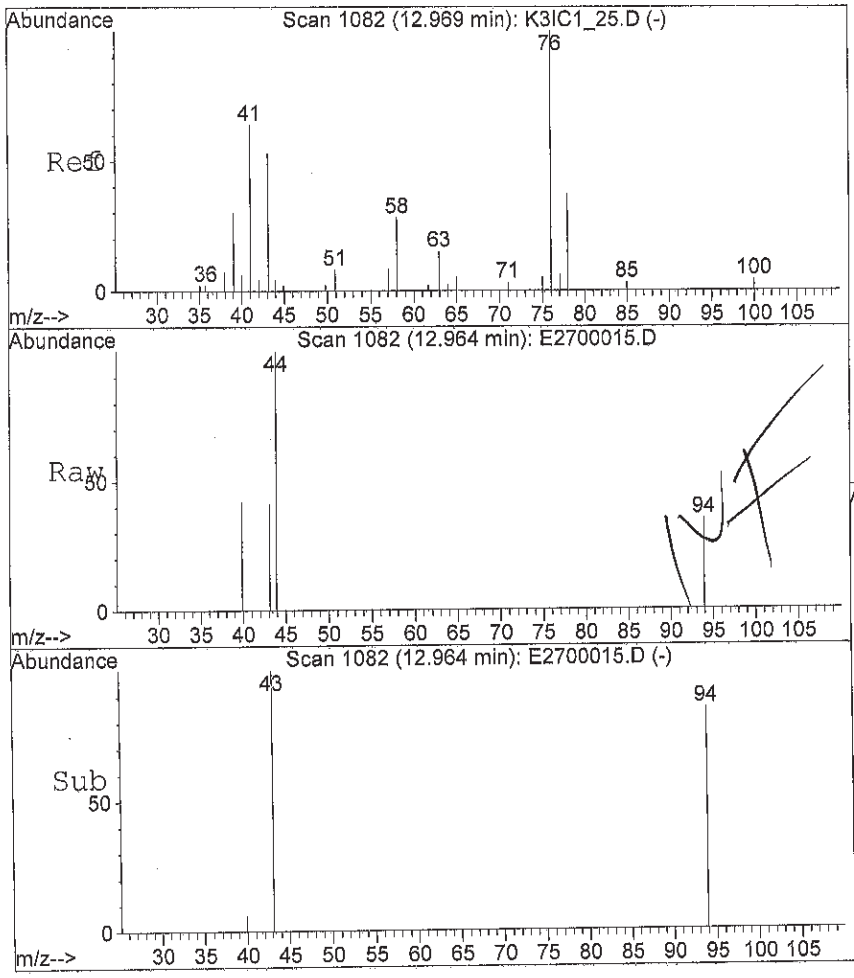


#41
Toluene
Concen: 0.08 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 91 Resp: 1384

Ion	Ratio	Lower	Upper
91	100		
92	65.8	47.4	71.0

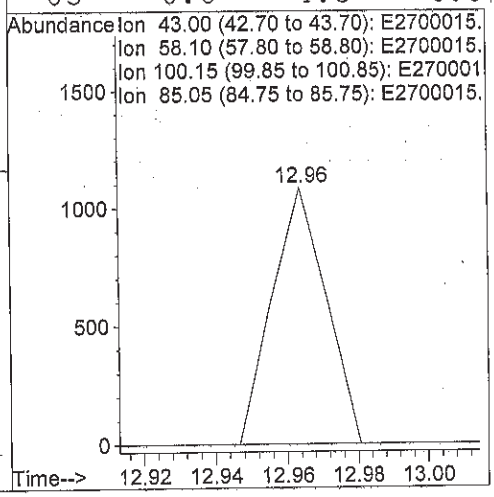


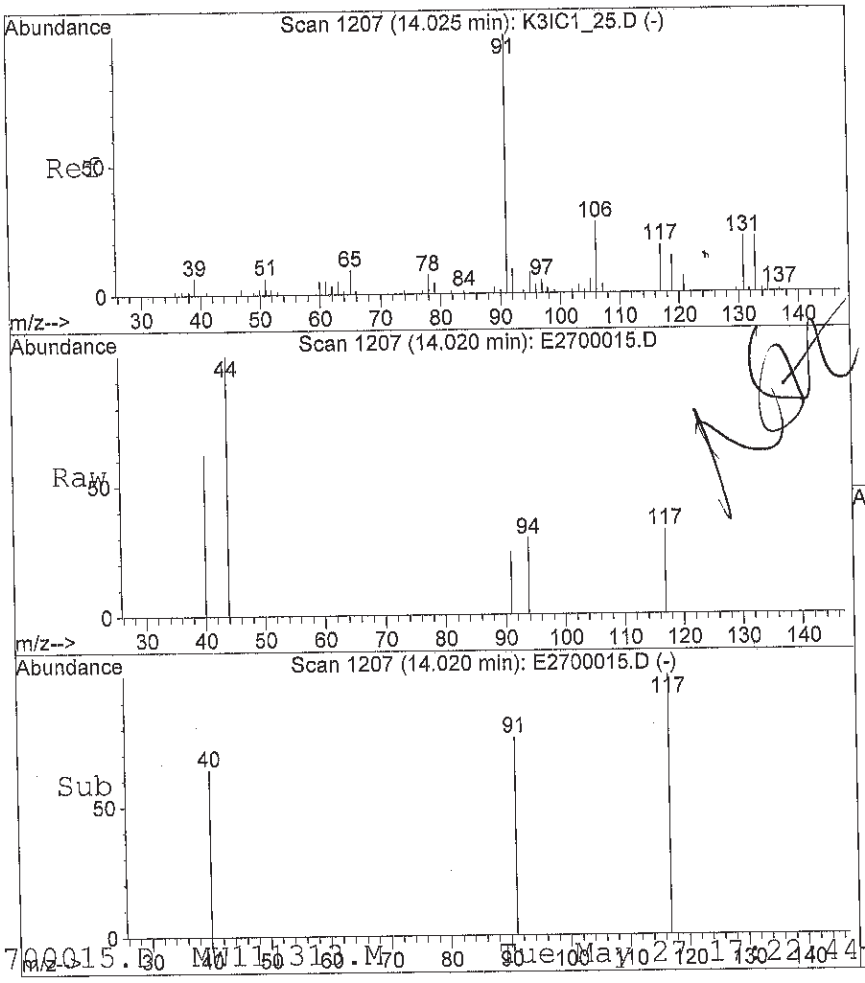


#46
2-Hexanone
Concen: 0.41 ug/L
RT: 12.96 min Scan# 1082
Delta R.T. -0.01 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 43 Resp: 1130

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

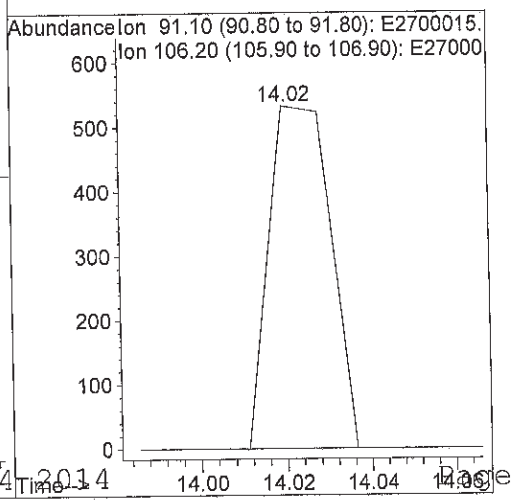


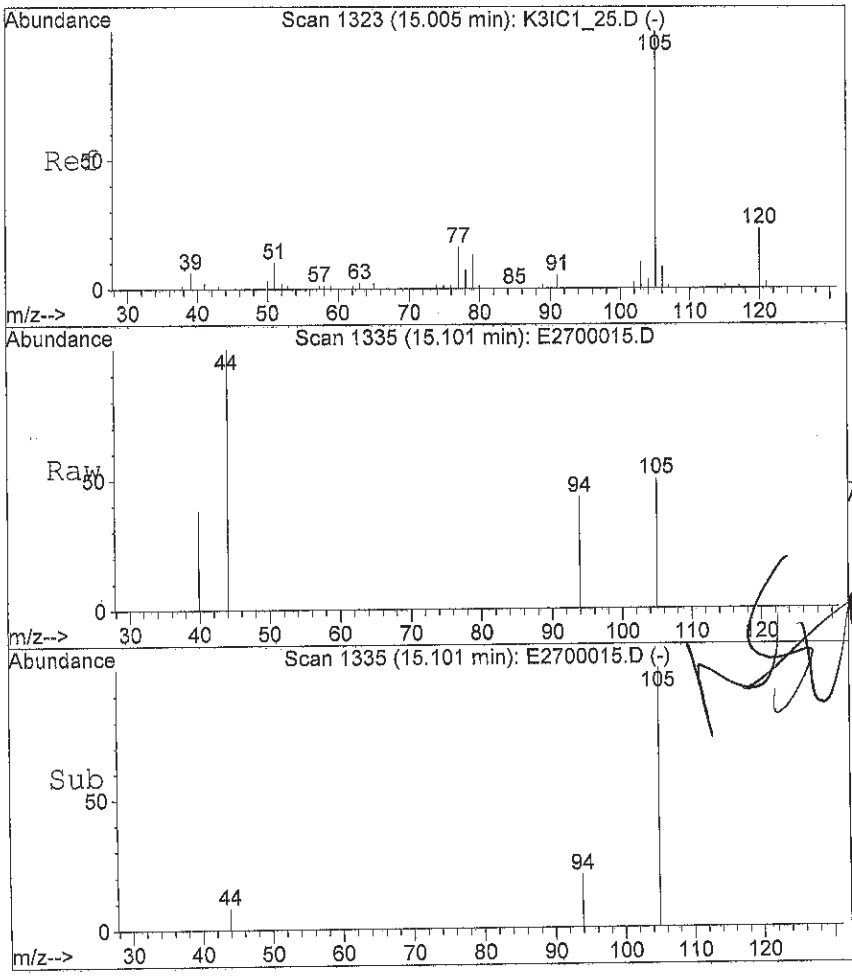


#51
Ethylbenzene
Concen: 0.03 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.01 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 91 Resp: 535

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

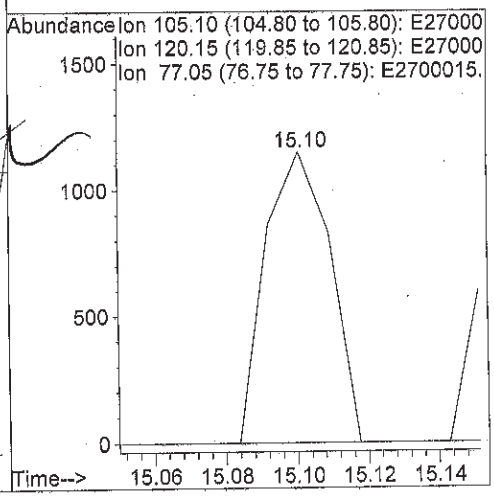


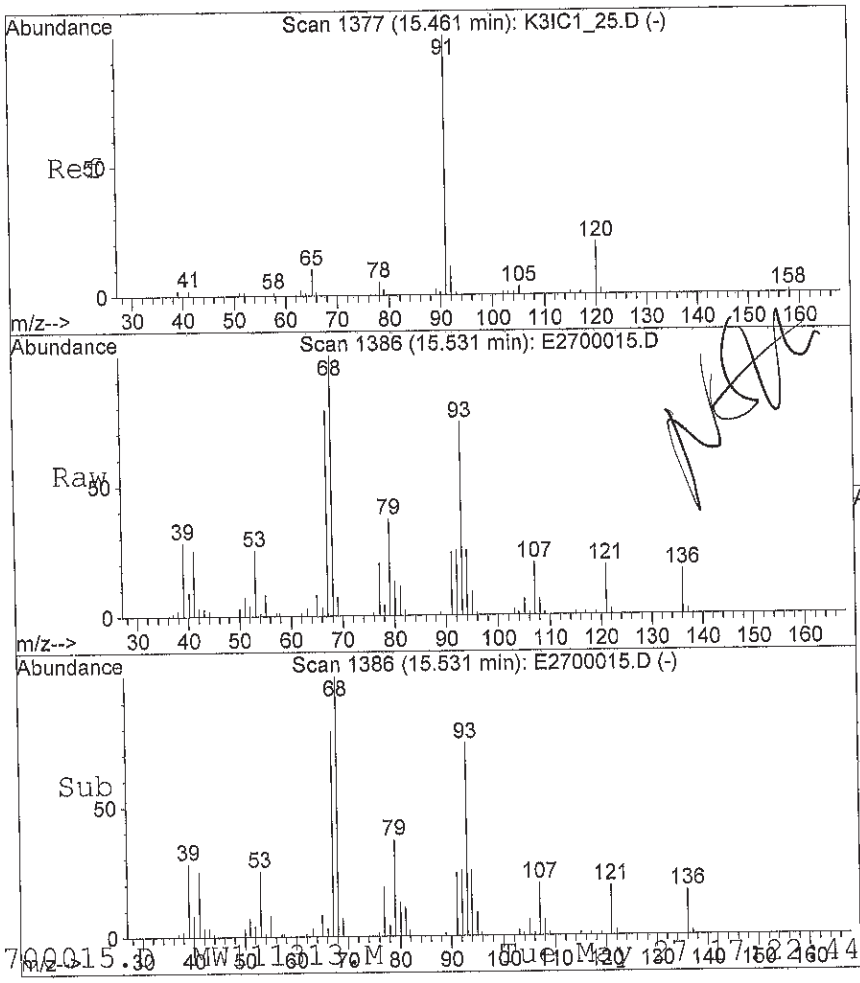


#56
Isopropylbenzene
Concen: 0.08 ug/L
RT: 15.10 min Scan# 1335
Delta R.T. 0.10 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion:105 Resp: 1441

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

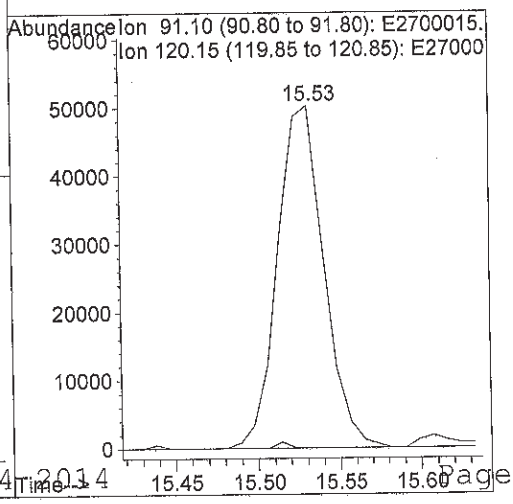


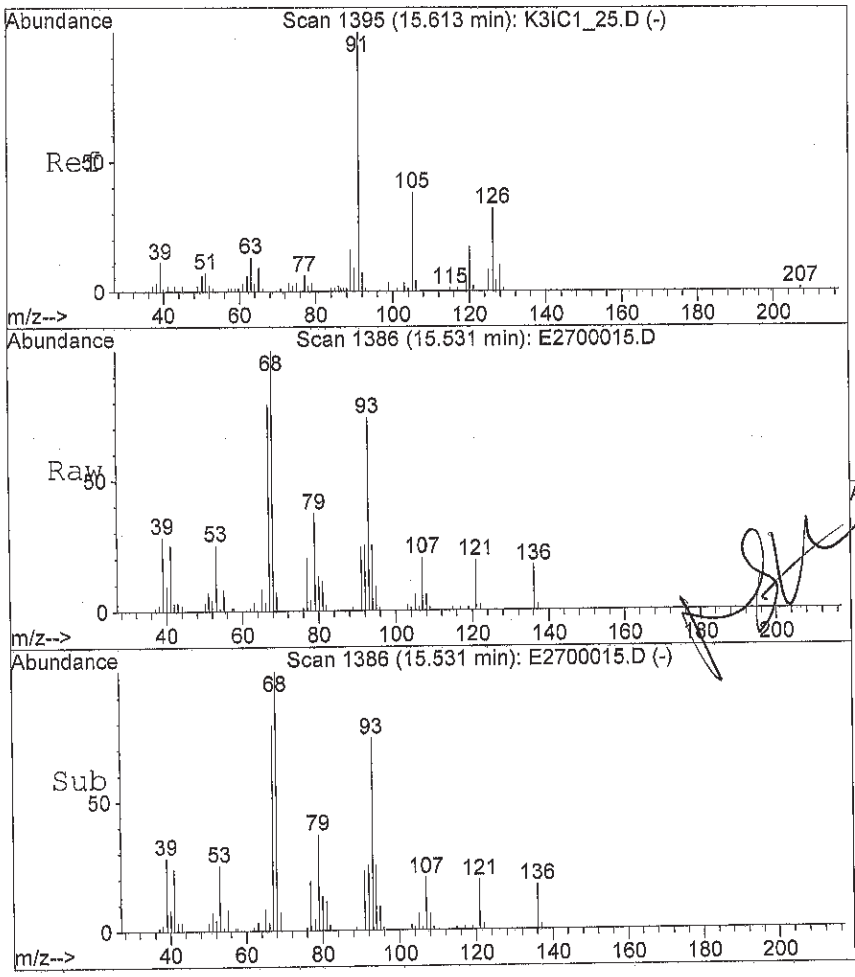


#62
n-Propylbenzene
Concen: 3.75 ug/L
RT: 15.53 min Scan# 1386
Delta R.T. 0.07 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 91 Resp: 98841

Ion	Ratio	Lower	Upper
91	100		
120	0.5	16.1	24.1#

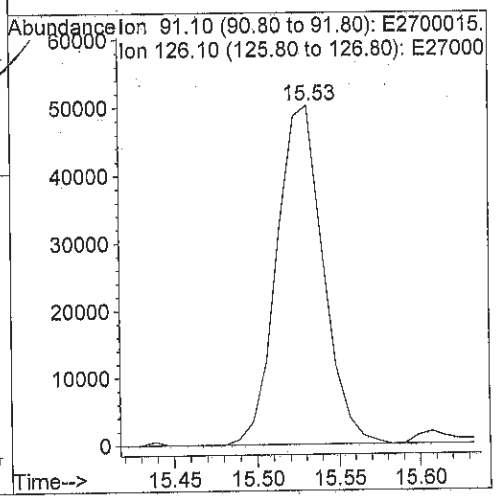


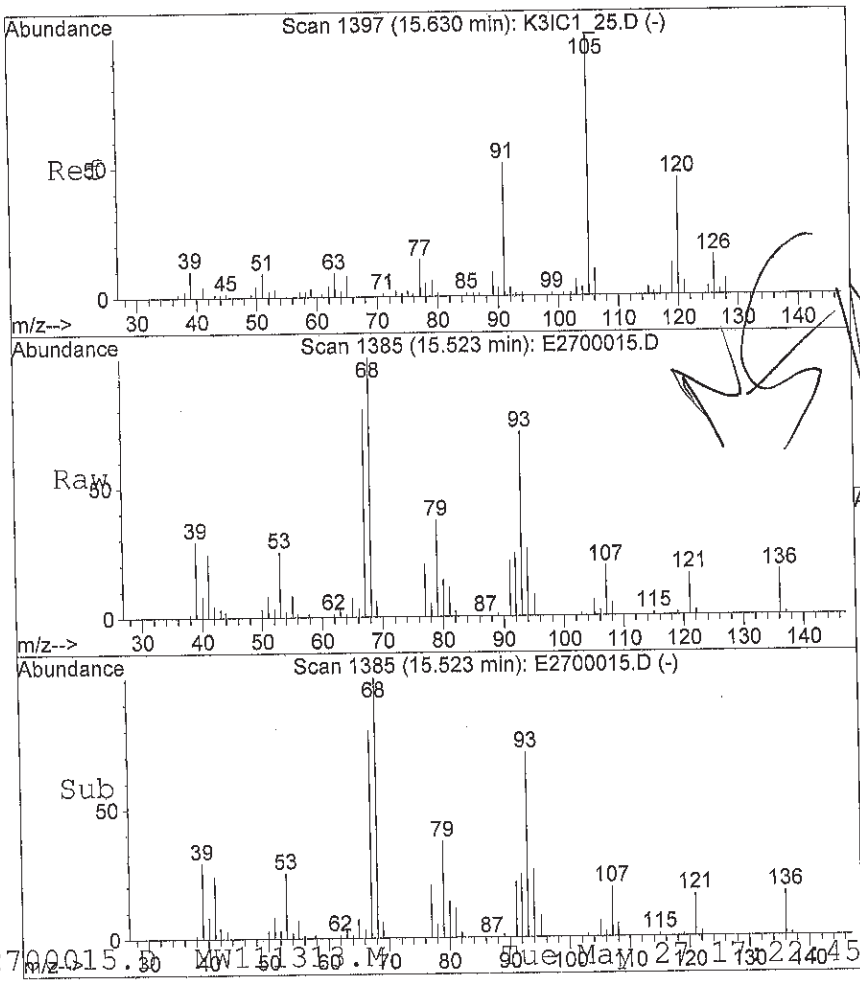


#63
2-Chlorotoluene
Concen: 6.09 ug/L
RT: 15.53 min Scan# 1386
Delta R.T. -0.08 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 91 Resp: 98841

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

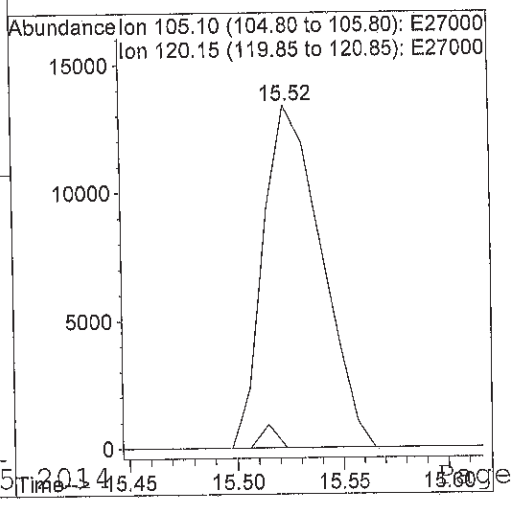


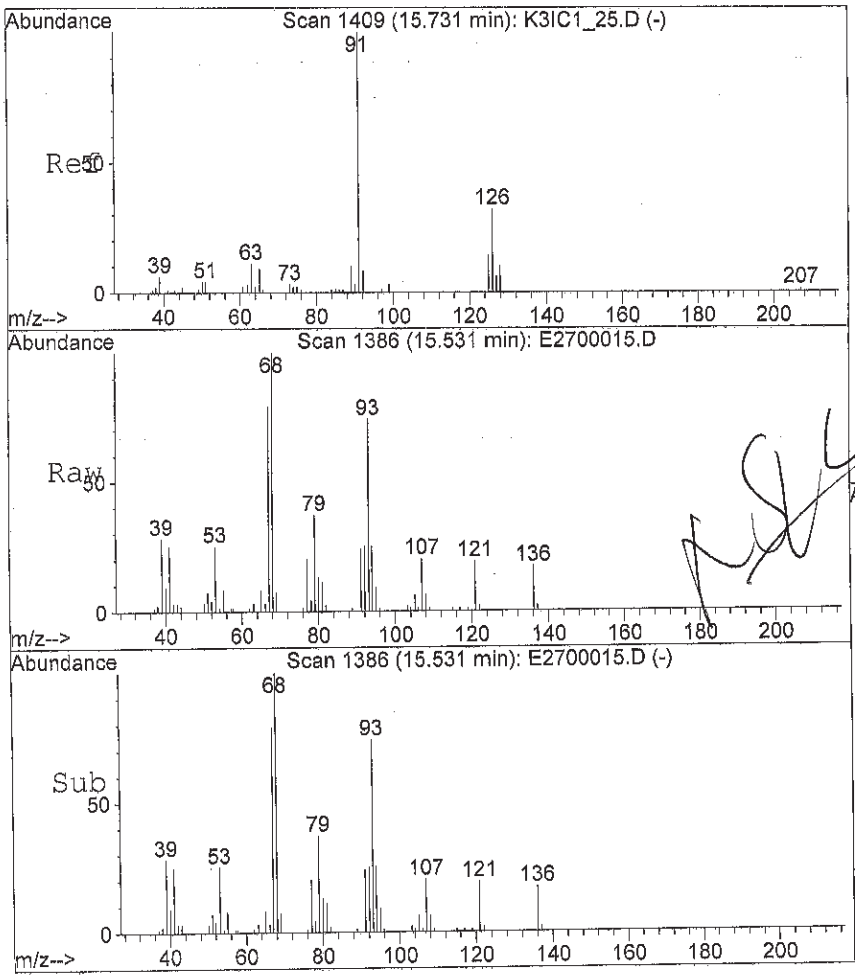


#64
1,3,5-Trimethylbenzene
Concen: 1.56 ug/L
RT: 15.52 min Scan# 1385
Delta R.T. -0.11 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion:105 Resp: 25396

Ion	Ratio	Lower	Upper
105	100		
120	1.8	36.4	54.6#

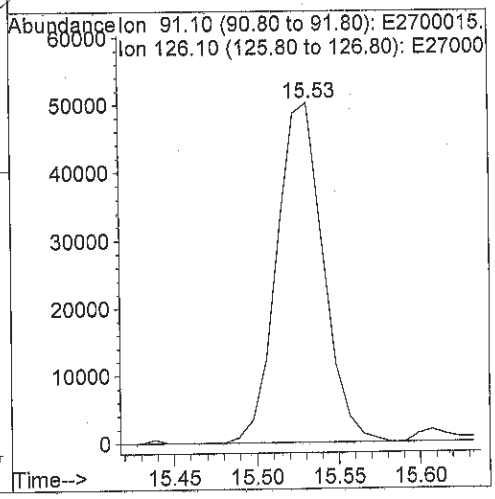


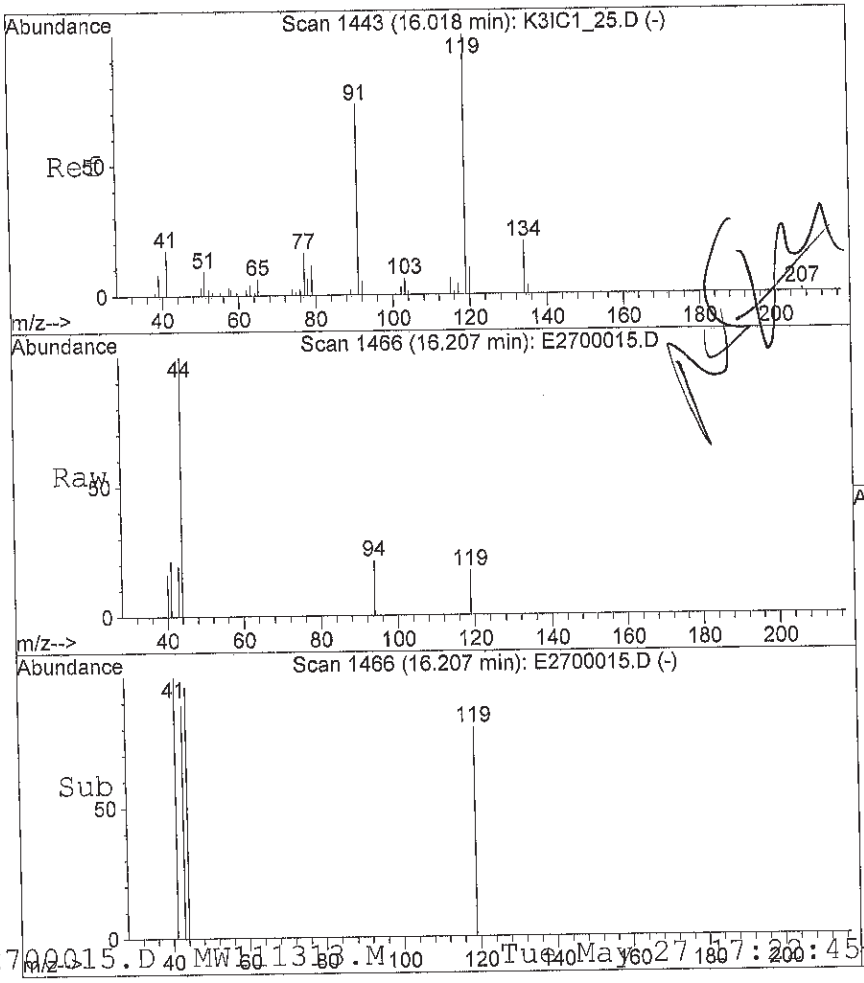


#65
4-Chlorotoluene
Concen: 6.59 ug/L
RT: 15.53 min Scan# 1386
Delta R.T. -0.20 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion: 91 Resp: 98841

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

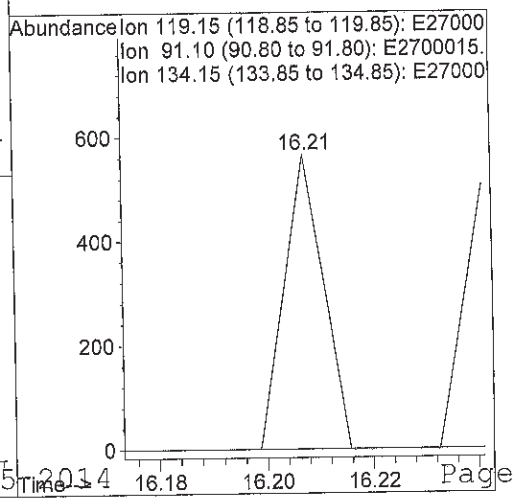


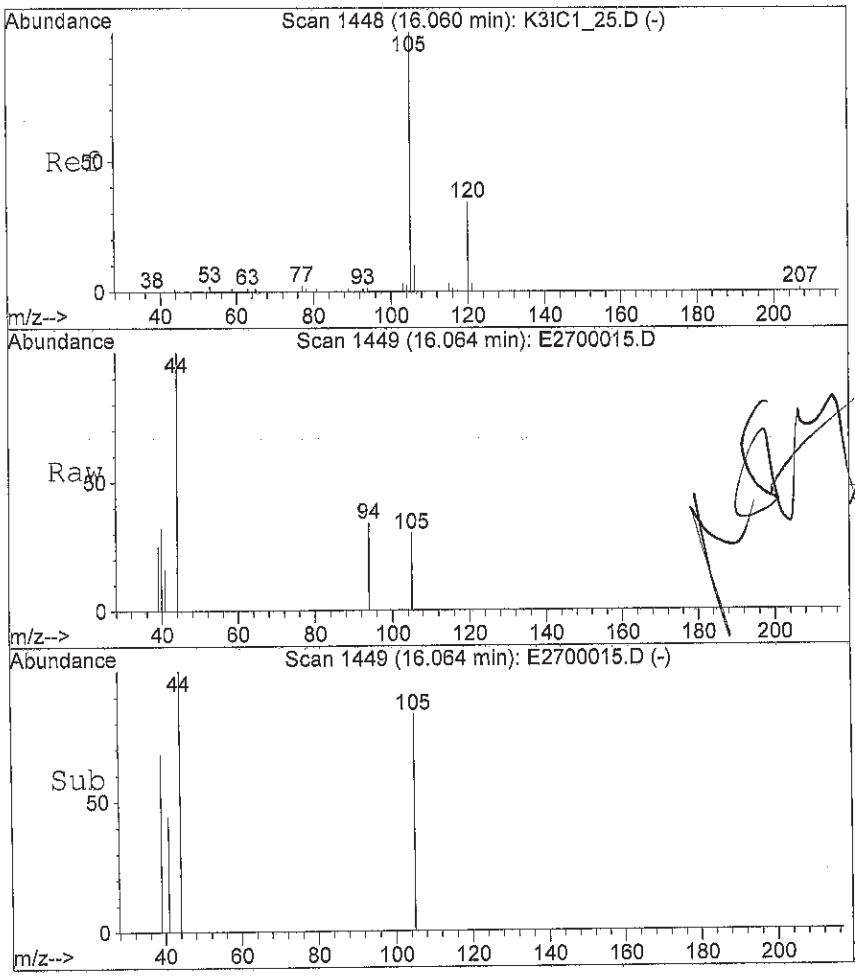


#66
tert-Butylbenzene
Concen: 0.02 ug/L
RT: 16.21 min Scan# 1466
Delta R.T. 0.19 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion:119 Resp: 287

Ion	Ratio	Lower	Upper
119	100		
91	0.0	56.3	84.5#
134	0.0	16.1	24.1#

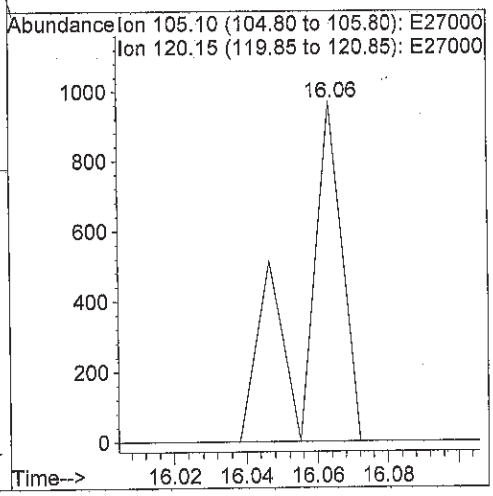


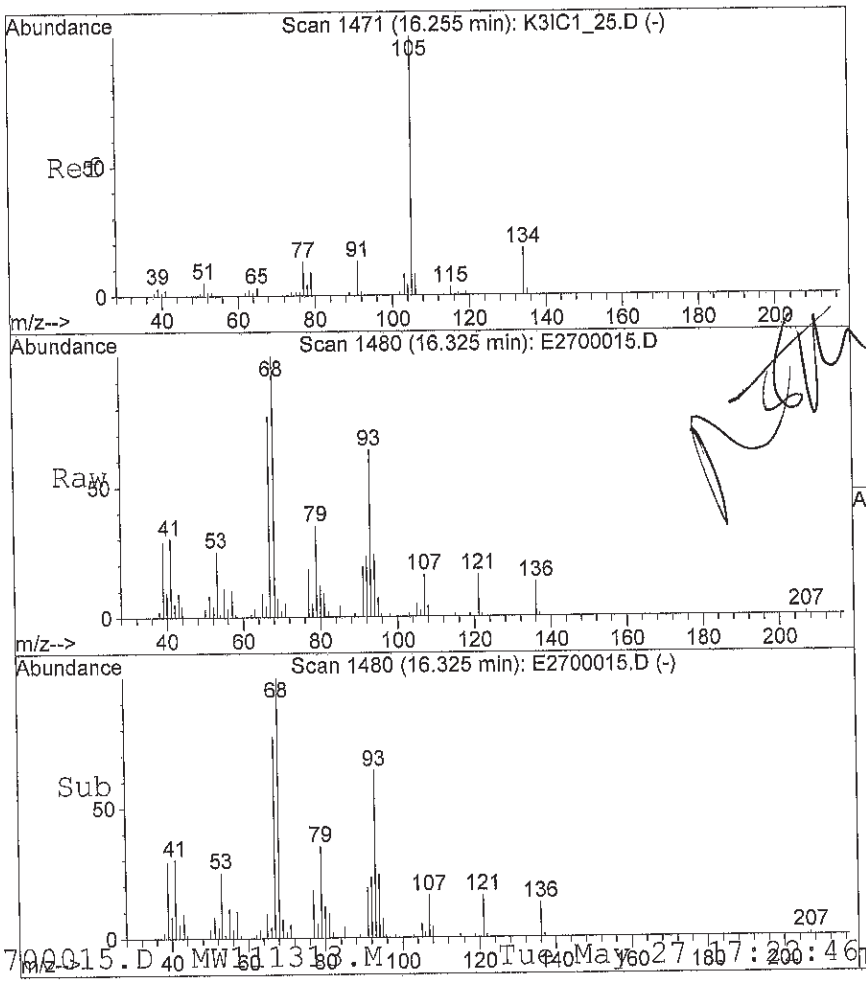


#67
1,2,4-Trimethylbenzene
Concen: 0.04 ug/L
RT: 16.06 min Scan# 1449
Delta R.T. 0.00 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion:105 Resp: 750

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

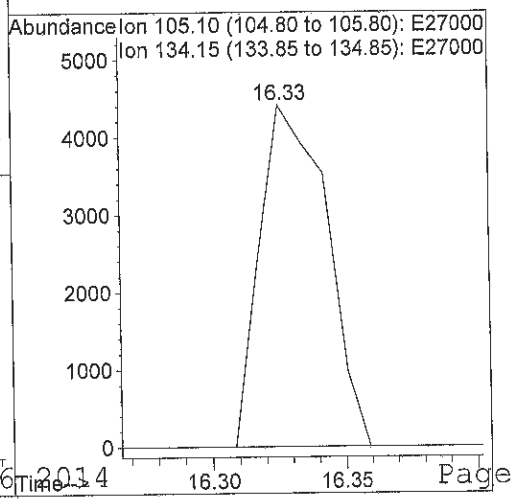


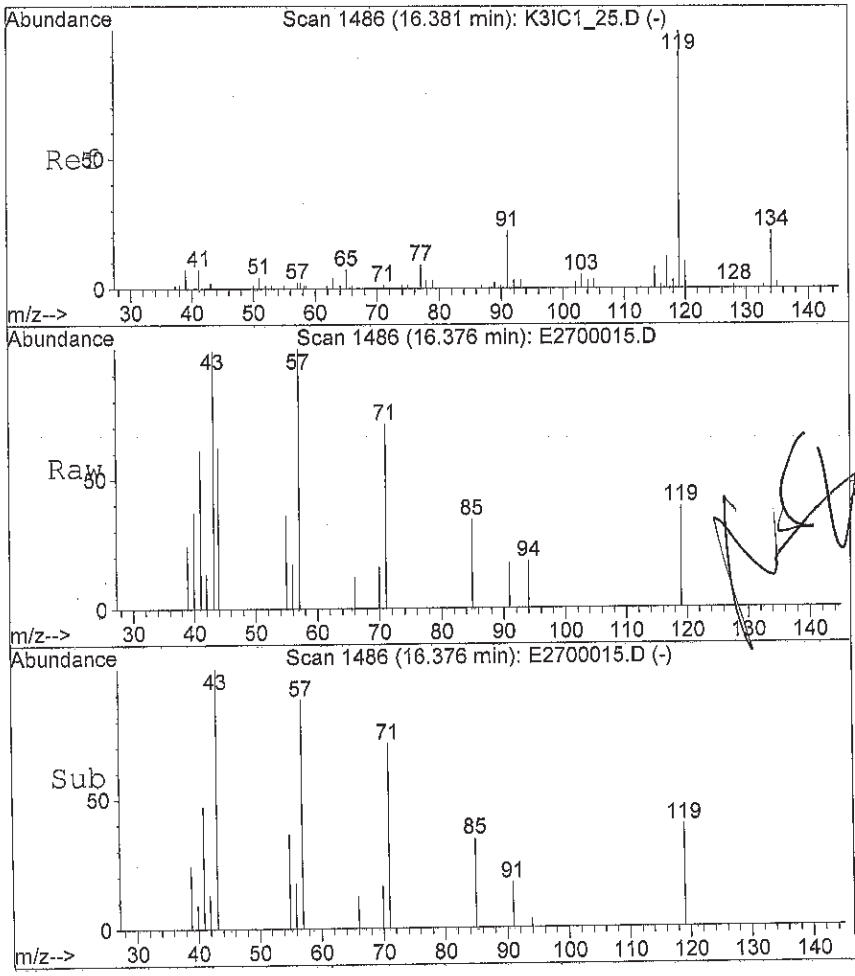


#68
sec-Butylbenzene
Concen: 0.35 ug/L
RT: 16.33 min Scan# 1480
Delta R.T. 0.07 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion:105 Resp: 7681

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

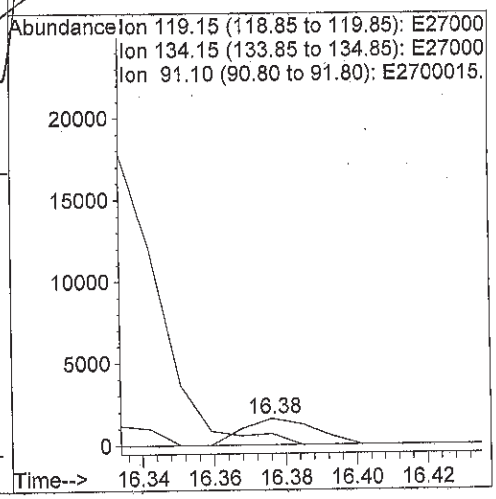


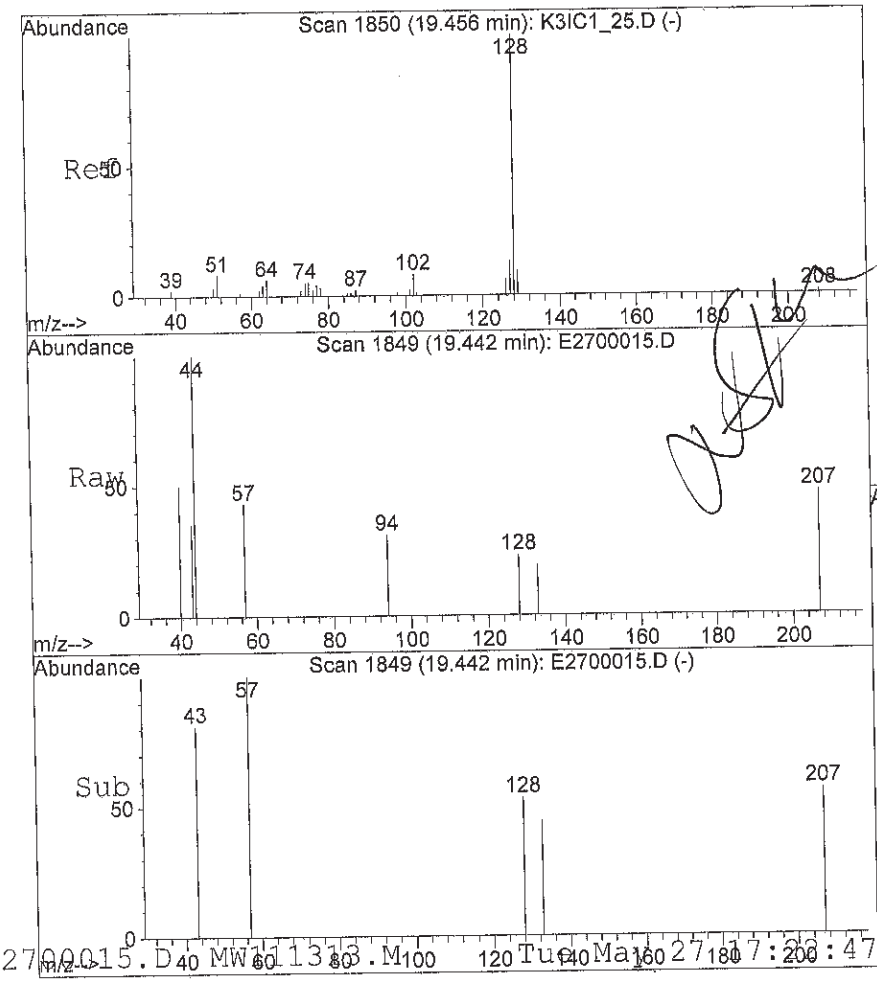


#69
p-Isopropyltoluene
Concen: 0.12 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.01 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion:119 Resp: 2194

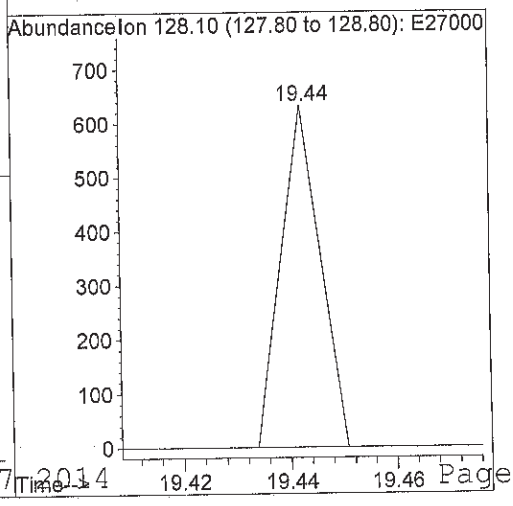
Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#





#77
Naphthalene
Concen: 0.02 ug/L
RT: 19.44 min Scan# 1849
Delta R.T. -0.01 min
Lab File: E2700015.D
Acq: 27 May 2014 5:01 pm

Tgt Ion:128 Resp: 320



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E2700015.D Vial: 6
Acq On : 27 May 2014 5:01 pm Operator: DN
Sample : 3E42701-12 Inst : GC/MS Ins
Misc : 100cc FB-052714 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 17:23 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1656895	12.50 ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.92	117	1256411	12.50 ug/L	0.00
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	652135	12.50 ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	464949	10.79 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 86.32%		
3) Chloroform-d (SU6)	9.19	84	770768	12.47 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 99.76%		
4) Methylene Chloride-d2 (SU5	7.08	86	437148	12.10 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 96.80%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	447485	15.20 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 121.60%		
6) Benzene-d6 (SU7)	9.93	84	1471764	11.32 ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 90.56%		
8) Toluene-d8 (SU3)	12.20	98	1465222	12.29 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 98.32%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	663833	13.49 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 107.92%		

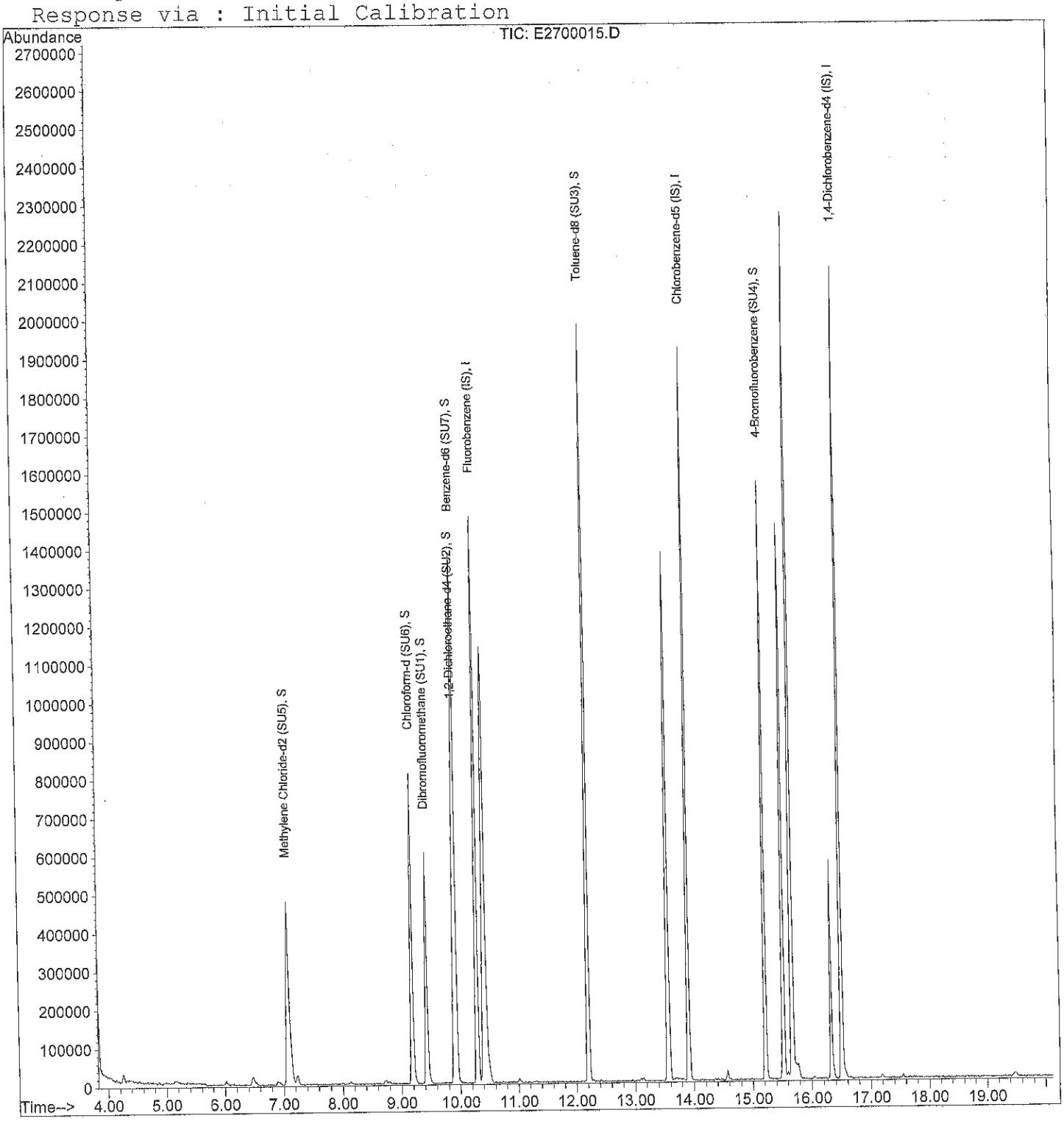
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E2700015.D Vial: 6
Acq On : 27 May 2014 5:01 pm Operator: DN
Sample : 3E42701-12 Inst : GC/MS Ins
Misc : 100cc FB-052714 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 27 17:23 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27LCS02.D
Acq On : 27 May 2014 5:30 pm
Sample : 34E2701-BSD1
Misc : 20cc 1.25/2.5/12.5 ug/L LCS
MS Integration Params: rteint.p
Quant Time: May 28 5:51 19114

Vial: 9
Operator: DN
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1665701	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1168708	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	574407	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	458494	11.04 ug/L	0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 88.32%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	424783	10.76 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 86.08%		
39) Toluene-d8 (SU3)	12.20	98	1410221	12.94 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 103.52%		
58) 4-Bromofluorobenzene (SU4)	15.22	95	606610	12.69 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 101.52%		

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.11	85	53781	1.32 ug/L	97
4) Chloromethane	4.47	50	38732	1.27 ug/L	98
5) Vinyl Chloride	4.60	62	37809	1.29 ug/L	68
6) Bromomethane	5.14	96	27612	1.33 ug/L	80
7) Chloroethane	5.29	64	18475	1.42 ug/L	89
8) (F11) Trichlorofluorometha	5.67	101	68573	1.50 ug/L	96
9) (F113) 1,1,2-Trichloro-tri	6.37	151	40377	1.23 ug/L	98
10) 1,1-Dichloroethene	6.44	96	53059	1.35 ug/L	93
11) Acetone	6.47	58	38951	-12.50 ug/L	88
12) (IPA) Leak Check Compound	6.54	45	120161	60.03 ug/L #	91
13) Carbon disulfide	6.86	76	186959	1.35 ug/L	98
14) Methylene Chloride	7.11	84	57273	1.25 ug/L	97
15) (TBA) tert-Butanol	7.10	59	2922	1.03 ug/L #	77
16) (MTBE) Methyl-t-butyl ethe	7.41	73	81779	0.87 ug/L	98
17) trans-1,2-Dichloroethene	7.48	96	58211	1.30 ug/L	98
18) 1,1-Dichloroethane	8.07	63	87135	1.16 ug/L	95
19) cis-1,2-Dichloroethene	8.84	96	60353	1.16 ug/L	92
21) (MEK) 2-Butanone	8.80	72	5349	1.14 ug/L #	46
22) (DIPE) Diisopropyl Ether	8.01	45	170804	1.31 ug/L	96
23) Bromochloromethane	9.18	128	21140	0.95 ug/L #	76
24) Chloroform	9.21	83	98150	1.12 ug/L	96
25) (ETBE) 2-ethoxy 2-methyl p	8.50	59	107454	0.89 ug/L #	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27LCS02.D Vial: 9
Acq On : 27 May 2014 5:30 pm Operator: DN
Sample : 34E2701-BSD1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 5:51 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) 1,1,1-Trichloroethane	10.28	97	73502	1.07 ug/L	97
27) (TAME) tert-Amyl methyl et	10.00	73	97840	0.93 ug/L	95
29) 1,1-Dichloropropene	9.69	75	72625	1.13 ug/L	98
30) Carbon Tetrachloride	13.89	117	73273	1.31 ug/L	100
31) Benzene	9.98	78	198081	1.26 ug/L	96
32) 1,2-Dichloroethane	10.00	62	60746	1.10 ug/L	94
33) Trichloroethene	10.74	130	62996	1.24 ug/L	95
34) 1,2-Dichloropropane	11.05	63	49457	1.32 ug/L	92
35) Dibromomethane	11.21	93	31824	1.09 ug/L	92
36) Bromodichloromethane	11.35	83	61712	1.05 ug/L	93
37) cis-1,3-Dichloropropene	11.87	75	54177	0.84 ug/L	95
40) (MIBK) 4-Methyl-2-Pentanon	12.12	43	7576	0.32 ug/L #	100
41) Toluene	12.29	91	197791	1.24 ug/L	98
42) trans-1,3-Dichloropropene	12.51	75	35878	0.68 ug/L #	80
43) 1,1,2-Trichloroethane	12.75	83	34086	1.19 ug/L #	84
44) Tetrachloroethene	12.94	164	51665	0.92 ug/L	96
45) 1,3-Dichloropropane	12.96	76	61499	1.12 ug/L	99
46) 2-Hexanone	12.97	43	25327	0.99 ug/L	93
47) Dibromochloromethane	13.25	129	47998	1.17 ug/L	97
48) 1,2-Dibromoethane	13.43	107	45468	1.22 ug/L	97
49) Chlorobenzene	13.95	112	138606	1.29 ug/L	97
50) 1,1,1,2-Tetrachloroethane	14.02	131	45416	1.19 ug/L	97
51) Ethylbenzene	14.03	91	235392	1.30 ug/L	99
52) m,p-Xylenes	14.15	106	167732	2.60 ug/L	96
53) o-Xylene	14.62	106	85291	1.34 ug/L	100
54) Styrene	14.63	104	131390	1.42 ug/L	98
55) Bromoform	14.91	173	25045	1.07 ug/L #	99
56) Isopropylbenzene	15.00	105	234772	1.35 ug/L	98
57) 1,2,3-Trichloropropane	15.42	75	52505	1.10 ug/L #	1
60) 1,1,2,2-Tetrachloroethane	15.34	83	47604	1.15 ug/L	97
61) Bromobenzene	15.44	156	57360	1.27 ug/L	93
62) n-Propylbenzene	15.45	91	282870	1.22 ug/L	100
63) 2-Chlorotoluene	15.61	91	179539	1.26 ug/L	98
64) 1,3,5-Trimethylbenzene	15.62	105	182512	1.28 ug/L	98
65) 4-Chlorotoluene	15.73	91	177981	1.35 ug/L	99
66) tert-Butylbenzene	16.01	119	150674	1.24 ug/L	92
67) 1,2,4-Trimethylbenzene	16.05	105	184246	1.23 ug/L	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052714L3\E27LCS02.D Vial: 9
Acq On : 27 May 2014 5:30 pm Operator: DN
Sample : 34E2701-BSD1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 5:51 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

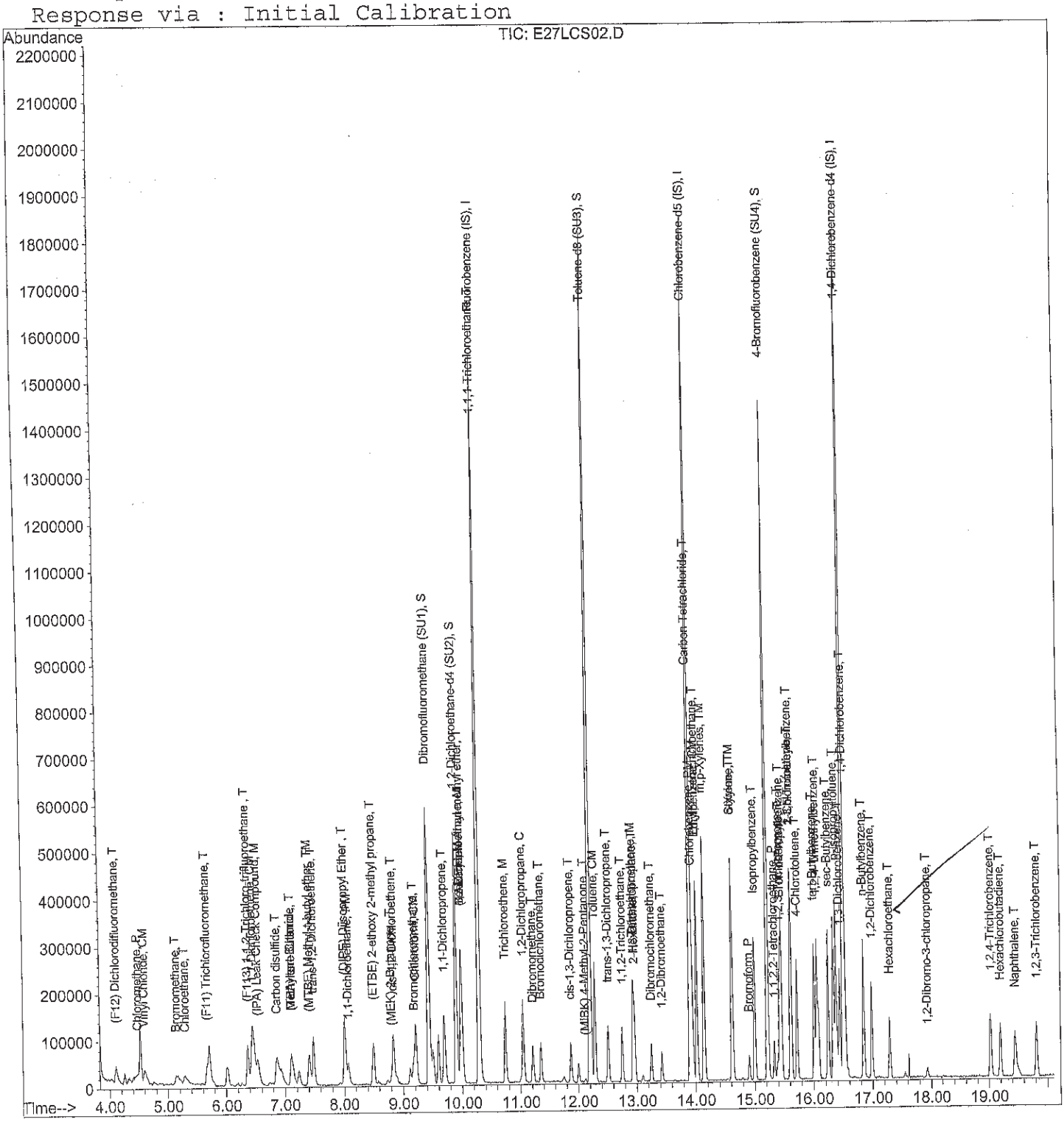
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68) sec-Butylbenzene	16.25	105	252641	1.31 ug/L	99
69) p-Isopropyltoluene	16.38	119	201958	1.29 ug/L	98
70) 1,3-Dichlorobenzene	16.44	146	111245	1.31 ug/L	97
71) 1,4-Dichlorobenzene	16.54	146	110130	1.30 ug/L	99
72) n-Butylbenzene	16.84	91	204884	1.24 ug/L	99
73) 1,2-Dichlorobenzene	16.98	146	103269	1.37 ug/L	94
74) 1,2-Dibromo-3-chloropropan	17.93	75	6325	1.03 ug/L	90
75) 1,2,4-Trichlorobenzene	19.03	180	59856	1.17 ug/L	99
76) Hexachlorobutadiene	19.20	225	29021	1.26 ug/L	93
77) Naphthalene	19.45	128	110614	0.97 ug/L	100
78) Hexachloroethane	17.29	201	19275	1.16 ug/L	87
79) 1,2,3-Trichlorobenzene	19.81	180	53347	1.10 ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052714L3\E27LCS02.D Vial: 9
Acq On : 27 May 2014 5:30 pm Operator: DN
Sample : 34E2701-BSD1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 5:51 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration



ENVIRONMENTAL SUPPORT TECHNOLOGIES

16510 Aston St. Irvine, CA 92606
Tel (949) 679-9500 Fax (949) 679-9501

www.est-inc.com

SOIL GAS SURVEY
SANTA SUSANA FIELD LABORATORY:
DEPARTMENT OF ENERGY
5800 WOOLSEY CANYON ROAD
CANOGA PARK, CA

LEVEL IV DATA PACKAGE

MWH AMERICAS
2121 NORTH CALIFORNIA BLVD.
SUITE 600
WALNUT CREEK, CA

EST2754
May 28, 2014

ENVIRONMENTAL SUPPORT TECHNOLOGIES

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8 Sample Log Sheet

9 Case Narrative

10 Raw Data for QC Samples and Initial Calibration, Duplicate Samples (DS)

11 Raw Data for QC Samples and Initial Calibration, Laboratory Control Samples (LCS)

12 Raw Data for QC Samples and Initial Calibration, Blank

13 Raw Data for Analyzed Samples Including Chromatograms, Quantitation Reports and Spectra

CHAIN-OF-CUSTODY

CHAIN-OF-CUSTODY RECORD

Environmental Support Technologies
16510 Aston St., Irvine, CA 92606 · Tel (949) 679-9500 · Fax (949) 679-9501

Client: MWH Americas
Address: 250 North Madison Avenue
Pasadena, Ca
Project Manager: Sarah Von Raesfield

Sampler Name: Ashley Flores
EST Project#: EST2754
Site Location: SSFL
Phone: ( )

Page: 1 of 1
Custody Seals:
Email:

Turnaround Time:
(Check one)

Normal:

Rush: X

Sample Receipt

Intact: Yes: X No:

On Ice: Yes: No: X N/A

Custody Seals: Yes: No: X

N/A (Received on Site):

Sample Name	Sample Matrix	Container Type	# of Container	Sampling Date	Sampling Time	Preservative Type	Purge Volume (ml)	Vacuum (inches of H_2O)	8260B VOC's 0.02 RL						Special Instructions
Equipment Blank	Air	Glass Bulb	1	5/28/2014	800	Surr			X						Bulb # 8
SVL-515-SA5D-SV-5.0-6.0	Air	Glass Bulb	1	5/28/2014	816	Surr			X						Bulb # 3
SVL-815-SA5D-SV-5.0-6.0	Air	Glass Bulb	1	5/28/2014	816	Surr			X						Bulb # 10
SVL-515-SA5D-SV-12.5-13.8	Air	Glass Bulb	1	5/28/2014	857	Surr			X						Bulb # 13
SVL-511-SA5D-SV-4.5-5.5	Air	Glass Bulb	1	5/28/2014	946	Surr			X						Bulb # 11
SVL-511-SA5D-SV-9.5-10.5	Air	Glass Bulb	1	5/28/2014	1019	Surr			X						Bulb # 12
SVL-516-SA5D-SV-6.0-7.0	Air	Glass Bulb	1	5/28/2014	1055	Surr			X						Bulb # 5
SVL-516-SA5D-SV-14.0-15.0	Air	Glass Bulb	1	5/28/2014	1126	Surr			X						Bulb # 6
SVL-510-SA5D-SV-7.5-8.5	Air	Glass Bulb	1	5/28/2014	1250	Surr			X						Bulb # 9
SVL-544-SA5D-SV-4.5-5.5	Air	Glass Bulb	1	5/28/2014	1325	Surr			X						Bulb # 1
FB-052814	Air	Glass Bulb	1	5/28/2014	1356	Surr			X						Bulb # 7

Relinquished by: (Signature)	Date/Time: 05/28/14	Received by:	Date/Time:
Relinquished by: (Signature)	Date/Time:	Received by:	Date/Time:

SAMPLE RESULTS WITH ANALYSIS AND EXTRACTIONS PREPARATION DATES

June 0q, 2013

Sarah Von Raesfield
MWH Americas, Inc.
250 No. Madison Avenue
Pasadena, CA 91107

RE: Santa Susana Field Laboratory, Canoga Park

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 05/24/13 13:31. The analyses 6 ere performed according to the prescribed method as outlined by EPA 42w08. A shut in test 6 as performed, leak test 6 as performed, eBuipment blank 6 as run, and selected purge volume 6 as qPV. If you have any Buestions concerning this report, please feel free to contact Project Manager.

Sincerely,

Ashley Flores

Ashley Flores
Project Manager

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 277q, and 27w7.

1w510 Aston Street, Irvine, California 92w0w
Telephone: (939) w79-9500 Fax: (939) w79-9501

MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Analyzed
EBuipment 8 lank	qE32401-01	Air	24-May-13 04:00	24-May-13 04:1q
SVL-515-SA5D-SV-5.0-w.0	qE32401-02	Air	24-May-13 04:1w	24-May-13 04:37
SVL-415-SA5D-SV-5.0-w.0	qE32401-0q	Air	24-May-13 04:1w	24-May-13 09:39
SVL-515-SA5D-SV-12.5-1q.4	qE32401-03	Air	24-May-13 04:57	24-May-13 10:19
SVL-511-SA5D-SV-3.5-5.5	qE32401-05	Air	24-May-13 09:3w	24-May-13 10:37
SVL-511-SA5D-SV-9.5-10.5	qE32401-0w	Air	24-May-13 10:19	24-May-13 11:14
SVL-51w-SA5D-SV-w.0-7.0	qE32401-07	Air	24-May-13 10:55	24-May-13 11:37
SVL-51w-SA5D-SV-13.5-15.0	qE32401-04	Air	24-May-13 11:2w	24-May-13 12:1w
SVL-510-SA5D-SV-7.5-4.5	qE32401-09	Air	24-May-13 12:50	24-May-13 1q:13
SVL-533SA5D-SV-3.5-5.5	qE32401-10	Air	24-May-13 1q:25	24-May-13 1q:50
F8 -052413	qE32401-11	Air	24-May-13 1q:5w	24-May-13 13:19

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1w510 Aston Street, Irvine, California 92w0w
Telephone: (939) w79-9500 Fax: (939) w79-9501

MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
Equipment Blank (3E42701-01) Air Sampled: 05/27/14 07:00 Analyzed: 05/27/14 07:13									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	ND	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*90.9 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene7d9		*D9.8 1*	*0%75-%*		"	"	"	"	
2urroSateg 876romofluorobenzene		*54B 1*	*0%75-%*		"	"	"	"	
2urroSateg 6 enzene7dB		*9-.- 1*	*047584*		"	"	"	"	
2urroSateg Chloroform7d		*9D- 1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride7d-		*9B.4 1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-515-SA5D-SV-590-. 90 (3E42701-02) Air Sampled: 05/27/14 07:1. Analyzed: 05/27/14 07:46									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**090052**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*D8.- 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene7d9		*D8.%1*	*0%75-%*		"	"	"	"	
2urroSateg 876romofluorobenzene		*540 1*	*0%75-%*		"	"	"	"	
2urroSateg 6 enzene7dB		*D5.B 1*	*047584*		"	"	"	"	
2urroSateg Chloroform7d		*548 1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride7d-		*544 1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-715-SA5D-SV-59 0-. 9 0 (3E42701-03) Air Sampled: 05/27/14 07:1. Analyzed: 05/27/14 08:48									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**09 0064**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*D8.8 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene 7d9		*D9.5 1*	*0%75-%*		"	"	"	"	
2urroSateg 876 romofluorobenzene		*554 1*	*0%75-%*		"	"	"	"	
2urroSateg 6 enzene 7dB		*9D8 1*	*047584*		"	"	"	"	
2urroSateg Chloroform 7d		*544 1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride 7d-		*D%4 1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-515-SA5D-SV-1295-1397 (3E42701-04) Air Sampled: 05/27/14 07:56 Analyzed: 05/27/14 10:18									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**09007.**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	**09027**	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**09055**	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*9D9 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene7d9		*D0.3 1*	*0%75-%*		"	"	"	"	
2urroSateg876romofluorobenzene		*54D1*	*0%75-%*		"	"	"	"	
2urroSateg6enzene7dB		*90.4 1*	*047584*		"	"	"	"	
2urroSateg Chloroform7d		*D0.4 1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride7d-		*D8.%l*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-511-SA5D-SV-49-5-59 (3E42701-05) Air Sampled: 05/27/14 08:4. Analyzed: 05/27/14 10:46									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	ND	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*D5.0 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene7d9		*DB.4 1*	*0%75-%*		"	"	"	"	
2urroSateg 876romofluorobenzene		*54%1*	*0%75-%*		"	"	"	"	
2urroSateg 6 enzene7dB		*9B.3 1*	*047584*		"	"	"	"	
2urroSateg Chloroform7d		*D%4 1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride7d-		*D8.D1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-511-SA5D-SV-895-1095 (3E42701-0.) Air Sampled: 05/27/14 10:18 Analyzed: 05/27/14 11:17									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	ND	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*D4.B 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene7d9		*DB.0 1*	*0%75-%*		"	"	"	"	
2urroSateg 876romofluorobenzene		*54%1*	*0%75-%*		"	"	"	"	
2urroSateg 6 enzene7dB		*95.4 1*	*047584*		"	"	"	"	
2urroSateg Chloroform7d		*9B.0 1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride7d-		*9B.B 1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-51. -SA5D-SV-. 90-690 (3E42701-06) Air Sampled: 05/27/14 10:55 Analyzed: 05/27/14 11:46									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	ND	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*9D0 1*	*0%75-%*		"	"	"	"	
2urroSategToluene7d9		*DB.5 1*	*0%75-%*		"	"	"	"	
2urroSateg876romofluorobenzene		*54%1*	*0%75-%*		"	"	"	"	
2urroSateg6enzene7dB		*93.5 1*	*047584*		"	"	"	"	
2urroSategChloroform7d		*9D5 1*	*047584*		"	"	"	"	
2urroSategMethylene chloride7d-		*9D8 1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-51. -SA5D-SV-1495-1590 (3E42701-07) Air Sampled: 05/27/14 11:2. Analyzed: 05/27/14 12:1.									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	**09024**	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**09004.**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*D-.B 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene7d9		*D%D1*	*0%75-%*		"	"	"	"	
2urroSateg 876romofluorobenzene		*55- 1*	*0%75-%*		"	"	"	"	
2urroSateg 6 enzene7dB		*99.4 1*	*047584*		"	"	"	"	
2urroSateg Chloroform7d		*D-.3 1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride7d-		*D8.- 1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-510-SA5D-SV-695-795 (3E42701-08) Air Sampled: 05/27/14 12:50 Analyzed: 05/27/14 13:14									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	**0.024**	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.0077**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*90.5 1*		*0%75-%*		*"*	*"*	*"*	
2urroSateg Toluene7d9		*D%- 1*		*0%75-%*		*"*	*"*	*"*	
2urroSateg876romofluorobenzene		*54B 1*		*0%75-%*		*"*	*"*	*"*	
2urroSateg6enzene7dB		*93.5 1*		*047584*		*"*	*"*	*"*	
2urroSateg Chloroform7d		*99.%1*		*047584*		*"*	*"*	*"*	
2urroSateg Methylene chloride7d-		*9B.8 1*		*047584*		*"*	*"*	*"*	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
SVL-544SA5D-SV-49-59 (3E42701-10) Air Sampled: 05/27/14 13:25 Analyzed: 05/27/14 13:50									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	**0.018**	0.020	"	"	"	"	"	"	J
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	**0.028**	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	**0.052**	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**0.060**	0.020	"	"	"	"	"	"	
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*D5.- 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene7d9		*D%9 1*	*0%75-%*		"	"	"	"	
2urroSateg 876romofluorobenzene		*549 1*	*0%75-%*		"	"	"	"	
2urroSateg 6 enzene7dB		*9D9 1*	*047584*		"	"	"	"	
2urroSateg Chloroform7d		*DB.D1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride7d-		*D%9 1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Dilution	8 atch	Prepared	Analyzed	Method	Notes
FB-052714 (3E42701-11) Air Sampled: 05/27/14 13:5. Analyzed: 05/27/14 14:18									
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l	1	q3E2401	05/24/13	05/24/13	EPA 42w08	
1,1,1-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.020	"	"	"	"	"	"	
1,1,2-Trichloro-trifluoroethane	**09016**	0.020	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.020	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.020	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.020	"	"	"	"	"	"	
8 enzene	ND	0.020	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.020	"	"	"	"	"	"	
Chloroethane	ND	0.020	"	"	"	"	"	"	
Chloroform	ND	0.020	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.020	"	"	"	"	"	"	
Ethylbenzene	ND	0.020	"	"	"	"	"	"	
Methylene Chloride	ND	0.020	"	"	"	"	"	"	
ortho-Xylene	ND	0.020	"	"	"	"	"	"	
meta- and para-Xylenes	ND	0.020	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.020	"	"	"	"	"	"	
Tetrachloroethene	ND	0.020	"	"	"	"	"	"	
Toluene	**090070**	0.020	"	"	"	"	"	"	J
Trichloroethene	ND	0.020	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.020	"	"	"	"	"	"	
Vinyl Chloride	ND	0.020	"	"	"	"	"	"	
2urroSateg: ibromofluoromethane		*D-.0 1*	*0%75-%*		"	"	"	"	
2urroSateg Toluene7d9		*D0.%1*	*0%75-%*		"	"	"	"	
2urroSateg 876romofluorobenzene		*554 1*	*0%75-%*		"	"	"	"	
2urroSateg 6enzene7dB		*9D3 1*	*047584*		"	"	"	"	
2urroSateg Chloroform7d		*DB.- 1*	*047584*		"	"	"	"	
2urroSateg Methylene chloride7d-		*D%9 1*	*047584*		"	"	"	"	

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 34E2701 - Volatiles										
Blank (34E2701-BLK1)				Prepared & Analyzed: 05/24/13						
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l							
1,1,1-Trichloroethane	ND	0.020	"							
1,1,2,2-Tetrachloroethane	ND	0.020	"							
1,1,2-Trichloro-trifluoroethane	ND	0.020	"							
1,1,2-Trichloroethane	ND	0.020	"							
1,1-Dichloroethane	ND	0.020	"							
1,1-Dichloroethene	ND	0.020	"							
1,2-Dichloroethane	ND	0.020	"							
8 enzene	ND	0.020	"							
cis-1,2-Dichloroethene	ND	0.020	"							
Carbon tetrachloride	ND	0.020	"							
Chloroethane	ND	0.020	"							
Chloroform	ND	0.020	"							
Dichlorodifluoromethane	ND	0.020	"							
Ethylbenzene	ND	0.020	"							
Methylene Chloride	ND	0.020	"							
ortho-Xylene	ND	0.020	"							
meta- and para-Xylenes	ND	0.020	"							
trans-1,2-Dichloroethene	ND	0.020	"							
Tetrachloroethene	ND	0.020	"							
Toluene	0.01q0	0.020	"							J
Trichloroethene	ND	0.020	"							
Trichlorofluoromethane	ND	0.020	"							
Vinyl Chloride	ND	0.020	"							
2urroSateg: ibromofluoromethane	*-.-3*		*"*	*-.%4*		*9D.4*	*0%75-%*			
2urroSategToluene7d9	*-.88*		*"*	*-.%4*		*D0.0*	*0%75-%*			
2urroSateg876romofluorobenzene	*-.B9*		*"*	*-.%4*		*540*	*0%75-%*			
2urroSateg6enzene7dB	*-.4D*		*"*	*-.%4*		*93.B*	*047584*			
2urroSategChloroform7d	*-.-4*		*"*	*-.%4*		*99.5*	*047584*			
2urroSategMethylene chloride7d-	*-.59*		*"*	*-.%4*		*90.3*	*047584*			

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 34E2701 - Volatiles										
LCS (34E2701-BS1)				Prepared & Analyzed: 05/24/13						
1,1,1,2-Tetrachloroethane	1.25	0.020	ug/l	1.25		100	75-1qw			
1,1,1-Trichloroethane	1.1w	0.020	"	1.25		92.4	7q-1q3			
1,1,2,2-Tetrachloroethane	1.75	0.020	"	1.25		130	5w-139			
1,1,2-Trichloro-trifluoroethane	1.24	0.020	"	1.25		102	4q-125			
1,1,2-Trichloroethane	1.q9	0.020	"	1.25		111	w7-1q7			
1,1-Dichloroethane	1.14	0.020	"	1.25		93.3	40-121			
1,1-Dichloroethene	1.31	0.020	"	1.25		11q	7q-1q7			
1,2-Dichloroethane	1.1w	0.020	"	1.25		92.4	75-1q1			
8 enzene	1.27	0.020	"	1.25		102	79-114			
cis-1,2-Dichloroethene	1.19	0.020	"	1.25		95.2	45-11w			
Carbon tetrachloride	1.q7	0.020	"	1.25		110	73-13q			
Chloroethane	1.3q	0.020	"	1.25		113	w0-1q7			
Chloroform	1.2q	0.020	"	1.25		94.3	42-130			
Dichlorodifluoromethane	1.q4	0.020	"	1.25		110	37-129			
Ethylbenzene	1.q2	0.020	"	1.25		10w	4q-125			
Methylene Chloride	1.q7	0.020	"	1.25		110	41-12w			
ortho-Xylene	1.q0	0.020	"	1.25		103	45-115			
meta- and para-Xylenes	2.71	0.020	"	2.50		104	4q-115			
trans-1,2-Dichloroethene	1.30	0.020	"	1.25		112	72-1qq			
Tetrachloroethene	1.1w	0.020	"	1.25		92.4	w0-133			
Toluene	1.q1	0.020	"	1.25		105	70-115			
Trichloroethene	1.27	0.020	"	1.25		102	w4-1q2			
Trichlorofluoromethane	1.32	0.020	"	1.25		113	w2-133			
Vinyl Chloride	1.32	0.020	"	1.25		113	ww-1q7			
2urroSateg: ibromofluoromethane	*55.3*		*"*	*5-.%*		*D4.5*	*0%75-%*			
2urroSateg Toluene7d9	*5-.D*		*"*	*5-.%*		*543*	*0%75-%*			
2urroSateg876romofluorobenzene	*5-.0*		*"*	*5-.%*		*545*	*0%75-%*			

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 34E2701 - Volatiles										
LCS Dup (34E2701-BSD1)				Prepared & Analyzed: 05/24/13						
1,1,1,2-Tetrachloroethane	1.07	0.020	ug/l	1.25		45.w	75-1qw	15.5	20	
1,1,1-Trichloroethane	1.1w	0.020	"	1.25		92.4	7q-1q3	0.00	20	
1,1,2,2-Tetrachloroethane	1.1w	0.020	"	1.25		92.4	5w-139	30.5	20	QR-03
1,1,2-Trichloro-trifluoroethane	1.27	0.020	"	1.25		102	4q-125	0.743	20	
1,1,2-Trichloroethane	1.22	0.020	"	1.25		97.w	w7-1q7	1q.0	20	
1,1-Dichloroethane	1.22	0.020	"	1.25		97.w	40-121	q.qq	20	
1,1-Dichloroethene	1.2w	0.020	"	1.25		101	7q-1q7	11.2	20	
1,2-Dichloroethane	1.15	0.020	"	1.25		92.0	75-1q1	0.4ww	20	
8enzene	1.25	0.020	"	1.25		100	79-114	1.59	20	
cis-1,2-Dichloroethene	1.23	0.020	"	1.25		99.2	45-11w	3.12	20	
Carbon tetrachloride	1.39	0.020	"	1.25		119	73-13q	4.q9	20	
Chloroethane	1.q7	0.020	"	1.25		110	w0-1q7	3.29	20	
Chloroform	1.21	0.020	"	1.25		9w.4	42-130	1.w3	20	
Dichlorodifluoromethane	1.q5	0.020	"	1.25		104	37-129	2.20	20	
Ethylbenzene	1.2q	0.020	"	1.25		94.3	4q-125	7.0w	20	
Methylene Chloride	1.q0	0.020	"	1.25		103	41-12w	5.23	20	
ortho-Xylene	1.2q	0.020	"	1.25		94.3	45-115	5.5q	20	
meta- and para-Xylenes	2.w0	0.020	"	2.50		103	4q-115	3.13	20	
trans-1,2-Dichloroethene	1.qw	0.020	"	1.25		109	72-1qq	2.90	20	
Tetrachloroethene	1.11	0.020	"	1.25		44.4	w0-133	3.31	20	
Toluene	1.20	0.020	"	1.25		9w.0	70-115	4.7w	20	
Trichloroethene	1.2w	0.020	"	1.25		101	w4-1q2	0.791	20	
Trichlorofluoromethane	1.39	0.020	"	1.25		119	w2-133	3.41	20	
Vinyl Chloride	1.qq	0.020	"	1.25		10w	ww-1q7	w.55	20	
2urroSateg: ibromofluoromethane	*55.B*		*"*	*5-.%*		*D.0*	*0%75-%*			
2urroSateg Toluene7d9	*5-.8*		*"*	*5-.%*		*DD.8*	*0%75-%*			
2urroSateg876romofluorobenzene	*5-.%*		*"*	*5-.%*		*DD.D*	*0%75-%*			

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MWH Americas, Inc. 250 No. Madison Avenue Pasadena, CA 91107	Project: Santa Susana Field Laboratory, Canoga Park Project Number: EST2753 Project Manager: Sarah Von Raesfield	**Reported:** 0q-Jun-13 13:5q

Volatile Organic Compounds - Quality Control

Environmental Support Technologies

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 34E2701 - Volatiles										
Duplicate (34E2701-DUP1)		**Source: 3E42701-02**		Prepared & Analyzed: 05/24/13						
1,1,1,2-Tetrachloroethane	ND	0.020	ug/l		ND				50	
1,1,1-Trichloroethane	ND	0.020	"		ND				50	
1,1,2,2-Tetrachloroethane	ND	0.020	"		ND				50	
1,1,2-Trichloro-trifluoroethane	ND	0.020	"		ND				50	
1,1,2-Trichloroethane	ND	0.020	"		ND				50	
1,1-Dichloroethane	ND	0.020	"		ND				50	
1,1-Dichloroethene	ND	0.020	"		ND				50	
1,2-Dichloroethane	ND	0.020	"		ND				50	
8 enzene	ND	0.020	"		ND				50	
cis-1,2-Dichloroethene	ND	0.020	"		ND				50	
Carbon tetrachloride	ND	0.020	"		ND				50	
Chloroethane	ND	0.020	"		ND				50	
Chloroform	ND	0.020	"		ND				50	
Dichlorodifluoromethane	ND	0.020	"		ND				50	
Ethylbenzene	0.00q20	0.020	"		ND				50	J
Methylene Chloride	ND	0.020	"		ND				50	
ortho-Xylene	ND	0.020	"		ND				50	
meta- and para-Xylenes	ND	0.020	"		ND				50	
trans-1,2-Dichloroethene	ND	0.020	"		ND				50	
Tetrachloroethene	ND	0.020	"		ND				50	
Toluene	0.00500	0.020	"		0.00520			q.92	50	J
Trichloroethene	ND	0.020	"		ND				50	
Trichlorofluoromethane	ND	0.020	"		ND				50	
Vinyl Chloride	ND	0.020	"		ND				50	
2urroSateg: ibromofluoromethane	*-.-0*		*"*	*-.%4*		*D5.4*	*0%75-%*			
2urroSateg Toluene7d9	*-.85*		*"*	*-.%4*		*DB.8*	*0%75-%*			
2urroSateg 876romofluorobenzene	*-.05*		*"*	*-.%4*		*54D*	*0%75-%*			
2urroSateg 6 enzene7dB	*-.-9*		*"*	*-.%4*		*D5.8*	*047584*			
2urroSateg Chloroform7d	*-.%5*		*"*	*-.%4*		*544*	*047584*			
2urroSateg Methylene chloride7d-	*-.80*		*"*	*-.%4*		*D9.D*	*047584*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Notes and Definitions

QR-03	The RPD result for this analyte in the sample exceeded the QC control limits; ho6 ever, the RPD for other analytes 6 ere 6 ithin the QC control limits.
J	Detected but belo6 the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry 6 eight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMARY OF INITIAL CALIBRATION

Rerun sample @ 5ppb @ Most.

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:24:09 2013
Response via : Initial Calibration

Calibration Files
1 =K3IC00_1.D 2 =K3IC0_25.D 3 =K07LCS01.D
4 =K3IC1_25.D 5 =K3IC02_5.D 6 =K3IC12_5.D

		Compound	1	2	3	4	5	6	Avg	%RSD	
1)	I	Fluorobenzene (IS)	----------ISTD----------								
2)	S	Dibromofluoromethan	0.311	0.300	0.318	0.319	0.312	0.311	0.312	2.10	
3)	T	(F12) Dichlorodiflu	0.320	0.284	0.302	0.292	0.321	0.321	0.307	5.36	
4)	P	Chloromethane	0.422	0.302	0.293	0.219	0.221	0.212	0.278	29.02	Linear
5)	CM	Vinyl Chloride	0.276	0.224	0.211	0.207	0.207	0.199	0.221	12.88	
6)	T	Bromomethane	0.338	0.225	0.179	0.162	0.150	0.139	0.199	37.55	Linear
7)	T	Chloroethane	0.030	0.106	0.066	0.102	0.098	0.089	0.082	35.53	Quadratic
8)	T	(F11) Trichlorofluo	0.379	0.365	0.327	0.337	0.323	0.326	0.343	6.87	
9)	T	(F113) 1,1,2-Trichl	0.291	0.221	0.227	0.267	0.239	0.229	0.246	11.15	
10)	CM	1,1-Dichloroethene	0.277	0.287	0.322	0.307	0.291	0.286	0.295	5.61	
11)	T	Acetone	0.267	0.136	0.115	0.061	0.051	0.016	0.108	82.94	Quadratic
12)	M	(IPA) Leak Check Co	0.012	0.022	0.014	0.013	0.014	0.016	0.015	27.59	
13)	T	Carbon disulfide	1.178	1.037	1.080	1.042	0.958	0.941	1.039	8.28	
14)	T	Methylene Chloride	0.418	0.313	0.349	0.339	0.327	0.314	0.343	11.47	
15)		(TBA) tert-Butanol	0.022	0.019	0.027	0.022	0.018	0.020	0.021	16.39	
16)	TM	(MTBE) Methyl-t-but	0.789	0.678	0.760	0.729	0.655	0.638	0.708	8.56	
17)	T	trans-1,2-Dichloroe	0.331	0.360	0.342	0.357	0.310	0.318	0.336	6.07	
18)	PM	1,1-Dichloroethane	0.582	0.580	0.586	0.585	0.521	0.518	0.562	5.90	
19)	T	cis-1,2-Dichloroeth	0.442	0.415	0.416	0.387	0.339	0.345	0.390	10.66	
20)	T	2,2-Dichloropropane	0.561	0.489	0.520	0.497	0.440	0.435	0.490	9.80	
21)	T	(MEK) 2-Butanone	0.036	0.041	0.042	0.021	0.440	0.435	0.035	26.97	Not in use.
22)	T	(DIPE) Diisopropyl	1.055	1.006	1.006	1.025	0.901	0.867	0.977	7.64	
23)	T	Bromochloromethane	0.110	0.155	0.185	0.189	0.182	0.184	0.167	18.39	
24)	CM	Chloroform	0.723	0.654	0.684	0.676	0.594	0.598	0.655	7.70	
25)	T	(ETBE) 2-ethoxy 2-m	1.034	0.874	0.941	0.927	0.821	0.823	0.903	9.00	
26)	T	1,1,1-Trichloroetha	0.516	0.540	0.535	0.523	0.496	0.488	0.517	4.07	
27)	T	(TAME) tert-Amyl me	1.000	0.749	0.821	0.764	0.701	0.680	0.786	14.75	
28)	S	1,2-Dichloroethane-	0.309	0.278	0.303	0.299	0.296	0.293	0.296	3.50	
29)	T	1,1-Dichloropropene	0.547	0.492	0.502	0.489	0.439	0.427	0.482	9.13	
30)	T	Carbon Tetrachlorid	0.401	0.388	0.449	0.460	0.412	0.416	0.421	6.66	
31)	M	Benzene	1.374	1.155	1.267	1.217	1.042	1.008	1.177	11.75	
32)	M	1,2-Dichloroethane	0.501	0.382	0.445	0.419	0.385	0.365	0.416	12.20	
33)	M	Trichloroethene	0.480	0.355	0.386	0.399	0.336	0.324	0.380	14.87	
34)	C	1,2-Dichloropropane	0.298	0.297	0.277	0.290	0.264	0.258	0.281	6.17	
35)	T	Dibromomethane	0.207	0.209	0.227	0.244	0.215	0.216	0.220	6.33	
36)	T	Bromodichloromethan	0.459	0.407	0.479	0.446	0.428	0.433	0.442	5.69	
37)	T	cis-1,3-Dichloropro	0.508	0.451	0.526	0.493	0.447	0.467	0.482	6.63	
38)	I	Chlorobenzene-d5 (IS)	----------ISTD----------								
39)	S	Toluene-d8 (SU3)	1.209	1.139	1.193	1.149	1.157	1.149	1.166	2.42	
40)	T	(MIBK) 4-Methyl-2-P	0.545	0.324	0.388	0.078	0.072	0.088	0.249	79.95	Not in use.
41)	CM	Toluene	2.231	1.790	1.660	1.584	1.518	1.441	1.704	16.71	

42)	T	trans-1,3-Dichlorop	0.601	0.493	0.586	0.607	0.528	0.560	0.563	7.97	
43)	T	1,1,2-Trichloroetha	0.310	0.285	0.355	0.328	0.286	0.281	0.308	9.58	
44)	M	Tetrachloroethene	0.462	0.392	0.677	0.635	0.590	0.281	0.551	21.81	LINEAR
45)	T	1,3-Dichloropropane	0.710	0.578	0.592	0.569	0.532	0.529	0.585	11.33	
46)	T	2-Hexanone	0.333	0.186	0.340	0.266	0.333	0.182	0.273	27.20	
47)	T	Dibromochloromethan	0.426	0.363	0.496	0.458	0.432	0.459	0.439	10.18	
48)	T	1,2-Dibromoethane	0.412	0.355	0.430	0.402	0.394	0.396	0.398	6.27	
49)	PM	Chlorobenzene	1.366	1.154	1.110	1.134	1.086	1.043	1.149	9.84	
50)	T	1,1,1,2-Tetrachloro	0.449	0.384	0.437	0.407	0.388	0.387	0.409	6.91	
51)	CM	Ethylbenzene	2.333	2.080	1.968	1.851	1.736	1.654	1.937	12.77	
52)	TM	m,p-Xylenes	0.809	0.711	0.727	0.669	0.615	0.602	0.689	11.20	
53)	TM	o-Xylene	0.867	0.664	0.674	0.671	0.615	0.594	0.681	14.25	
54)	T	Styrene	1.563	1.015	1.078	1.049	0.973	0.934	1.102	21.01	LINEAR
55)	P	Bromoform	0.237	0.199	0.286	0.259	0.238	0.276	0.249	12.69	
56)	T	Isopropylbenzene	2.188	1.855	1.900	1.811	1.764	1.674	1.865	9.44	
57)	T	1,2,3-Trichloroprop	0.505	0.491	0.593	0.516	0.480	0.472	0.509	8.58	
58)	S	4-Bromofluorobenzen	0.518	0.507	0.527	0.511	0.510	0.495	0.511	2.08	
59)	I	1,4-Dichlorobenzene-d	----------ISTD----------								
60)	P	1,1,2,2-Tetrachloro	1.020	0.822	1.013	0.870	0.774	0.905	0.901	11.13	
61)	T	Bromobenzene	1.079	1.003	1.043	0.946	0.914	0.907	0.982	7.20	
62)	T	n-Propylbenzene	6.721	5.112	5.219	4.601	4.392	4.279	5.054	17.82	
63)	T	2-Chlorotoluene	3.644	2.948	3.362	3.044	2.868	2.805	3.112	10.48	
64)	T	1,3,5-Trimethylbenz	3.612	3.208	3.247	3.017	2.832	2.775	3.115	9.93	
65)	T	4-Chlorotoluene	3.315	2.950	2.942	2.812	2.597	2.623	2.873	9.19	
66)	T	tert-Butylbenzene	2.817	2.666	3.007	2.633	2.430	2.371	2.654	8.96	
67)	T	1,2,4-Trimethylbenz	3.774	3.331	3.421	3.050	2.968	2.953	3.250	9.91	
68)	T	sec-Butylbenzene	4.837	3.956	4.522	4.187	3.865	3.852	4.203	9.54	
69)	T	p-Isopropyltoluene	3.974	3.475	3.582	3.347	3.061	3.060	3.417	10.13	
70)	T	1,3-Dichlorobenzene	2.120	1.740	1.888	1.871	1.734	1.744	1.850	8.06	
71)	T	1,4-Dichlorobenzene	2.120	1.740	1.974	1.864	1.658	1.729	1.847	9.43	
72)	T	n-Butylbenzene	4.391	3.645	3.644	3.397	3.264	3.192	3.589	12.14	
73)	T	1,2-Dichlorobenzene	1.716	1.534	1.764	1.657	1.614	1.583	1.645	5.20	
74)	T	1,2-Dibromo-3-chlor	0.082	0.104	0.111	0.148	0.133	0.146	0.121	21.61	LINEAR
75)	T	1,2,4-Trichlorobenz	1.184	1.091	1.244	1.074	1.050	1.044	1.115	7.28	
76)	T	Hexachlorobutadiene	0.297	0.477	0.596	0.481	0.499	0.507	0.476	20.56	LINEAR
77)	T	Naphthalene	2.690	2.294	3.052	2.312	2.176	2.294	2.470	13.55	
78)	T	Hexachloroethane	0.306	0.301	0.391	0.362	0.374	0.435	0.361	14.24	
79)	T	1,2,3-Trichlorobenz	1.346	0.926	1.173	0.993	0.940	0.968	1.058	15.82	

(#) = Out of Range

MW111313.M Wed Nov 13 19:25:18 2013

CONTINUING CALIBRATION VERIFICATION

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28CCV01.D
Acq On : 28 May 2014 5:58 am
Sample : 1.25/2.5/12.5 ug/L 8260B std
Misc : 20mL 8260 CCV
MS Integration Params: rteint.p
Quant Time: May 28 6:26 19114

Vial: 9
Operator: DN
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.31	96	1638975m	12.50 ug/L	0.02
38) Chlorobenzene-d5 (IS)	13.93	117	1173167m	12.50 ug/L	0.01
59) 1,4-Dichlorobenzene-d4 (IS	16.52	152	592935	12.50 ug/L	0.01

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.45	113	466076	11.40 ug/L	0.03
Spiked Amount 12.500	Range 75 - 125		Recovery = 91.20%		
28) 1,2-Dichloroethane-d4 (SU2	9.91	65	470409	12.11 ug/L	0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.88%		
39) Toluene-d8 (SU3)	12.22	98	1412274	12.91 ug/L	0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 103.28%		
58) 4-Bromofluorobenzene (SU4)	15.24	95	615874	12.84 ug/L	0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 102.72%		

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.12	85	54712	1.36 ug/L	98
4) Chloromethane	4.47	50	39381	1.31 ug/L	97
5) Vinyl Chloride	4.61	62	36360	1.26 ug/L	75
6) Bromomethane	5.16	96	26626	1.30 ug/L	41
7) Chloroethane	5.29	64	18897	1.47 ug/L	73
8) (F11) Trichlorofluorometha	5.67	101	62442	1.39 ug/L	96
9) (F113) 1,1,2-Trichloro-tri	6.38	151	39952	1.24 ug/L	100
10) 1,1-Dichloroethene	6.46	96	53223	1.38 ug/L	96
11) Acetone	6.48	58	71408	-12.50 ug/L	99
12) (IPA) Leak Check Compound	6.55	45	322600	163.80 ug/L	99
13) Carbon disulfide	6.88	76	159205	1.17 ug/L	98
14) Methylene Chloride	7.13	84	57862	1.29 ug/L	95
15) (TBA) tert-Butanol	7.12	59	6732	2.41 ug/L #	77
16) (MTBE) Methyl-t-butyl ethe	7.42	73	114428	1.23 ug/L	97
17) trans-1,2-Dichloroethene	7.50	96	59772	1.36 ug/L	95
18) 1,1-Dichloroethane	8.09	63	80462	1.09 ug/L	96
19) cis-1,2-Dichloroethene	8.85	96	59149	1.16 ug/L	93
20) 2,2-Dichloropropane	8.85	77	551	0.01 ug/L #	1
21) (MEK) 2-Butanone	8.82	72	11149	2.42 ug/L #	27
22) (DIPE) Diisopropyl Ether	8.03	45	170156	1.33 ug/L	95
23) Bromochloromethane	9.19	128	24772	1.13 ug/L #	80
24) Chloroform	9.23	83	97344	1.13 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28CCV01.D Vial: 9
Acq On : 28 May 2014 5:58 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 6:26 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) (ETBE) 2-ethoxy 2-methyl p	8.51	59	113578	0.96 ug/L #	98
26) 1,1,1-Trichloroethane	10.29	97	85281	1.26 ug/L	97
27) (TAME) tert-Amyl methyl et	10.02	73	108957	1.06 ug/L	96
29) 1,1-Dichloropropene	9.71	75	71988	1.14 ug/L	96
30) Carbon Tetrachloride	13.91	117	61862	1.12 ug/L	93
31) Benzene	10.00	78	198690	1.29 ug/L #	93
32) 1,2-Dichloroethane	10.02	62	65923	1.21 ug/L	94
33) Trichloroethene	10.76	130	61133	1.23 ug/L	97
34) 1,2-Dichloropropane	11.07	63	48761	1.32 ug/L #	79
35) Dibromomethane	11.22	93	38909	1.35 ug/L	97
36) Bromodichloromethane	11.37	83	60627	1.05 ug/L	89
37) cis-1,3-Dichloropropene	11.88	75	64415	1.02 ug/L	95
40) (MIBK) 4-Methyl-2-Pentanon	12.14	43	20558	0.88 ug/L #	100
41) Toluene	12.30	91	233723	1.46 ug/L	98
42) trans-1,3-Dichloropropene	12.52	75	46082	0.87 ug/L #	73
43) 1,1,2-Trichloroethane	12.76	83	42669	1.48 ug/L	90
44) Tetrachloroethene	12.95	164	62147	1.11 ug/L	97
45) 1,3-Dichloropropane	12.98	76	72708	1.32 ug/L	98
46) 2-Hexanone	12.98	43	57411	2.24 ug/L #	95
47) Dibromochloromethane	13.27	129	53548	1.30 ug/L #	96
48) 1,2-Dibromoethane	13.44	107	55951	1.50 ug/L	99
49) Chlorobenzene	13.97	112	140144	1.30 ug/L	96
50) 1,1,1,2-Tetrachloroethane	14.04	131	46797	1.22 ug/L	95
51) Ethylbenzene	14.04	91	233661	1.29 ug/L	98
52) m,p-Xylenes	14.16	106	168546	2.61 ug/L	99
53) o-Xylene	14.63	106	89098	1.39 ug/L	94
54) Styrene	14.64	104	140003	1.52 ug/L	99
55) Bromoform	14.92	173	32899	1.41 ug/L	94
56) Isopropylbenzene	15.02	105	220213	1.26 ug/L	99
57) 1,2,3-Trichloropropane	15.44	75	79302	1.66 ug/L #	1
60) 1,1,2,2-Tetrachloroethane	15.35	83	74782	1.75 ug/L	95
61) Bromobenzene	15.45	156	60856	1.31 ug/L	96
62) n-Propylbenzene	15.47	91	291317	1.22 ug/L	98
63) 2-Chlorotoluene	15.62	91	182516	1.24 ug/L	100
64) 1,3,5-Trimethylbenzene	15.64	105	187142	1.27 ug/L	98
65) 4-Chlorotoluene	15.73	91	182079	1.34 ug/L	99
66) tert-Butylbenzene	16.02	119	149396	1.19 ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28CCV01.D Vial: 9
Acq On : 28 May 2014 5:58 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 6:26 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

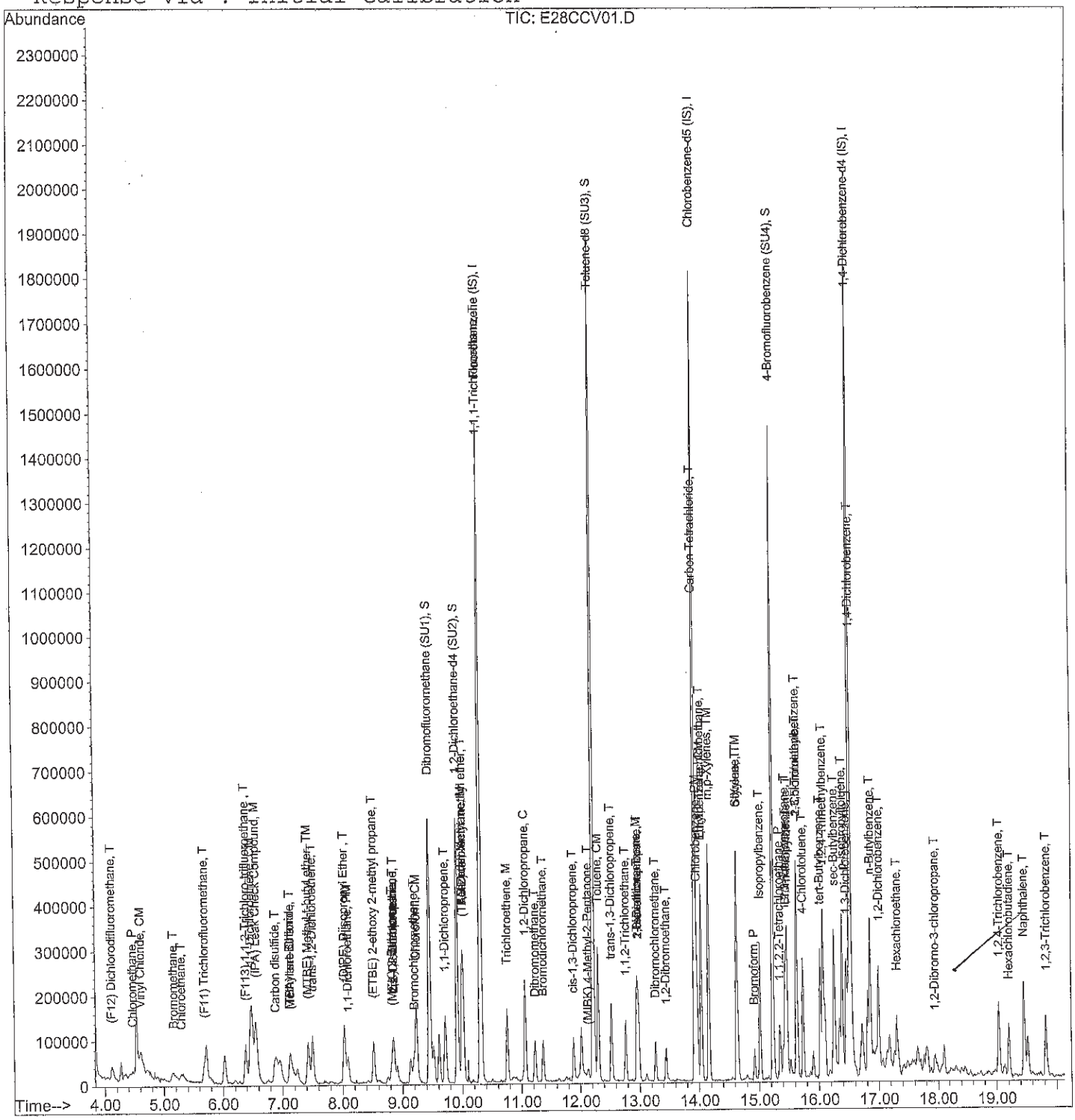
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
67)	1,2,4-Trimethylbenzene	16.07	105	223196	1.45 ug/L	91
68)	sec-Butylbenzene	16.26	105	249690	1.25 ug/L	100
69)	p-Isopropyltoluene	16.39	119	233574	1.44 ug/L #	93
70)	1,3-Dichlorobenzene	16.46	146	111873	1.28 ug/L	98
71)	1,4-Dichlorobenzene	16.54	146	114287	1.30 ug/L	96
72)	n-Butylbenzene	16.86	91	221085	1.30 ug/L	99
73)	1,2-Dichlorobenzene	17.00	146	104097	1.33 ug/L	98
74)	1,2-Dibromo-3-chloropropan	17.94	75	13719	2.06 ug/L	86
75)	1,2,4-Trichlorobenzene	19.04	180	67754	1.28 ug/L	98
76)	Hexachlorobutadiene	19.21	225	29740	1.25 ug/L	95
77)	Naphthalene	19.47	128	256456	2.19 ug/L	100
78)	Hexachloroethane	17.30	201	19058	1.11 ug/L #	86
79)	1,2,3-Trichlorobenzene	19.83	180	61579	1.23 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E28CCV01.D Vial: 9
Acq On : 28 May 2014 5:58 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 6:26 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\052814L3\E28CCV01.D Vial: 9
Acq On : 28 May 2014 5:58 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene (IS)	12.500	12.500	0.0	124	0.02
2	S	Dibromofluoromethane (SU1)	12.500	11.401	8.8	110	0.03
3	T	(F12) Dichlorodifluorometha	1.250	1.361	-8.9	141	0.04
4	P	Chloromethane	1.250	1.312	-5.0	135	0.08
5	CM	Vinyl Chloride	1.250	1.257	-0.6	132	0.05
6	T	Bromomethane	1.250	1.299	-3.9	124	0.06
7	T	Chloroethane	1.250	1.473	-17.8	140	0.05
8	T	(F11) Trichlorofluoromethan	1.250	1.388	-11.0	140	0.06
9	T	(F113) 1,1,2-Trichloro-trif	1.250	1.240	0.8	113	0.06
10	CM	1,1-Dichloroethene	1.250	1.376	-10.1	130	0.06
11	T	Acetone	1.250	-12.500	1100.0#	878	0.03
12	M	(IPA) Leak Check Compound	62.500	163.801	-162.1#	348	0.01
13	T	Carbon disulfide	1.250	1.168	6.6	115	0.07
14	T	Methylene Chloride	1.250	1.286	-2.9	129	0.04
15		(TBA) tert-Butanol	12.500	2.408	80.7#	23	0.00
16	TM	(MTBE) Methyl-t-butyl ether	2.500	1.232	50.7#	59	0.02
17	T	trans-1,2-Dichloroethene	1.250	1.355	-8.4	126	0.04
18	PM	1,1-Dichloroethane	1.250	1.092	12.6	104	0.04
19	T	cis-1,2-Dichloroethene	1.250	1.155	7.6	115	0.03
20	T	2,2-Dichloropropane	1.250	0.009	99.3#	1	0.02
21	T	(MEK) 2-Butanone	1.250	2.420	-93.6#	204	0.04
22	T	(DIPE) Diisopropyl Ether	1.250	1.329	-6.3	125	0.02
23	T	Bromochloromethane	1.250	1.129	9.7	99	0.04
24	CM	Chloroform	1.250	1.134	9.3	108	0.03
25	T	(ETBE) 2-ethoxy 2-methyl pr	1.250	0.959	23.3	92	0.01
26	T	1,1,1-Trichloroethane	1.250	1.259	-0.7	123	0.81#
27	T	(TAME) tert-Amyl methyl eth	1.250	1.057	15.4	107	0.02
28	S	1,2-Dichloroethane-d4 (SU2)	12.500	12.107	3.1	118	0.02
29	T	1,1-Dichloropropene	1.250	1.138	9.0	111	0.03
30	T	Carbon Tetrachloride	1.250	1.121	10.3	101	4.20#
31	M	Benzene	1.250	1.287	-3.0	123	0.02
32	M	1,2-Dichloroethane	1.250	1.208	3.4	119	0.03
33	M	Trichloroethene	1.250	1.228	1.8	116	0.02
34	C	1,2-Dichloropropane	1.250	1.325	-6.0	127	0.02
35	T	Dibromomethane	1.250	1.351	-8.1	120	0.01
36	T	Bromodichloromethane	1.250	1.046	16.3	102	0.02
37	T	cis-1,3-Dichloropropene	1.250	1.019	18.5	98	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\052814L3\E28CCV01.D Vial: 9
Acq On : 28 May 2014 5:58 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
38	I	Chlorobenzene-d5 (IS)	12.500	12.500	0.0	113	0.01
39	S	Toluene-d8 (SU3)	12.500	12.907	-3.3	119	0.01
40	T	(MIBK) 4-Methyl-2-Pentanone	1.250	0.878	29.8	254	0.02
41	CM	Toluene	1.250	1.461	-16.9	143	0.02
42	T	trans-1,3-Dichloropropene	1.250	0.873	30.2#	73	0.01
43	T	1,1,2-Trichloroethane	1.250	1.478	-18.2	126	0.01
44	M	Tetrachloroethene	1.250	1.106	11.5	95	0.01
45	T	1,3-Dichloropropane	1.250	1.324	-5.9	124	0.01
46	T	2-Hexanone	1.250	2.237	-79.0#	208	0.01
47	T	Dibromochloromethane	1.250	1.299	-3.9	113	0.01
48	T	1,2-Dibromoethane	1.250	1.497	-19.8	135	0.01
49	PM	Chlorobenzene	1.250	1.300	-4.0	120	0.01
50	T	1,1,1,2-Tetrachloroethane	1.250	1.220	2.4	111	0.01
51	CM	Ethylbenzene	1.250	1.285	-2.8	122	0.01
52	TM	m,p-Xylenes	2.500	2.608	-4.3	122	0.01
53	TM	o-Xylene	1.250	1.394	-11.5	128	0.01
54	T	Styrene	1.250	1.518	-21.4	129	0.00
55	P	Bromoform	1.250	1.406	-12.5	123	0.01
56	T	Isopropylbenzene	1.250	1.258	-0.6	118	0.01
57	T	1,2,3-Trichloropropane	1.250	1.659	-32.7#	149	0.01
58	S	4-Bromofluorobenzene (SU4)	12.500	12.835	-2.7	117	0.01
59	I	1,4-Dichlorobenzene-d4 (IS)	12.500	12.500	0.0	118	0.01
60	P	1,1,2,2-Tetrachloroethane	1.250	1.750	-40.0#	171	0.00
61	T	Bromobenzene	1.250	1.307	-4.6	128	0.00
62	T	n-Propylbenzene	1.250	1.215	2.8	126	0.01
63	T	2-Chlorotoluene	1.250	1.237	1.0	119	0.01
64	T	1,3,5-Trimethylbenzene	1.250	1.267	-1.4	124	0.01
65	T	4-Chlorotoluene	1.250	1.336	-6.9	129	0.00
66	T	tert-Butylbenzene	1.250	1.187	5.0	113	0.00
67	T	1,2,4-Trimethylbenzene	1.250	1.448	-15.8	146	0.01
68	T	sec-Butylbenzene	1.250	1.252	-0.2	119	0.00
69	T	p-Isopropyltoluene	1.250	1.441	-15.3	139	0.01
70	T	1,3-Dichlorobenzene	1.250	1.275	-2.0	119	0.01
71	T	1,4-Dichlorobenzene	1.250	1.304	-4.3	122	0.00
72	T	n-Butylbenzene	1.250	1.299	-3.9	130	0.01
73	T	1,2-Dichlorobenzene	1.250	1.334	-6.7	125	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\052814L3\E28CCV01.D Vial: 9
Acq On : 28 May 2014 5:58 am Operator: DN
Sample : 1.25/2.5/12.5 ug/L 8260B std Inst : GC/MS Ins
Misc : 20mL 8260 CCV Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
74	T	1,2-Dibromo-3-chloropropane	1.250	2.056	-64.5#	184	0.00
75	T	1,2,4-Trichlorobenzene	1.250	1.281	-2.5	126	0.01
76	T	Hexachlorobutadiene	1.250	1.250	0.0	123	0.01
77	T	Naphthalene	1.250	2.189	-75.1#	221	0.01
78	T	Hexachloroethane	1.250	1.112	11.0	105	0.00
79	T	1,2,3-Trichlorobenzene	1.250	1.227	1.8	123	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

SUMMARY OF INTERNAL STANDARDS

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\052814L3\E28BFB01.D
Tune Time : 28 May 14 5:46 am

Daily Calibration File : C:\HPCHEM\1\DATA\013014L3\A30CCV01.D

						(PFB)	(CLBD	(1,4-
						1590180	1163370	587649
File	Sample	Surrogate Recovery %				Internal Standard Responses		
E2800001.D	3E42801-	88	90	98	106	1767160	1332651	691087
E2800002.D	3E42801-	93	98	95	107	1628814	1280080	672692
E2800003.D	34E2801-	91	94	96	109	1647725	1270840	683800
E2800004.D	3E42801-	94	95	98	110	1588325	1230604	662439
E2800005.D	3E42801-	90	94	97	109	1591812	1232045	673028
E2800006.D	3E42801-	92	95	96	105	1624445	1300399	693251
E2800007.D	3E42801-	91	89	97	105	1784446	1395228	722995
E2800008.D	3E42801-	90	89	96	105	1702842	1327452	706606
E2800009.D	3E42801-	93	93	96	112	1630177	1266889	700521
E2800010.D	3E42801-	87	88	95	106	1758241	1351582	724286
E2800011.D	3E42801-	91	93	96	108	1619122	1276085	681965
E2800012.D	3E42801-	93	95	97	110	1597393	1246183	690192
E28BLK01.D	34E2801-	89	93	98	107	1886088	1421471	727836
E28LCS01.D	34E2801-	90	95	103	101	1521673	1091734	541503
E28LCS02.D	34E2801-	93	92	99	100	1584704	1196933	588085

t - fails 12hr time check * - fails criteria

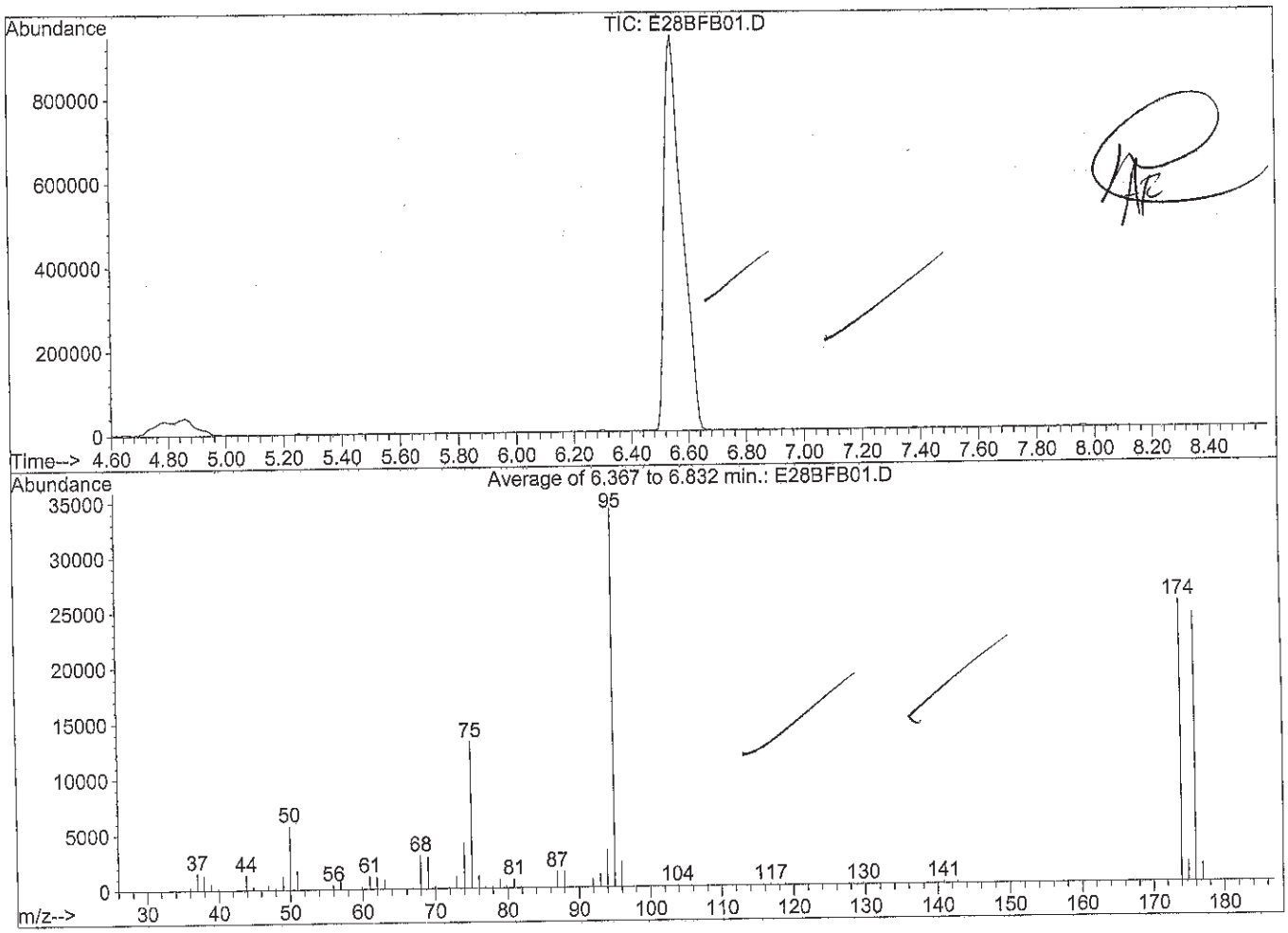
Created: Sun Jun 08 11:44:57 2014 GC
MS Ins

Summary of Instrument Tuning

BFB

Data File : C:\HPCHEM\1\DATA\052814L3\E28BFB01.D
Acq On : 28 May 2014 5:46 am
Sample : 50 ng BFB tune
Misc : 12HRS SYSTEM BFB TUNING
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN

Vial: 1
Operator: DN
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Average of 6.367 to 6.832 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.8	5733	PASS
75	95	30	60	38.7	13215	PASS
95	95	100	100	100.0	34153	PASS
96	95	5	9	6.7	2301	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	74.1	25306	PASS
175	174	5	9	7.1	1804	PASS
176	174	95	101	95.6	24197	PASS
177	176	5	9	6.4	1555	PASS

E28BFB01.D SS072713.M Wed May 28 05:54:54 2014

INJECTION LOG

Injection Log

Directory: c:\hpchem\1\data\052814l3

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	11	e2800001.d	10.	3E42801-01	100cc Equipment Blank	28 May 14 08:13
2	1	e2800002.d	10.	3E42801-02	100cc SVL-515-SA5D-SV-5.0-6.0	28 May 14 08:47
3	2	e2800003.d	10.	34E2801-DUP1	100cc SVL-515-SA5D-SV-5.0-6.0	28 May 14 09:20
4	3	e2800004.d	10.	3E42801-03	100cc SVL-815-SA5D-SV-5.0-6.0	28 May 14 09:49
5	4	e2800005.d	10.	3E42801-04	100cc SVL-515-SA5D-SV-12.5-13.8	28 May 14 10:19
6	5	e2800006.d	10.	3E42801-05	100cc SVL-511-SA5D-SV-4.5-5.5	28 May 14 10:47
7	6	e2800007.d	10.	3E42801-06	100cc SVL-511-SA5D-SV-9.5-10.5	28 May 14 11:18
8	7	e2800008.d	10.	3E42801-07	100cc SVL-516-SA5D-SV-6.0-7.0	28 May 14 11:47
9	8	e2800009.d	10.	3E42801-08	100cc SVL-516-SA5D-SV-14.0-15.0	28 May 14 12:16
10	1	e2800010.d	10.	3E42801-09	100cc SVL-510-SA5D-SV-7.5-8.5	28 May 14 13:14
11	2	e2800011.d	10.	3E42801-10	100cc SVL-544-SA5D-SV-4.5-5.5	28 May 14 13:50
12	3	e2800012.d	10.	3E42801-11	100cc FB-052814	28 May 14 14:19
13	1	e28bfb01.d	1.	50 ng BFB tune	12HRS SYSTEM BFB TUNING	28 May 14 05:46
14	11	e28blk01.d	10.	34E2801-BLK1	100cc AMBIENT AIR/H20	28 May 14 07:43
15	9	e28ccv01.d	1.	1.25/2.5/12.5 ug/L 8260B std	20mL 8260 CCV	28 May 14 05:58
16	10	e28lcs01.d	1.	34E2801-BS1	20cc 1.25/2.5/12.5 ug/L LCS	28 May 14 06:28
17	9	e28lcs02.d	1.	34E2801-BSD1	20cc 1.25/2.5/12.5 ug/L LCS	28 May 14 14:47

SAMPLE LOG SHEET

Environmental Support Technologies, Inc.
SOIL GAS - FIELD ANALYSIS
Sample Log Sheet

Date:_05/28/2014_____
Analyst:_____DN_____
Lab ID:_____# 3_____
Batch Number:_34E2801_____
Project Number:_EST2754___

EPA Method:_8260B CHHSLS 0.02 RL GILAN AIR5 PUMP
Initial Calibration:_MW111313.MTH FLOW RATE @ 200mL/min
Cal Std Lot No.:__4D14009_____
LCS Std Lot No.:_4D14008_____ Glass Bulb Bake @
IS/SS Lot No.:___4D14001_____ 130 degree for 30 min

MWH SSFL , CA

File No.	Port No.	Sample Lab No.	Sample ID	Amount	Dilution Factor	Bulb Surr added	Time Sample Loaded	Time Sample Analyzed	Glass Bulb #	PID READING
E428BFB1	1	50uL BFB1	12HRS TUNING	1uL	1x	PASS	@	546		
CCV1	9	1.25/2.5/12.5 CCV1	8260 STARDARD	20mL	1x	550	551	558		
BS1	9	34E2801-BS1	8260 1.25/2.5/12.5 ug/L LCS	20mL	1x	610	611	628		
BLK1	1	34E2801-BLK1	METHOD BLANK	100cc	1x	730	731	743		
1	2	3E42801-01	EQUIPMENT BLANK	100cc	1x	800	801	813	8	0.0
2	1	3E42801-02	SVL-515-SA5D-SV-5.0-6.0	100cc	1x	816	817	847	3	0.0
3	2	34E2801-DUP1	SVL-515-SA5D-SV-5.0-6.0	100cc	1x	816	817	920	3	0.0
4	3	3E42801-03	SVL-815-SA5D-SV-5.0-6.0	100cc	1x	816	817	949	10	0.0
5	4	3E42801-04	SVL-515-SA5D-SV-12.5-13.8	100cc	1x	857	858	1019	13	0.0
6	5	3E42801-05	SVL-511-SA5D-SV-4.5-5.5	100cc	1x	946	947	1047	11	0.0
7	6	3E42801-06	SVL-511-SA5D-SV-9.5-10.5	100cc	1x	1019	1020	1118	12	0.0
8	7	3E42801-07	SVL-516-SA5D-SV-6.0-7.0	100cc	1x	1055	1056	1147	5	0.0
9	8	3E42801-08	SVL-516-SA5D-SV-14.0-15.0	100cc	1x	1126	1127	1216	6	0.0
10	1	3E42801-09	SVL-510-SA5D-SV-7.5-8.5	100cc	1x	1250	1251	1314	9	0.0
11	2	3E42801-10	SVL-544-SA5D-SV-4.5-5.5	100cc	1x	1325	1326	1350	1	0.0
12	3	3E42801-11	FB-052814	100cc	1x	1356	1357	1419	7	0.0
BSD1	9	34E2801-BSD1	8260 1.25/2.5/12.5 ug/L LCS	20mL	1x	1430	1431	1447		

CASE NARRATIVE

LABORATORY CASE NARRATIVE
(EPA 8260B)

SDG: 34E2801
DATE: May 28, 2014
PROJECT No.: EST2754

Eleven (11) Glass Bulb soil vapor samples were analyzed on May 28, 2014, by EPA Method Analysis performed using a gas chromatograph/mass spectrometer (GC/MS).

Sample Preservation and Holding Times

Samples were preserved according to the method recommendation, unless otherwise noted on the chain-of-custody (COC) and /or the sample log sheet. Holding times were met, unless otherwise noted in the report with data qualifiers.

QA/QC Criteria

All quality objective criteria were met, except as noted in the report with data qualifiers.

Samples Analysis

No anomalies were observes during analysis of the samples.

COMMENTS:

Results that fall between the MDL and RL are 'J' flagged.

Adjusted values corrected for significant figure correction (10X) and sample volume (5X).

RAW DATA FOR QC SAMPLES AND INITIAL CALIBRATION DUPLICATE SAMPLE

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800003.D
Acq On : 28 May 2014 9:20 am
Sample : 34E2801-DUP1
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 28 9:54 19114

Vial: 2
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1647725	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1270840	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	683800	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	467241	11.37 ug/L	0.01
Spiked Amount 12.500	Range 75 - 125		Recovery =	90.96%	
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	459221	11.76 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	94.08%	
39) Toluene-d8 (SU3)	12.20	98	1428098	12.05 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	96.40%	
58) 4-Bromofluorobenzene (SU4)	15.22	95	705094	13.57 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	108.56%	

Target Compounds					Qvalue
4) Chloromethane	4.40	50	2193	-0.43 ~~ug/L~~ # SM	41
6) Bromomethane	5.14	96	6394	1.75 ~~ug/L~~	90
7) Chloroethane	5.21	64	672	1.18 ~~ug/L~~	95
11) Acetone	6.48	58	7290	6.58 ~~ug/L~~	91
12) (IPA) Leak Check Compound	6.48	45	138535	699.68 ~~ug/L~~ # SM	83
13) Carbon disulfide	6.85	76	2497	0.18 ~~ug/L~~ #	76
14) Methylene Chloride	7.09	84	7137	1.58 ~~ug/L~~ #	9
15) (TBA) tert-Butanol	6.90	59	3310	11.78 ~~ug/L~~ #	77
20) 2,2-Dichloropropane	8.72	77	259	0.04 ~~ug/L~~ # SM	1
24) Chloroform	9.21	83	2106	0.24 ~~ug/L~~ #	1
29) 1,1-Dichloropropene	9.94	75	254	0.04 ~~ug/L~~ #	1
31) Benzene	9.98	78	539	0.03 ~~ug/L~~ #	57
32) 1,2-Dichloroethane	9.93	62	7312	1.33 ~~ug/L~~ #	1
40) (MIBK) 4-Methyl-2-Pentanon	12.19	43	6600	2.60 ~~ug/L~~ #	100
41) Toluene	12.29	91	4279	0.25 ug/L 0.005	88
46) 2-Hexanone	12.93	43	1553	0.56 ~~ug/L~~ #	37
51) Ethylbenzene	14.02	91	3080	0.16 ug/L 0.0032	93
52) m,p-Xylenes	14.15	106	1929	0.28 ug/L # 0.0056	51
53) o-Xylene	14.63	106	280	0.04 ug/L # 0.0008	1
54) Styrene	14.63	104	1580	-0.72 ~~ug/L~~ # SM	61
56) Isopropylbenzene	15.22	105	1317	0.07 ~~ug/L~~ #	1
62) n-Propylbenzene	15.46	91	587	0.02 ~~ug/L~~ #	56

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800003.D Vial: 2
Acq On : 28 May 2014 9:20 am Operator: DN
Sample : 34E2801-DUP1 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:54 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

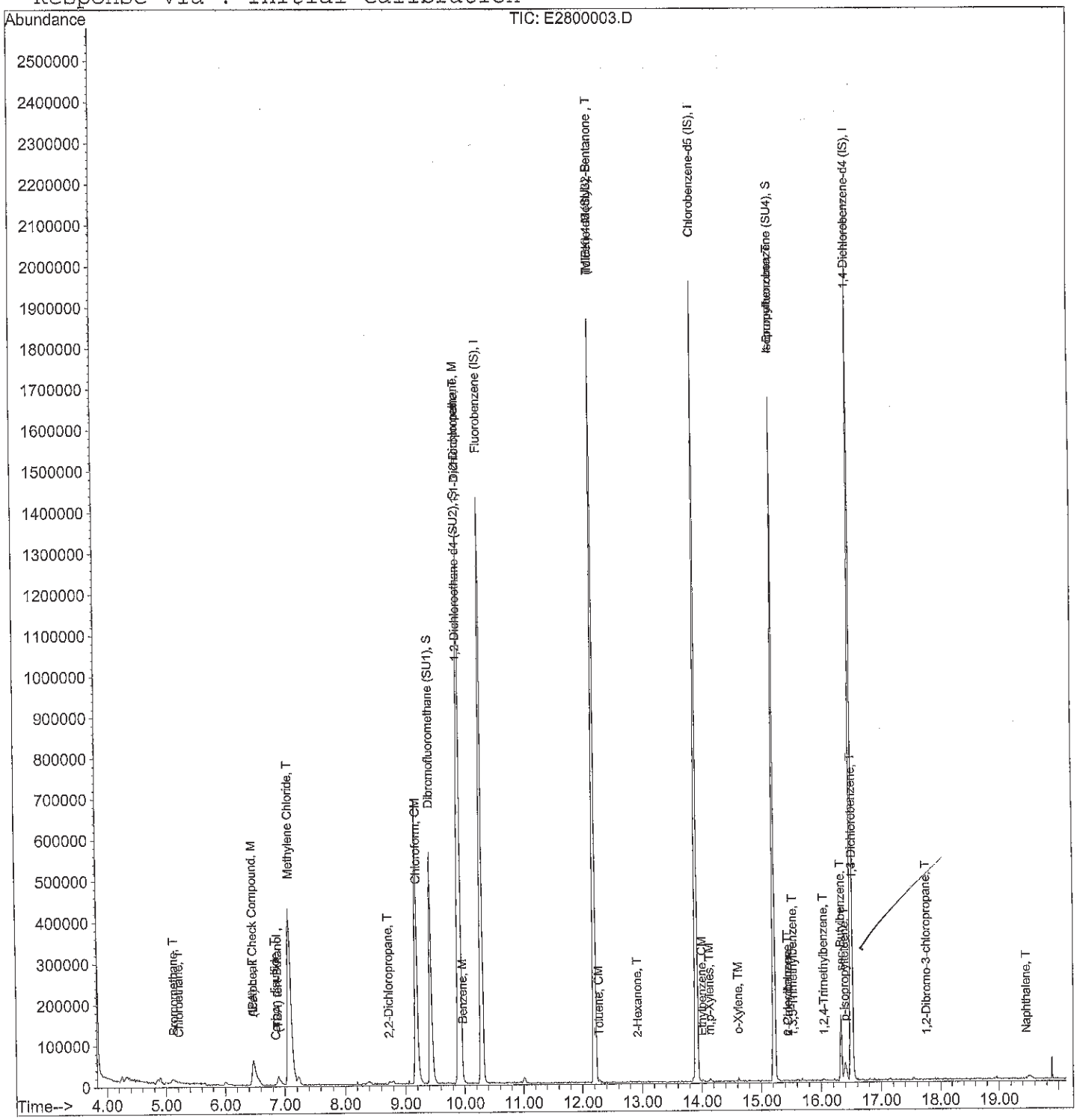
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
63) 2-Chlorotoluene	15.46	91	587	0.03 ~~ug/L~~ #	45
64) 1,3,5-Trimethylbenzene	15.54	105	541	0.03 ~~ug/L~~ #	31
67) 1,2,4-Trimethylbenzene	16.05	105	1414	0.08 ~~ug/L~~ #	33
68) sec-Butylbenzene	16.33	105	2000	0.09 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	656	0.04 ~~ug/L~~ #	52
70) 1,3-Dichlorobenzene	16.54	146	267	0.03 ~~ug/L~~ #	24
71) 1,4-Dichlorobenzene	16.54	146	267	0.03 ~~ug/L~~ #	22
74) 1,2-Dibromo-3-chloropropan	17.75	75	320	1.29 ug/L #	6
77) Naphthalene	19.45	128	436	0.03 ~~ug/L~~	100

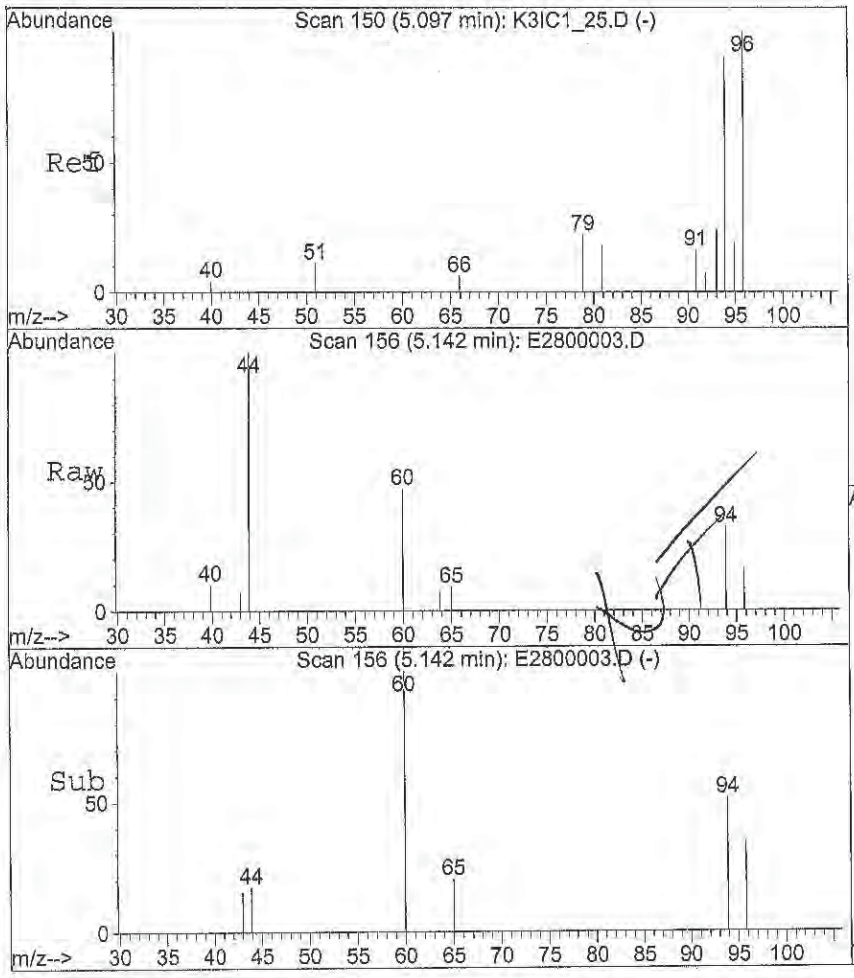
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800003.D Vial: 2
Acq On : 28 May 2014 9:20 am Operator: DN
Sample : 34E2801-DUP1 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:54 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

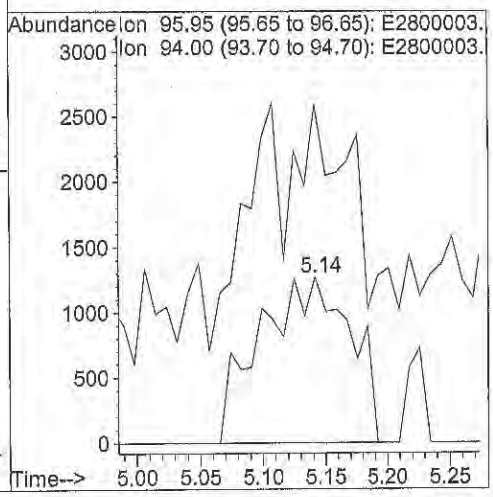


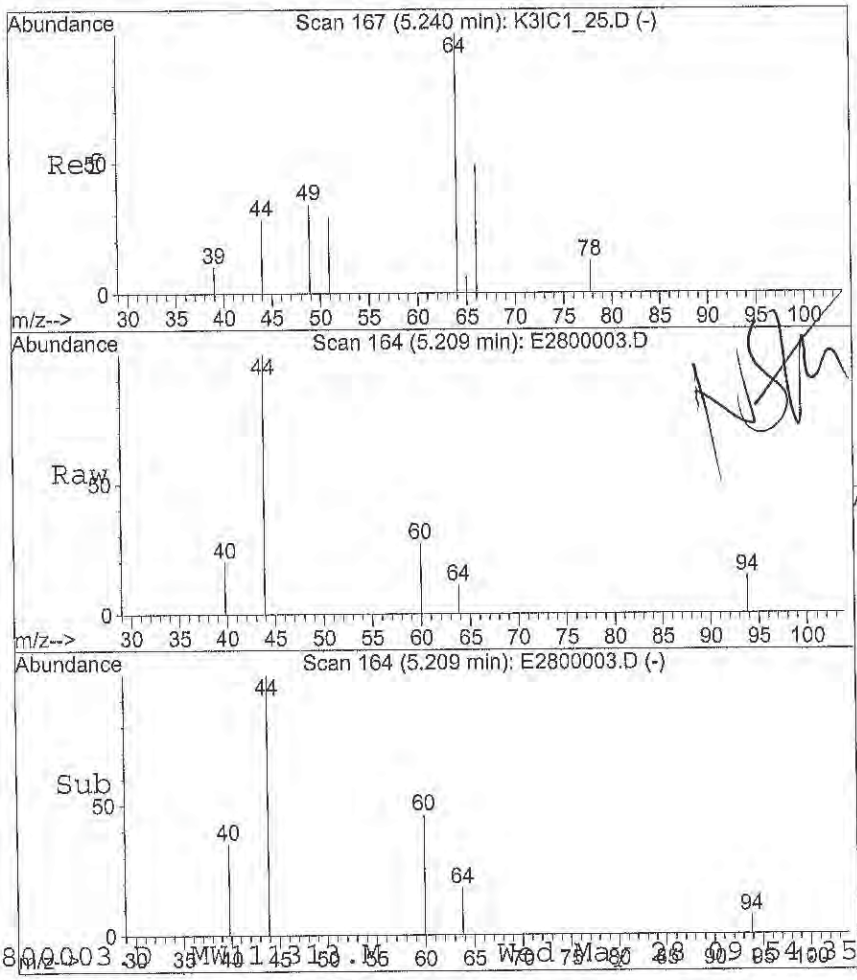


#6
Bromomethane
Concen: 1.75 ug/L
RT: 5.14 min Scan# 156
Delta R.T. 0.05 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 96 Resp: 6394

Ion	Ratio	Lower	Upper
96	100		
94	114.8	101.0	151.4

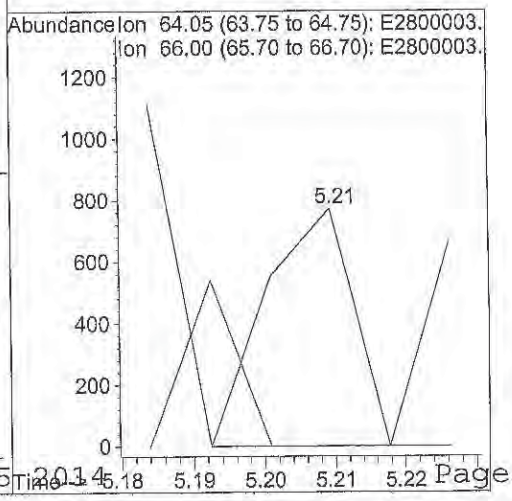


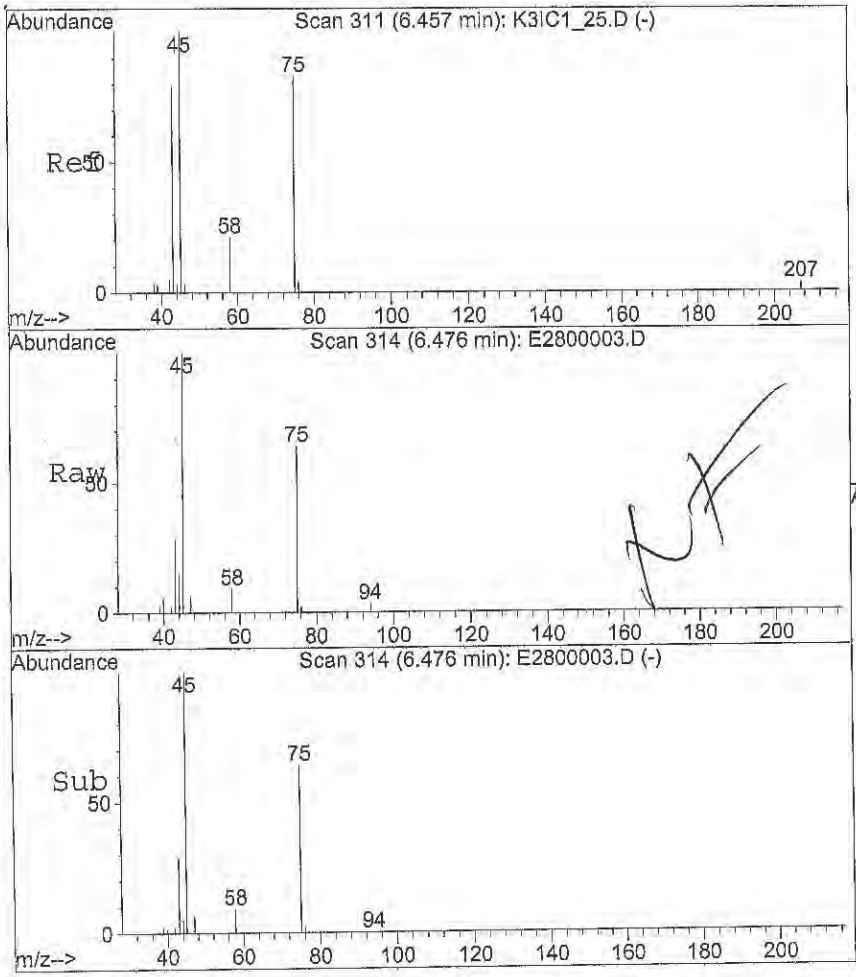


#7
Chloroethane
Concen: 1.18 ug/L
RT: 5.21 min Scan# 164
Delta R.T. -0.03 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 64 Resp: 672

Ion	Ratio	Lower	Upper
64	100		
66	40.8	35.4	53.0

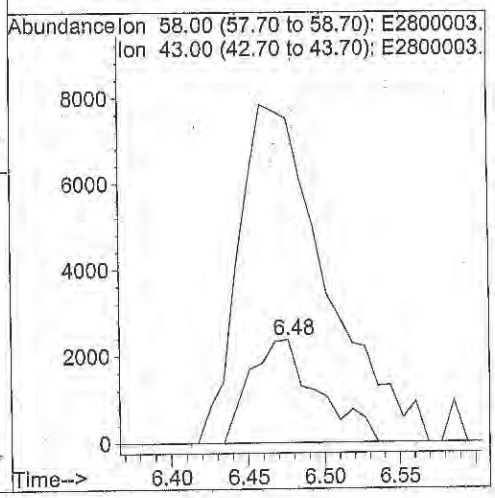


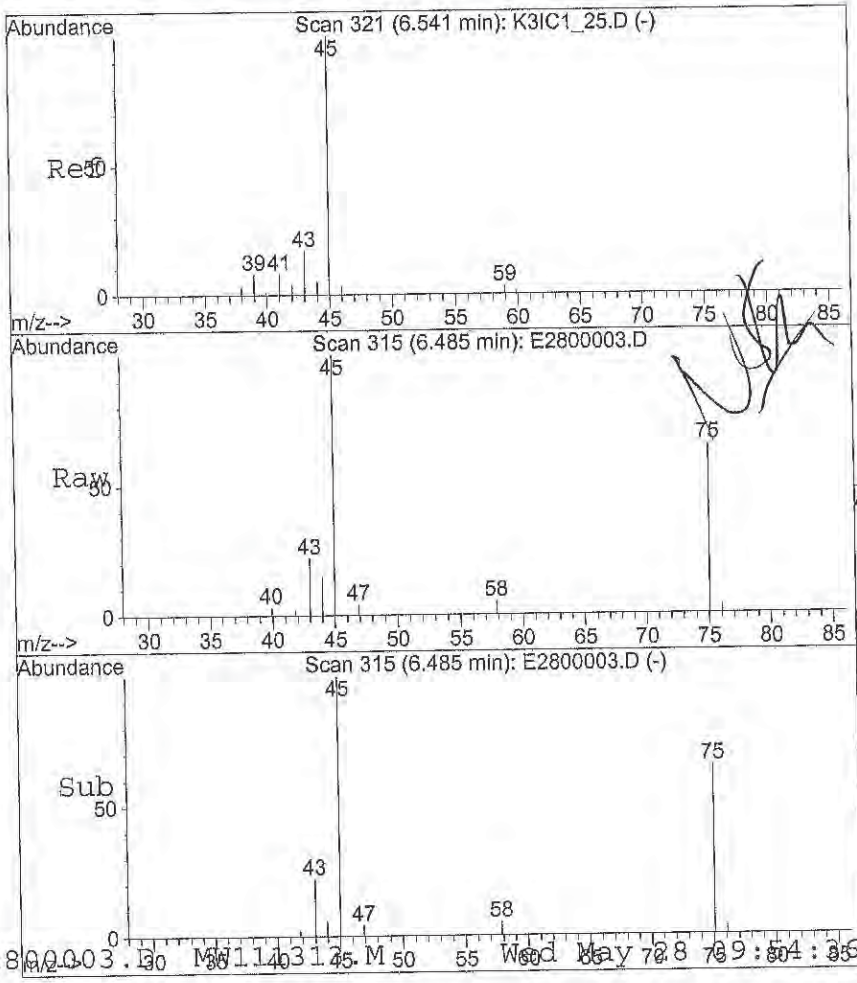


#11
Acetone
Concen: 6.58 ug/L
RT: 6.48 min Scan# 314
Delta R.T. 0.02 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 58 Resp: 7290

Ion	Ratio	Lower	Upper
58	100		
43	426.7	360.9	541.3

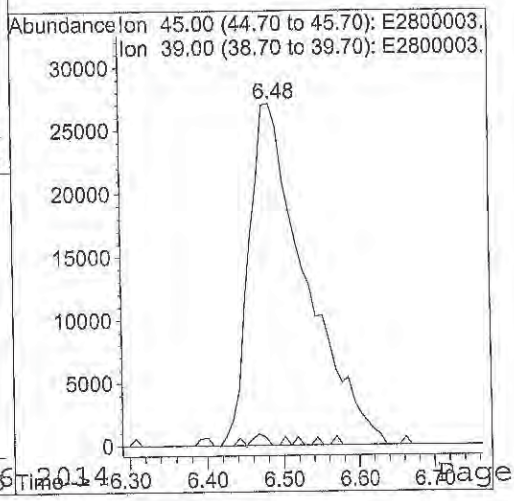


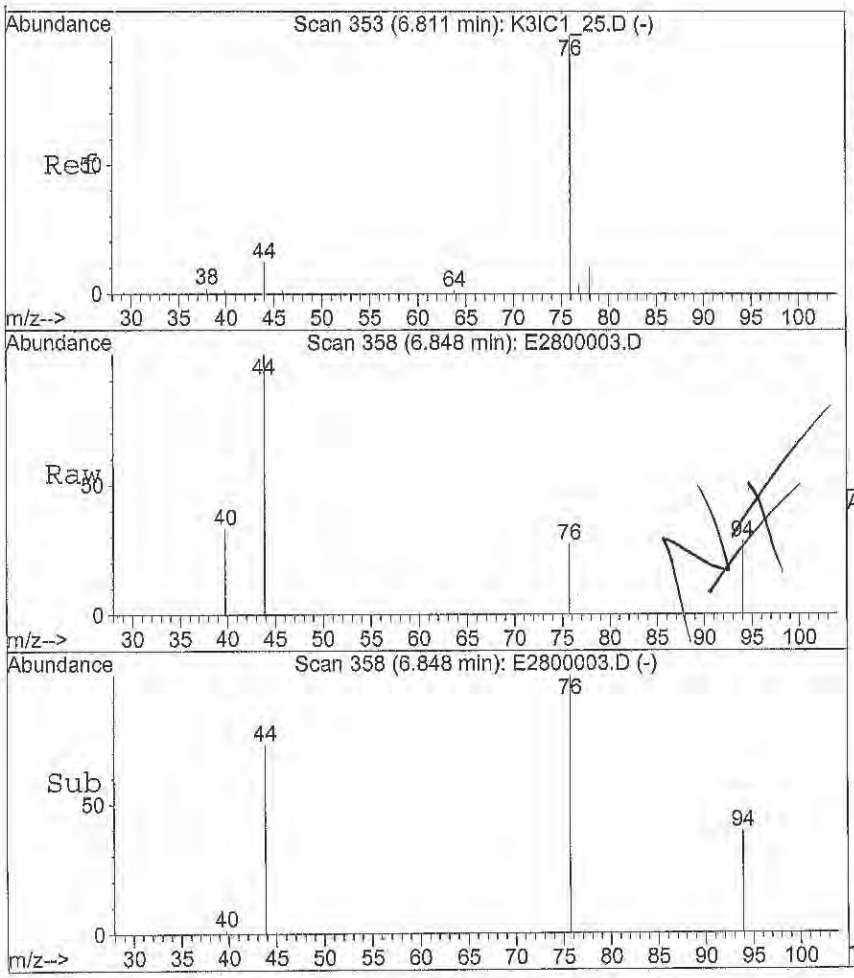


#12
(IPA) Leak Check Compound
Concen: 699.68 ug/L
RT: 6.48 min Scan# 315
Delta R.T. -0.06 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 45 Resp: 138535

Ion	Ratio	Lower	Upper
45	100		
39	0.5	4.9	7.3#

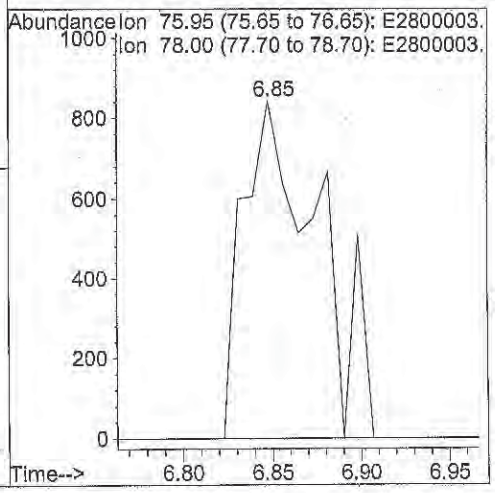


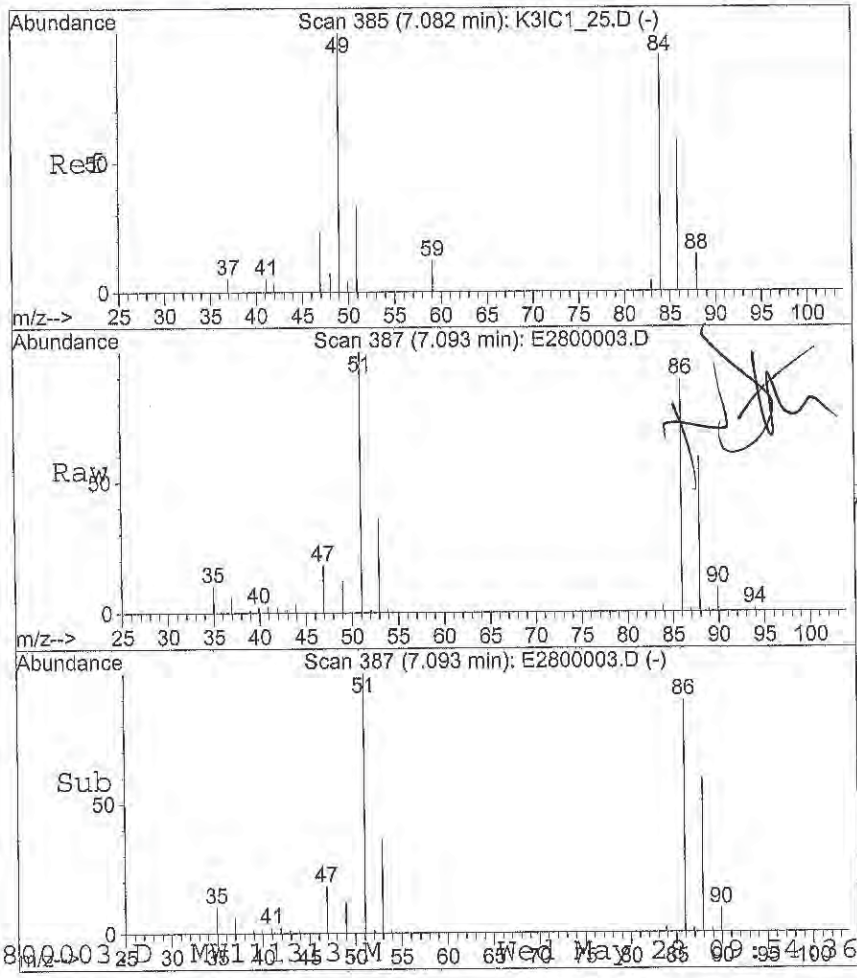


#13
Carbon disulfide
Concen: 0.18 ug/L
RT: 6.85 min Scan# 358
Delta R.T. 0.04 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 76 Resp: 2497

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

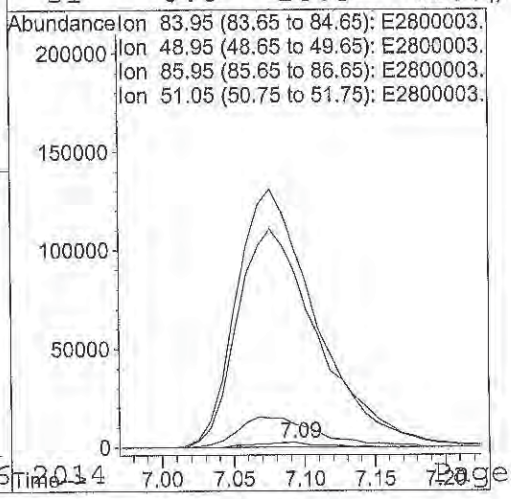


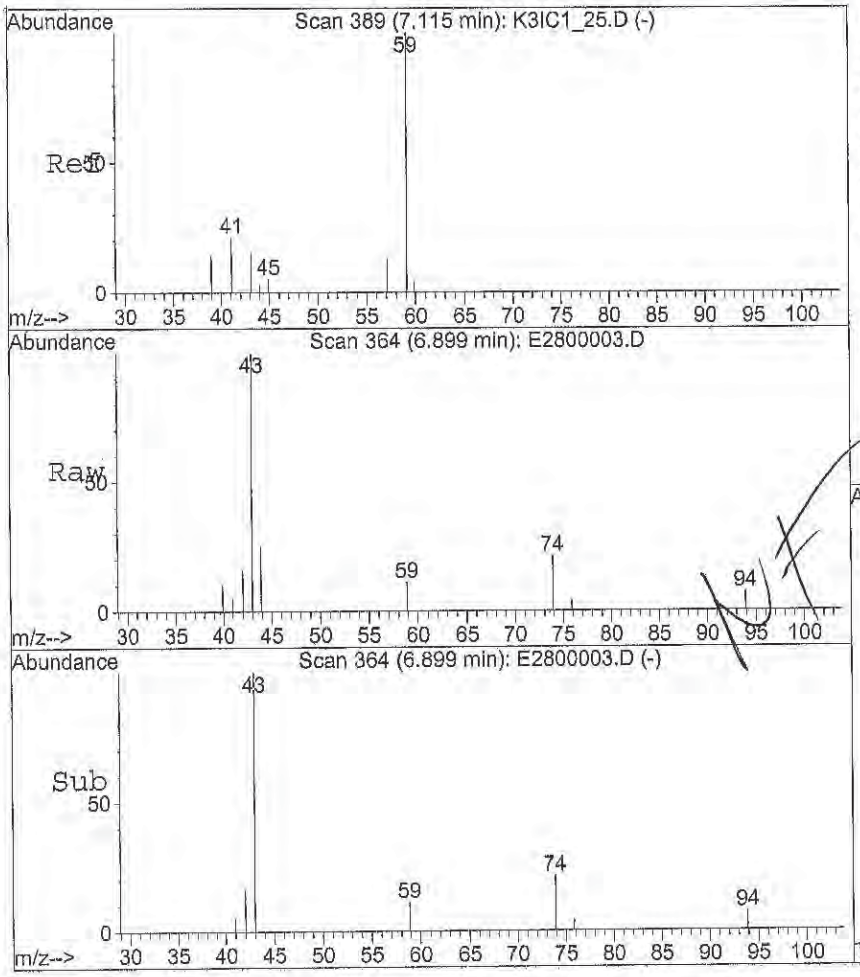


#14
Methylene Chloride
Concen: 1.58 ug/L
RT: 7.09 min Scan# 387
Delta R.T. 0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 84 Resp: 7137

Ion	Ratio	Lower	Upper
84	100		
49	0.0	89.8	134.6#
86	0.0	51.1	76.7#
51	0.0	28.5	42.7#

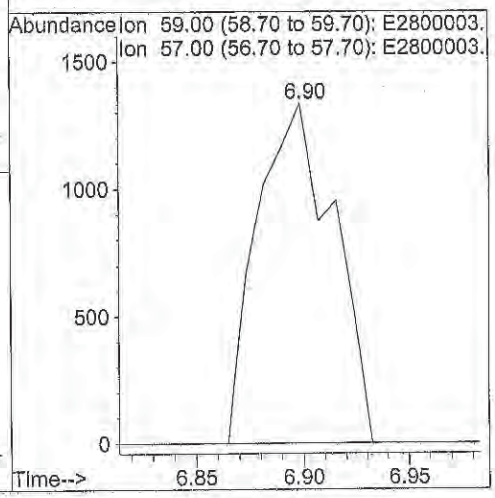


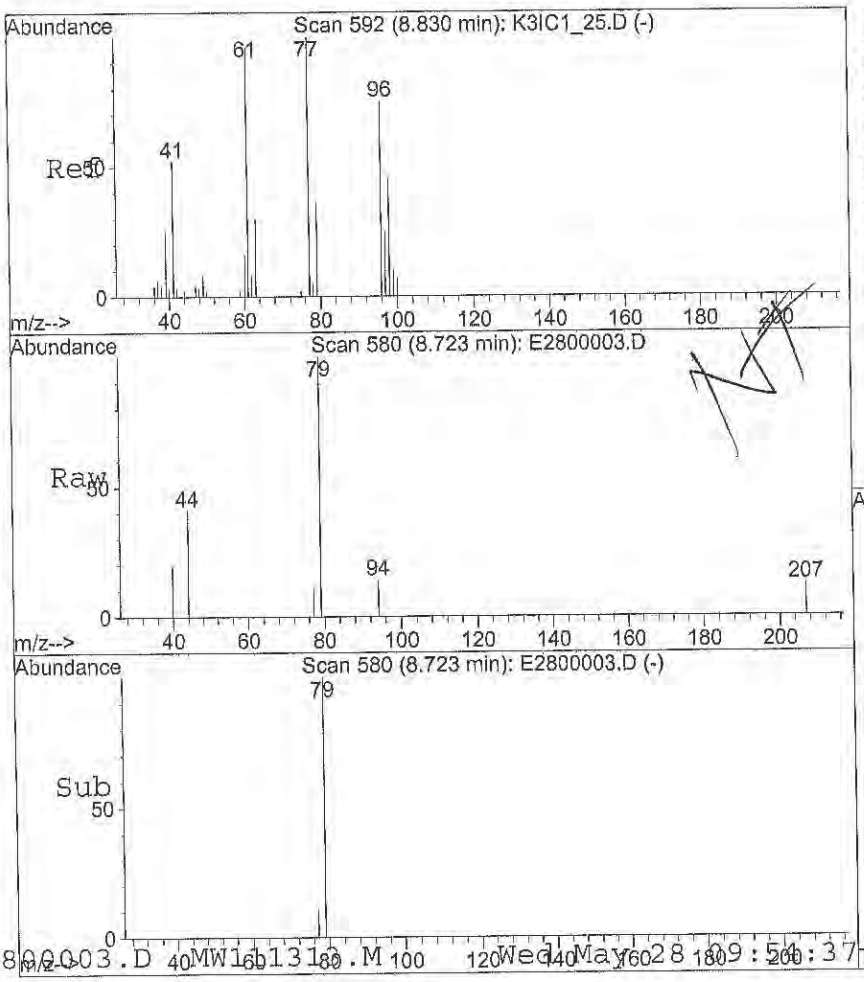


#15
(TBA) tert-Butanol
Concen: 11.78 ug/L
RT: 6.90 min Scan# 364
Delta R.T. -0.22 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 59 Resp: 3310

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

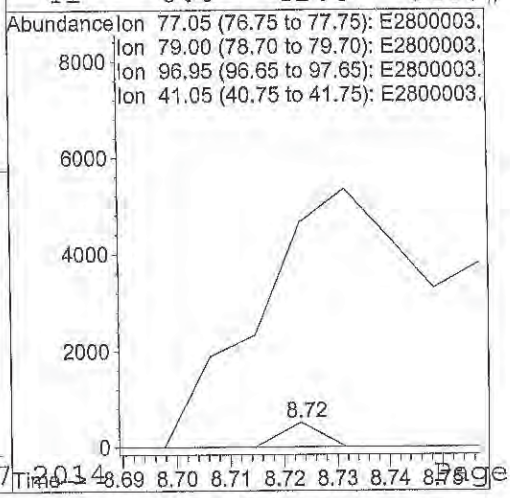


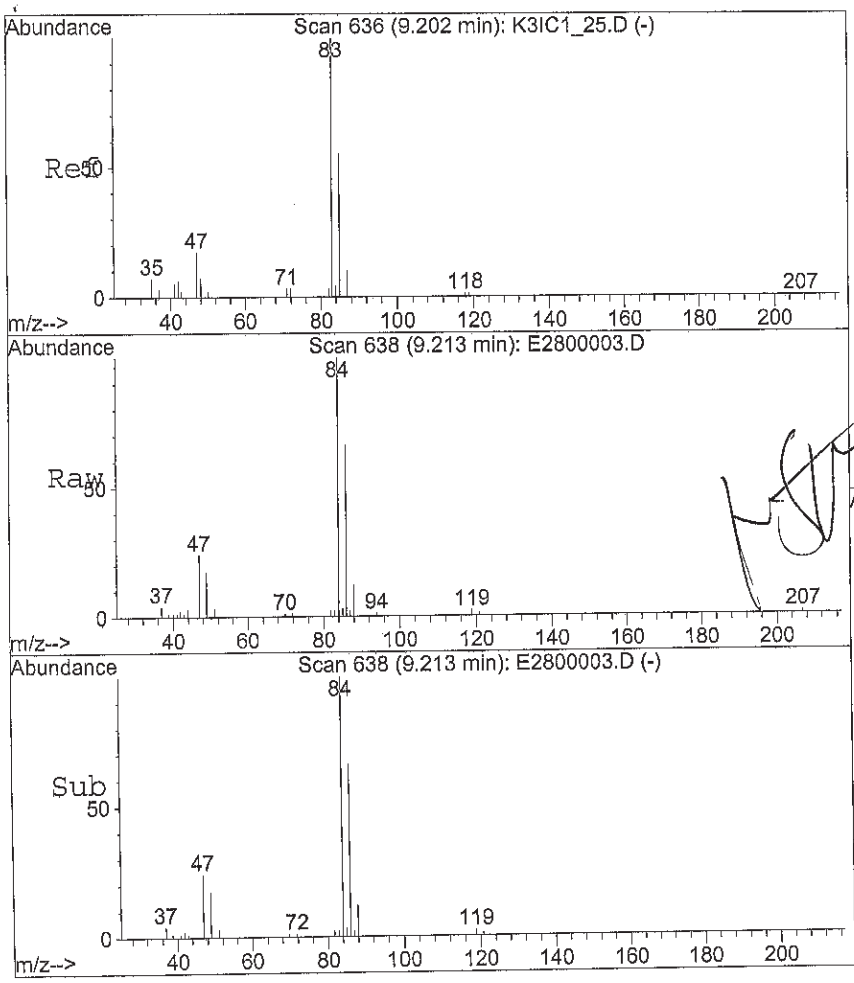


#20
2,2-Dichloropropane
Concen: 0.04 ug/L
RT: 8.72 min Scan# 580
Delta R.T. -0.11 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 77 Resp: 259

Ion	Ratio	Lower	Upper
77	100		
79	6874.9	26.6	40.0#
97	0.0	18.9	28.3#
41	0.0	42.6	64.0#

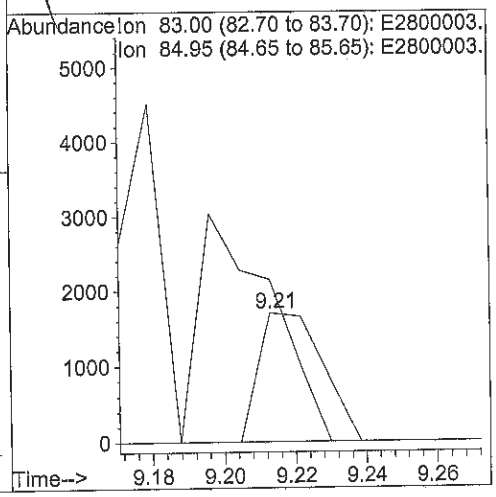


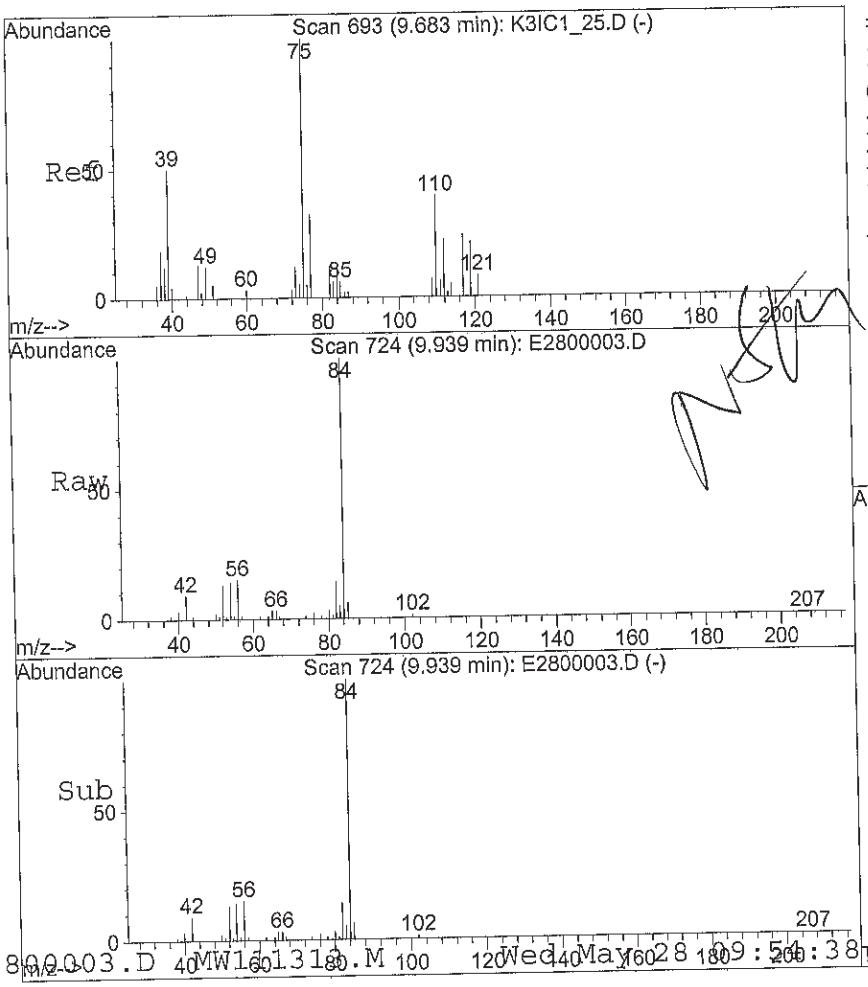


#24
Chloroform
Concen: 0.24 ug/L
RT: 9.21 min Scan# 638
Delta R.T. 0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 83 Resp: 2106

Ion	Ratio	Lower	Upper
83	100		
85	203.6	51.8	77.6#

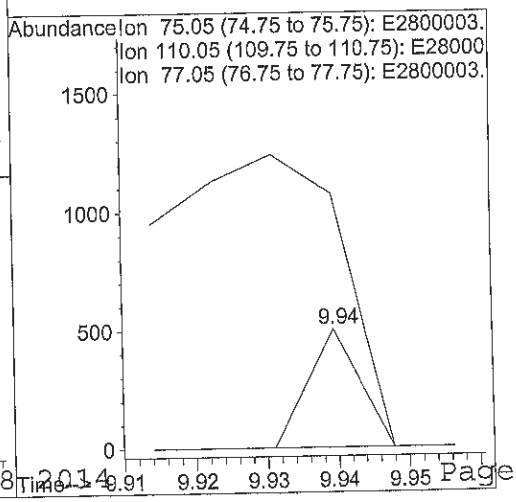


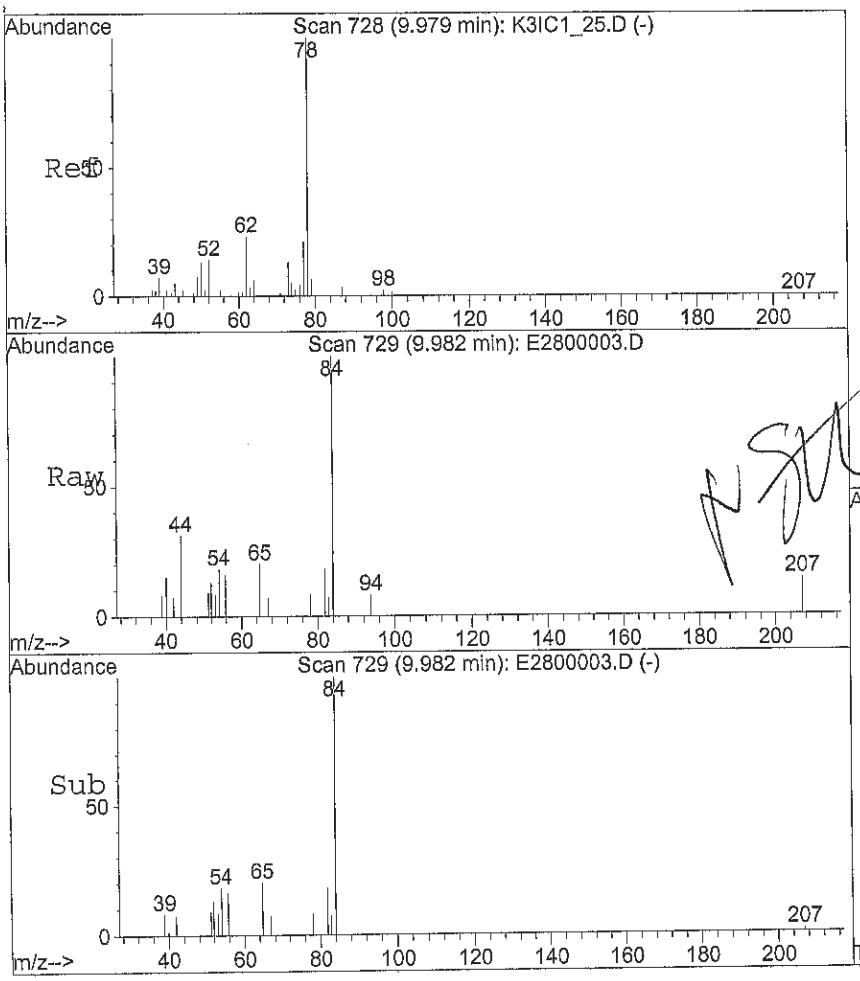


#29
1,1-Dichloropropene
Concen: 0.04 ug/L
RT: 9.94 min Scan# 724
Delta R.T. 0.26 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 75 Resp: 254

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	1151.6	25.0	37.4#

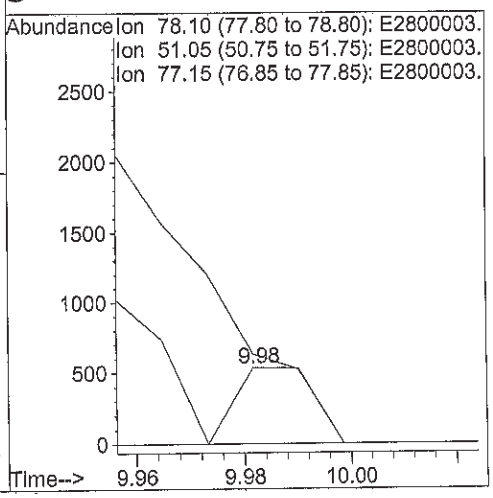


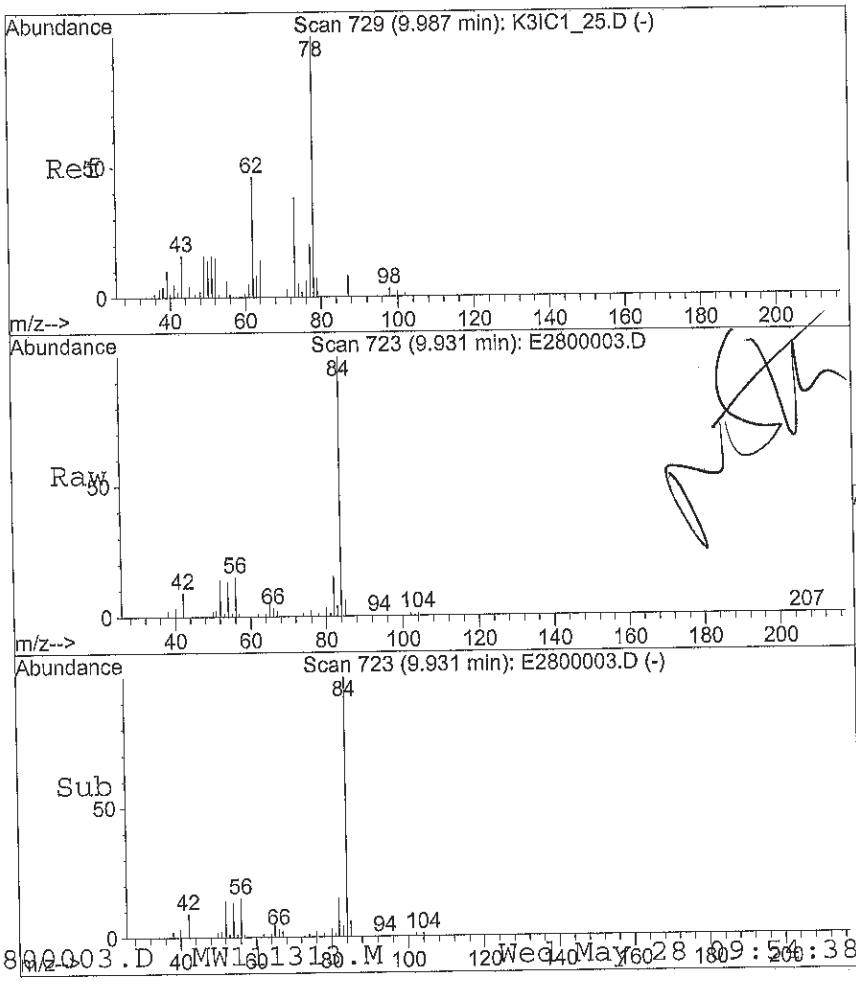


#31
Benzene
Concen: 0.03 ug/L
RT: 9.98 min Scan# 729
Delta R.T. 0.00 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 78 Resp: 539

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	0.0	16.6	24.8#

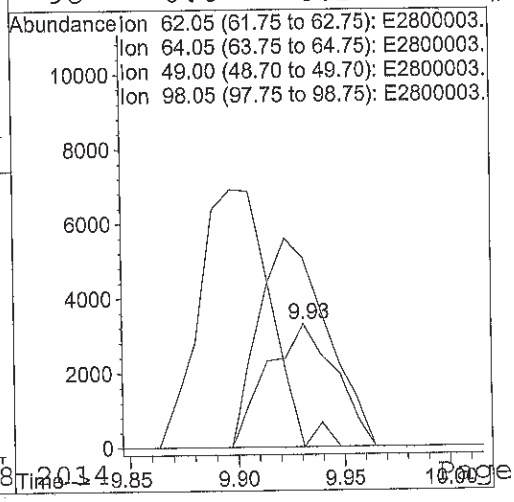


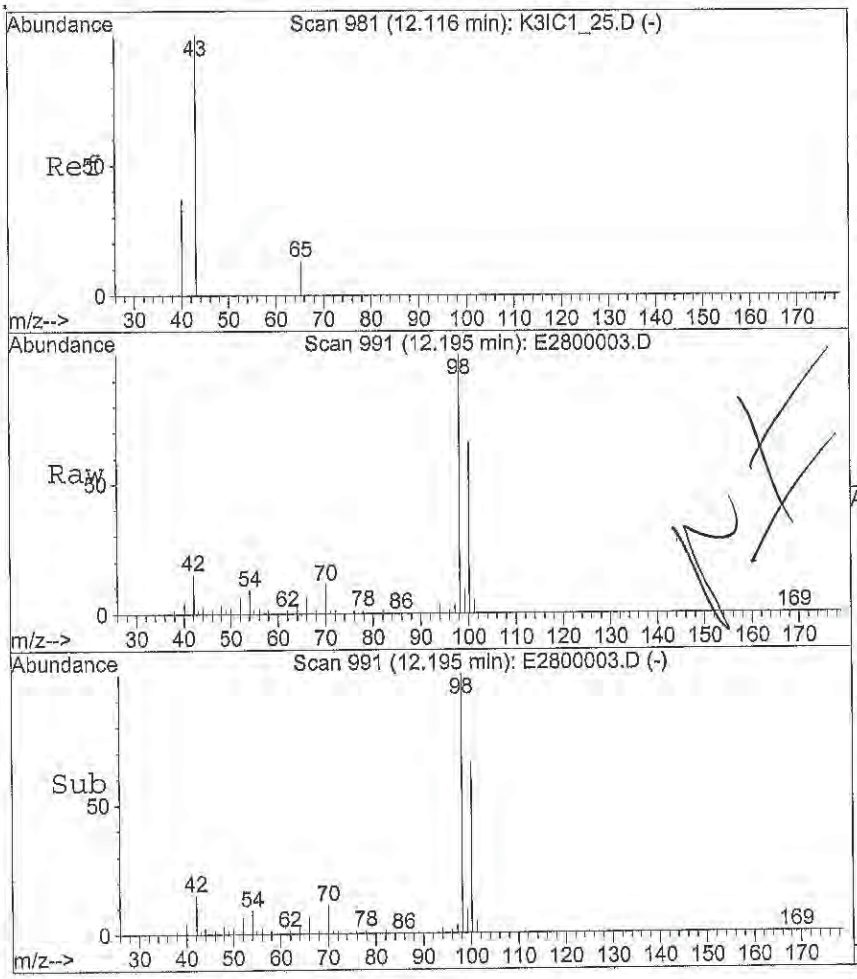


#32
1,2-Dichloroethane
Concen: 1.33 ug/L
RT: 9.93 min Scan# 723
Delta R.T. -0.06 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 62 Resp: 7312

Ion	Ratio	Lower	Upper
62	100		
64	170.1	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

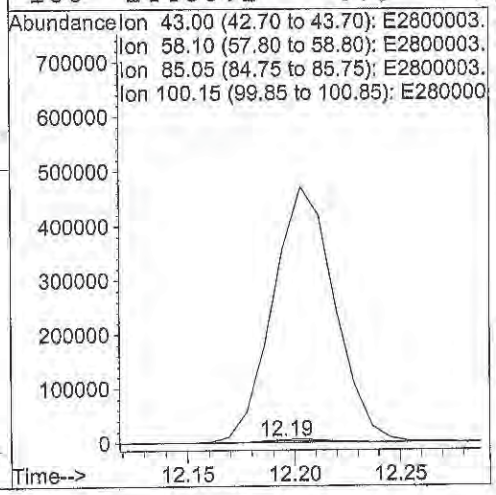


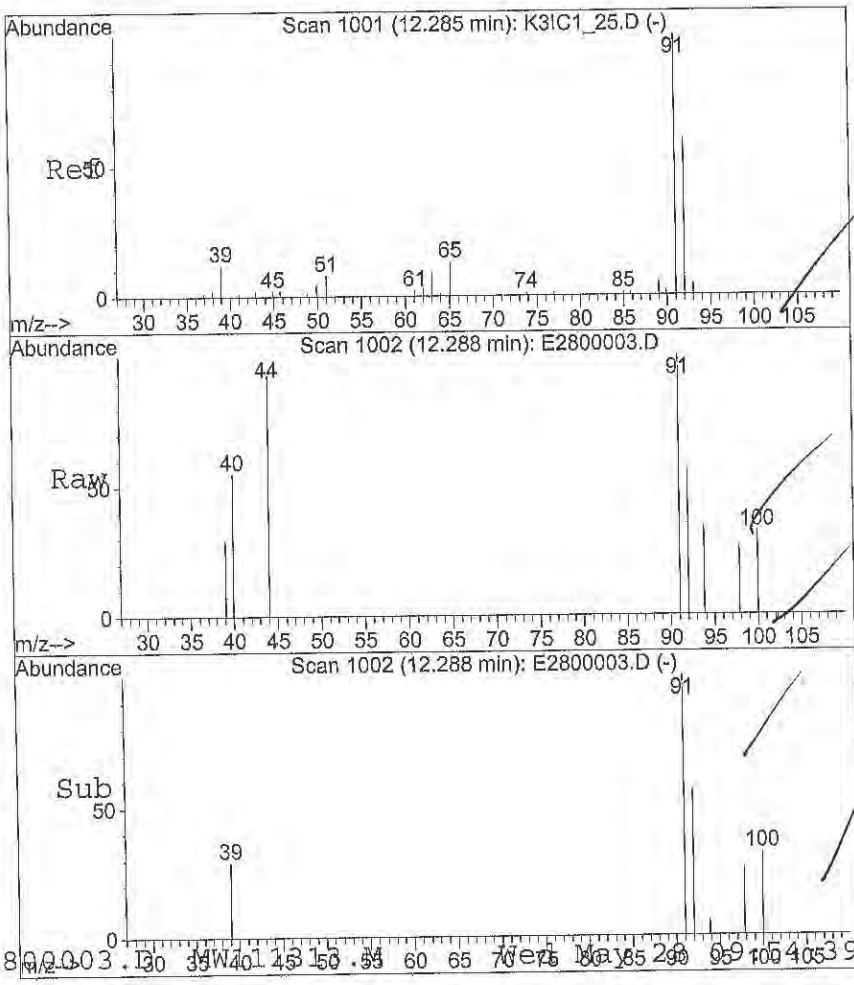


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.60 ug/L
RT: 12.19 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 43 Resp: 6600

Ion	Ratio	Lower	Upper
43	100		
58	166.0	0.0	0.0#
85	0.0	0.0	0.0
100	14460.1	0.0	0.0#

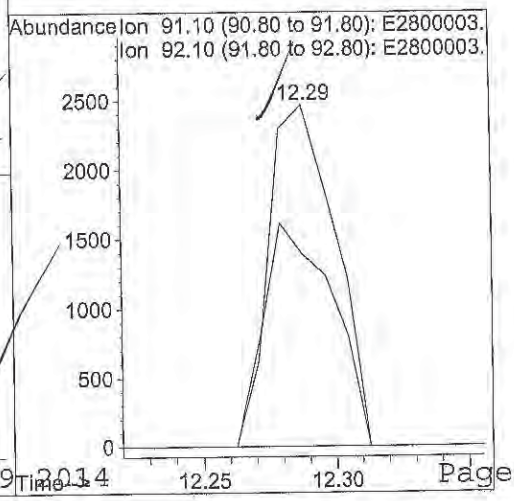


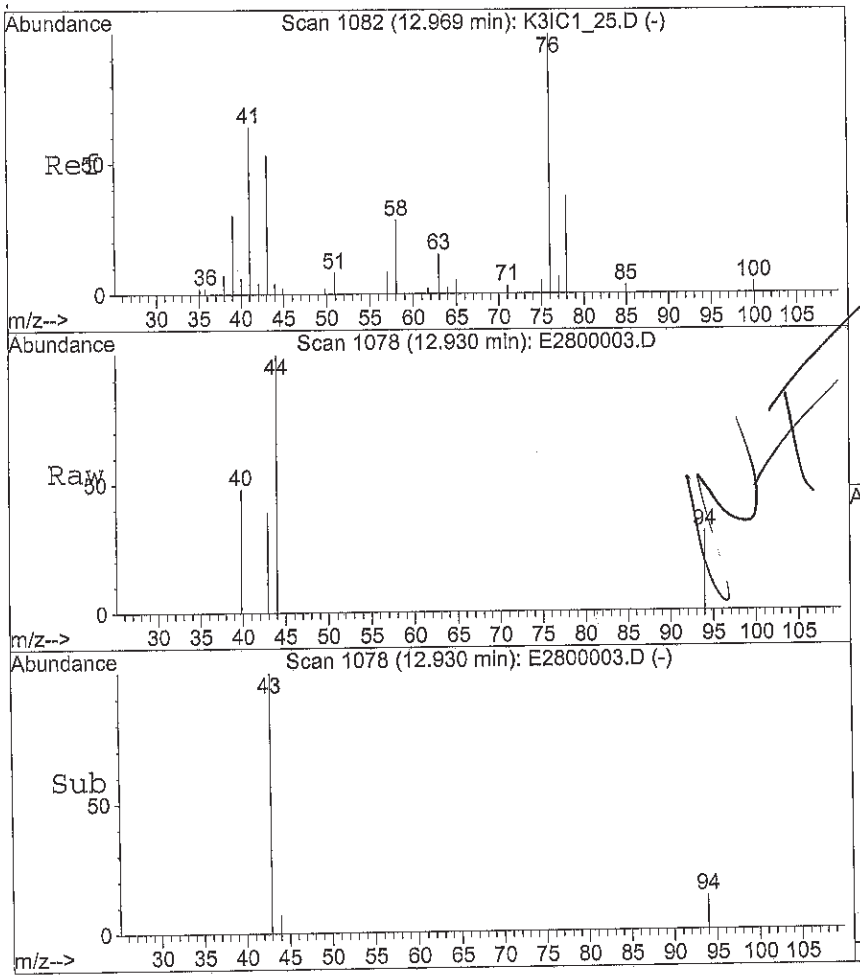


#41
Toluene
Concen: 0.25 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 91 Resp: 4279

Ion	Ratio	Lower	Upper
91	100		
92	68.3	47.4	71.0

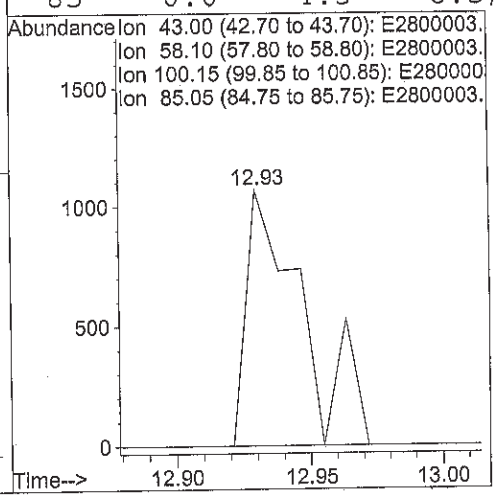


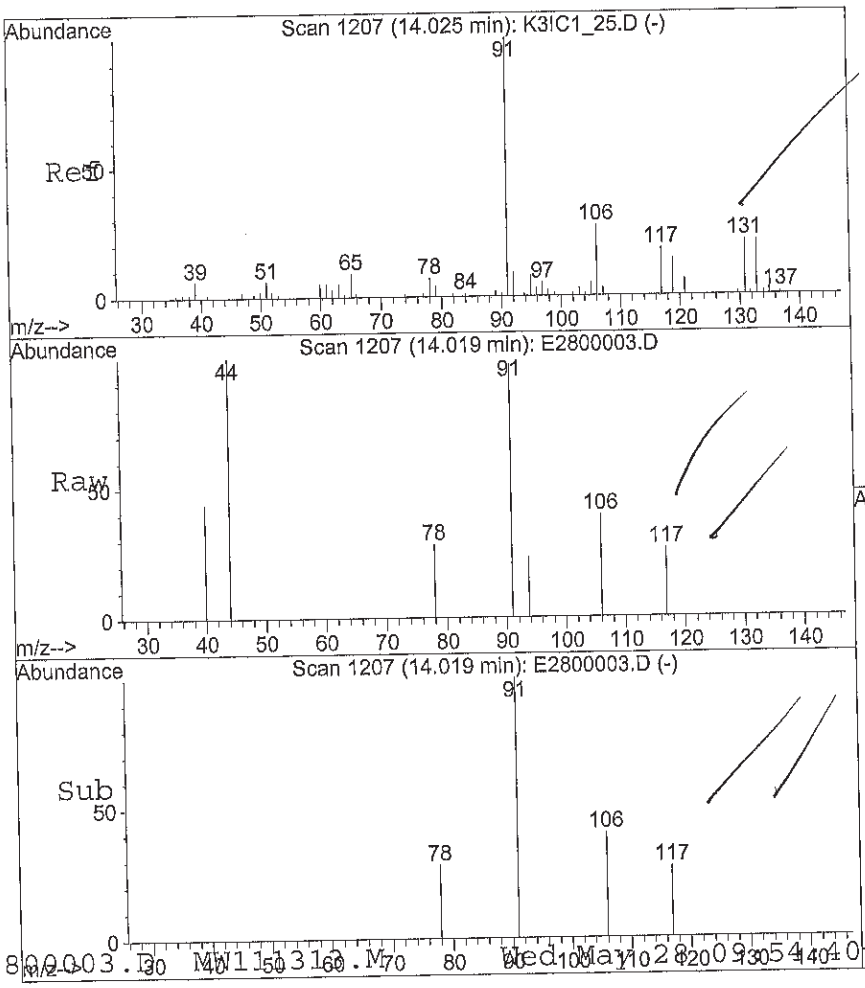


#46
2-Hexanone
Concen: 0.56 ug/L
RT: 12.93 min Scan# 1078
Delta R.T. -0.04 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 43 Resp: 1553

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

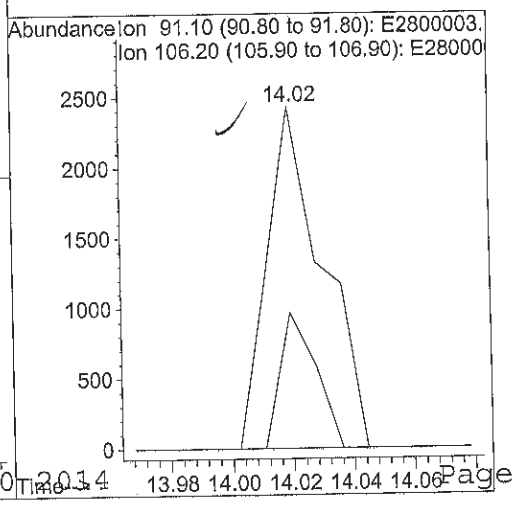


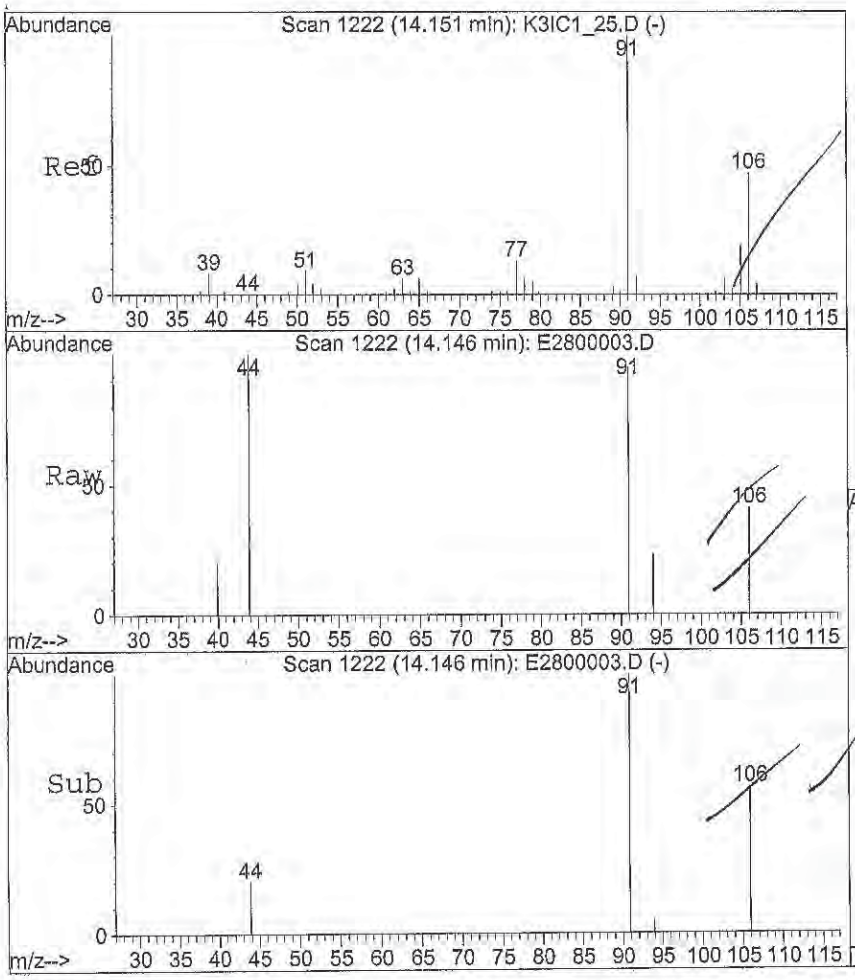


#51
Ethylbenzene
Concen: 0.16 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 91 Resp: 3080

Ion	Ratio	Lower	Upper
91	100		
106	25.5	23.5	35.3

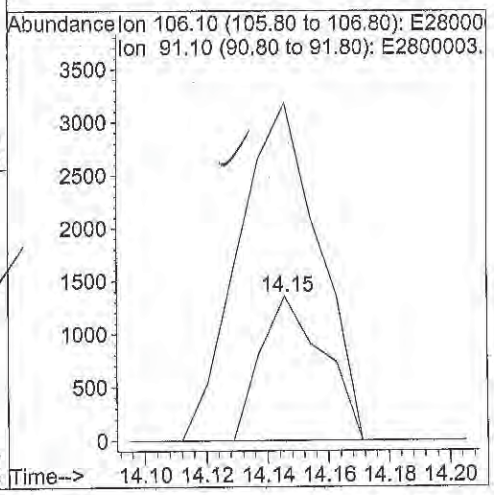


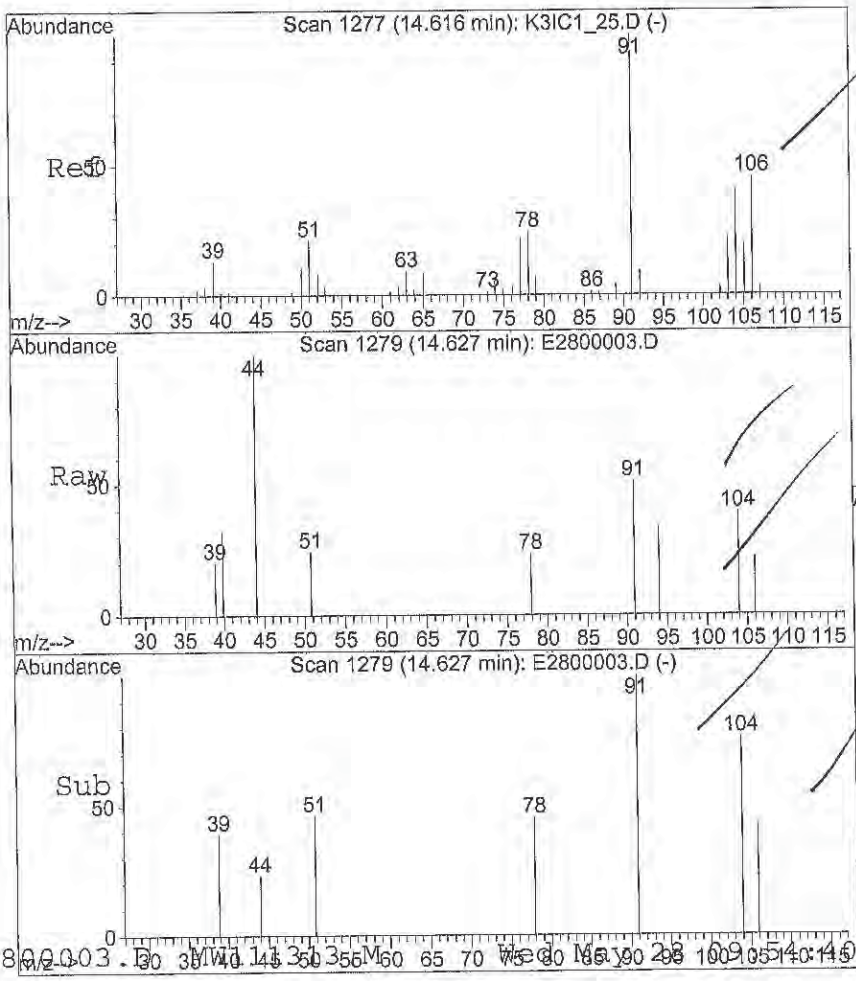


#52
m,p-Xylenes
Concen: 0.28 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:106 Resp: 1929

Ion	Ratio	Lower	Upper
106	100		
91	301.0	177.1	265.7#

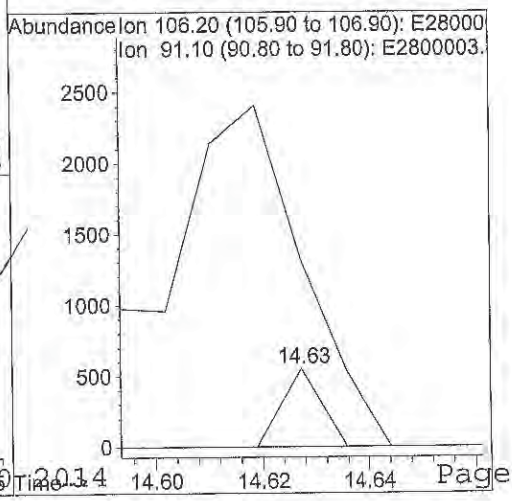


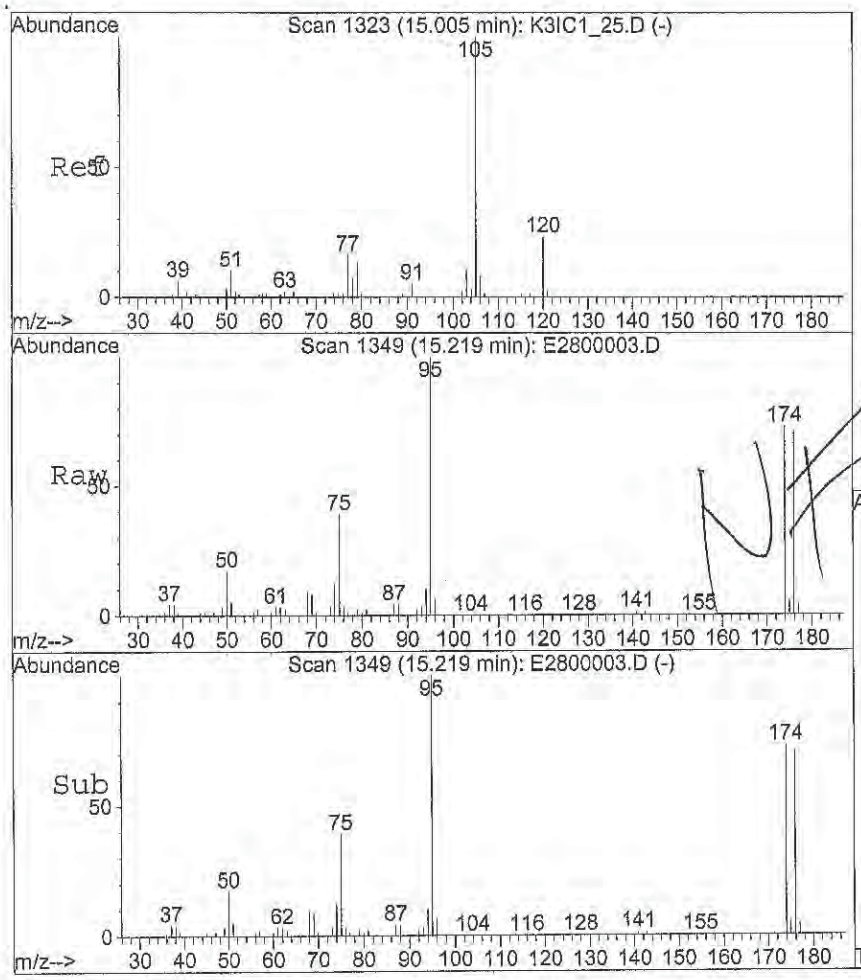


#53
o-Xylene
Concen: 0.04 ug/L
RT: 14.63 min Scan# 1279
Delta R.T. 0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:106 Resp: 280

Ion	Ratio	Lower	Upper
106	100		
91	1509.3	179.0	268.6#

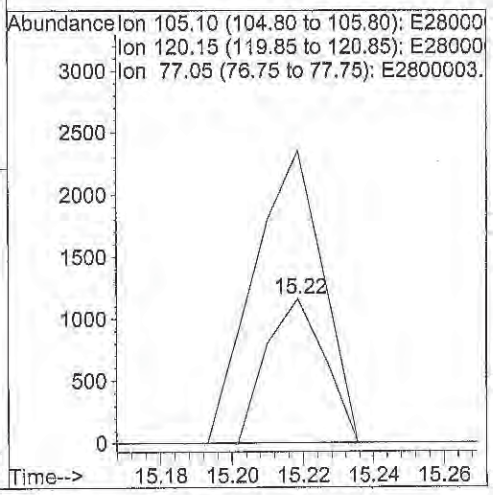


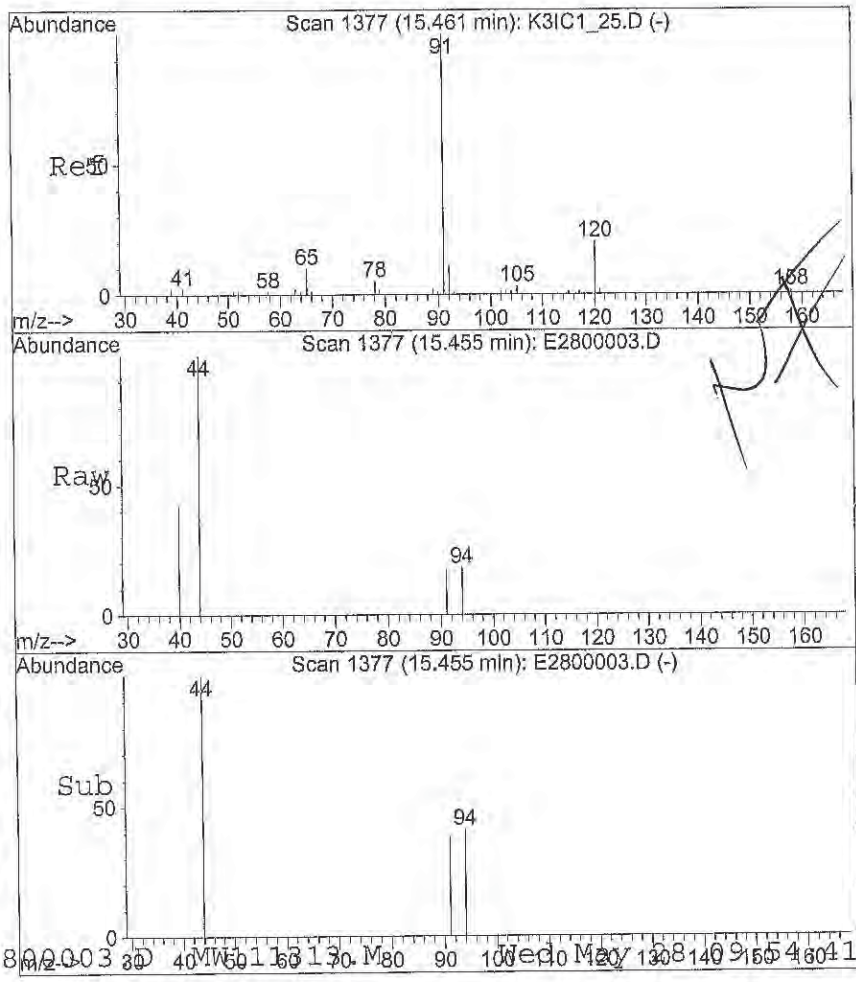


#56
Isopropylbenzene
Concen: 0.07 ug/L
RT: 15.22 min Scan# 1349
Delta R.T. 0.21 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:105 Resp: 1317

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	240.2	13.1	19.7#

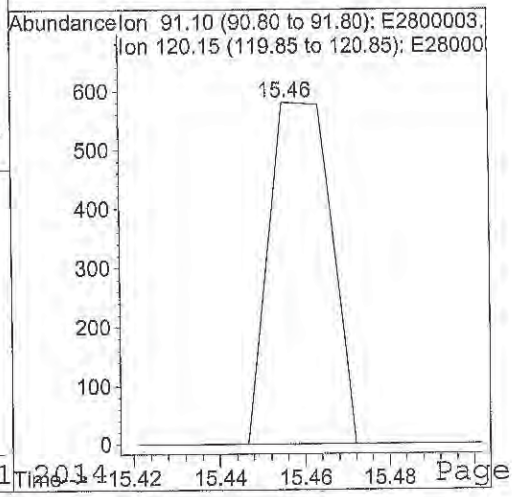


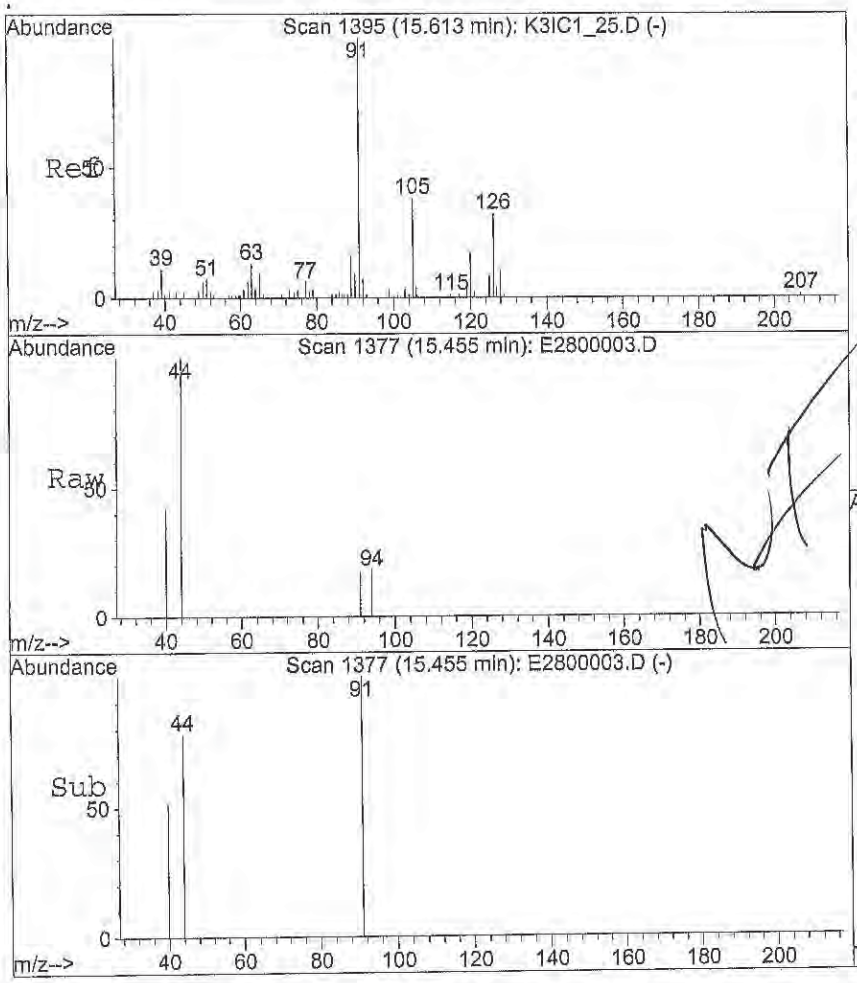


#62
n-Propylbenzene
Concen: 0.02 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 91 Resp: 587

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

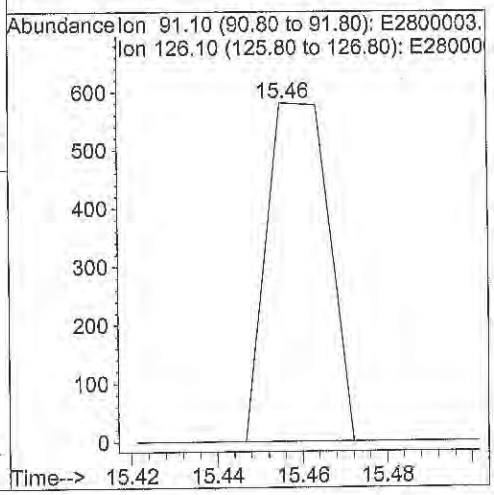


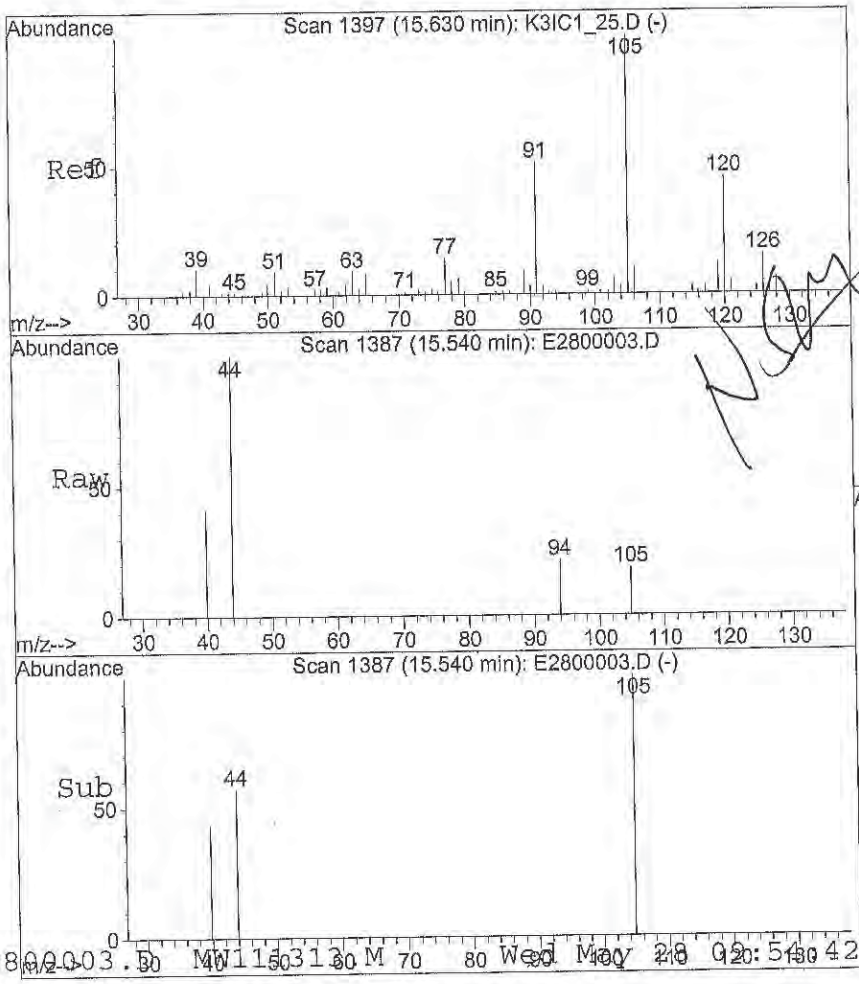


#63
2-Chlorotoluene
Concen: 0.03 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.16 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 91 Resp: 587

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

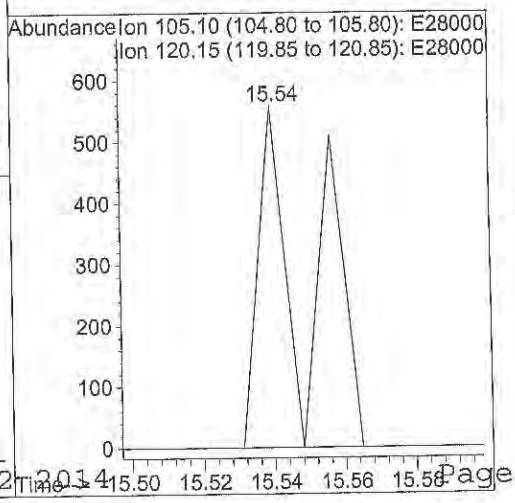


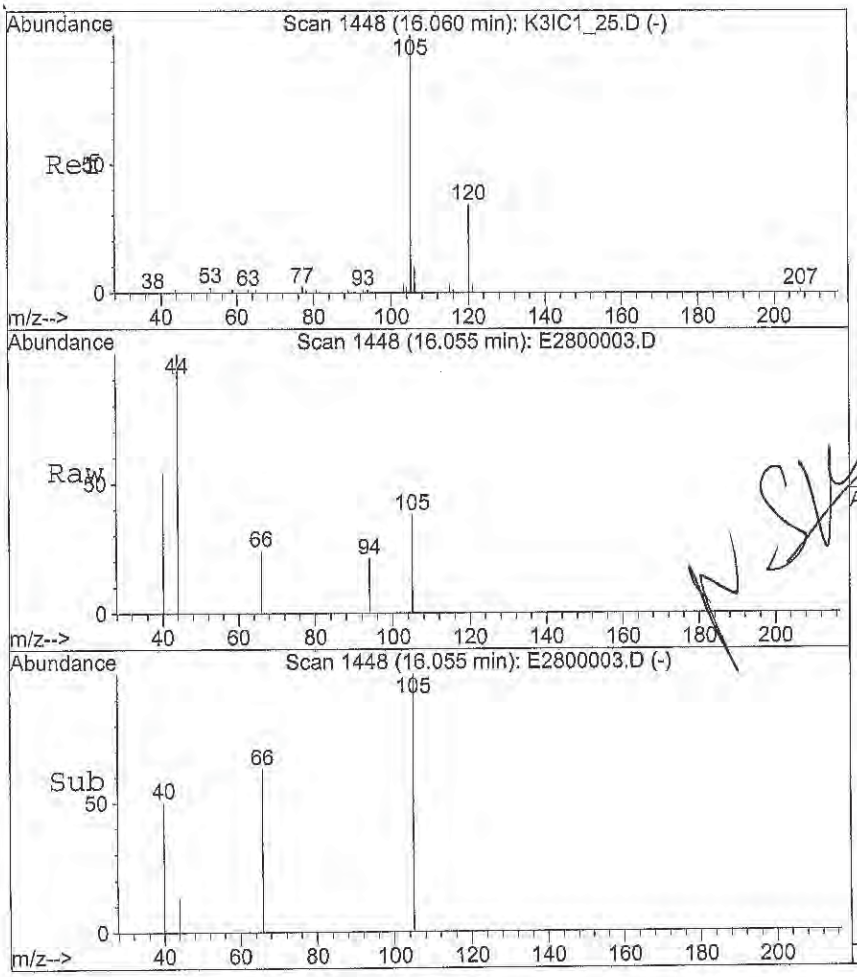


#64
1,3,5-Trimethylbenzene
Concen: 0.03 ug/L
RT: 15.54 min Scan# 1387
Delta R.T. -0.09 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:105 Resp: 541

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

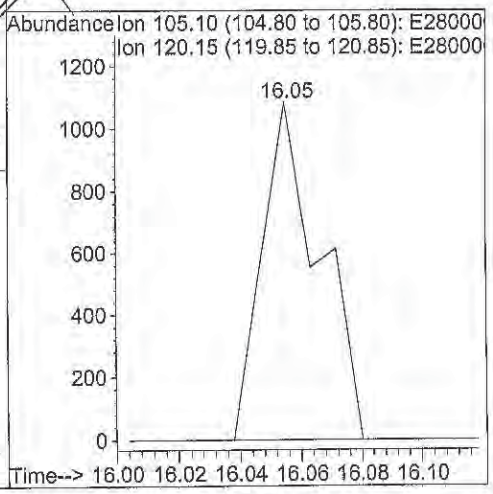


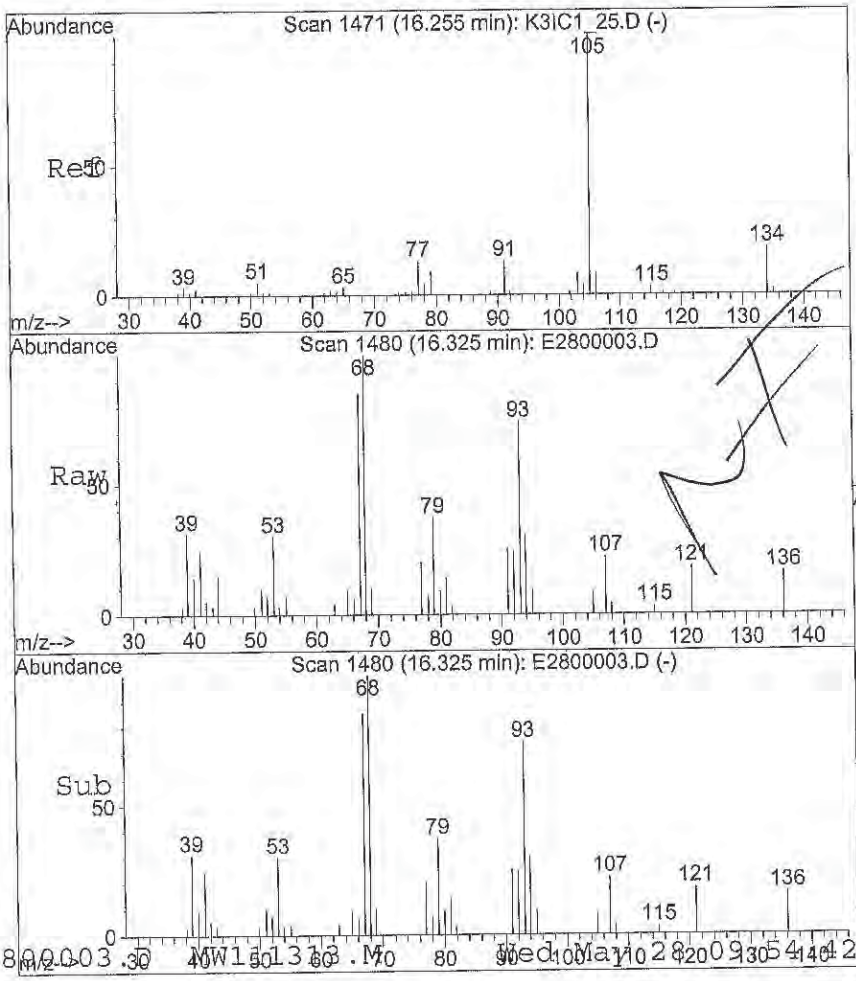


#67
1,2,4-Trimethylbenzene
Concen: 0.08 ug/L
RT: 16.05 min Scan# 1448
Delta R.T. -0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:105 Resp: 1414

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

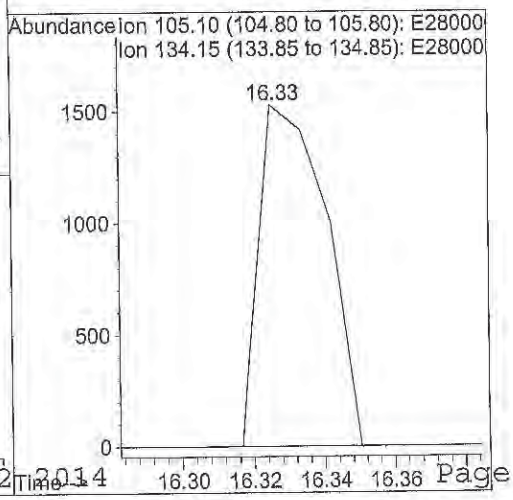


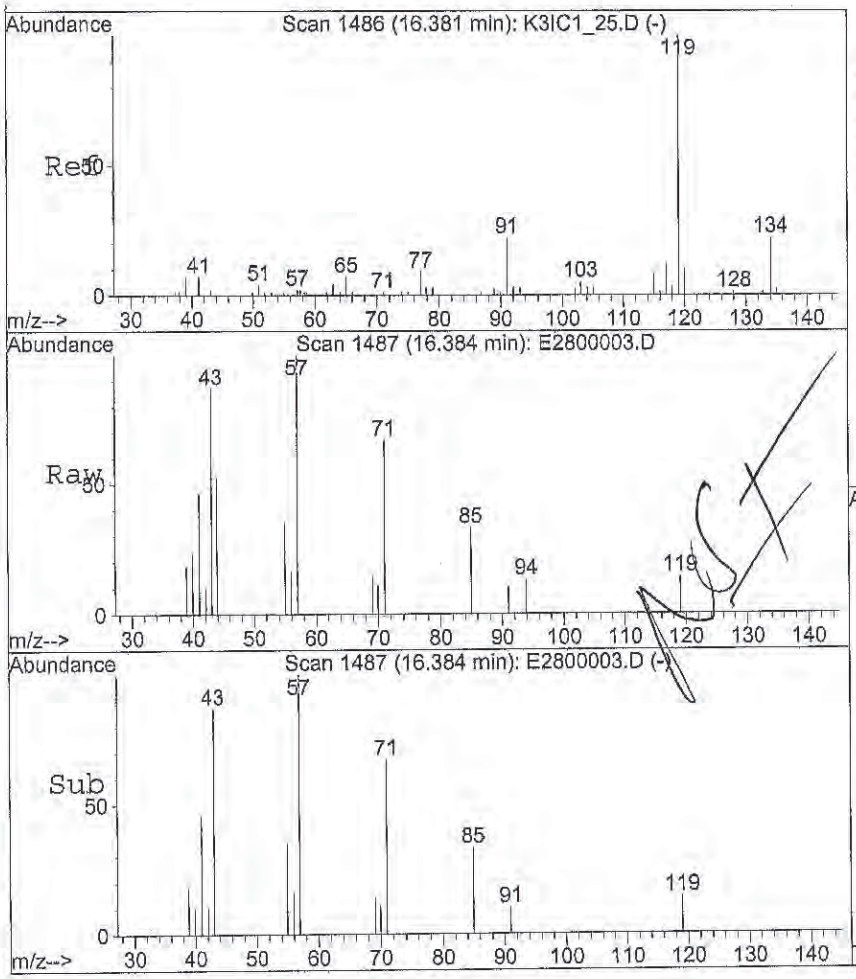


#68
sec-Butylbenzene
Concen: 0.09 ug/L
RT: 16.33 min Scan# 1480
Delta R.T. 0.07 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:105 Resp: 2000

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

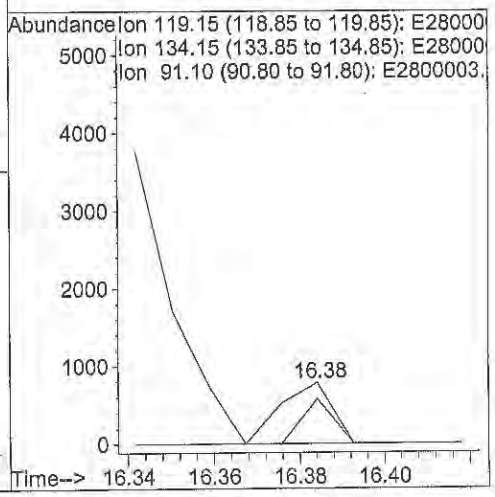


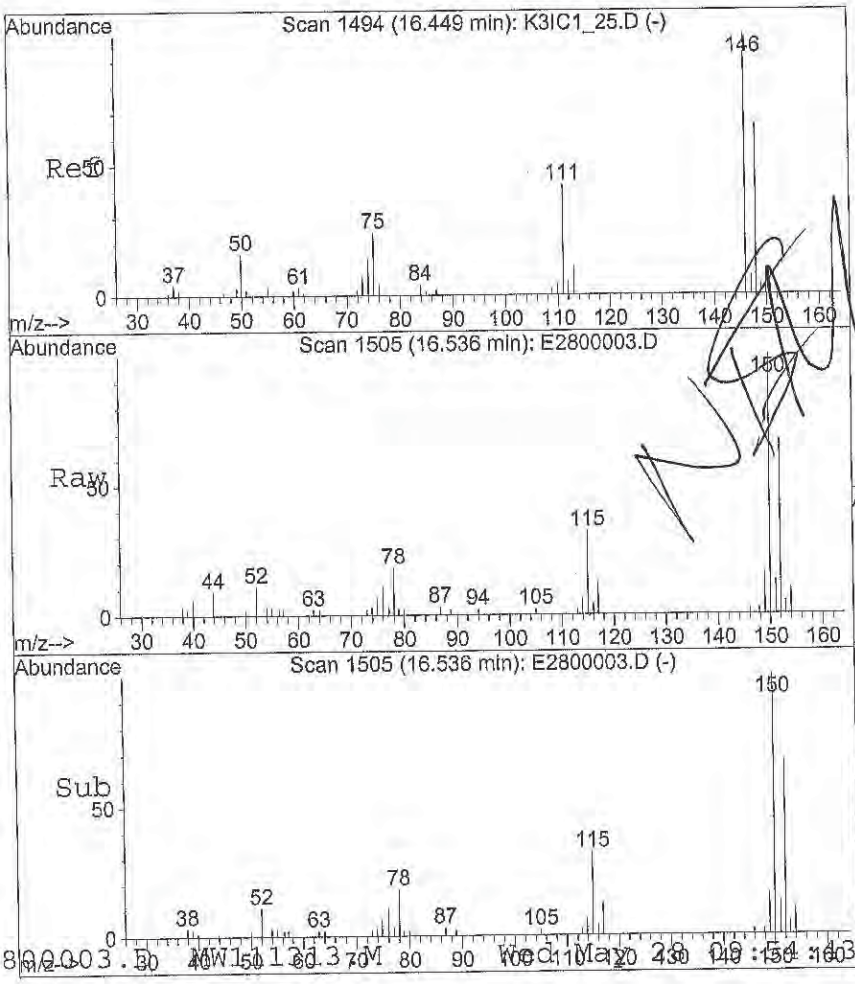


#69
p-Isopropyltoluene
Concen: 0.04 ug/L
RT: 16.38 min Scan# 1487
Delta R.T. 0.00 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:119 Resp: 656

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#

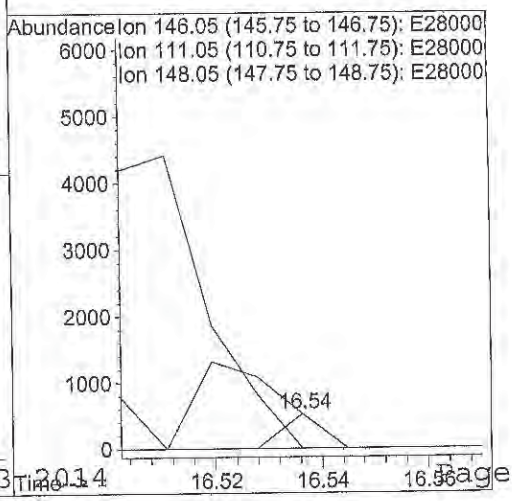


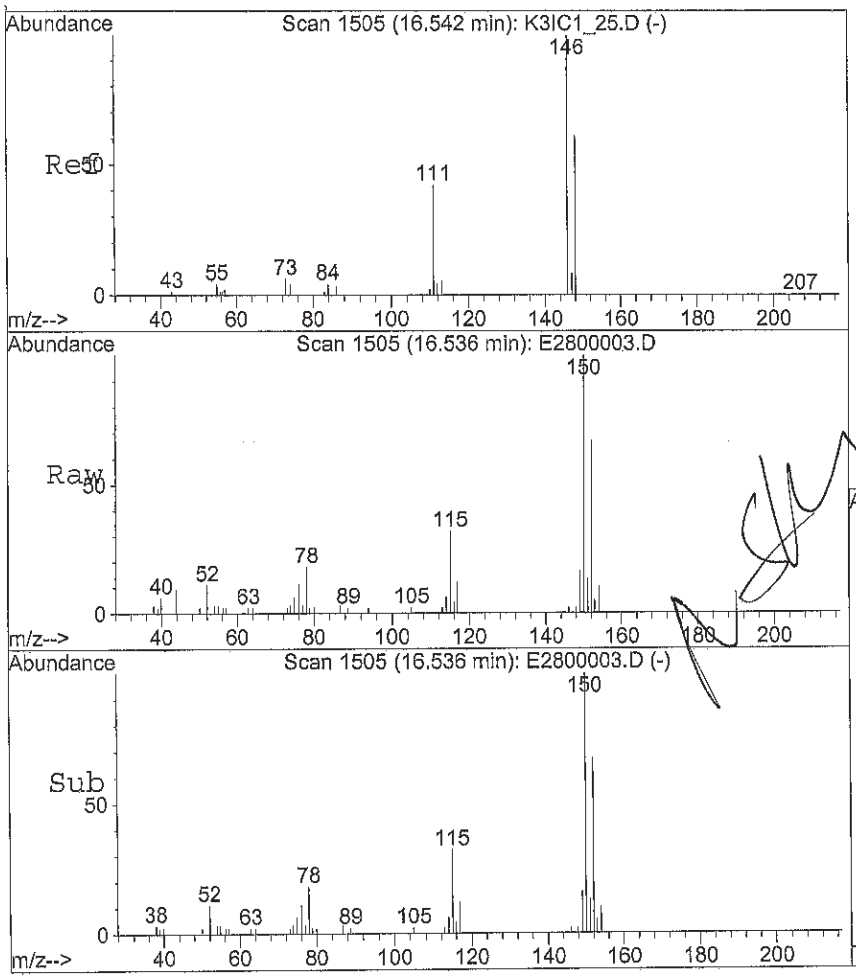


#70
1,3-Dichlorobenzene
Concen: 0.03 ug/L
RT: 16.54 min Scan# 1505
Delta R.T. 0.09 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:146 Resp: 267

Ion	Ratio	Lower	Upper
146	100		
111	0.0	34.2	51.4#
148	0.0	50.9	76.3#

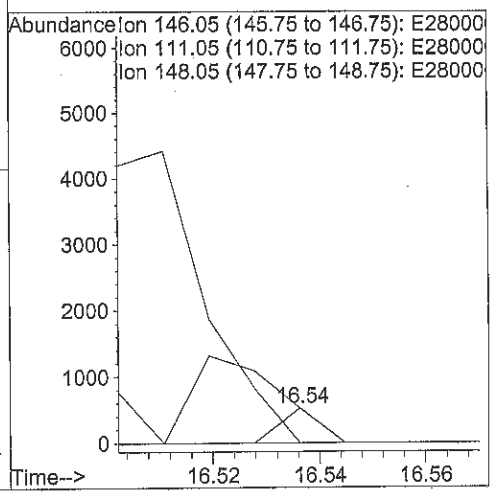


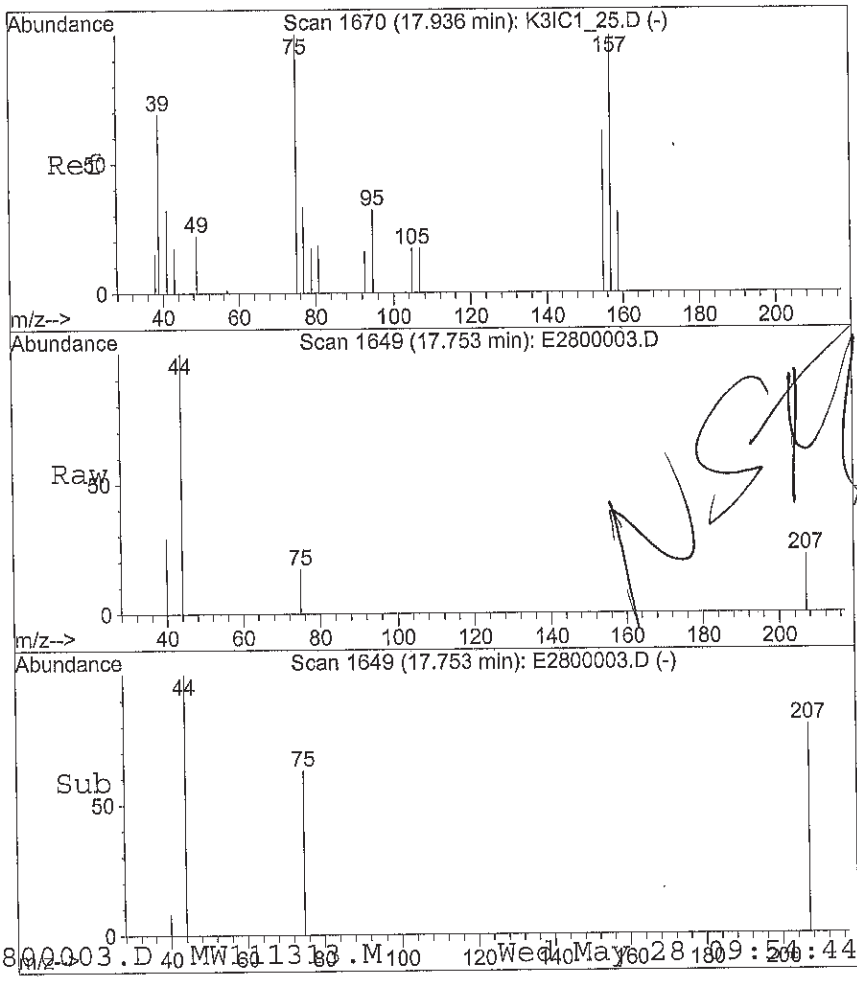


#71
1,4-Dichlorobenzene
Concen: 0.03 ug/L
RT: 16.54 min Scan# 1505
Delta R.T. -0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:146 Resp: 267

Ion	Ratio	Lower	Upper
146	100		
111	0.0	37.6	56.4#
148	0.0	52.6	78.8#

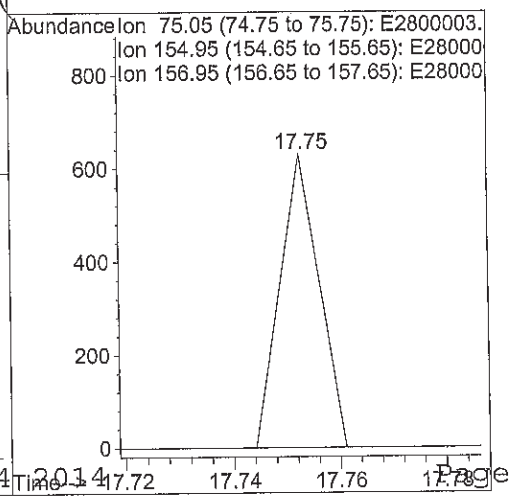


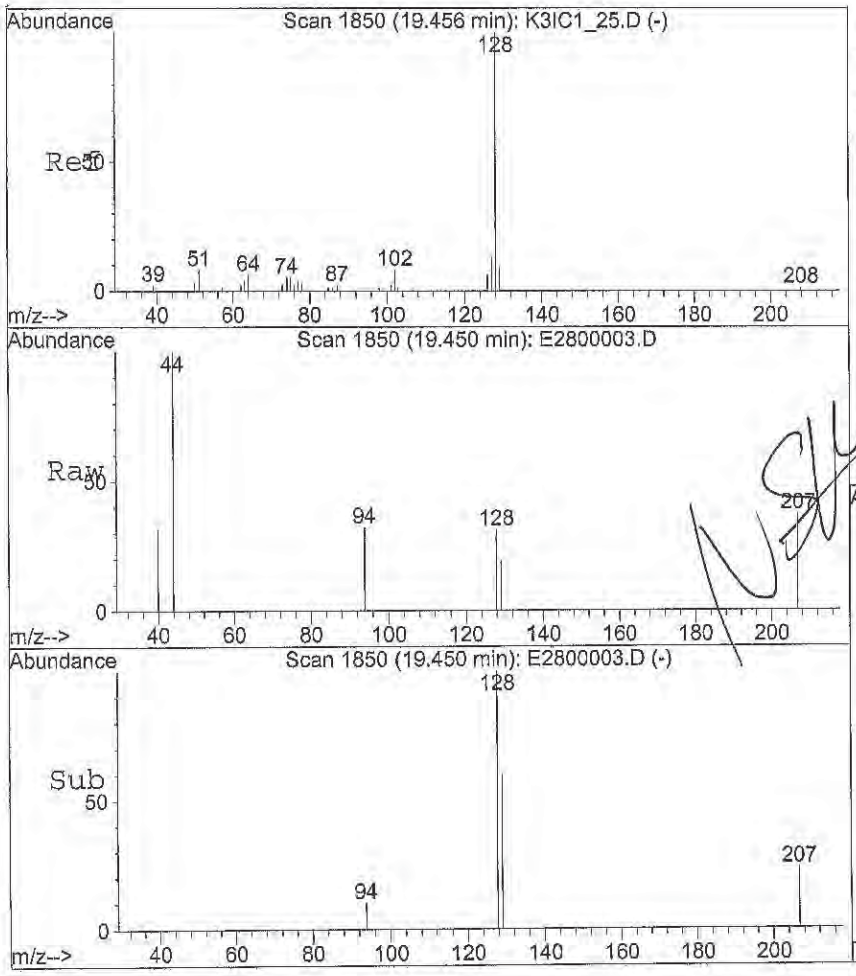


#74
1,2-Dibromo-3-chloropropane
Concen: 1.29 ug/L
RT: 17.75 min Scan# 1649
Delta R.T. -0.18 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion: 75 Resp: 320

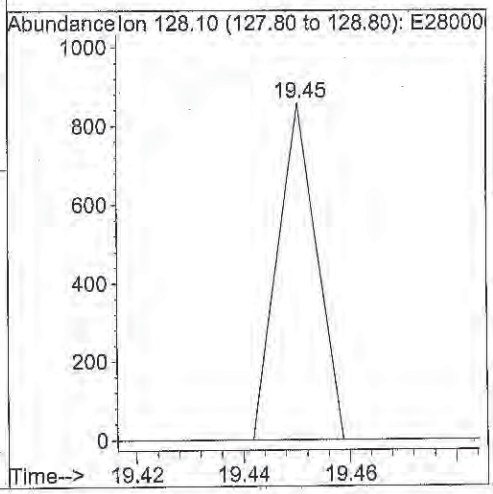
Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.2	88.8#
157	0.0	77.0	115.6#





#77
Naphthalene
Concen: 0.03 ug/L
RT: 19.45 min Scan# 1850
Delta R.T. -0.01 min
Lab File: E2800003.D
Acq: 28 May 2014 9:20 am

Tgt Ion:128 Resp: 436



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800003.D Vial: 2
Acq On : 28 May 2014 9:20 am Operator: DN
Sample : 34E2801-DUP1 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:54 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1647725	12.50	ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.92	117	1270840	12.50	ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	683800	12.50	ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	467241	10.90	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 87.20%			
3) Chloroform-d (SU6)	9.19	84	771632	12.55	ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 100.40%			
4) Methylene Chloride-d2 (SU5	7.08	86	444290	12.36	ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 98.88%			
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	459221	15.68	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 125.44%#			
6) Benzene-d6 (SU7)	9.93	84	1476360	11.42	ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 91.36%			
8) Toluene-d8 (SU3)	12.20	98	1428098	11.84	ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 94.72%			
9) 4-Bromofluorobenzene (SU4)	15.22	95	705094	14.17	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 113.36%			

Target Compounds Qvalue

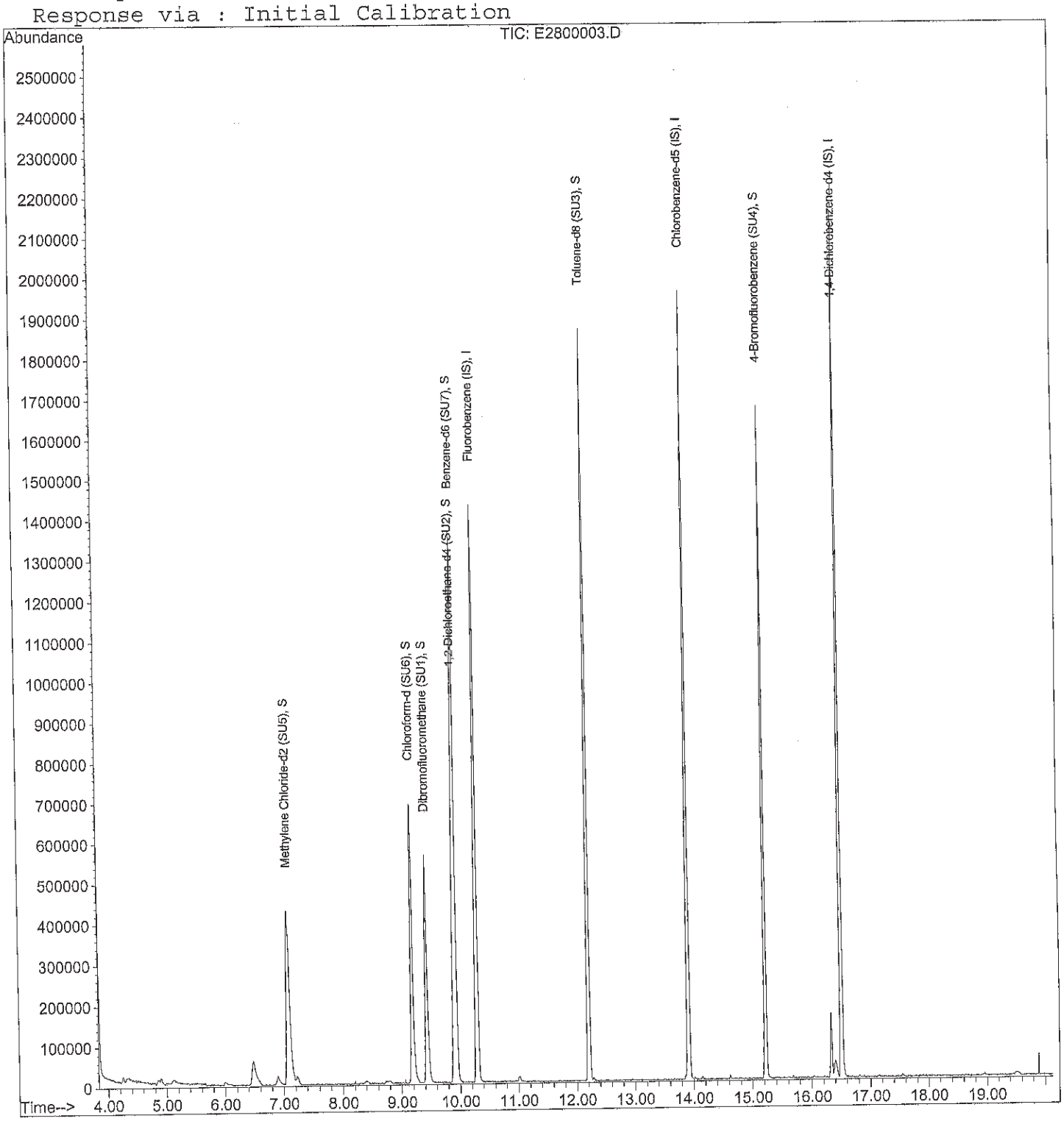
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800003.D
Acq On : 28 May 2014 9:20 am
Sample : 34E2801-DUP1
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 28 9:54 19114

Vial: 2
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



RAW DATA FOR QC SAMPLES AND INITIAL CALIBRATION LABORATORY CONTROL SAMPLES

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28LCS01.D Vial: 10
Acq On : 28 May 2014 6:28 am Operator: DN
Sample : 34E2801-BS1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 7:05 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.30	96	1521673	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1091734	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.52	152	541503	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.45	113	427522	11.26 ug/L	0.02
Spiked Amount 12.500	Range 75 - 125		Recovery =	90.08%	
28) 1,2-Dichloroethane-d4 (SU2	9.91	65	429310	11.90 ug/L	0.02
Spiked Amount 12.500	Range 75 - 125		Recovery =	95.20%	
39) Toluene-d8 (SU3)	12.22	98	1313190	12.90 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	103.20%	
58) 4-Bromofluorobenzene (SU4)	15.22	95	565781	12.67 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	101.36%	

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.11	85	51531	1.38 ug/L	96
4) Chloromethane	4.45	50	32449	1.15 ug/L	41
5) Vinyl Chloride	4.61	62	38058	1.42 ug/L	81
6) Bromomethane	5.14	96	24975	1.31 ug/L	99
7) Chloroethane	5.28	64	16993	1.43 ug/L	88
8) (F11) Trichlorofluorometha	5.67	101	59206	1.42 ug/L	91
9) (F113) 1,1,2-Trichloro-tri	6.38	151	38237	1.28 ug/L	97
10) 1,1-Dichloroethene	6.45	96	50573	1.41 ug/L	90
11) Acetone	6.46	58	49860	-12.50 ug/L	73
12) (IPA) Leak Check Compound	6.54	45	434841	237.81 ug/L	100
13) Carbon disulfide	6.87	76	144270	1.14 ug/L	100
14) Methylene Chloride	7.12	84	57184	1.37 ug/L	97
15) (TBA) tert-Butanol	7.11	59	9123	3.52 ug/L	96
16) (MTBE) Methyl-t-butyl ethe	7.42	73	121500	1.41 ug/L	97
17) trans-1,2-Dichloroethene	7.49	96	57431	1.40 ug/L	96
18) 1,1-Dichloroethane	8.08	63	80543	1.18 ug/L	98
19) cis-1,2-Dichloroethene	8.85	96	56496	1.19 ug/L	93
20) 2,2-Dichloropropane	8.84	77	673	0.01 ug/L #	1
21) (MEK) 2-Butanone	8.80	72	11356	2.65 ug/L #	52
22) (DIPE) Diisopropyl Ether	8.02	45	163308	1.37 ug/L	98
23) Bromochloromethane	9.18	128	23745	1.17 ug/L #	84
24) Chloroform	9.23	83	98332	1.23 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28LCS01.D Vial: 10
Acq On : 28 May 2014 6:28 am Operator: DN
Sample : 34E2801-BS1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 7:05 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) (ETBE) 2-ethoxy 2-methyl p	8.51	59	114728	1.04 ug/L #	99
26) 1,1,1-Trichloroethane	9.51	97	72777	1.16 ug/L	95
27) (TAME) tert-Amyl methyl et	10.01	73	103114	1.08 ug/L	95
29) 1,1-Dichloropropene	9.70	75	70687	1.20 ug/L	97
30) Carbon Tetrachloride	13.90	117	58555	1.14 ug/L	97
31) Benzene	9.99	78	181411	1.27 ug/L	96
32) 1,2-Dichloroethane	10.00	62	58990	1.16 ug/L	95
33) Trichloroethene	10.75	130	58787	1.27 ug/L	98
34) 1,2-Dichloropropane	11.06	63	45156	1.32 ug/L #	79
35) Dibromomethane	11.22	93	36426	1.36 ug/L	98
36) Bromodichloromethane	11.36	83	61039	1.13 ug/L	95
37) cis-1,3-Dichloropropene	11.88	75	58023	0.99 ug/L	94
40) (MIBK) 4-Methyl-2-Pentanon	12.12	43	25643	1.18 ug/L #	100
41) Toluene	12.29	91	194649	1.31 ug/L	99
42) trans-1,3-Dichloropropene	12.52	75	45472	0.93 ug/L #	76
43) 1,1,2-Trichloroethane	12.76	83	37347	1.39 ug/L #	87
44) Tetrachloroethene	12.94	164	60650	1.16 ug/L	95
45) 1,3-Dichloropropane	12.97	76	65111	1.27 ug/L	100
46) 2-Hexanone	12.98	43	66688	2.79 ug/L #	96
47) Dibromochloromethane	13.26	129	49025	1.28 ug/L #	100
48) 1,2-Dibromoethane	13.43	107	50983	1.47 ug/L	97
49) Chlorobenzene	13.97	112	137573	1.37 ug/L	98
50) 1,1,1,2-Tetrachloroethane	14.03	131	44494	1.25 ug/L	94
51) Ethylbenzene	14.03	91	223863	1.32 ug/L	99
52) m,p-Xylenes	14.15	106	163234	2.71 ug/L	98
53) o-Xylene	14.62	106	77130	1.30 ug/L	95
54) Styrene	14.63	104	129033	1.50 ug/L	97
55) Bromoform	14.92	173	33864	1.56 ug/L	96
56) Isopropylbenzene	15.01	105	216011	1.33 ug/L	100
57) 1,2,3-Trichloropropane	15.43	75	78760	1.77 ug/L #	1
60) 1,1,2,2-Tetrachloroethane	15.34	83	68427	1.75 ug/L	94
61) Bromobenzene	15.44	156	57443	1.35 ug/L	93
62) n-Propylbenzene	15.47	91	277436	1.27 ug/L	99
63) 2-Chlorotoluene	15.62	91	182660	1.36 ug/L	98
64) 1,3,5-Trimethylbenzene	15.63	105	178725	1.32 ug/L	99
65) 4-Chlorotoluene	15.73	91	177020	1.42 ug/L	99
66) tert-Butylbenzene	16.02	119	146106	1.27 ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28LCS01.D Vial: 10
Acq On : 28 May 2014 6:28 am Operator: DN
Sample : 34E2801-BS1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 7:05 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

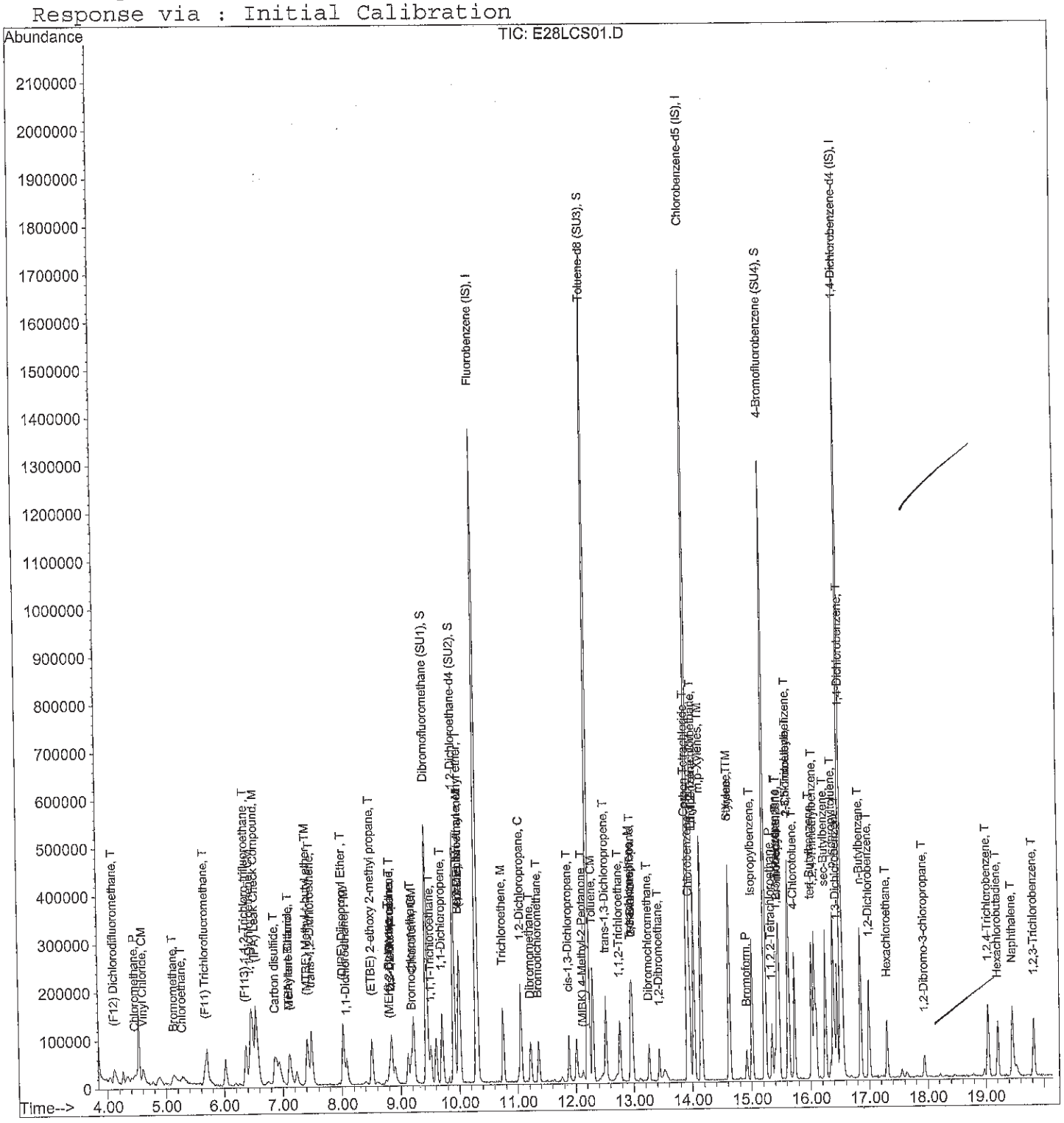
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
67) 1,2,4-Trimethylbenzene	16.07	105	194221	1.38 ug/L	98
68) sec-Butylbenzene	16.25	105	249450	1.37 ug/L	96
69) p-Isopropyltoluene	16.39	119	185276	1.25 ug/L	93
70) 1,3-Dichlorobenzene	16.45	146	108377	1.35 ug/L	98
71) 1,4-Dichlorobenzene	16.54	146	105481	1.32 ug/L	98
72) n-Butylbenzene	16.85	91	207803	1.34 ug/L	98
73) 1,2-Dichlorobenzene	17.00	146	99955	1.40 ug/L	98
74) 1,2-Dibromo-3-chloropropan	17.94	75	14914	2.43 ug/L #	81
75) 1,2,4-Trichlorobenzene	19.04	180	64610	1.34 ug/L	97
76) Hexachlorobutadiene	19.21	225	28036	1.29 ug/L	95
77) Naphthalene	19.46	128	169799	1.59 ug/L	100
78) Hexachloroethane	17.30	201	19328	1.23 ug/L	91
79) 1,2,3-Trichlorobenzene	19.83	180	57578	1.26 ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E28LCS01.D Vial: 10
Acq On : 28 May 2014 6:28 am Operator: DN
Sample : 34E2801-BS1 Inst : GC/MS Ins
Misc : 20cc 1.25/2.5/12.5 ug/L LCS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 28 7:05 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration



RAW DATA FOR QC SAMPLES AND INITIAL CALIBRATION BLANK

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28BLK01.D
Acq On : 28 May 2014 7:43 am
Sample : 34E2801-BLK1
Misc : 100cc AMBIENT AIR/H20
MS Integration Params: rteint.p
Quant Time: May 28 8:13 19114

Vial: 11
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1886088	12.50	ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1421471	12.50	ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	727836	12.50	ug/L	0.00

System Monitoring Compounds						
2) Dibromofluoromethane (SU1)	9.43	113	523637	11.13	ug/L	0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 89.04%			
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	519676	11.62	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 92.96%			
39) Toluene-d8 (SU3)	12.20	98	1619271	12.21	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 97.68%			
58) 4-Bromofluorobenzene (SU4)	15.22	95	780429	13.42	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 107.36%			

Target Compounds						Qvalue
4) Chloromethane	4.40	50	4477	0.19	~~ug/L #~~	63
6) Bromomethane	5.14	96	4630	0.45	~~ug/L~~	90
7) Chloroethane	5.47	64	779	1.18	~~ug/L~~	89
11) Acetone	6.47	58	6791	4.29	~~ug/L~~	79
12) (IPA) Leak Check Compound	6.49	45	79782	352.02	~~ug/L #~~	84
14) Methylene Chloride	7.08	84	6757	1.30	~~ug/L #~~	1
15) (TBA) tert-Butanol	6.90	59	613	1.91	~~ug/L #~~	77
24) Chloroform	9.21	83	11505	1.16	~~ug/L #~~	18
31) Benzene	9.98	78	1971	0.11	~~ug/L #~~	57
32) 1,2-Dichloroethane	9.92	62	6880	1.10	~~ug/L #~~	1
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	8470	2.99	~~ug/L #~~	100
41) Toluene	12.29	91	12619	0.65	ug/L 0.013	86
46) 2-Hexanone	12.97	43	627	0.20	~~ug/L #~~	37
51) Ethylbenzene	14.15	91	4274	0.19	~~ug/L~~	96
52) m,p-Xylenes	14.14	106	1580	0.20	ug/L #0.0047	70
53) o-Xylene	14.62	106	455	0.06	ug/L #0.0012	71
54) Styrene	14.62	104	1816	-0.71	~~ug/L #~~	61
56) Isopropylbenzene	15.22	105	1840	0.09	~~ug/L #~~	1
62) n-Propylbenzene	15.46	91	902	0.03	~~ug/L #~~	56
63) 2-Chlorotoluene	15.62	91	283	0.02	~~ug/L #~~	45
64) 1,3,5-Trimethylbenzene	15.54	105	623	0.03	~~ug/L #~~	31
65) 4-Chlorotoluene	15.62	91	283	0.02	~~ug/L #~~	44

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28BLK01.D Vial: 11
Acq On : 28 May 2014 7:43 am Operator: DN
Sample : 34E2801-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 8:13 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

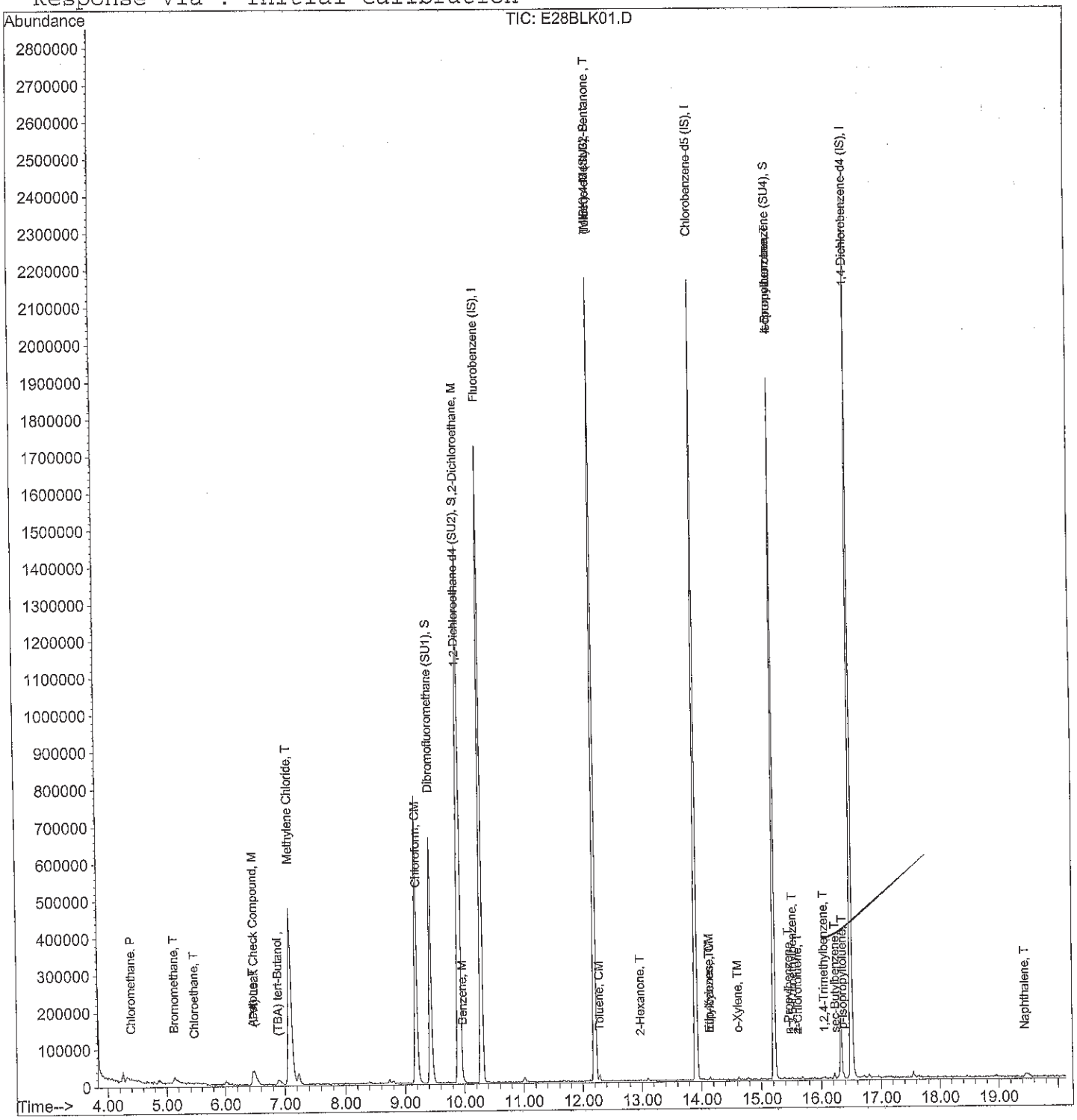
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
67) 1,2,4-Trimethylbenzene	16.06	105	3223	0.17 ug/L 0.0034	92
68) sec-Butylbenzene	16.25	105	317	0.01 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	5081	0.26 ~~ug/L~~ #	67
77) Naphthalene	19.44	128	813	0.06 ~~ug/L~~	100

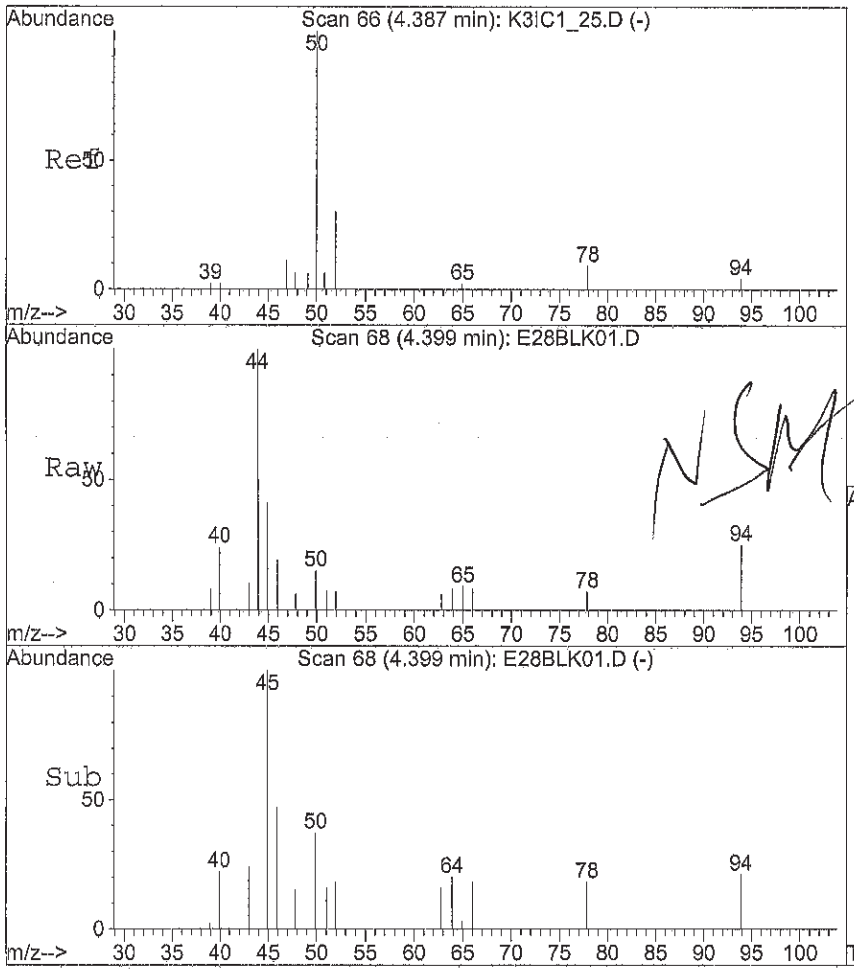
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E28BLK01.D Vial: 11
Acq On : 28 May 2014 7:43 am Operator: DN
Sample : 34E2801-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 8:13 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

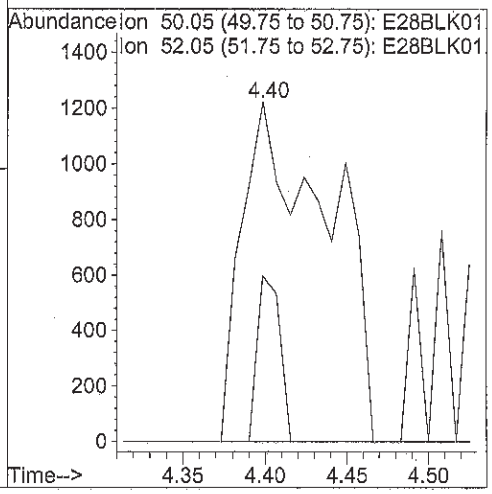


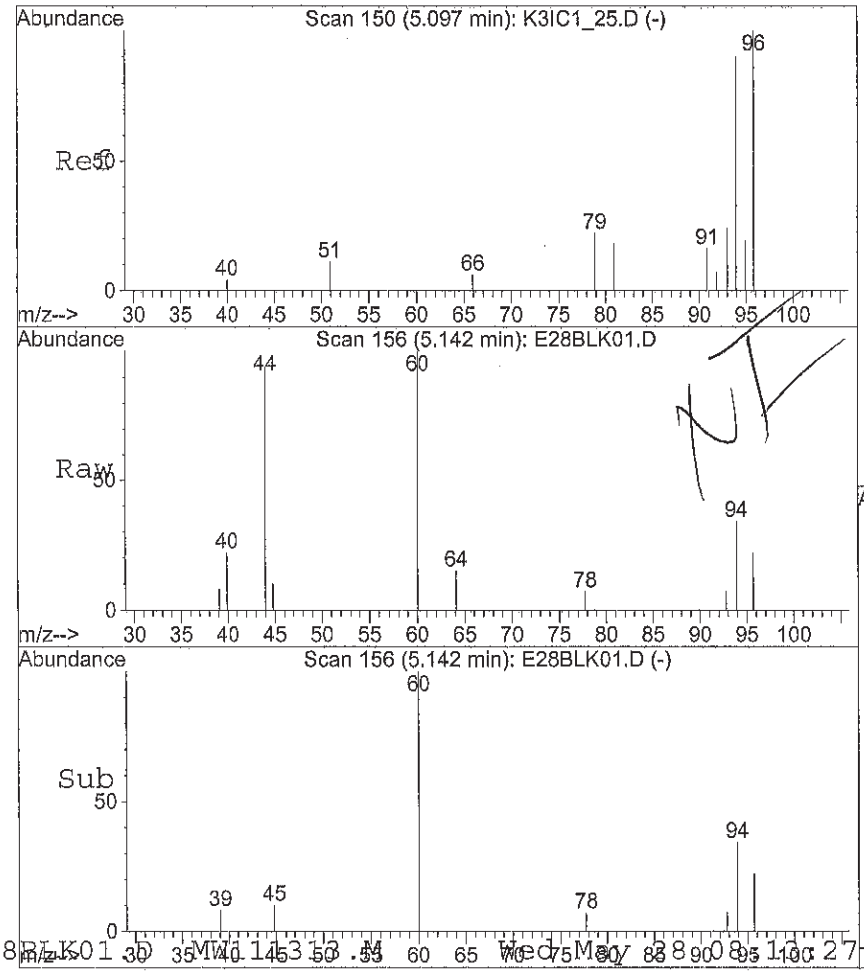


#4
Chloromethane
Concen: 0.19 ug/L
RT: 4.40 min Scan# 68
Delta R.T. 0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 50 Resp: 4477

Ion	Ratio	Lower	Upper
50	100		
52	12.8	26.9	40.3#

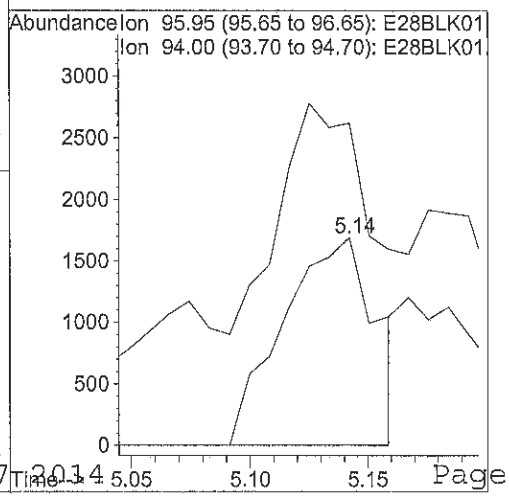


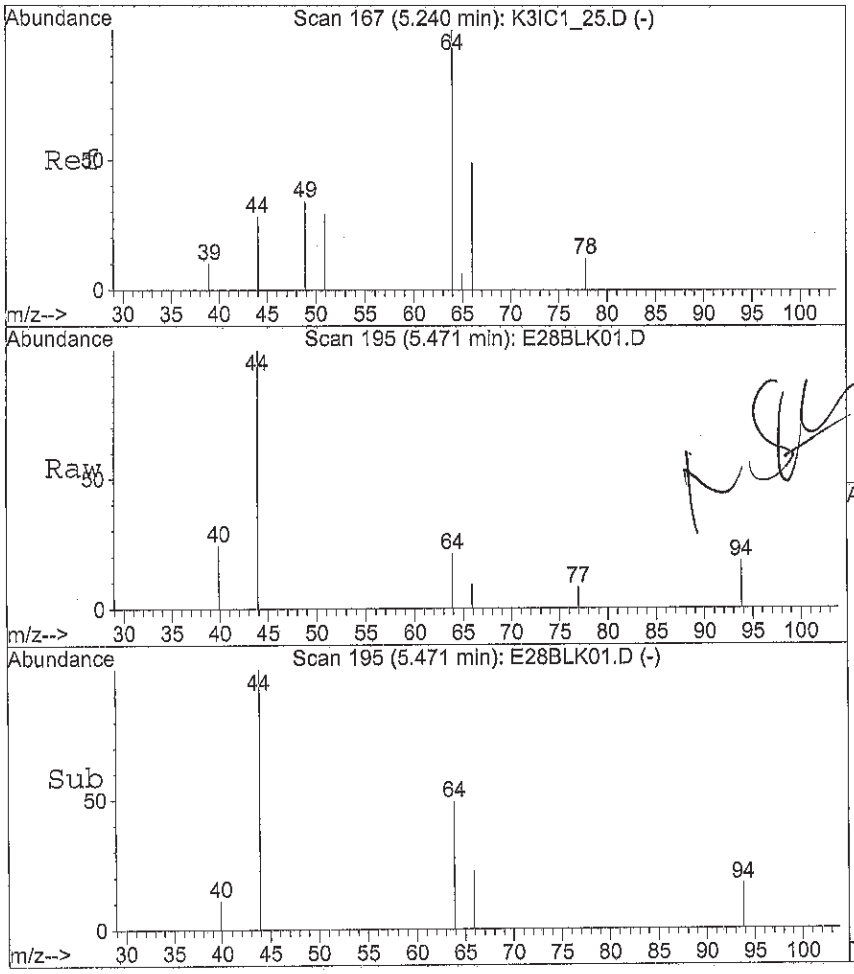


#6
Bromomethane
Concen: 0.45 ug/L
RT: 5.14 min Scan# 156
Delta R.T. 0.05 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 96 Resp: 4630

Ion	Ratio	Lower	Upper
96	100		
94	115.0	101.0	151.4

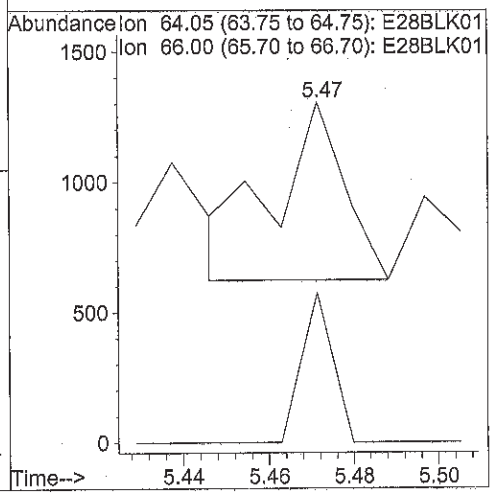


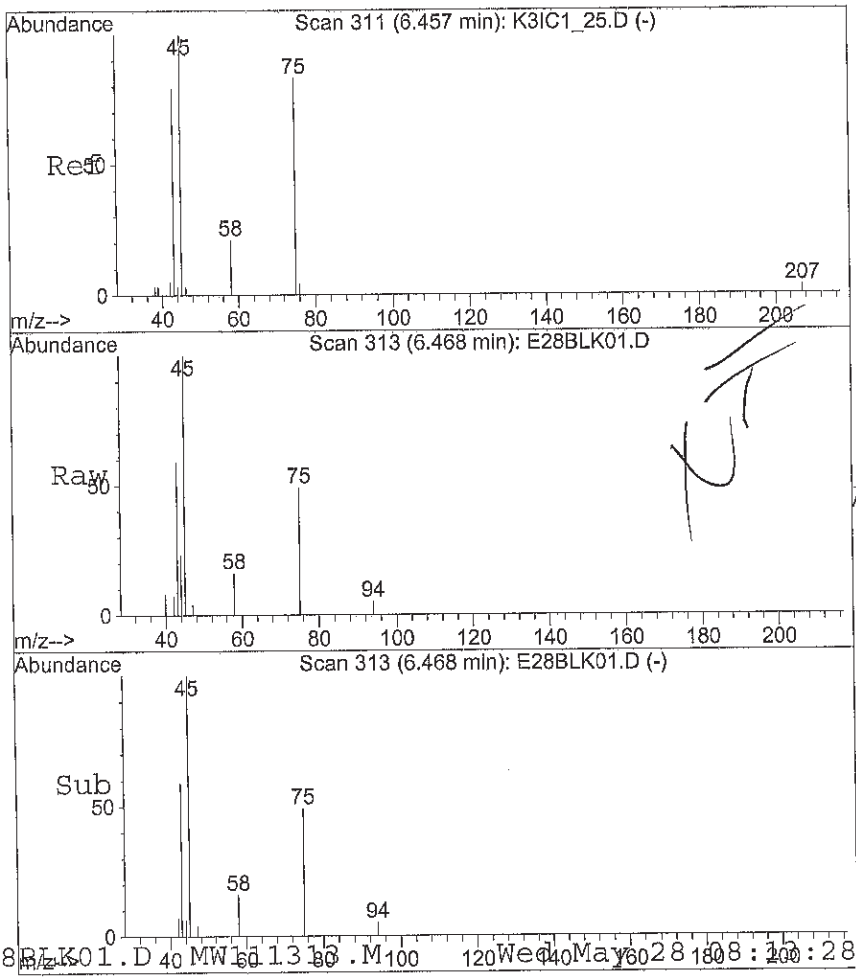


#7
Chloroethane
Concen: 1.18 ug/L
RT: 5.47 min Scan# 195
Delta R.T. 0.23 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 64 Resp: 779

Ion	Ratio	Lower	Upper
64	100		
66	37.4	35.4	53.0

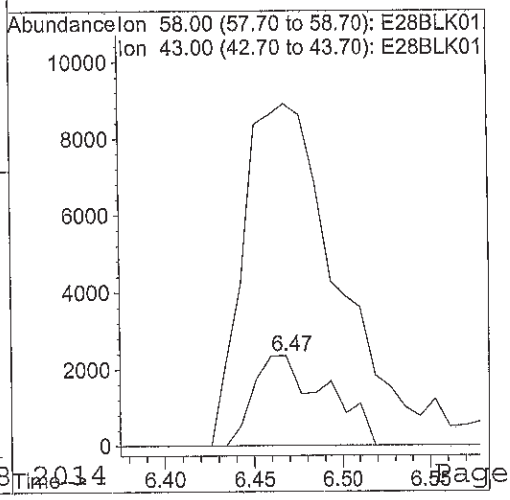


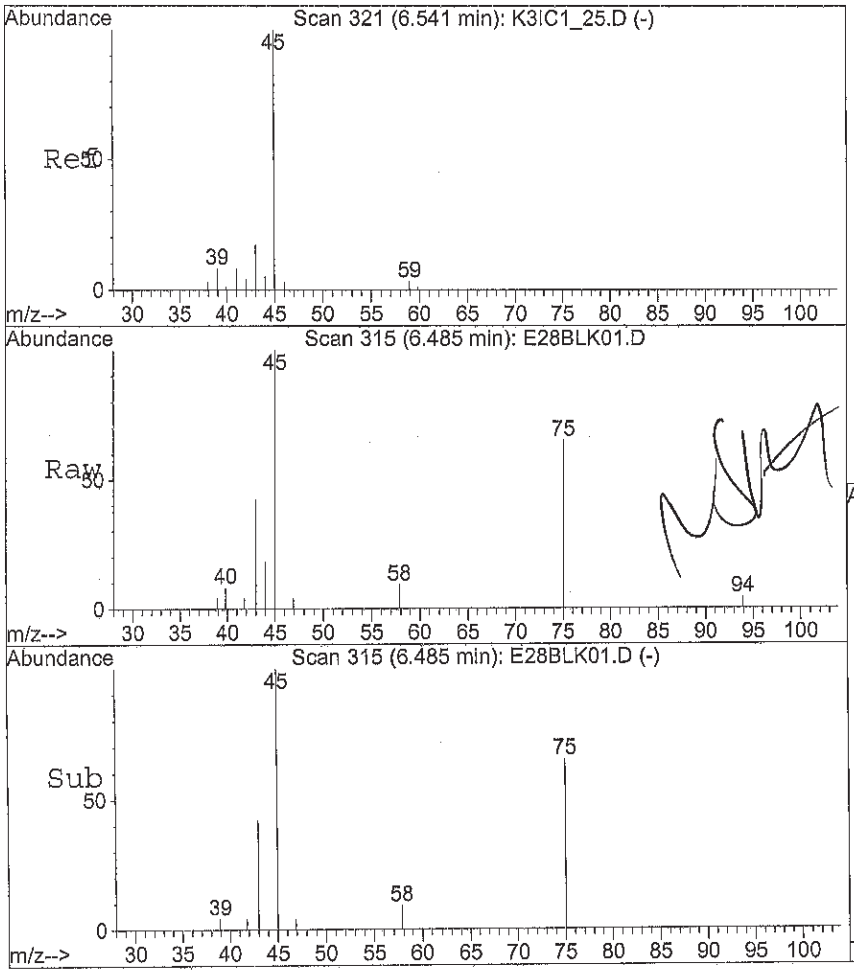


#11
Acetone
Concen: 4.29 ug/L
RT: 6.47 min Scan# 313
Delta R.T. 0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 58 Resp: 6791

Ion	Ratio	Lower	Upper
58	100		
43	504.8	360.9	541.3

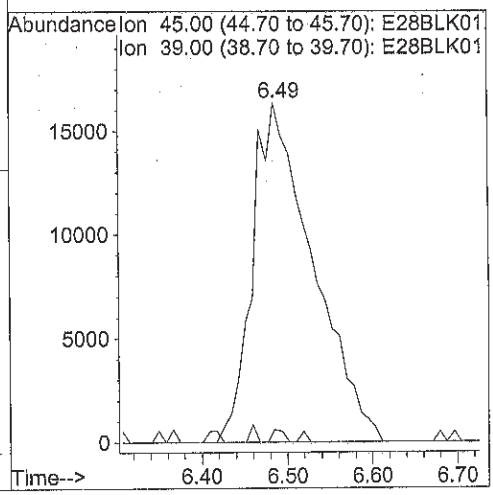


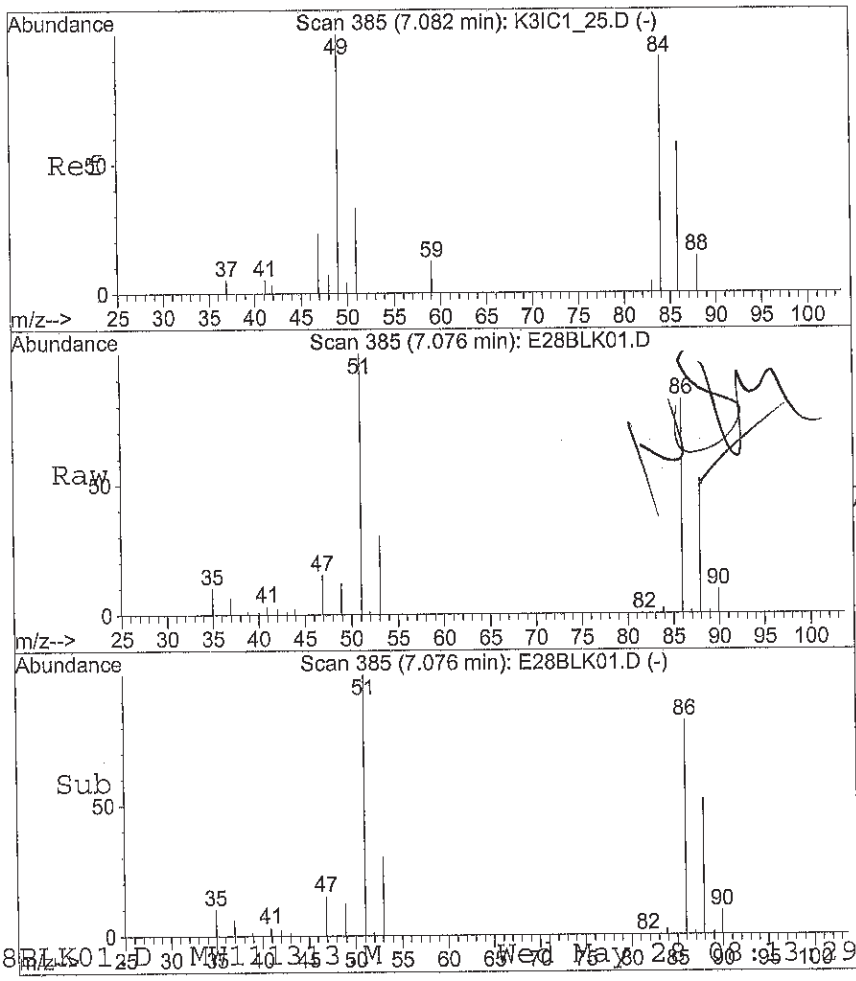


#12
(IPA) Leak Check Compound
Concen: 352.02 ug/L
RT: 6.49 min Scan# 315
Delta R.T. -0.06 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 45 Resp: 79782

Ion	Ratio	Lower	Upper
45	100		
39	0.7	4.9	7.3#

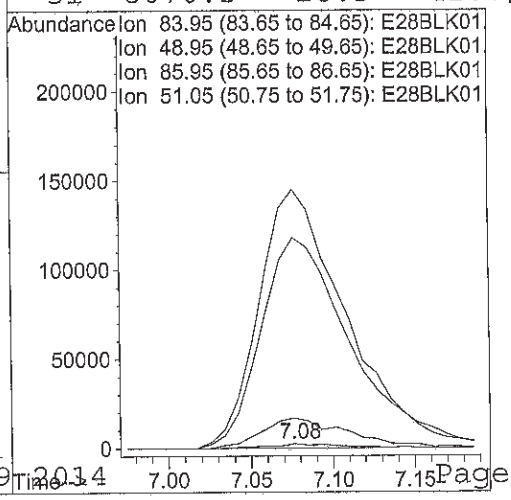


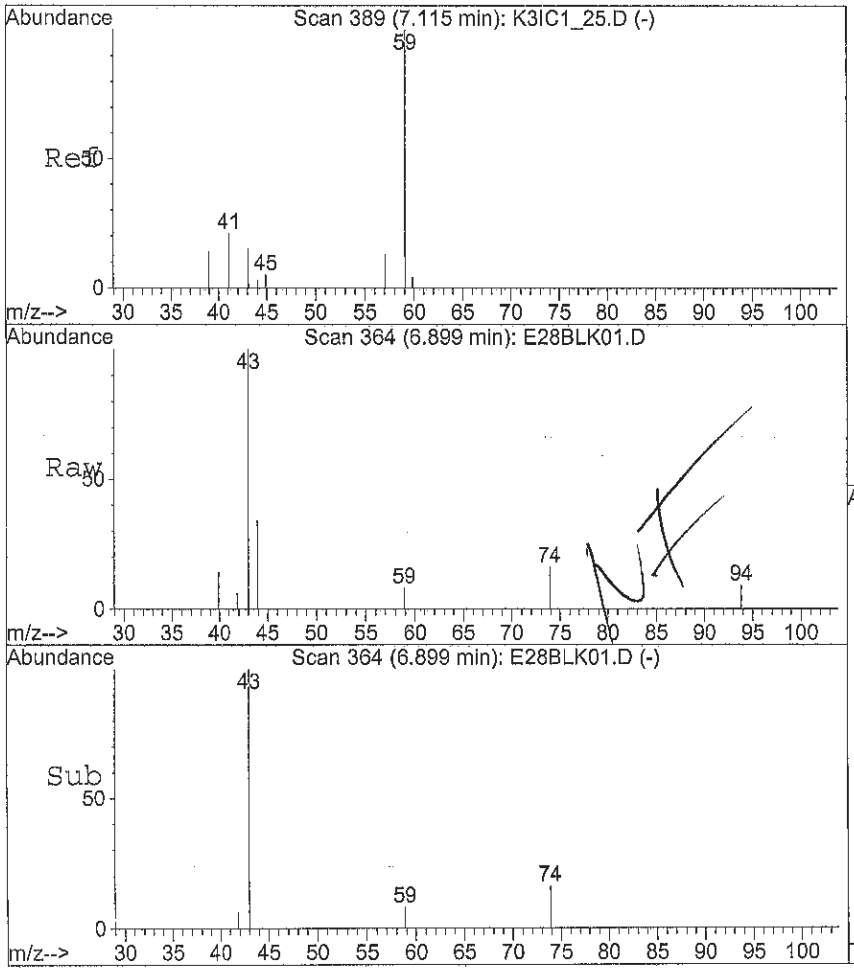


#14
Methylene Chloride
Concen: 1.30 ug/L
RT: 7.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 84 Resp: 6757

Ion	Ratio	Lower	Upper
84	100		
49	895.4	89.8	134.6#
86	6642.1	51.1	76.7#
51	8070.3	28.5	42.7#

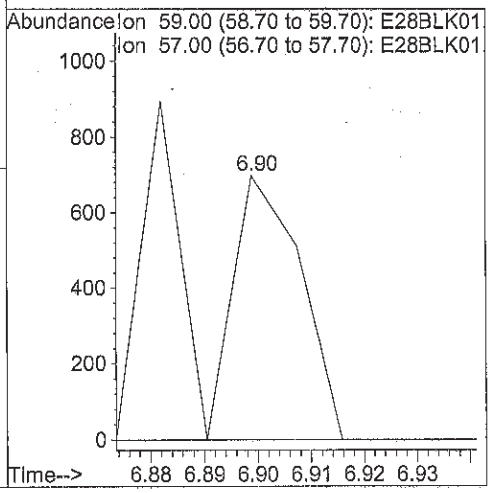


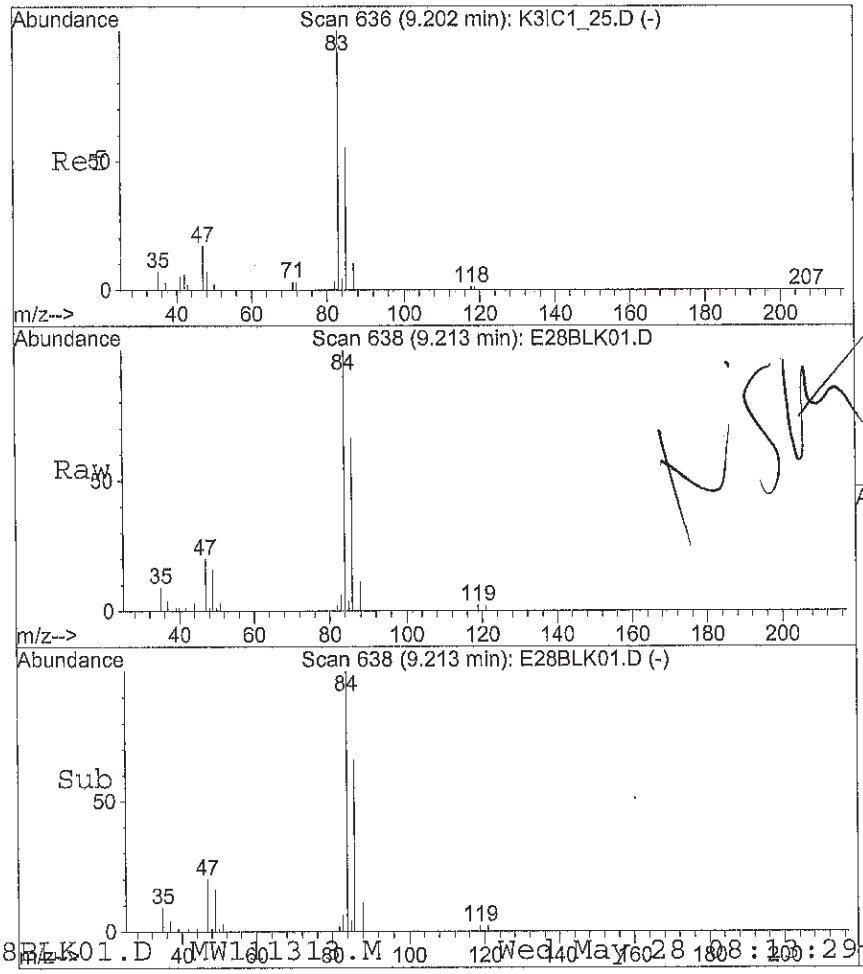


#15
(TBA) tert-Butanol
Concen: 1.91 ug/L
RT: 6.90 min Scan# 364
Delta R.T. -0.22 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 59 Resp: 613

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

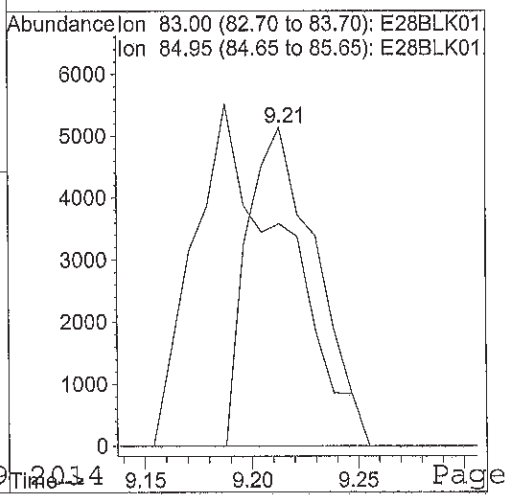


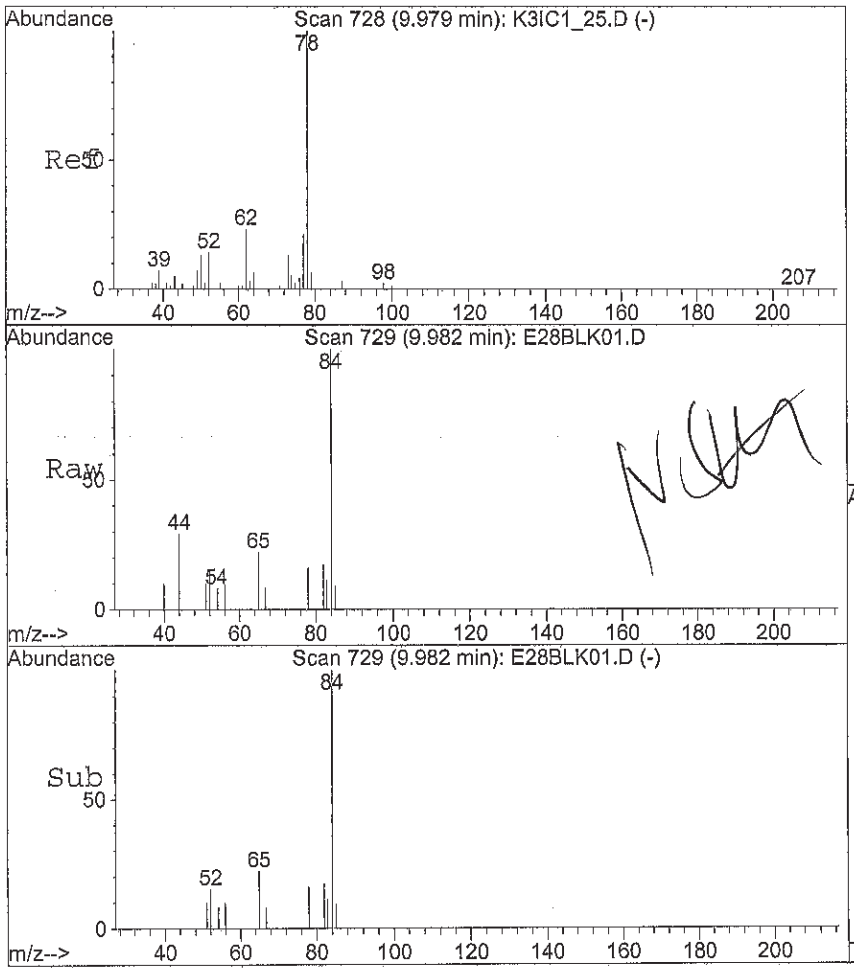


#24
Chloroform
Concen: 1.16 ug/L
RT: 9.21 min Scan# 638
Delta R.T. 0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 83 Resp: 11505

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

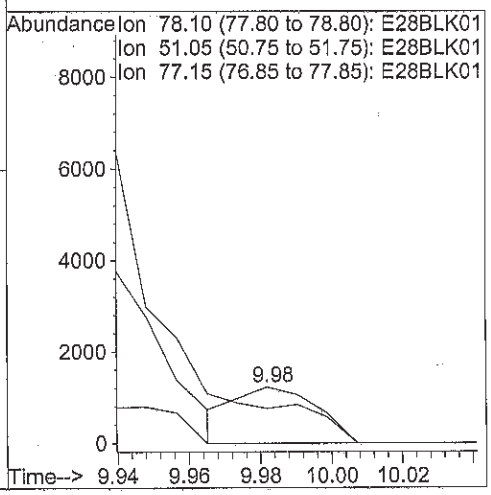


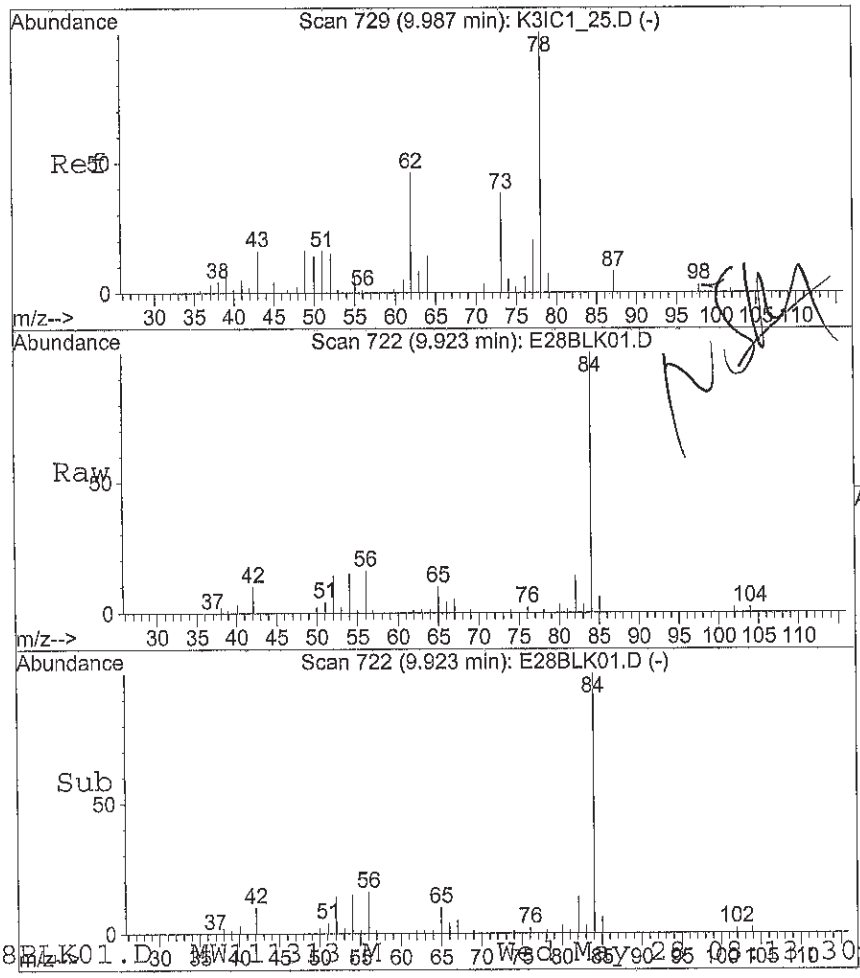


#31
Benzene
Concen: 0.11 ug/L
RT: 9.98 min Scan# 729
Delta R.T. 0.00 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 78 Resp: 1971

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	0.0	16.6	24.8#

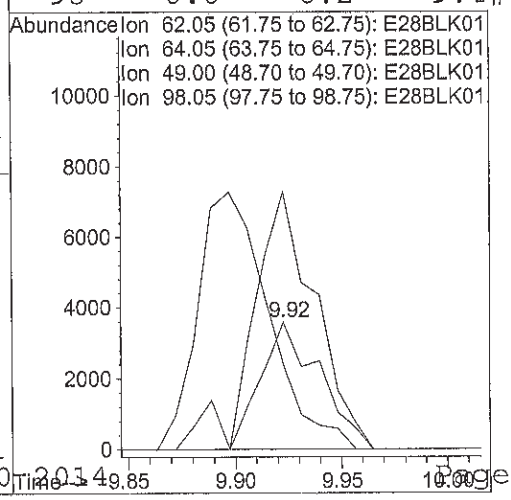


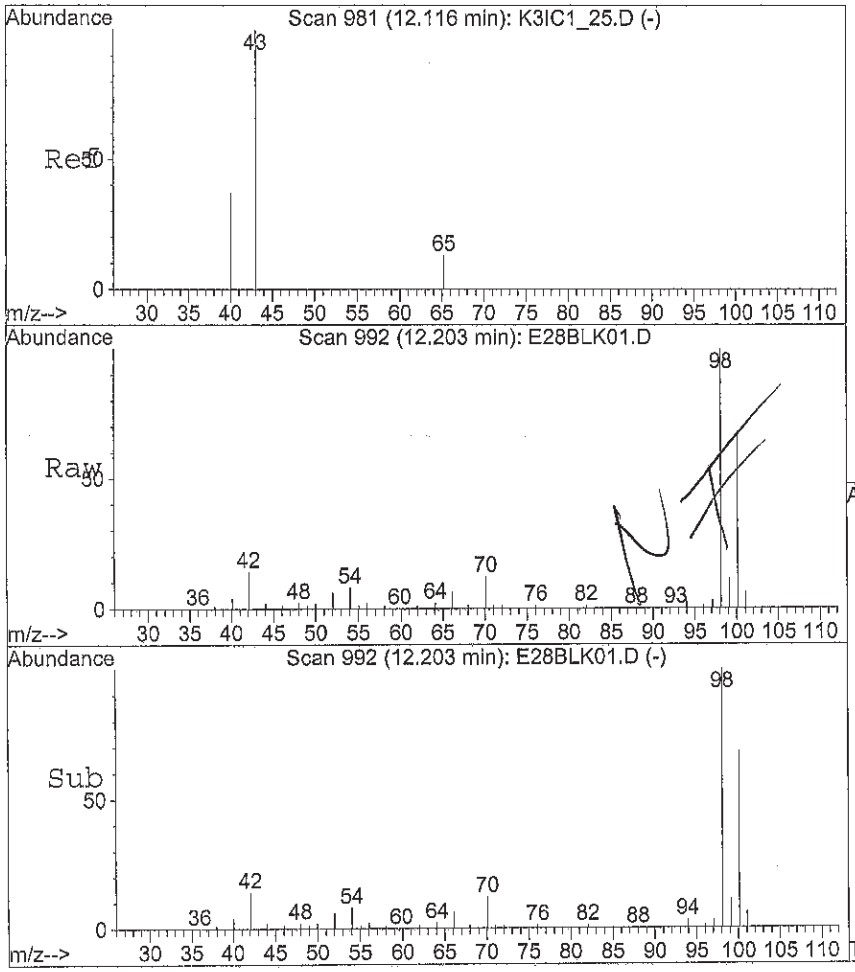


#32
1,2-Dichloroethane
Concen: 1.10 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 62 Resp: 6880

Ion	Ratio	Lower	Upper
62	100		
64	216.0	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

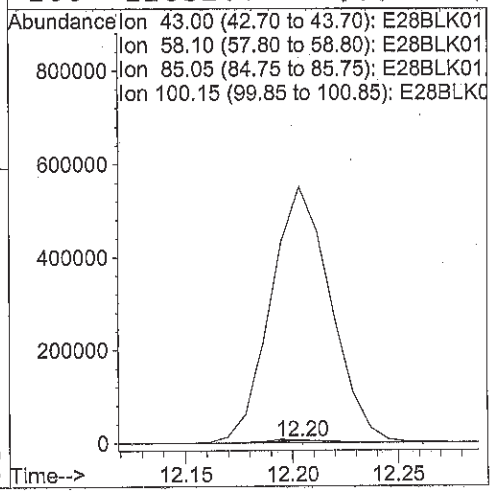


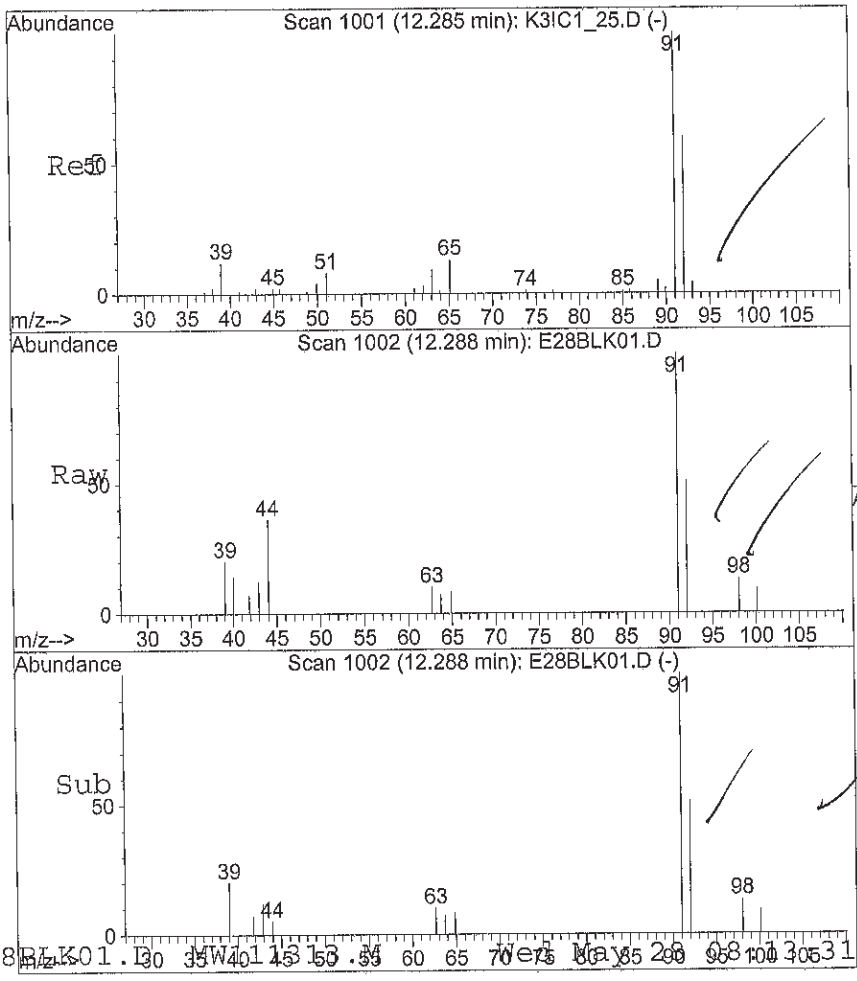


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.99 ug/L
RT: 12.20 min Scan# 992
Delta R.T. 0.09 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 43 Resp: 8470

Ion	Ratio	Lower	Upper
43	100		
58	154.5	0.0	0.0#
85	0.0	0.0	0.0
100	12852.7	0.0	0.0#

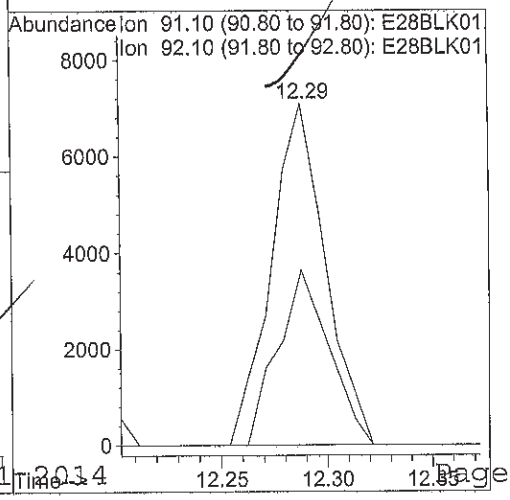


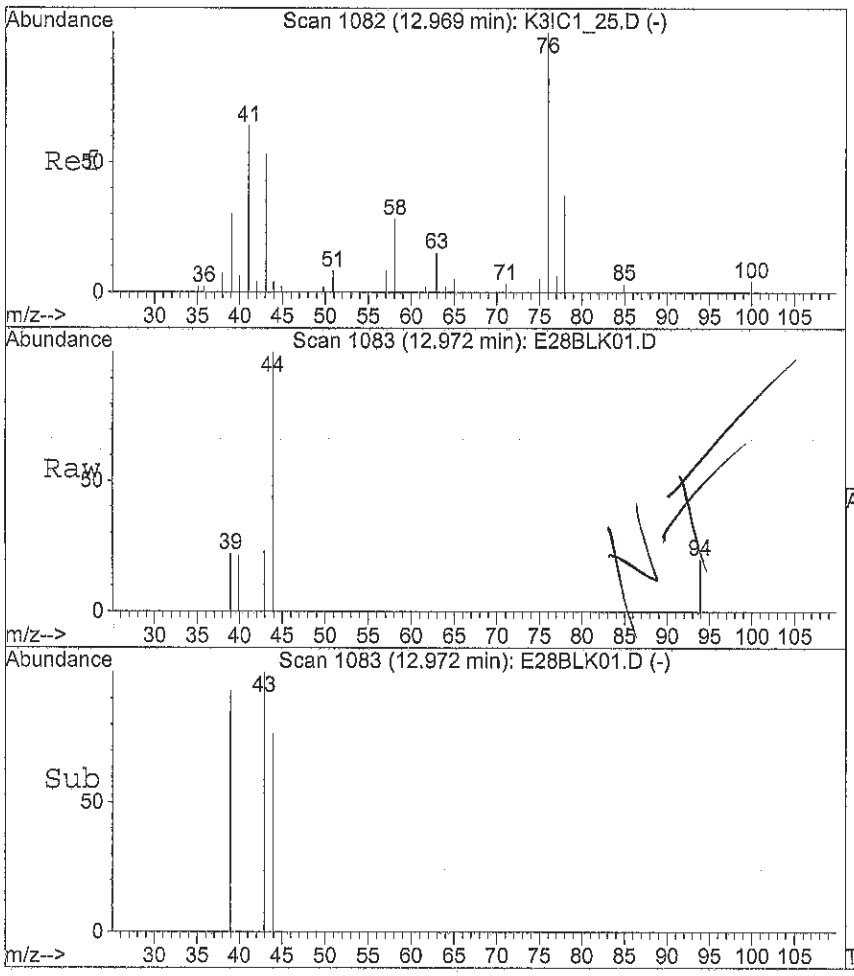


#41
Toluene
Concen: 0.65 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 91 Resp: 12619

Ion	Ratio	Lower	Upper
91	100		
92	48.7	47.4	71.0

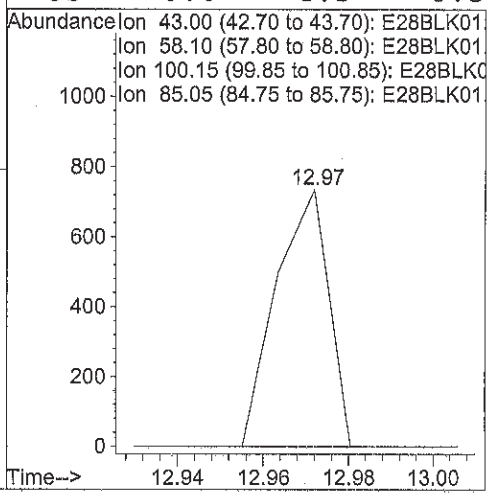


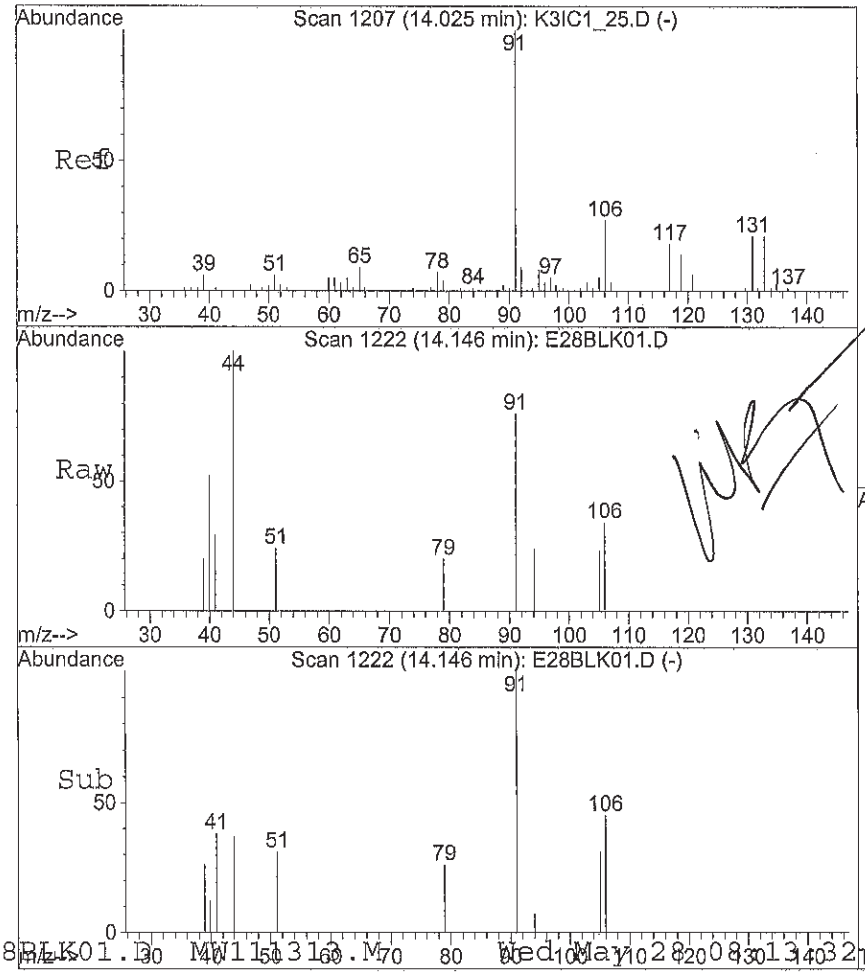


#46
2-Hexanone
Concen: 0.20 ug/L
RT: 12.97 min Scan# 1083
Delta R.T. 0.00 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 43 Resp: 627

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

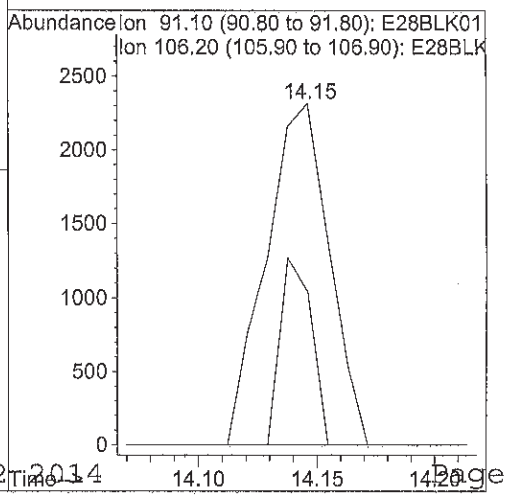


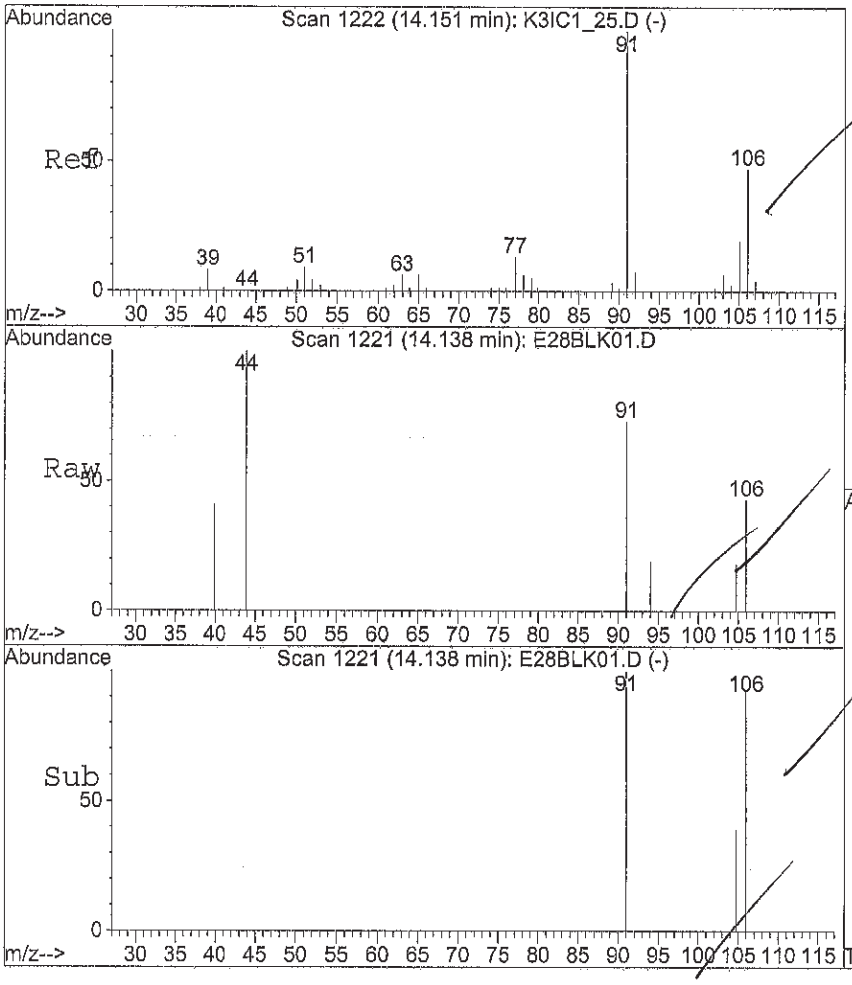


#51
Ethylbenzene
Concen: 0.19 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. 0.12 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 91 Resp: 4274

Ion	Ratio	Lower	Upper
91	100		
106	27.4	23.5	35.3

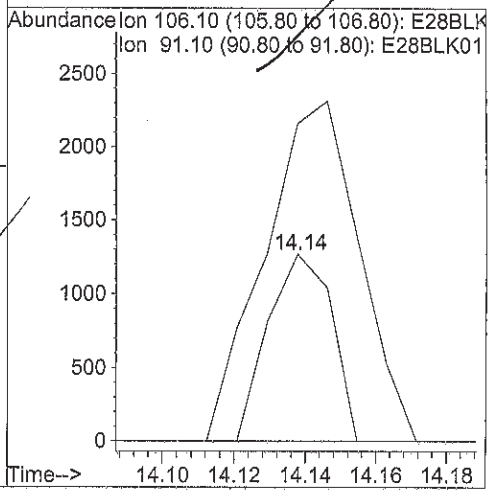


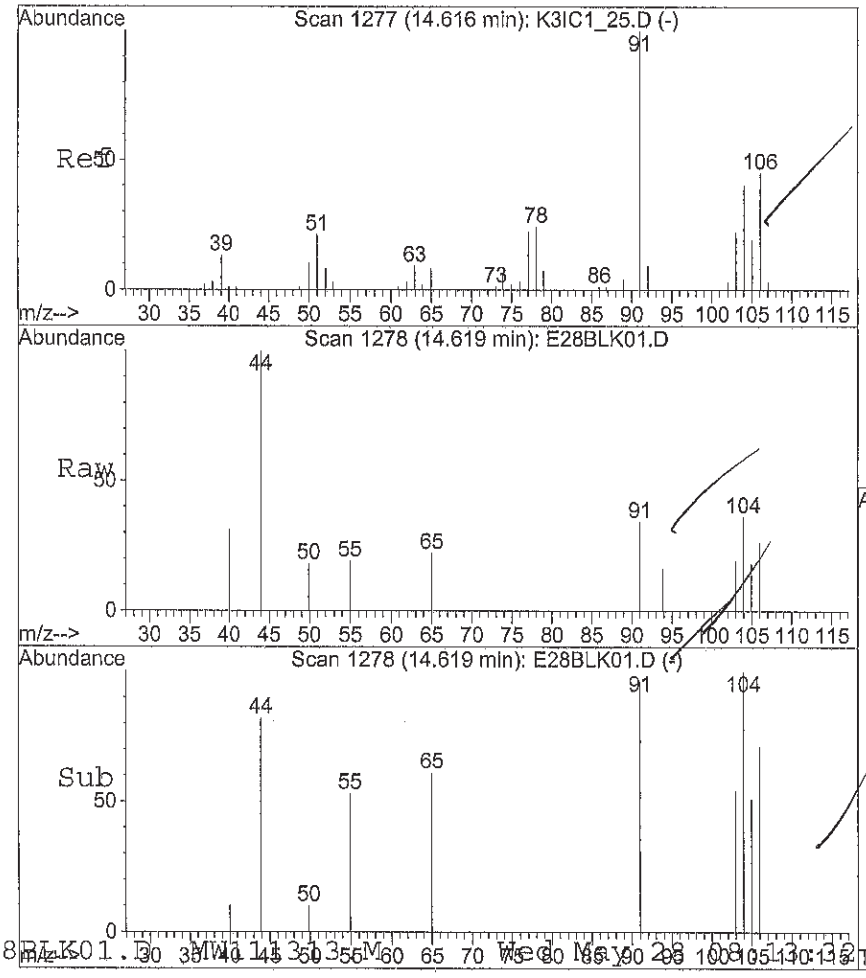


#52
m,p-Xylenes
Concen: 0.20 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion:106 Resp: 1580

Ion	Ratio	Lower	Upper
106	100		
91	270.5	177.1	265.7#

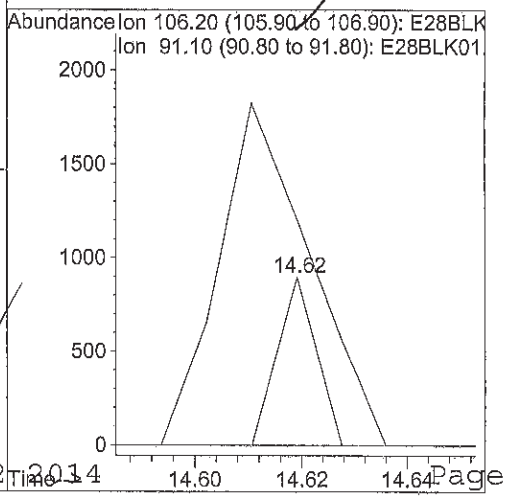


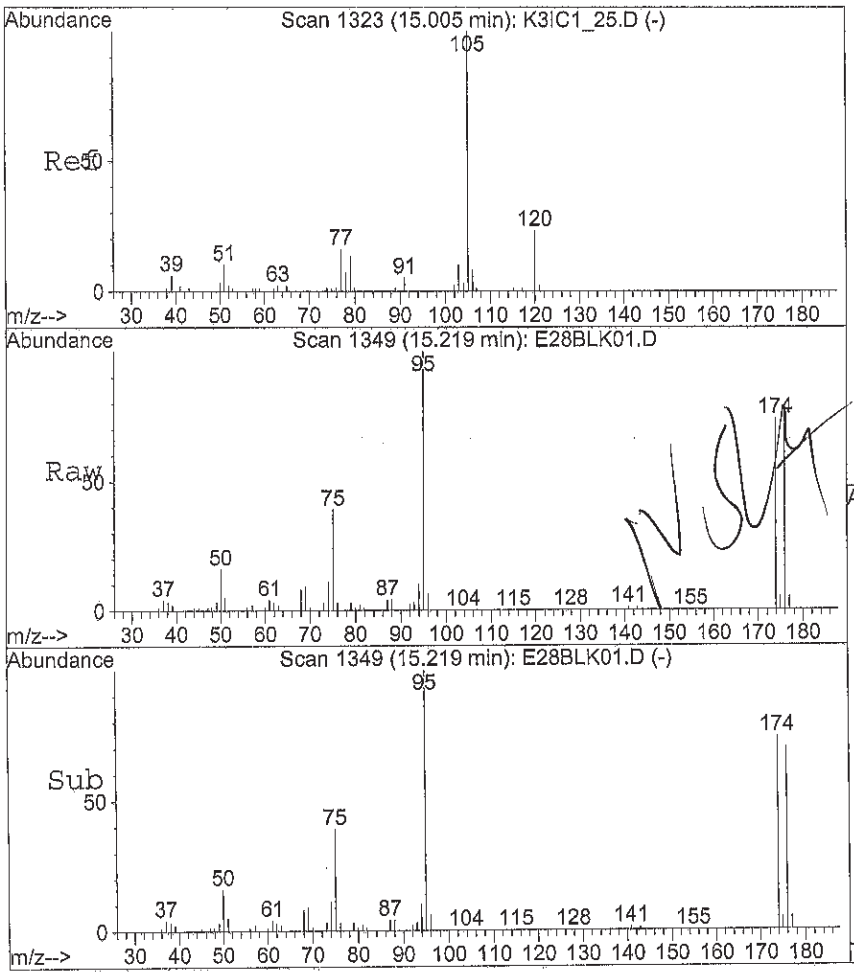


#53
o-Xylene
Concen: 0.06 ug/L
RT: 14.62 min Scan# 1278
Delta R.T. 0.00 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion:106 Resp: 455

Ion	Ratio	Lower	Upper
106	100		
91	473.2	179.0	268.6#

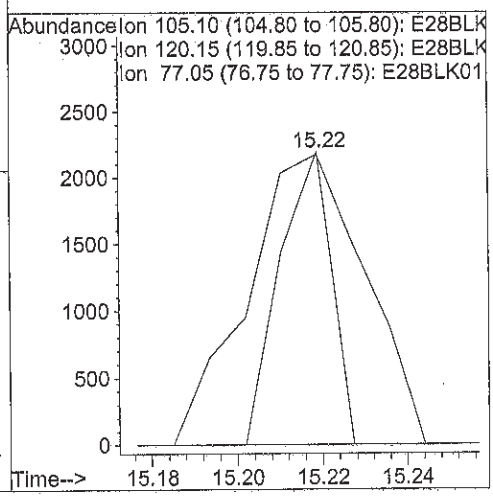


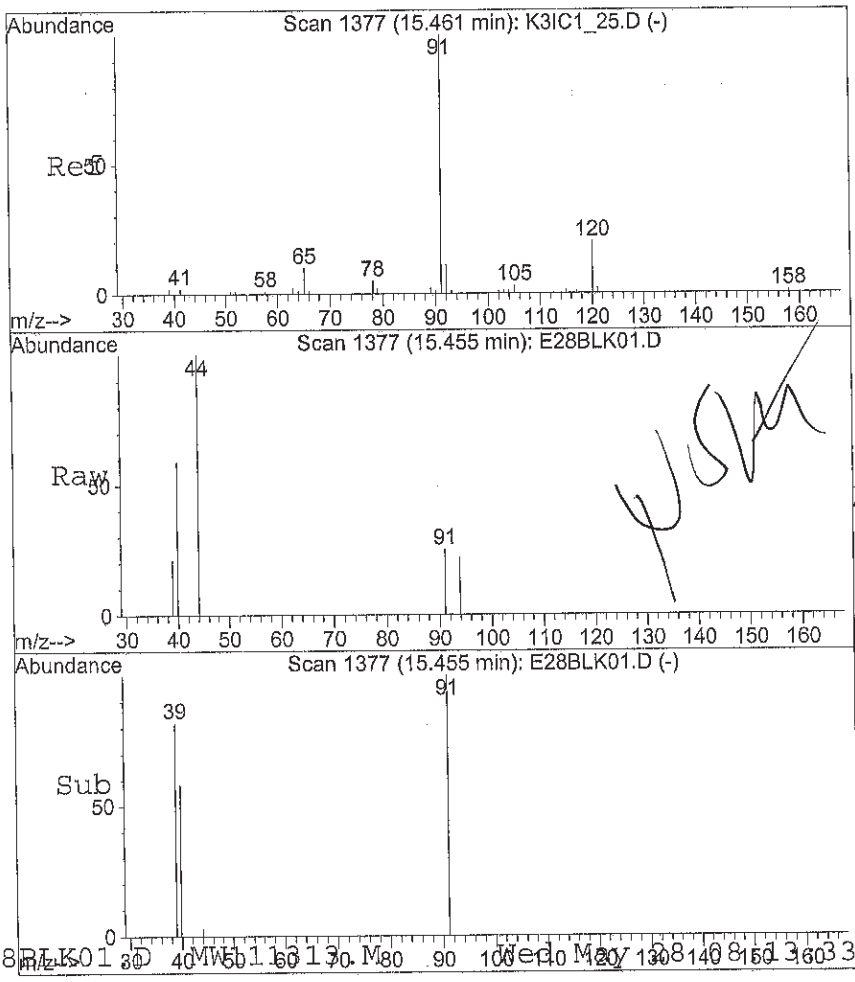


#56
Isopropylbenzene
Concen: 0.09 ug/L
RT: 15.22 min Scan# 1349
Delta R.T. 0.21 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion:105 Resp: 1840

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	224.8	13.1	19.7#

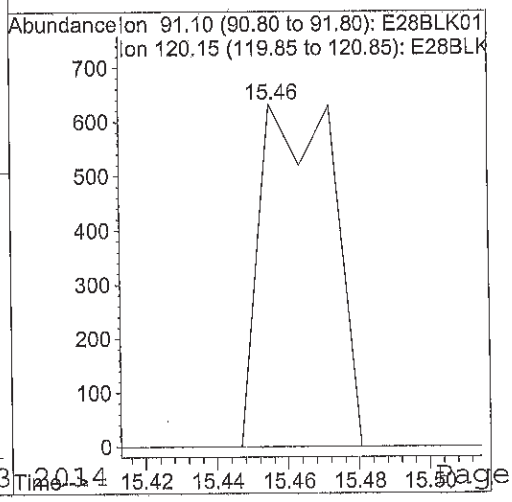


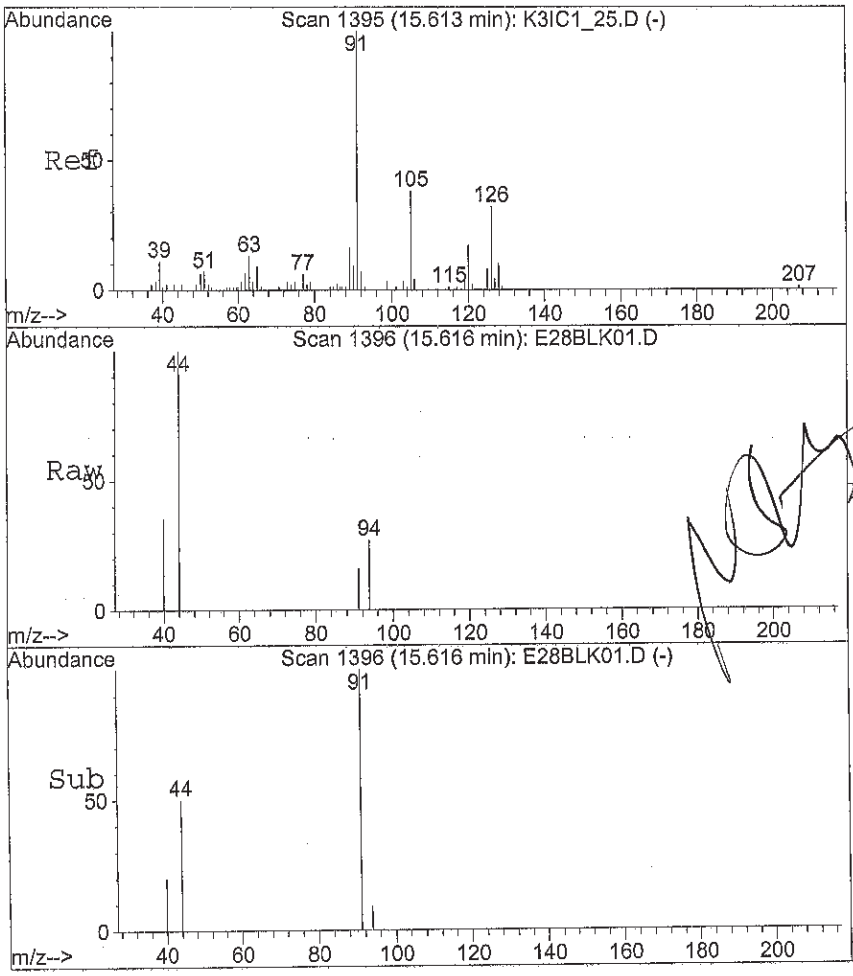


#62
n-Propylbenzene
Concen: 0.03 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 91 Resp: 902

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

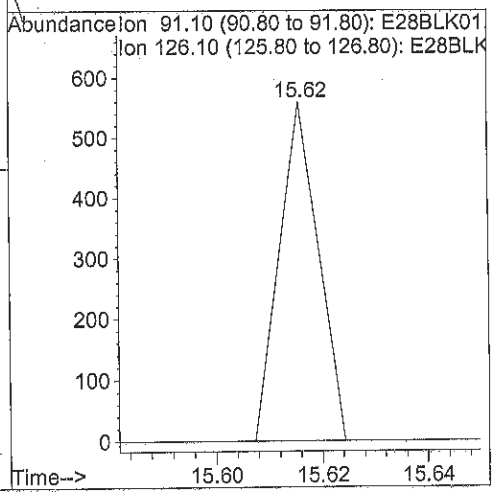


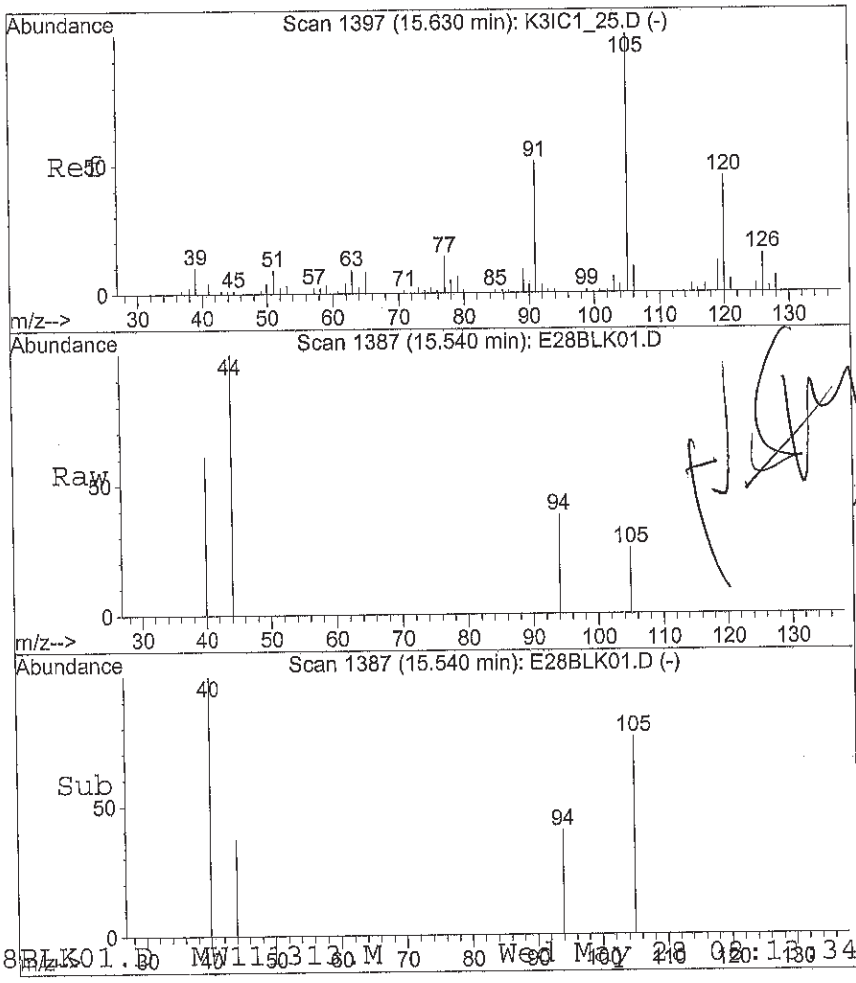


#63
2-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.62 min Scan# 1396
Delta R.T. 0.00 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 91 Resp: 283

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

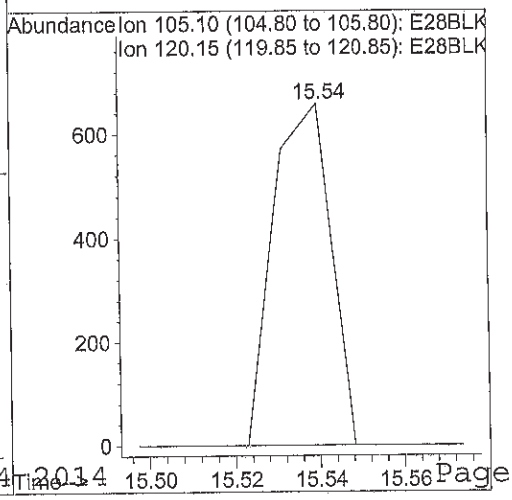


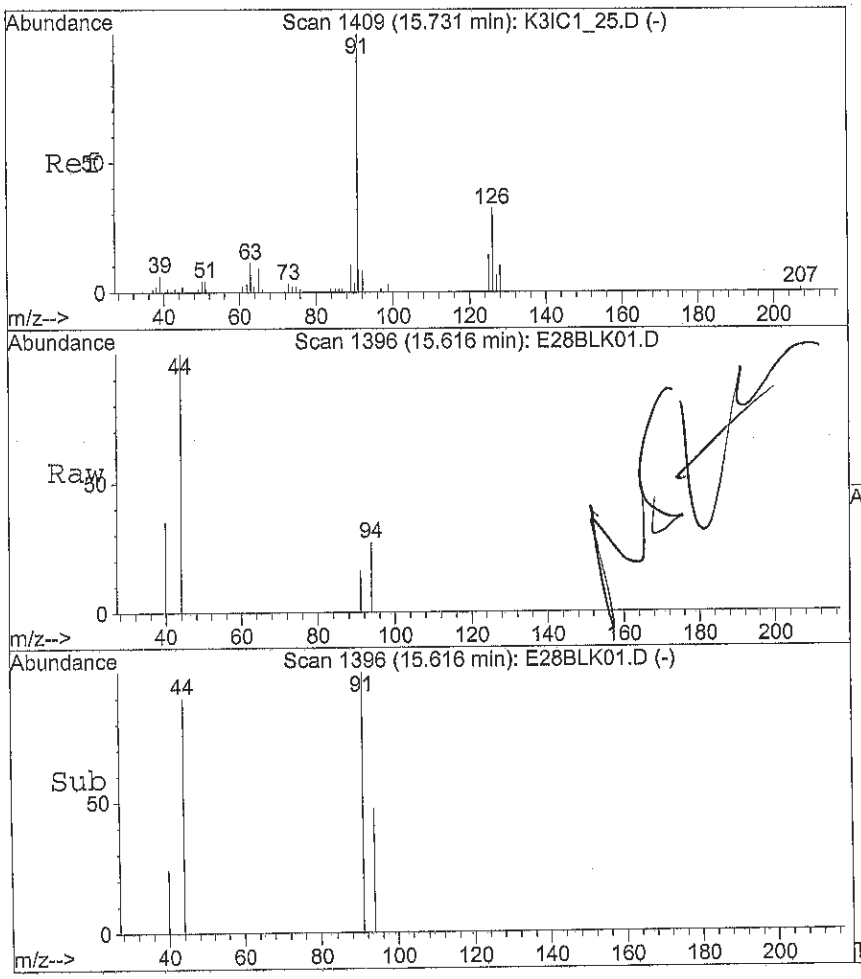


#64
1,3,5-Trimethylbenzene
Concen: 0.03 ug/L
RT: 15.54 min Scan# 1387
Delta R.T. -0.09 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion:105 Resp: 623

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

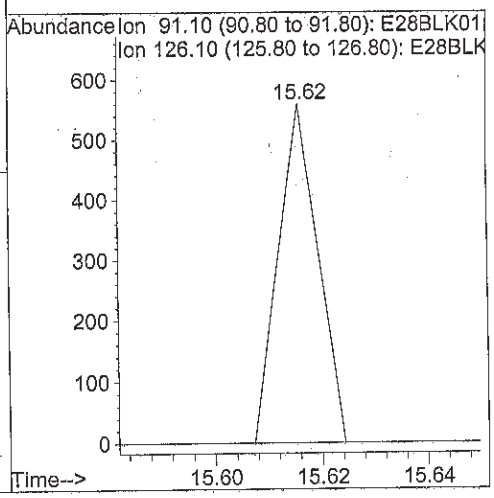


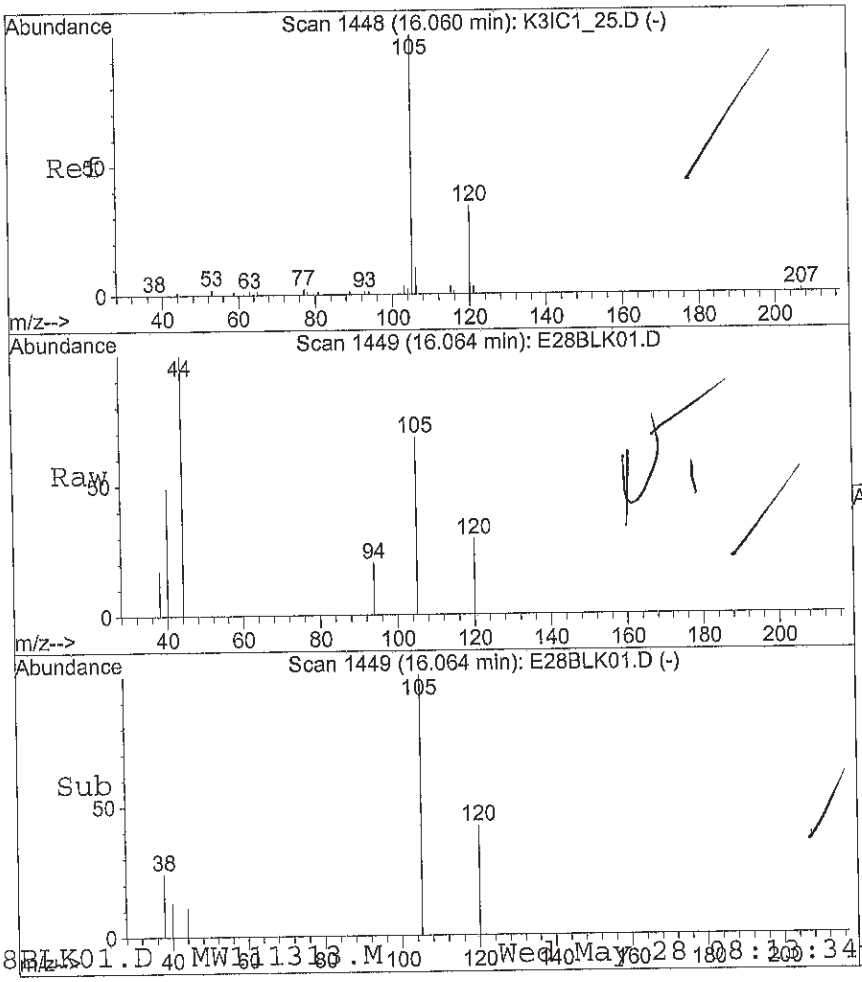


#65
4-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.62 min Scan# 1396
Delta R.T. -0.12 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion: 91 Resp: 283

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

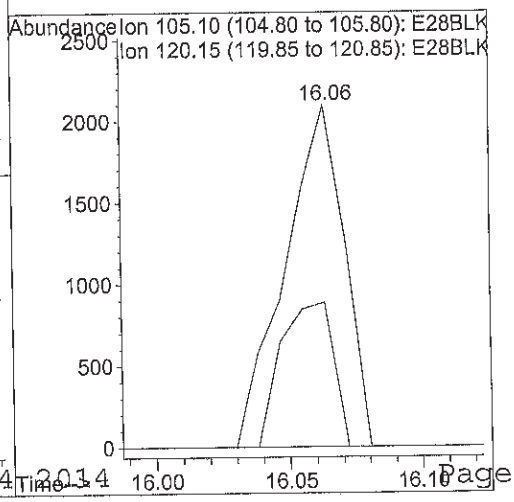


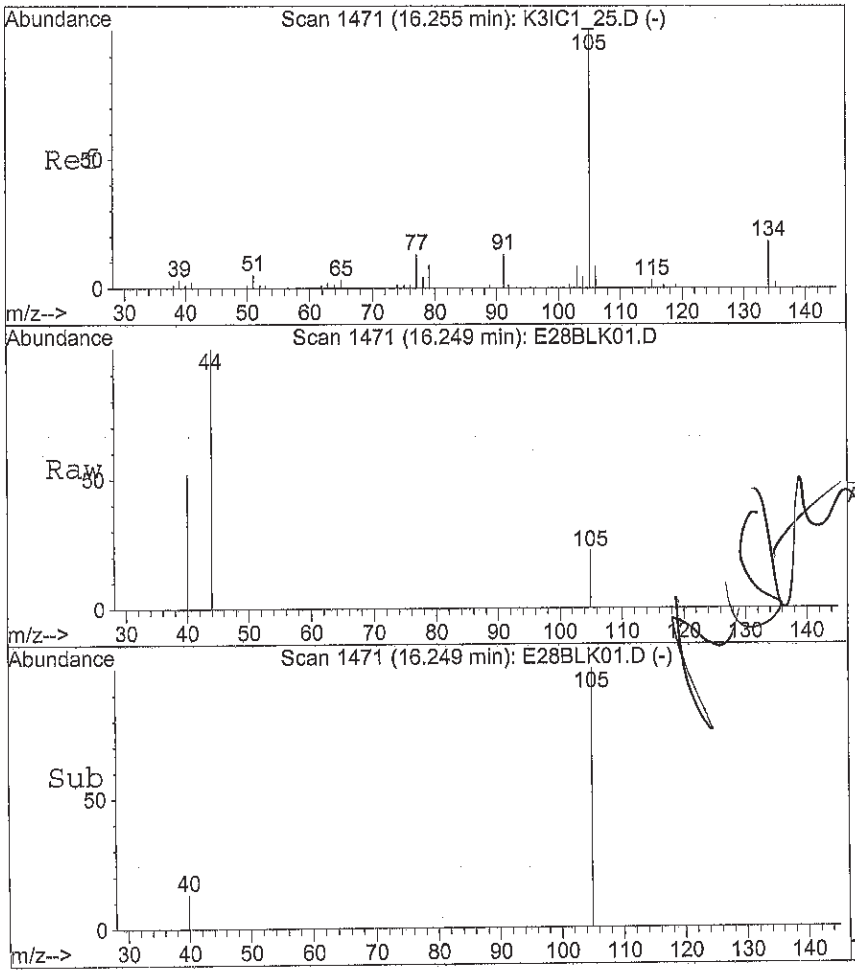


#67
1,2,4-Trimethylbenzene
Concen: 0.17 ug/L
RT: 16.06 min Scan# 1449
Delta R.T. 0.00 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion:105 Resp: 3223

Ion	Ratio	Lower	Upper
105	100		
120	37.4	33.8	50.8

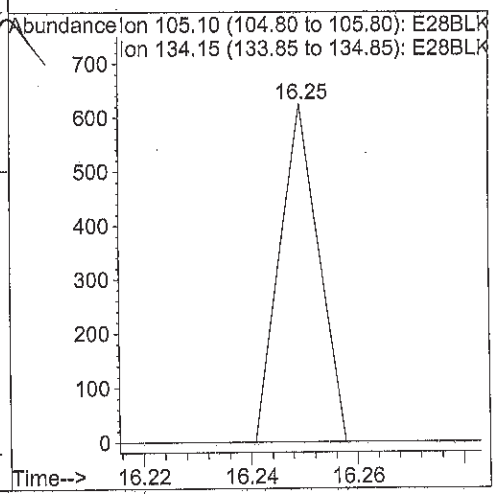


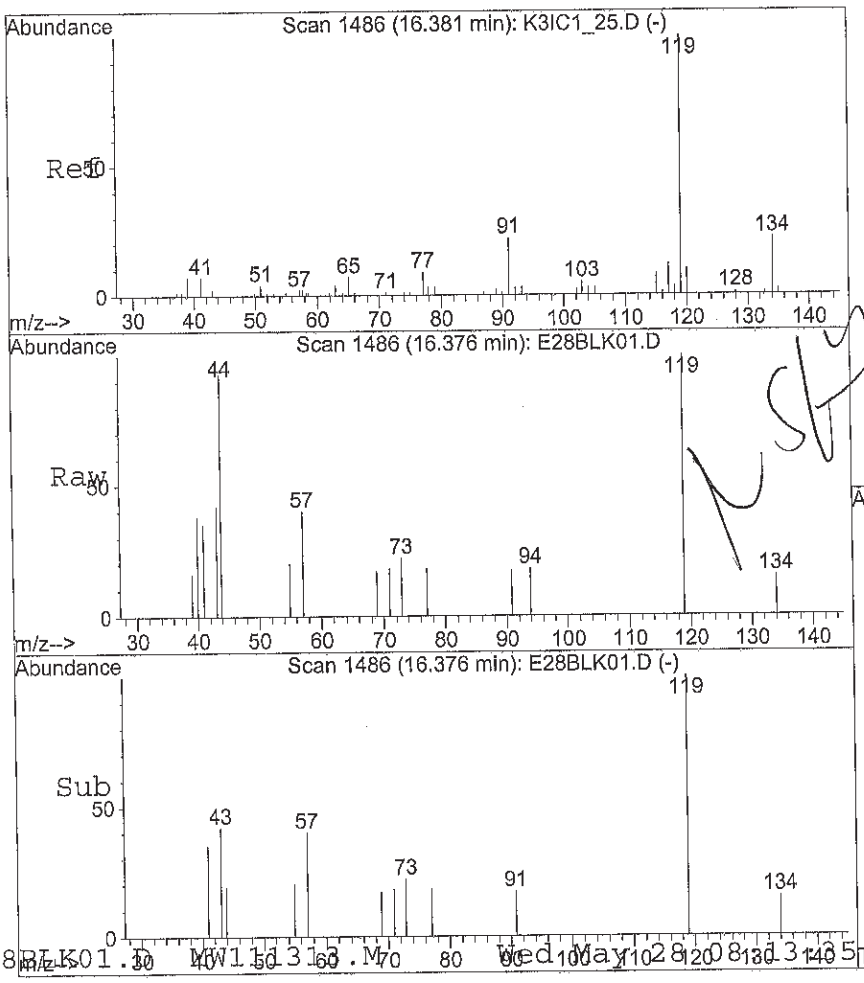


#68
sec-Butylbenzene
Concen: 0.01 ug/L
RT: 16.25 min Scan# 1471
Delta R.T. -0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion:105 Resp: 317

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

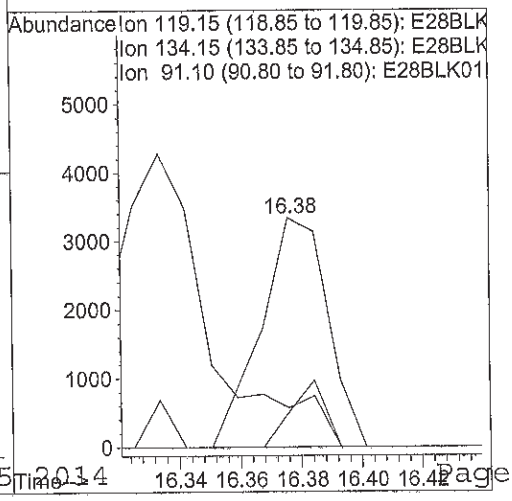


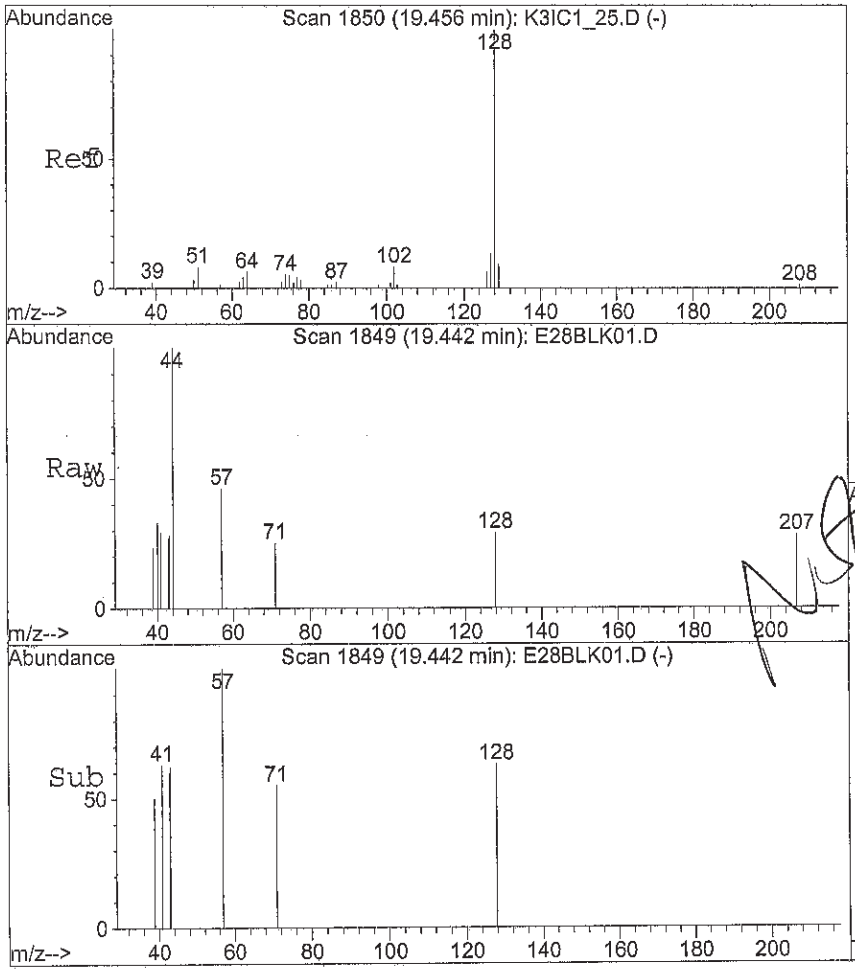


#69
p-Isopropyltoluene
Concen: 0.26 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion:119 Resp: 5081

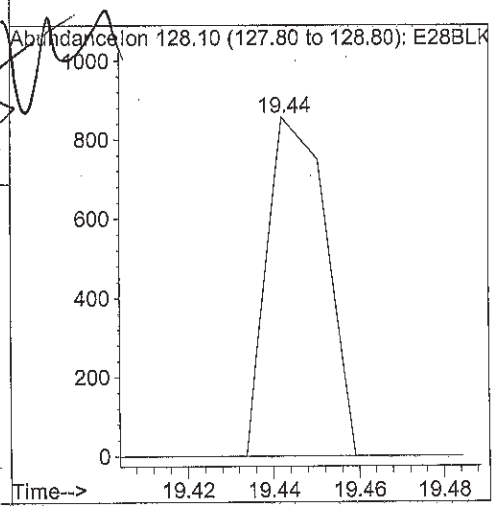
Ion	Ratio	Lower	Upper
119	100		
134	14.6	17.4	26.2#
91	0.0	19.6	29.4#





#77
Naphthalene
Concen: 0.06 ug/L
RT: 19.44 min Scan# 1849
Delta R.T. -0.01 min
Lab File: E28BLK01.D
Acq: 28 May 2014 7:43 am

Tgt Ion:128 Resp: 813



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E28BLK01.D Vial: 11
Acq On : 28 May 2014 7:43 am Operator: DN
Sample : 34E2801-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 8:14 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1886088	12.50 ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.92	117	1419861	12.50 ug/L	0.00
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	727836	12.50 ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	523637	10.68 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 85.44%		
3) Chloroform-d (SU6)	9.19	84	774698	11.01 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 88.08%		
4) Methylene Chloride-d2 (SU5	7.08	86	448808	10.91 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 87.28%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	519676	15.50 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 124.00%		
6) Benzene-d6 (SU7)	9.93	84	1546292	10.45 ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 83.60%		
8) Toluene-d8 (SU3)	12.20	98	1619271	12.02 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.16%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	780429	14.03 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 112.24%		

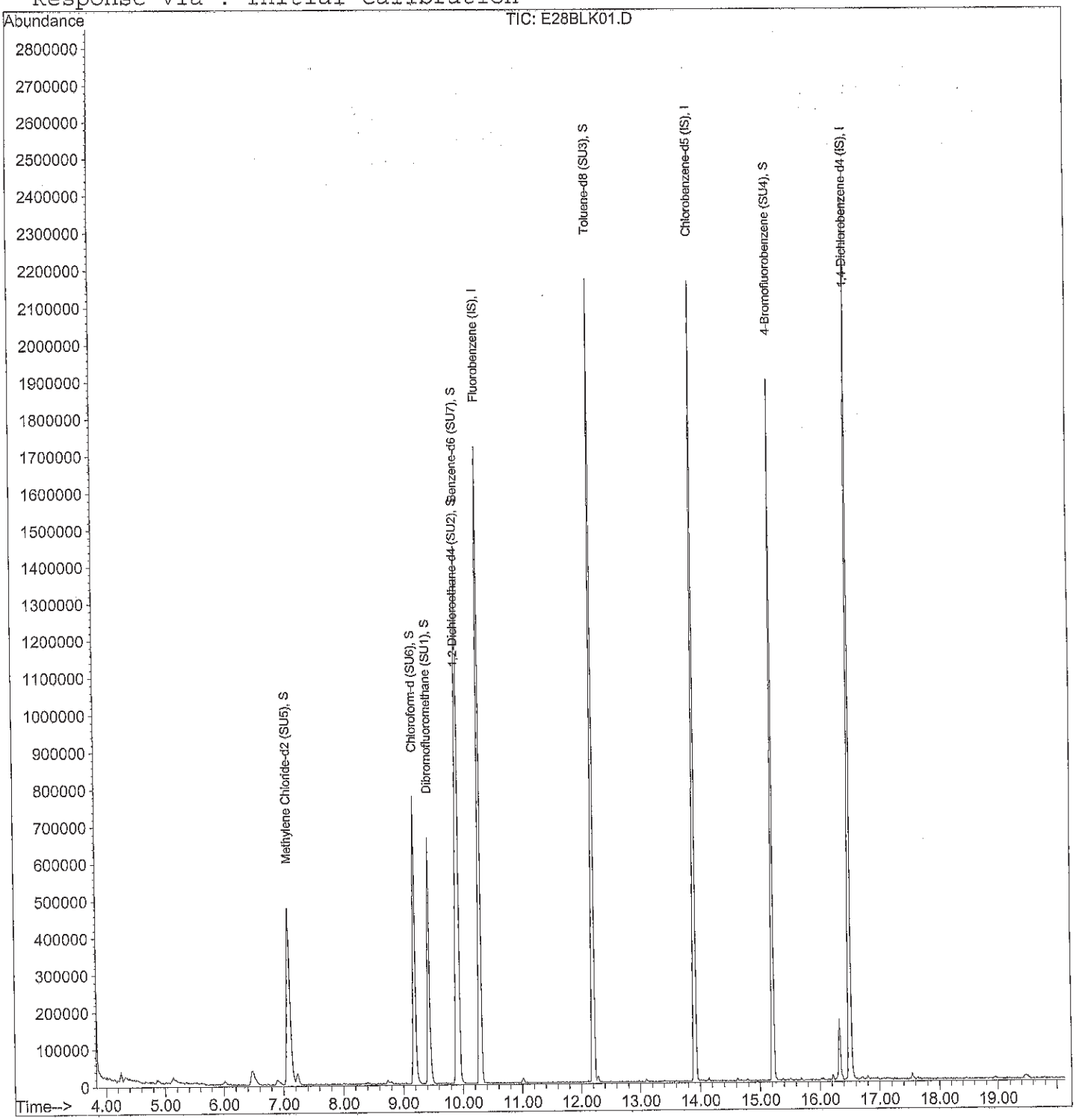
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E28BLK01.D Vial: 11
Acq On : 28 May 2014 7:43 am Operator: DN
Sample : 34E2801-BLK1 Inst : GC/MS Ins
Misc : 100cc AMBIENT AIR/H20 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 8:14 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



RAW DATA FOR ANALYZED SAMPLES INCLUDING CHROMATOGRAMS, QUANTITATION REPORTS AND SPECTRA

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800001.D Vial: 11
Acq On : 28 May 2014 8:13 am Operator: DN
Sample : 3E42801-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:13 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1767160	12.50	ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1332651	12.50	ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	691087	12.50	ug/L	0.00
System Monitoring Compounds						
2) Dibromofluoromethane (SU1)	9.43	113	484006	10.98	ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 87.84%						
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	470035	11.22	ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 89.76%						
39) Toluene-d8 (SU3)	12.21	98	1528587	12.30	ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 98.40%						
58) 4-Bromofluorobenzene (SU4)	15.22	95	724152	13.29	ug/L	0.00
Spiked Amount 12.500 Range 75 - 125 Recovery = 106.32%						

Target Compounds						Qvalue
4) Chloromethane	4.40	50	2886	-0.25	~~ug/L~~ #	60
6) Bromomethane	5.16	96	4146	0.36	~~ug/L~~ #	1
7) Chloroethane	5.25	64	1246	1.53	~~ug/L~~ #	32
11) Acetone	6.47	58	7159	5.54	~~ug/L~~	97
12) (IPA) Leak Check Compound	6.48	45	67832	319.44	~~ug/L~~ #	87
14) Methylene Chloride	7.06	84	5508	1.13	~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.90	59	746	2.48	~~ug/L~~ #	77
24) Chloroform	9.22	83	2878	0.31	~~ug/L~~ #	60
29) 1,1-Dichloropropene	9.93	75	304	0.04	~~ug/L~~ #	1
31) Benzene	9.99	78	706	0.04	~~ug/L~~ #	57
32) 1,2-Dichloroethane	9.93	62	6196	1.05	~~ug/L~~ #	1
40) (MIBK) 4-Methyl-2-Pentanon	12.21	43	7862	2.96	~~ug/L~~ #	100
41) Toluene	12.29	91	2749	0.15	ug/L # 0.005	80
46) 2-Hexanone	12.98	43	741	0.25	~~ug/L~~	37
51) Ethylbenzene	14.15	91	1034	0.05	~~ug/L~~	98
52) m,p-Xylenes	14.15	106	314	0.04	ug/L # 0.0002	83
54) Styrene	14.63	104	1249	-0.76	~~ug/L~~ #	43
62) n-Propylbenzene	15.22	91	1869	0.07	~~ug/L~~ #	56
68) sec-Butylbenzene	16.33	105	1441	0.06	~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	764	0.04	~~ug/L~~ #	52
74) 1,2-Dibromo-3-chloropropan	17.77	75	307	1.27	~~ug/L~~ #	6
77) Naphthalene	19.46	128	341	0.02	~~ug/L~~	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800001.D Vial: 11
Acq On : 28 May 2014 8:13 am Operator: DN
Sample : 3E42801-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:13 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

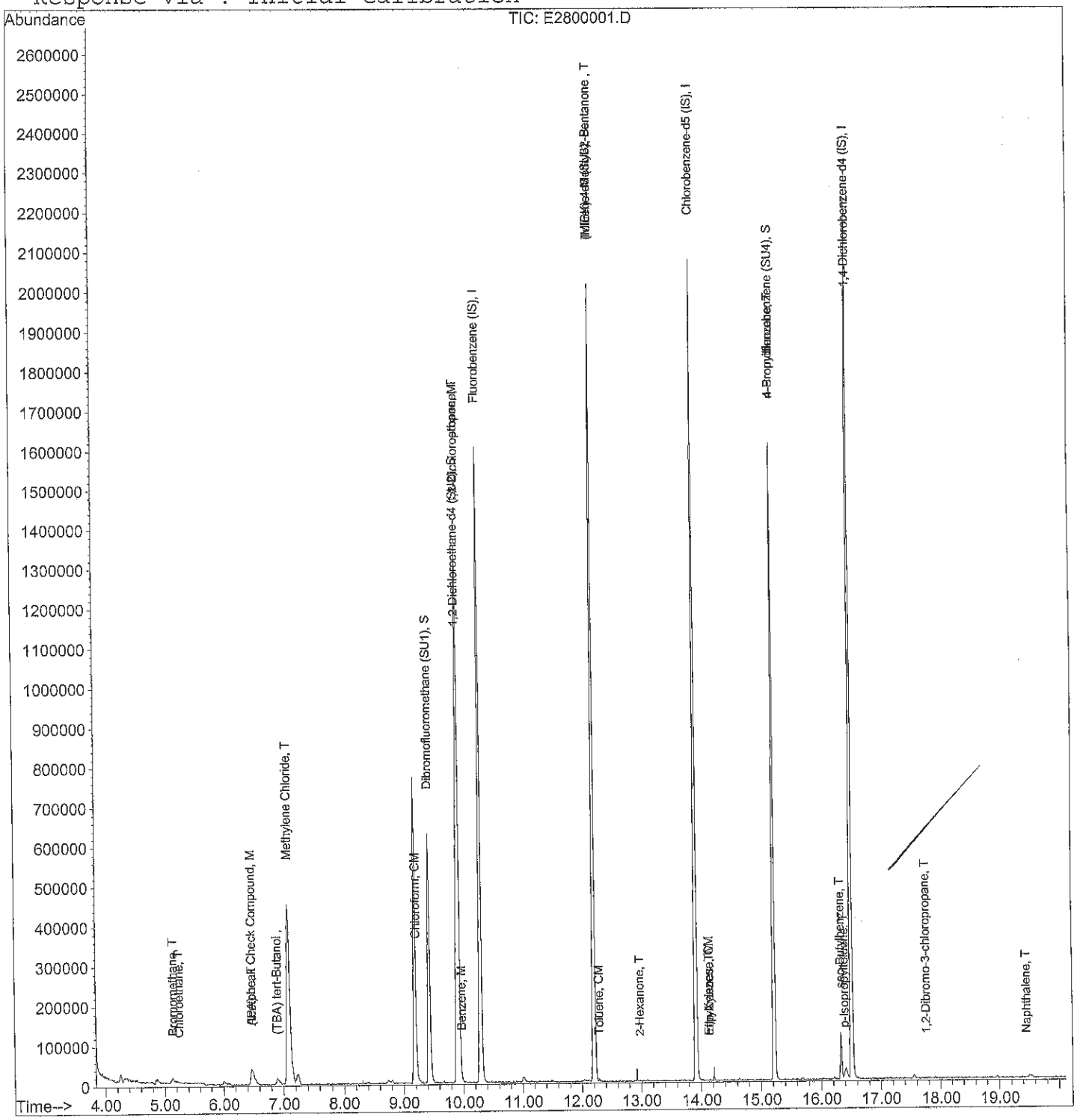
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue

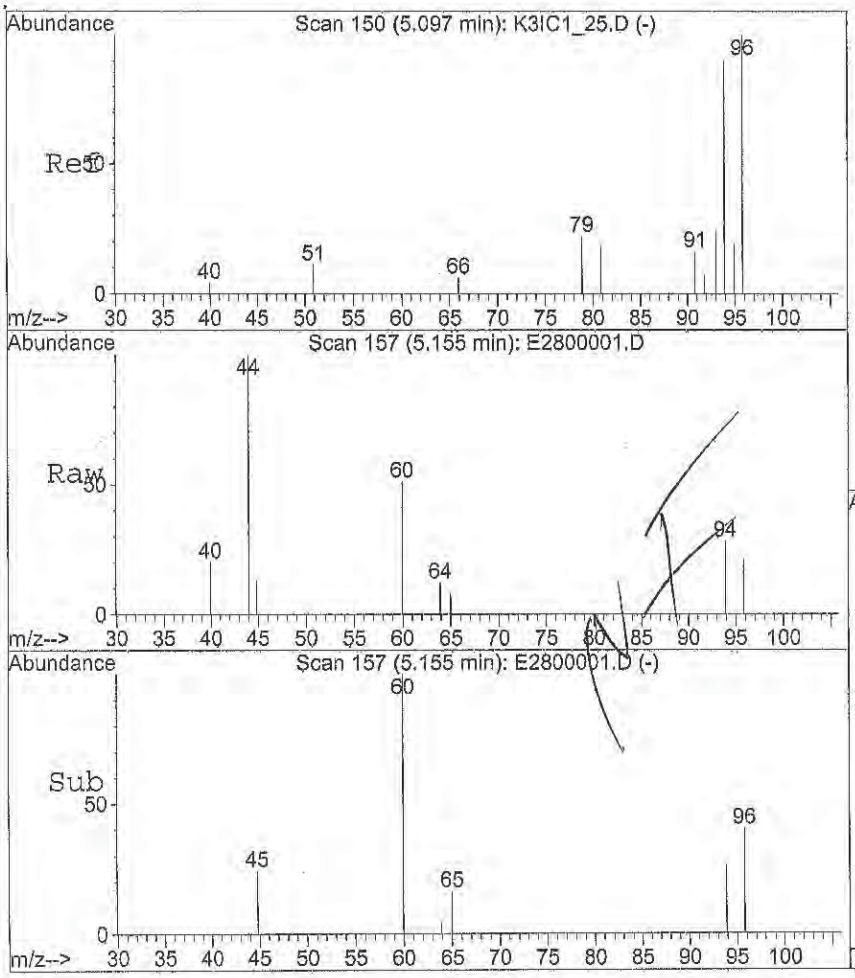
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800001.D Vial: 11
Acq On : 28 May 2014 8:13 am Operator: DN
Sample : 3E42801-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:13 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

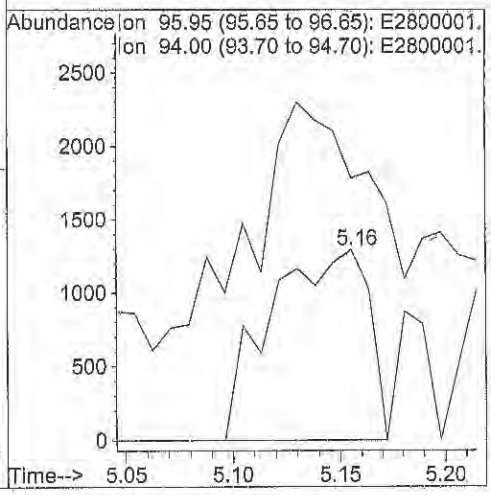


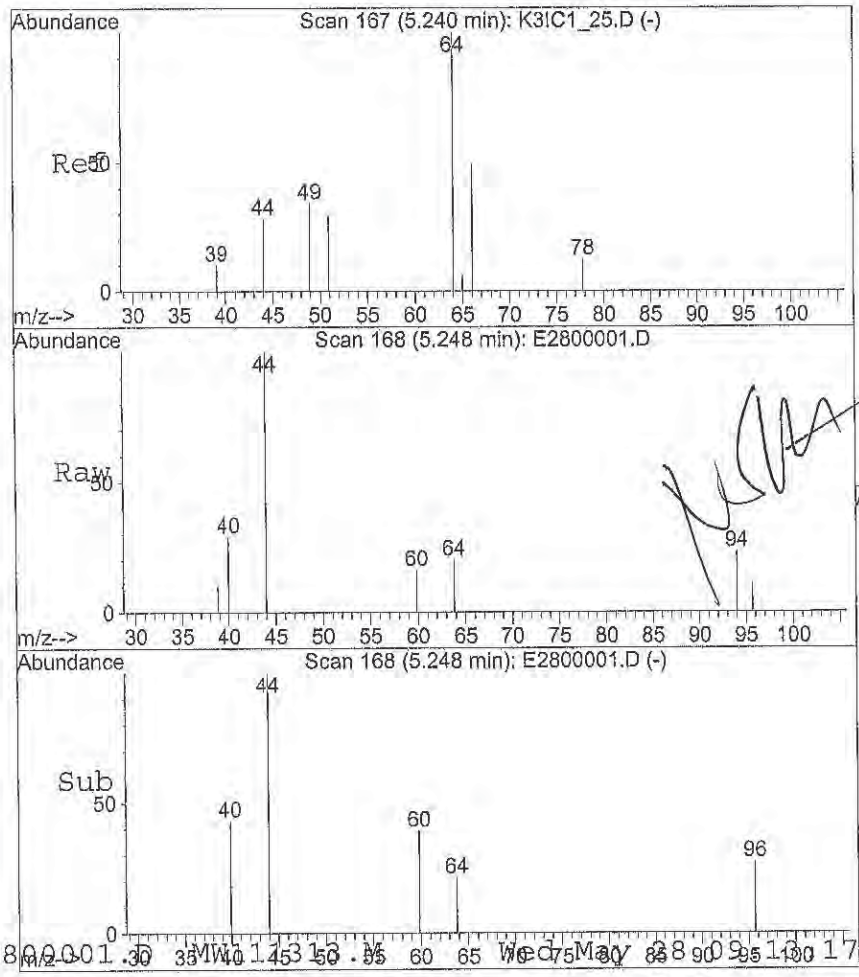


#6
Bromomethane
Concen: 0.36 ug/L
RT: 5.16 min Scan# 157
Delta R.T. 0.06 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 96 Resp: 4146

Ion	Ratio	Lower	Upper
96	100		
94	0.0	101.0	151.4#

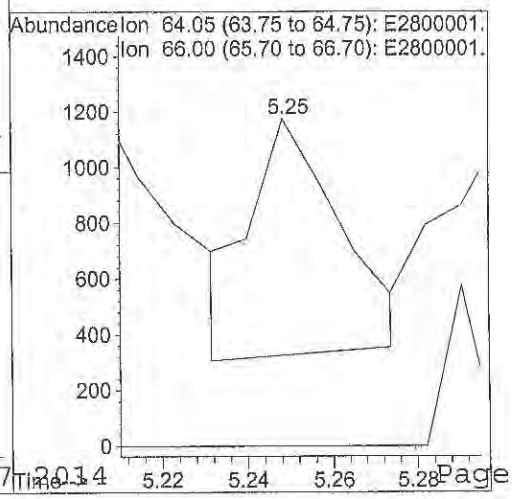


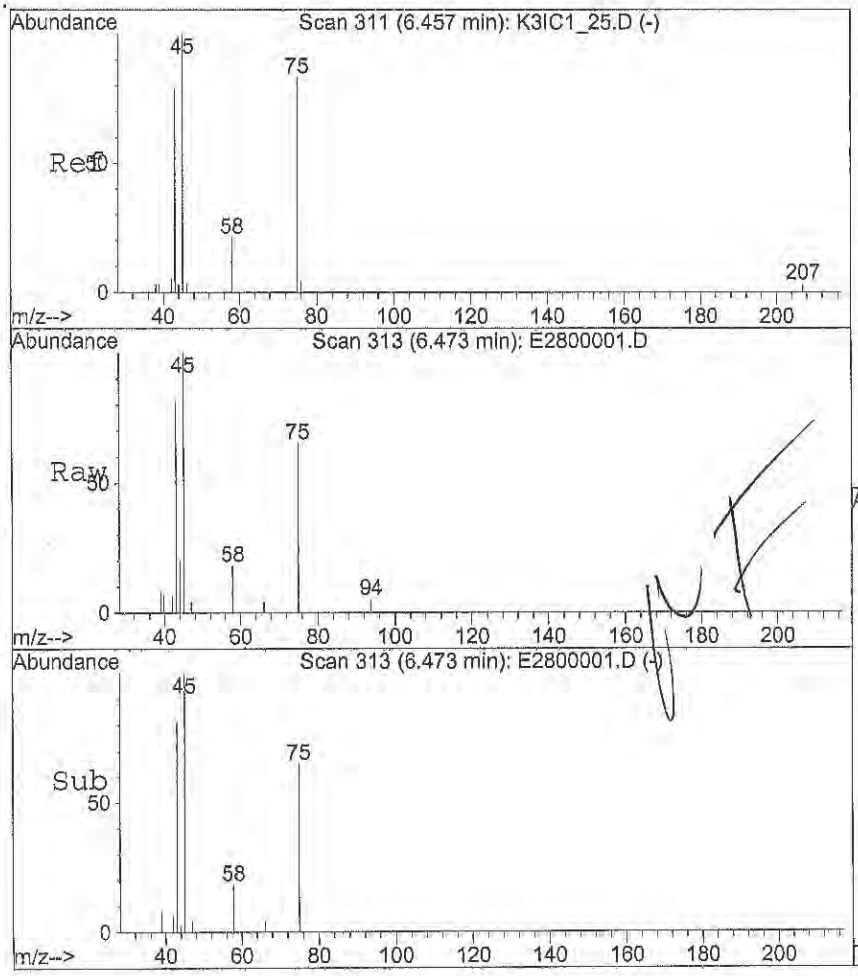


#7
Chloroethane
Concen: 1.53 ug/L
RT: 5.25 min Scan# 168
Delta R.T. 0.01 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 64 Resp: 1246

Ion	Ratio	Lower	Upper
64	100		
66	0.0	35.4	53.0#

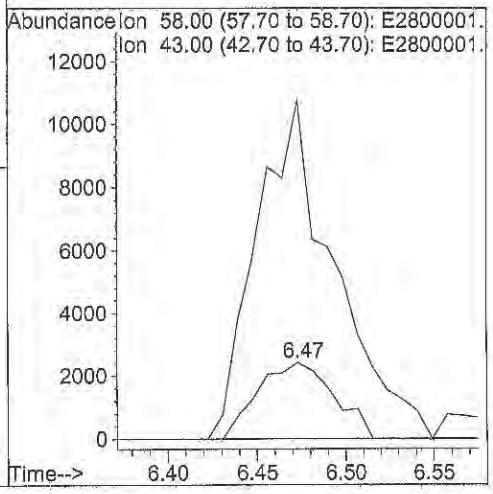


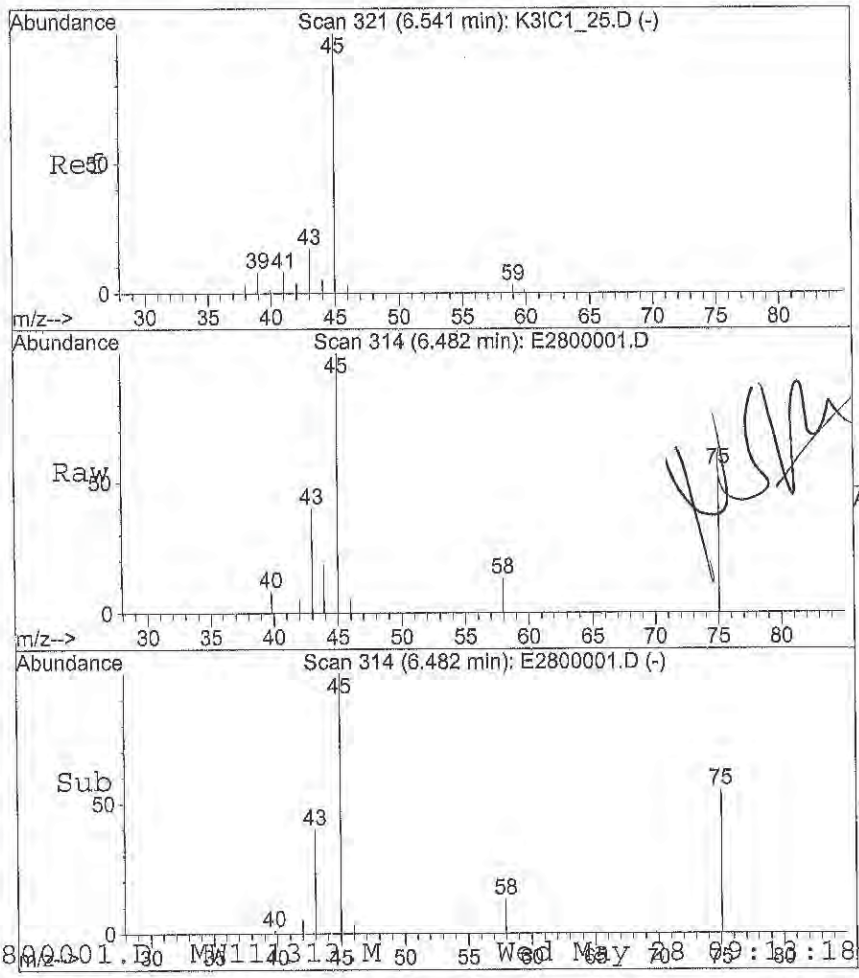


#11
Acetone
Concen: 5.54 ug/L
RT: 6.47 min Scan# 313
Delta R.T. 0.02 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 58 Resp: 7159

Ion	Ratio	Lower	Upper
58	100		
43	459.5	360.9	541.3

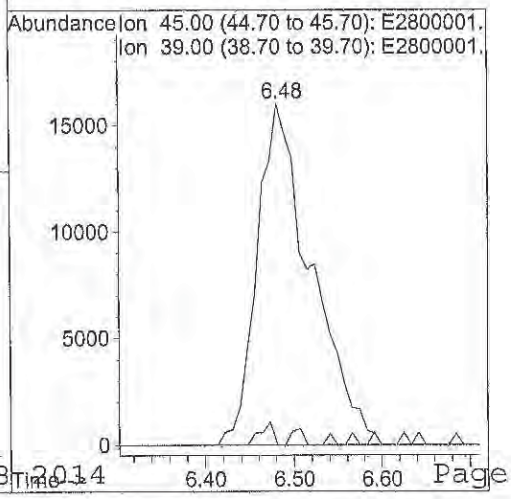


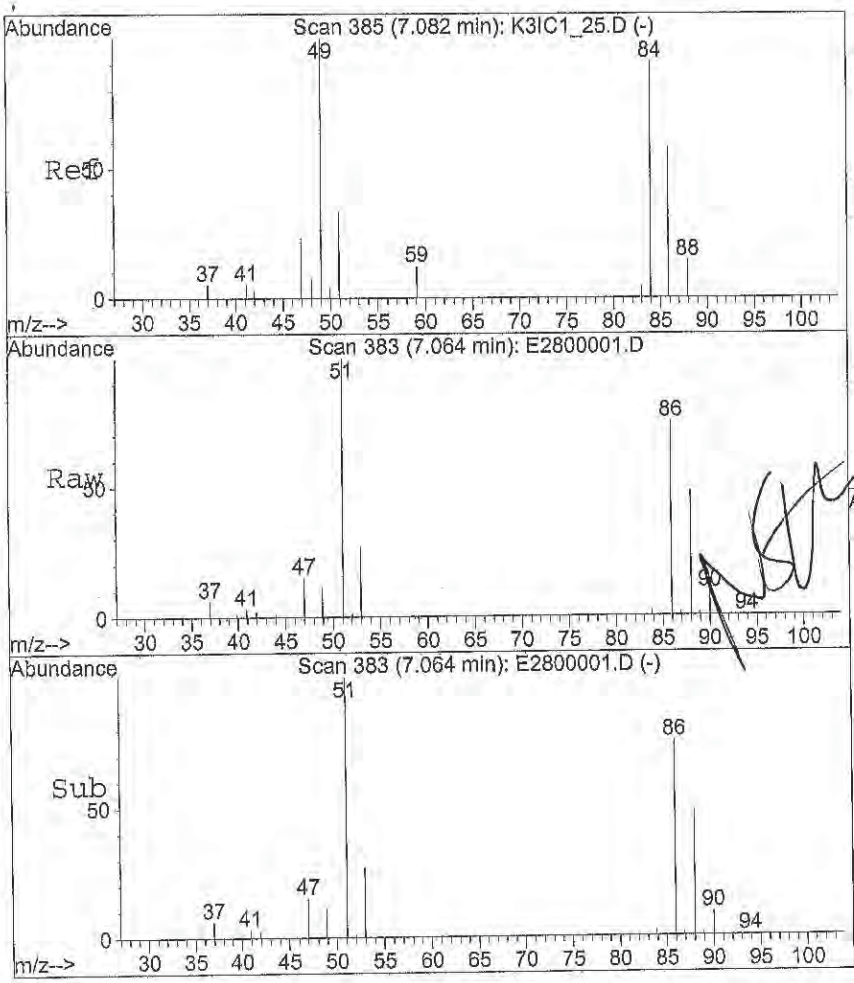


#12
(IPA) Leak Check Compound
Concen: 319.44 ug/L
RT: 6.48 min Scan# 314
Delta R.T. -0.06 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 45 Resp: 67832

Ion	Ratio	Lower	Upper
45	100		
39	1.7	4.9	7.3#

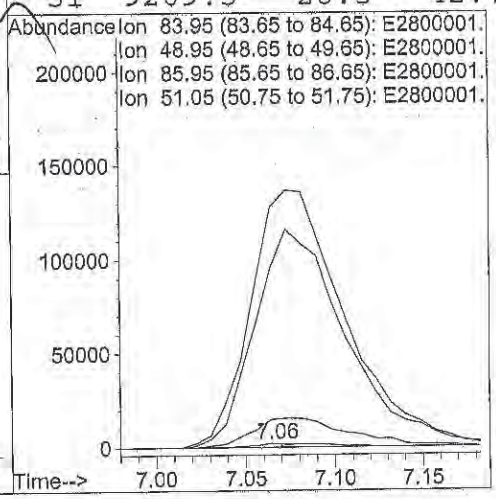


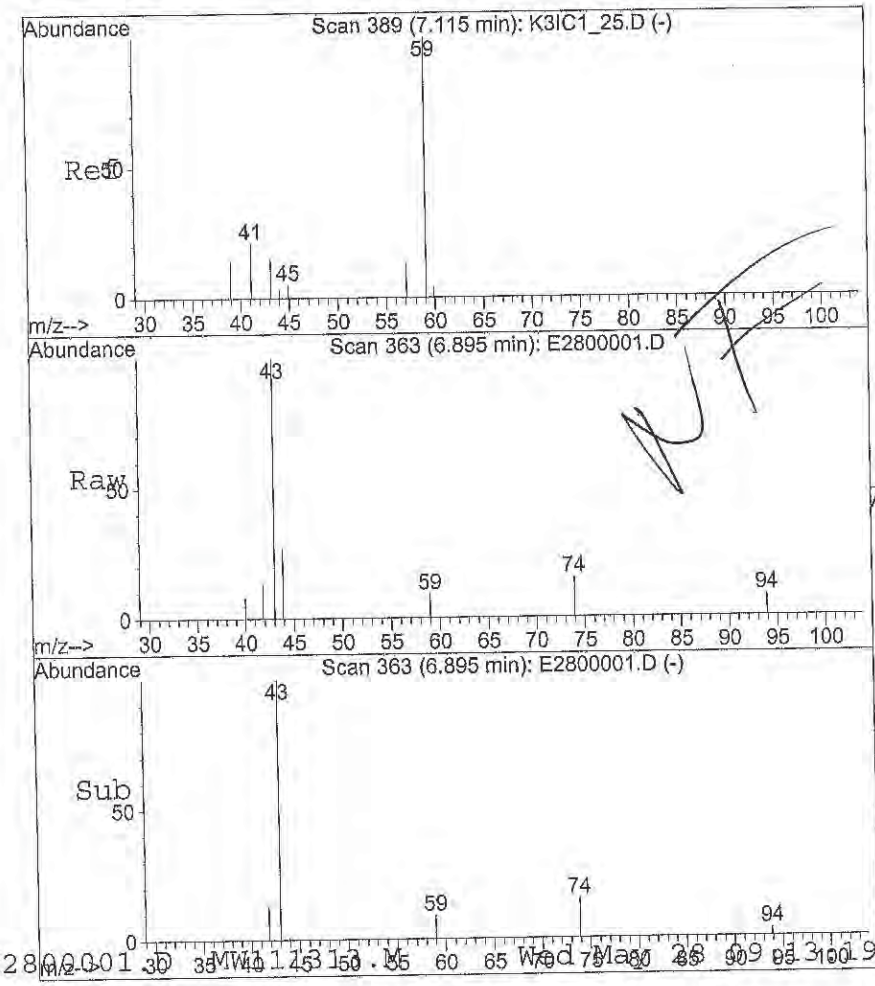


#14
Methylene Chloride
Concen: 1.13 ug/L
RT: 7.06 min Scan# 383
Delta R.T. -0.02 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 84 Resp: 5508

Ion	Ratio	Lower	Upper
84	100		
49	1049.4	89.8	134.6#
86	7519.1	51.1	76.7#
51	9209.5	28.5	42.7#

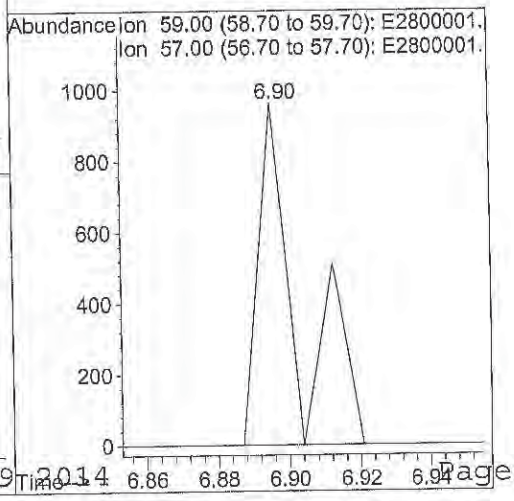


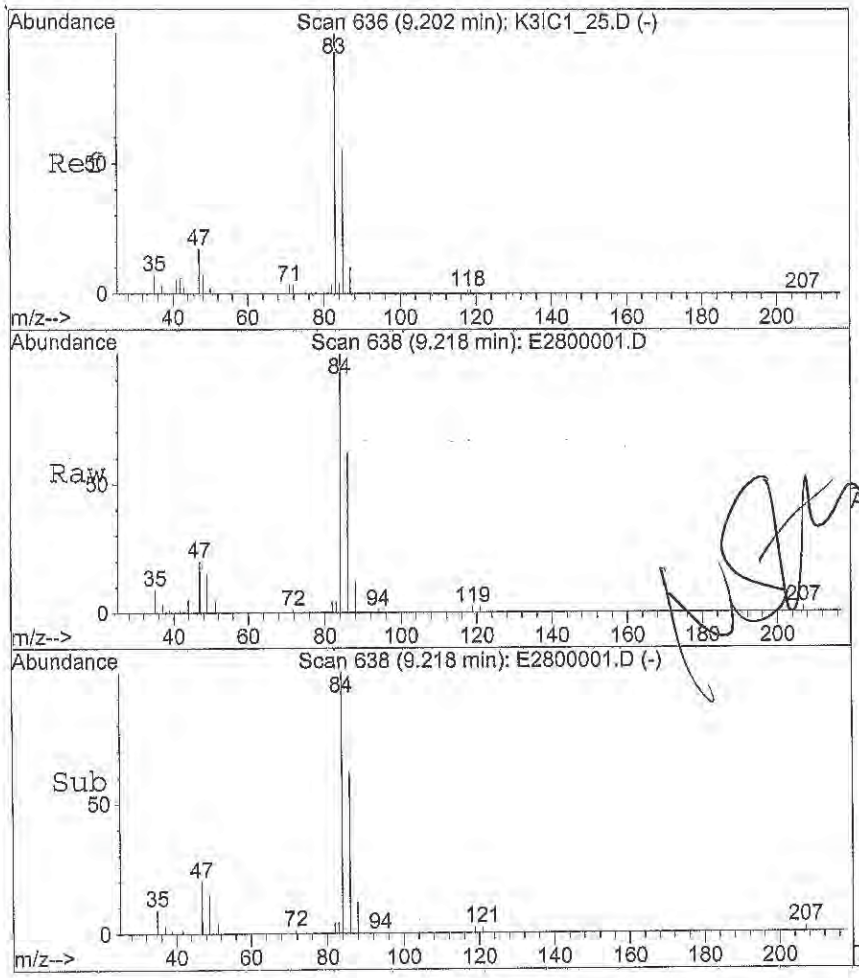


#15
(TBA) tert-Butanol
Concen: 2.48 ug/L
RT: 6.90 min Scan# 363
Delta R.T. -0.22 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 59 Resp: 746

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

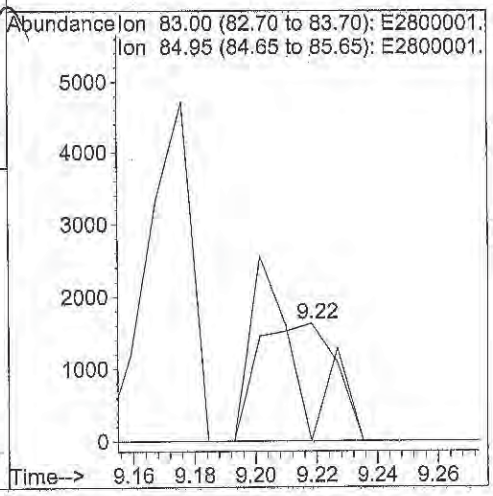


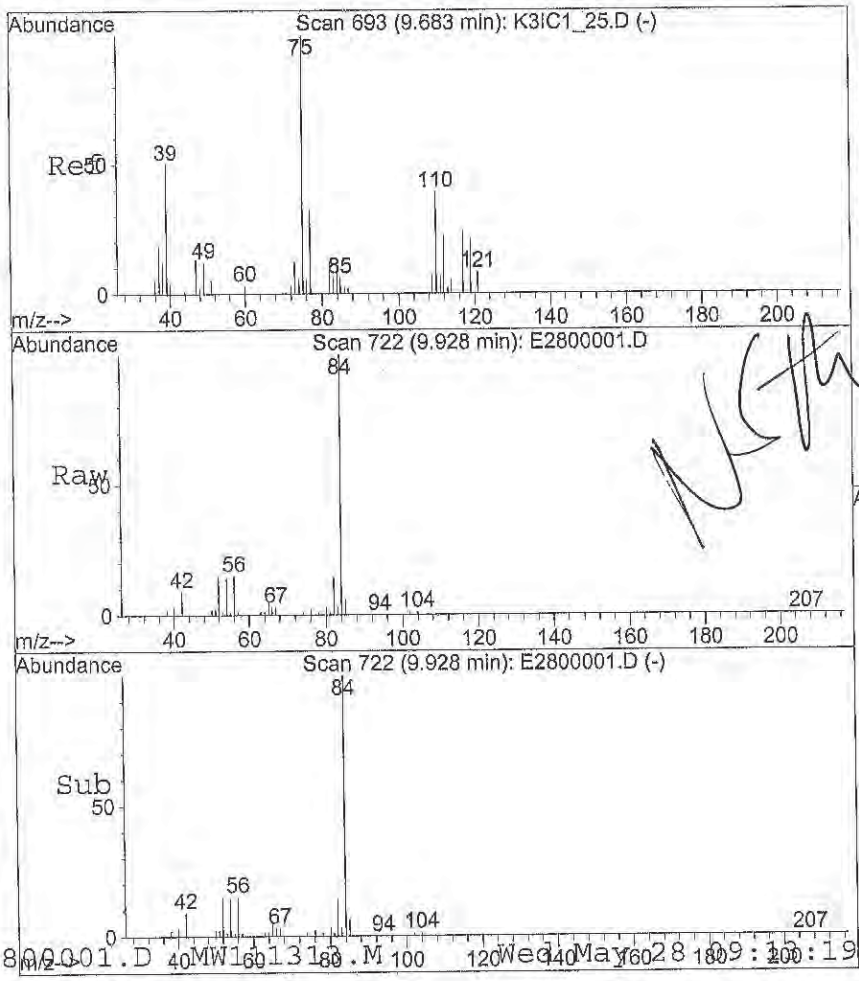


#24
Chloroform
Concen: 0.31 ug/L
RT: 9.22 min Scan# 638
Delta R.T. 0.02 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 83 Resp: 2878

Ion	Ratio	Lower	Upper
83	100		
85	96.0	51.8	77.6#

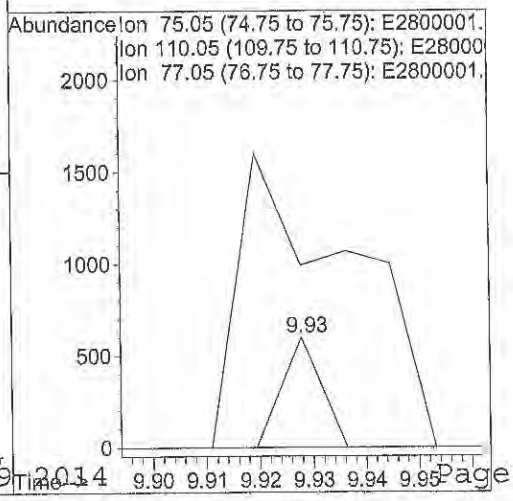


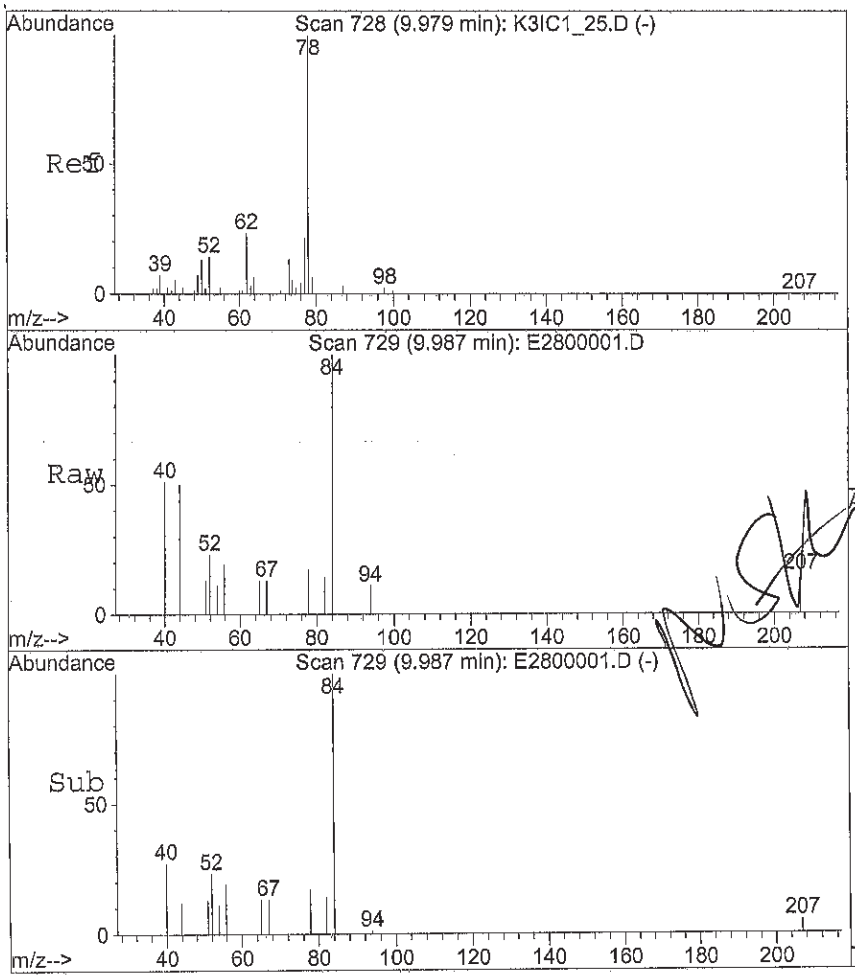


#29
1,1-Dichloropropene
Concen: 0.04 ug/L
RT: 9.93 min Scan# 722
Delta R.T. 0.24 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 75 Resp: 304

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	777.6	25.0	37.4#

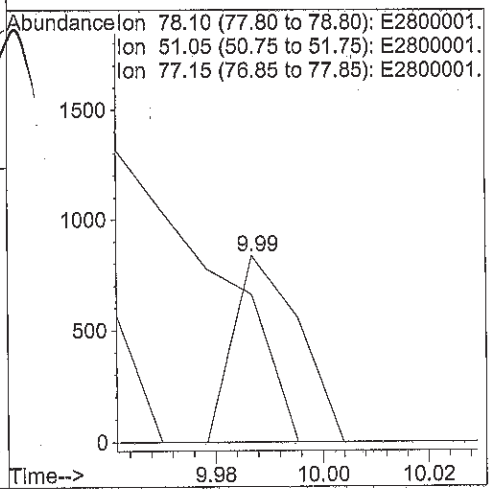


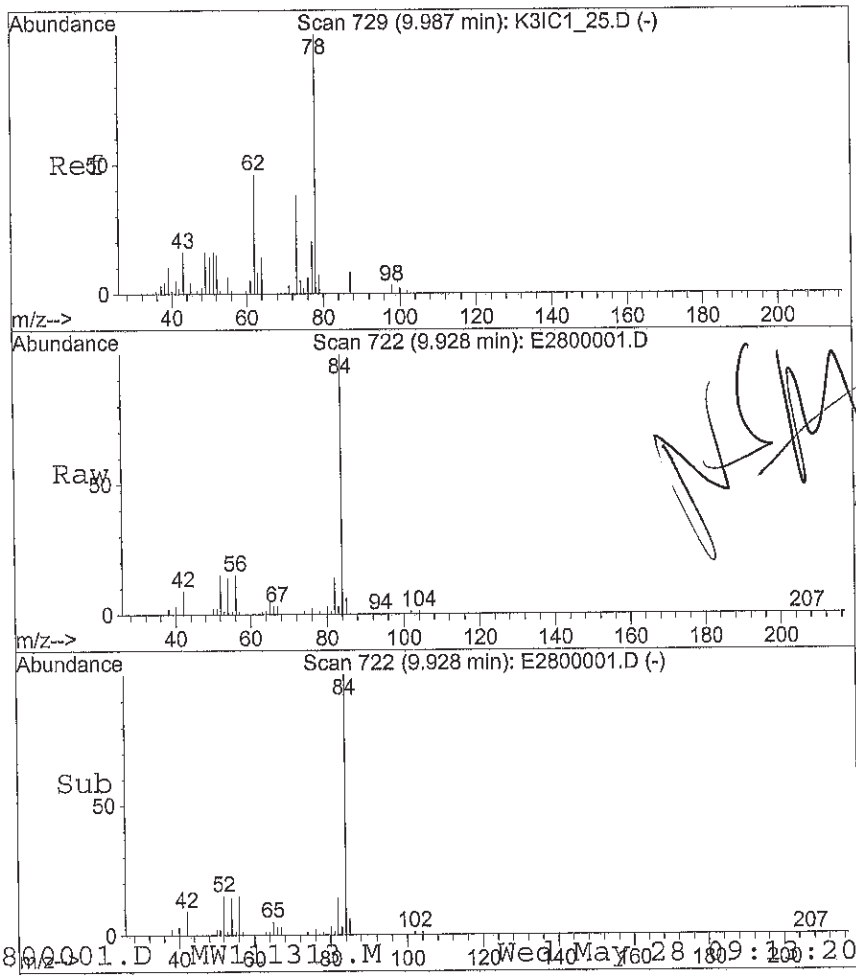


#31
Benzene
Concen: 0.04 ug/L
RT: 9.99 min Scan# 729
Delta R.T. 0.01 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 78 Resp: 706

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	0.0	16.6	24.8#

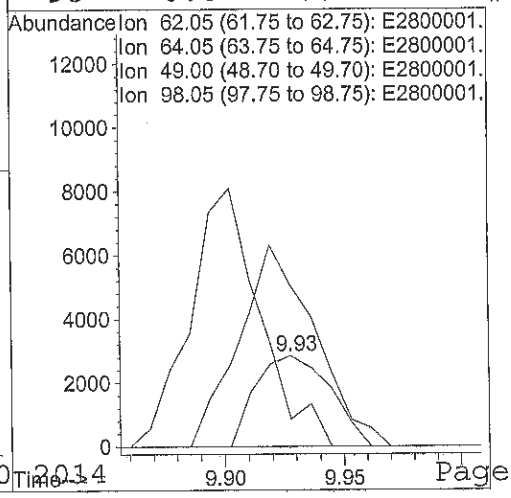


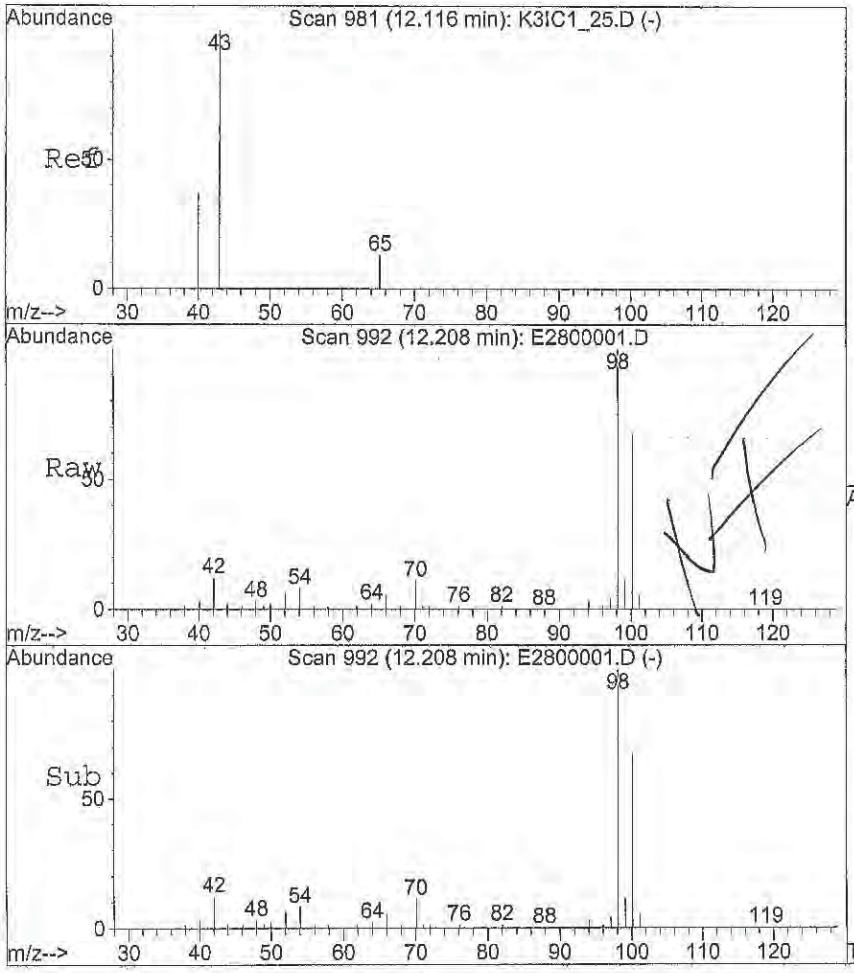


#32
1,2-Dichloroethane
Concen: 1.05 ug/L
RT: 9.93 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 62 Resp: 6196

Ion	Ratio	Lower	Upper
62	100		
64	226.1	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

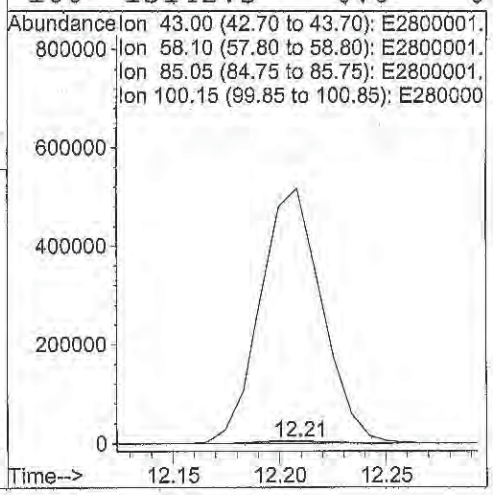


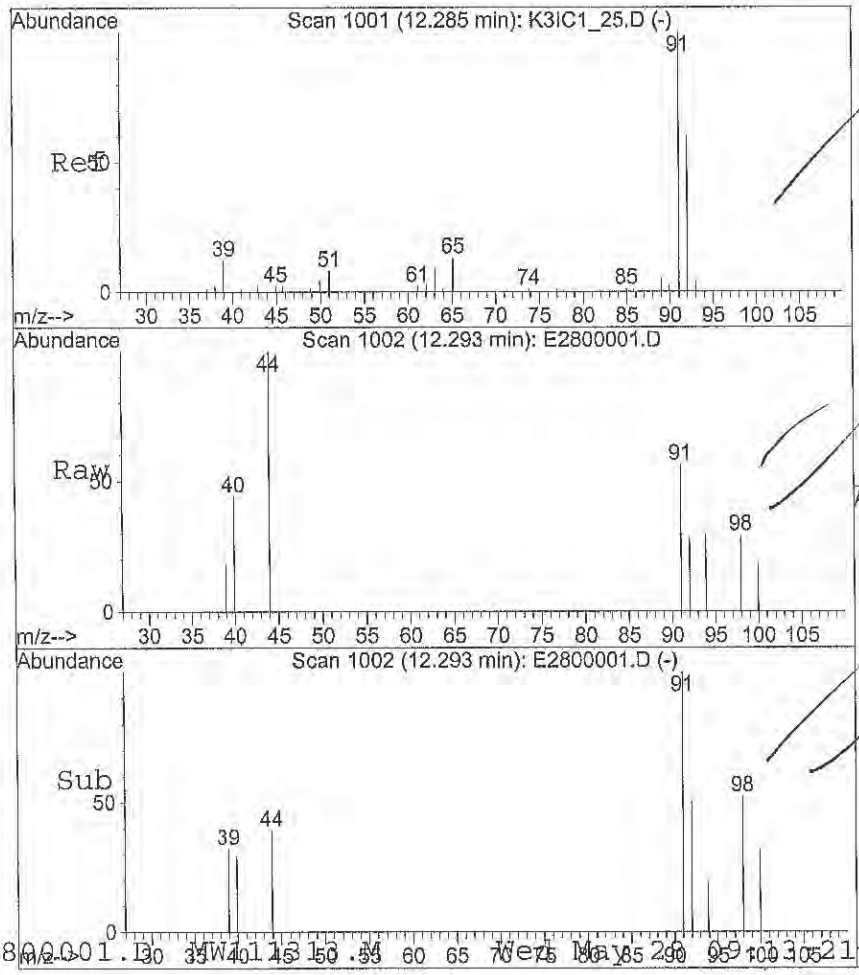


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.96 ug/L
RT: 12.21 min Scan# 992
Delta R.T. 0.09 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 43 Resp: 7862

Ion	Ratio	Lower	Upper
43	100		
58	149.7	0.0	0.0#
85	0.0	0.0	0.0
100	13142.5	0.0	0.0#

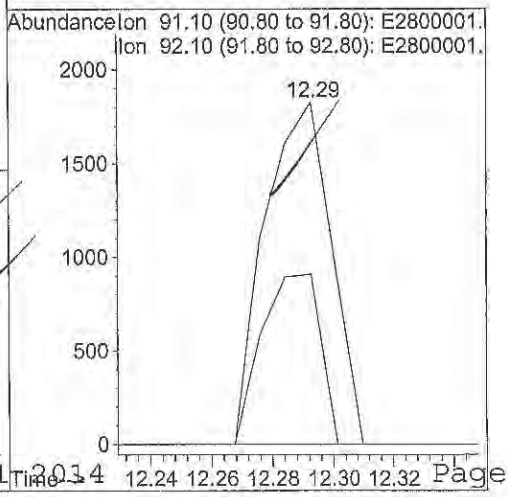


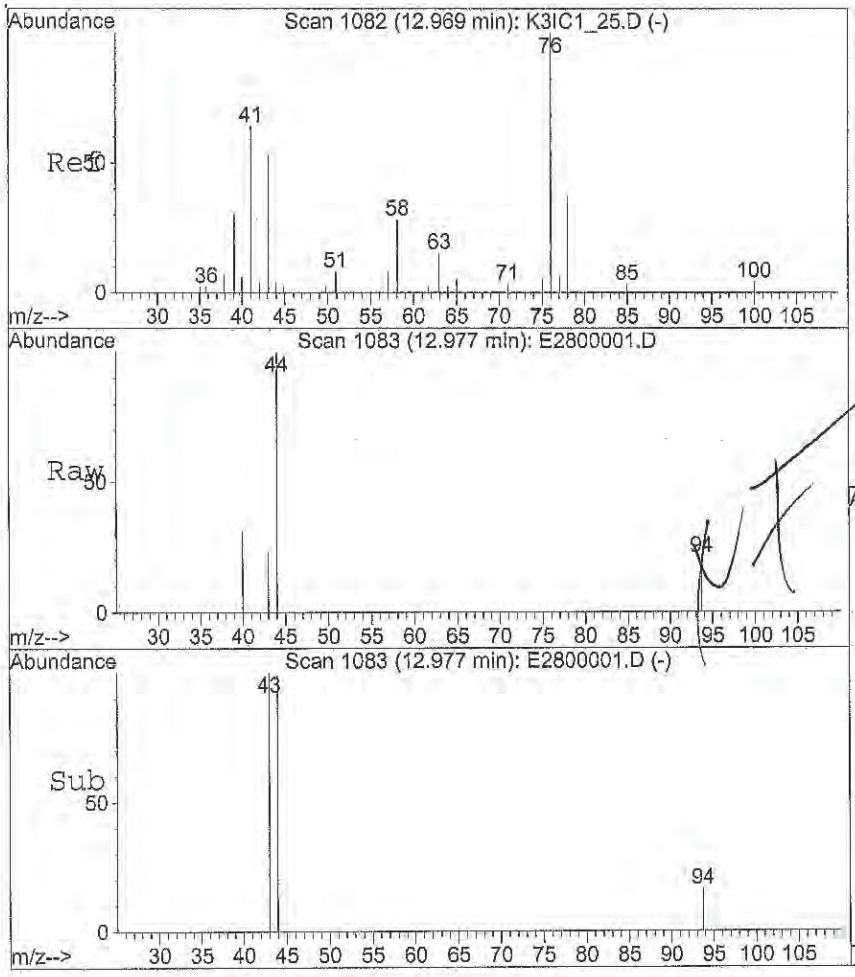


#41
Toluene
Concen: 0.15 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.01 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 91 Resp: 2749

Ion	Ratio	Lower	Upper
91	100		
92	43.9	47.4	71.0#

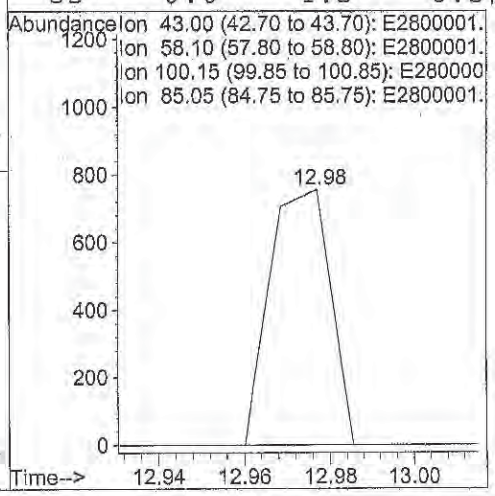


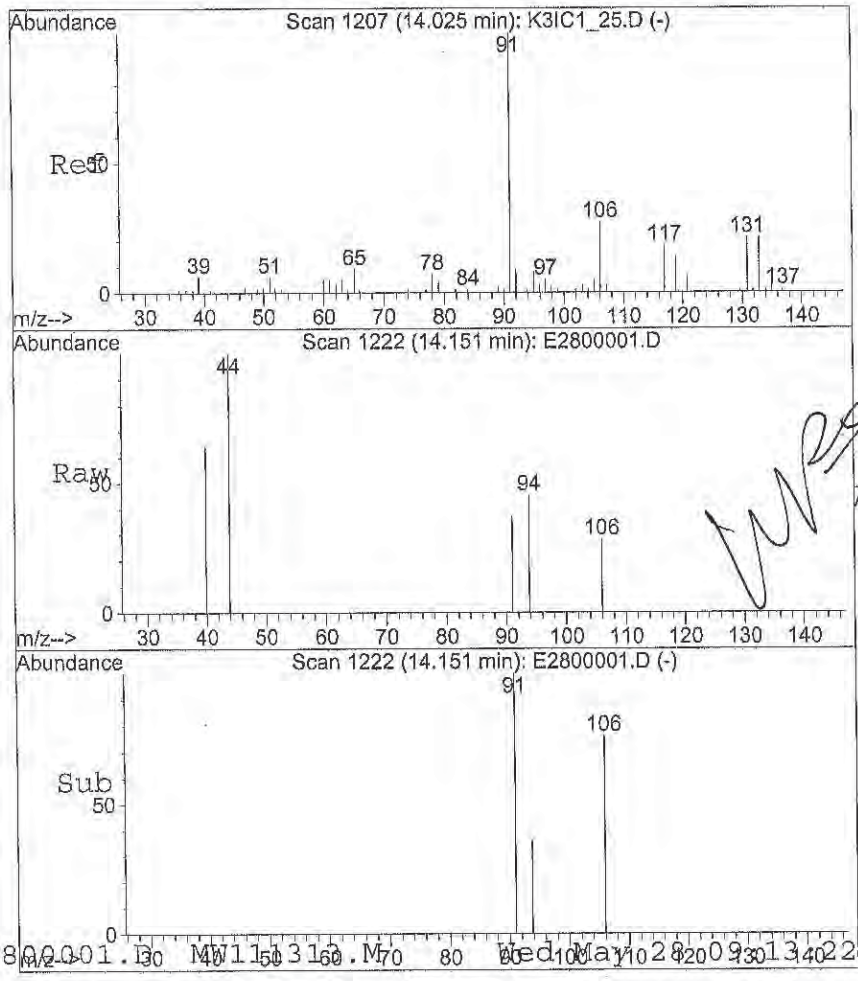


#46
2-Hexanone
Concen: 0.25 ug/L
RT: 12.98 min Scan# 1083
Delta R.T. 0.01 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 43 Resp: 741

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

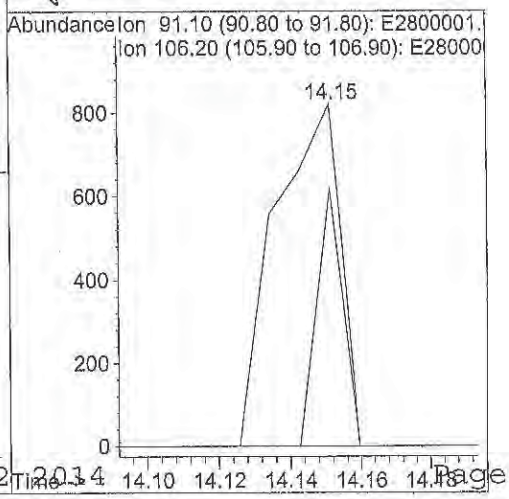


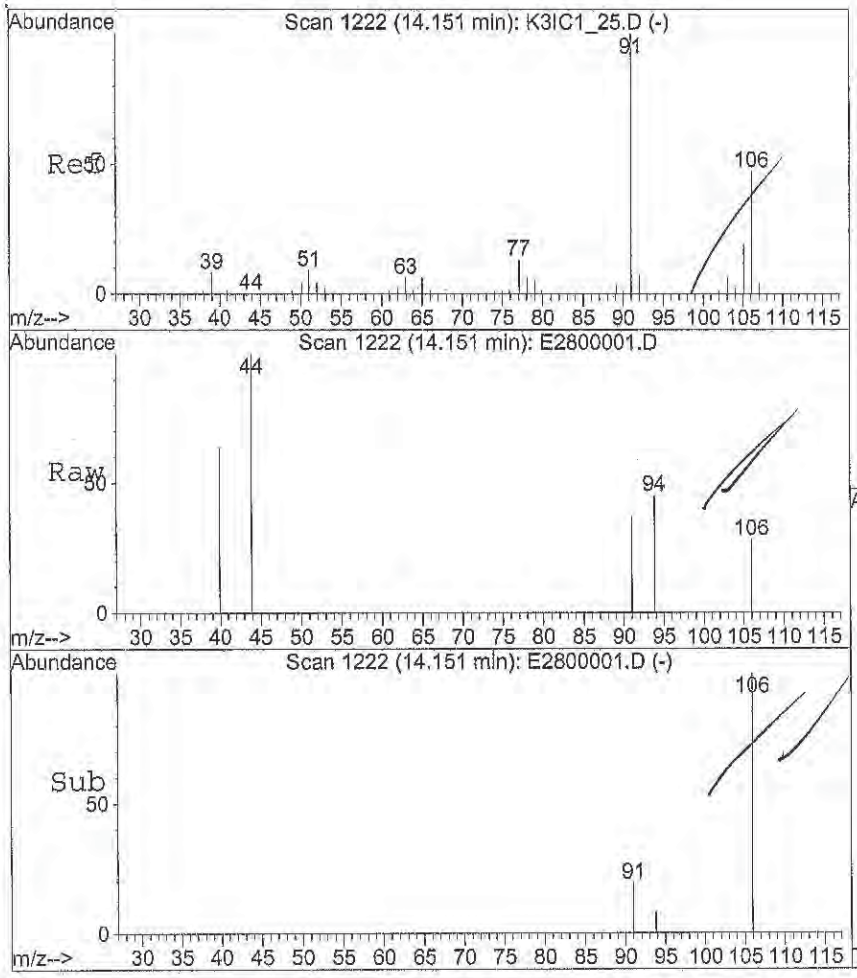


#51
Ethylbenzene
Concen: 0.05 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. 0.13 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 91 Resp: 1034

Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.5	35.3

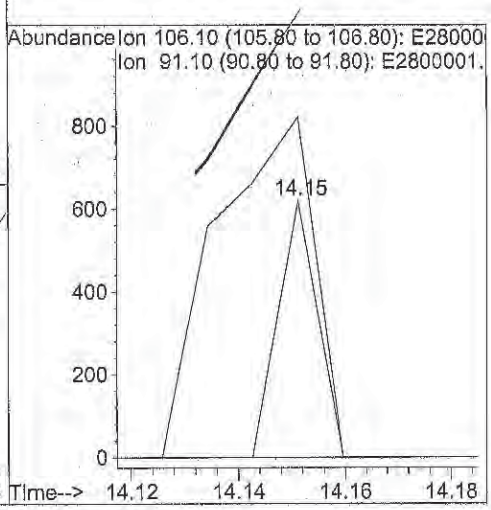


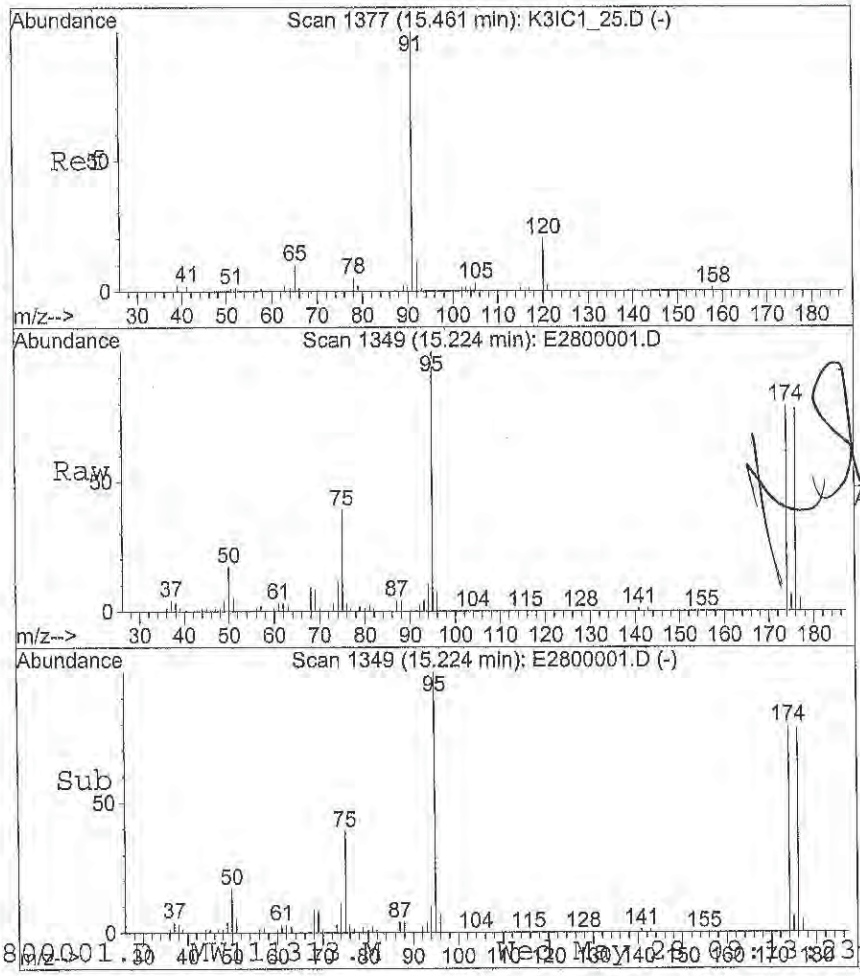


#52
m,p-Xylenes
Concen: 0.04 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.00 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion:106 Resp: 314

Ion	Ratio	Lower	Upper
106	100		
91	329.3	177.1	265.7#

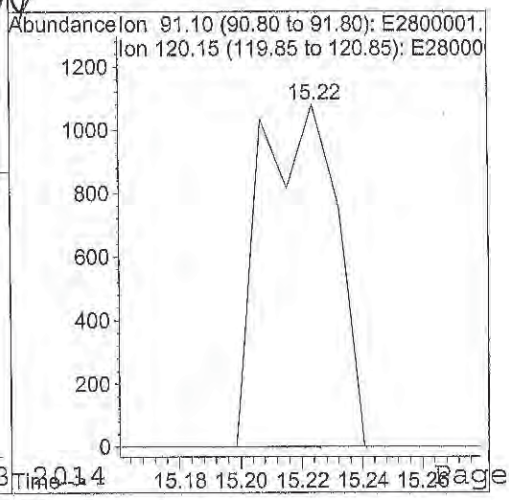


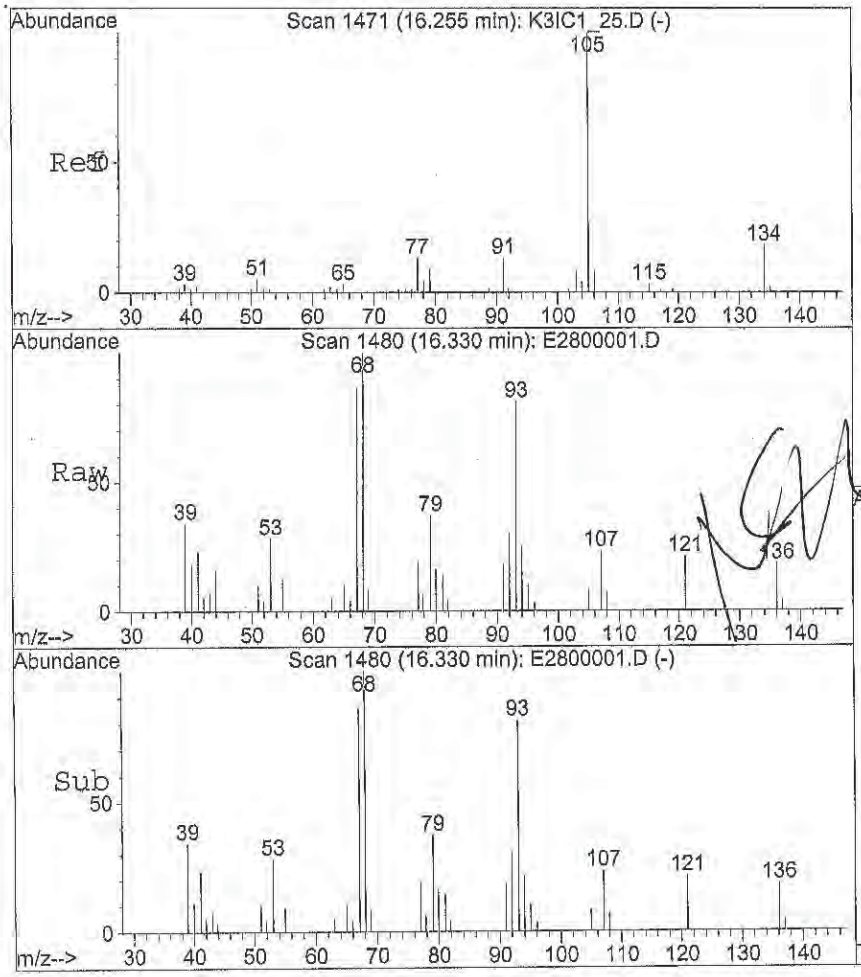


#62
n-Propylbenzene
Concen: 0.07 ug/L
RT: 15.22 min Scan# 1349
Delta R.T. -0.24 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 91 Resp: 1869

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

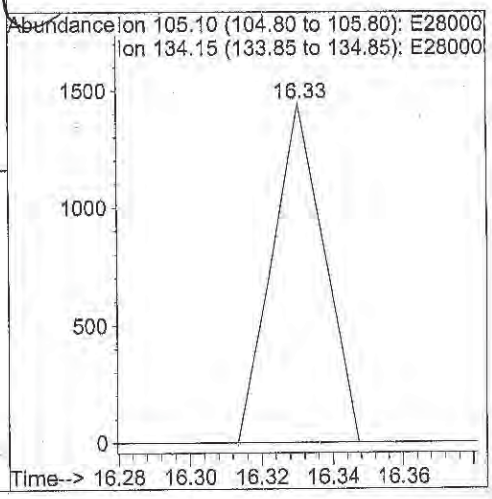


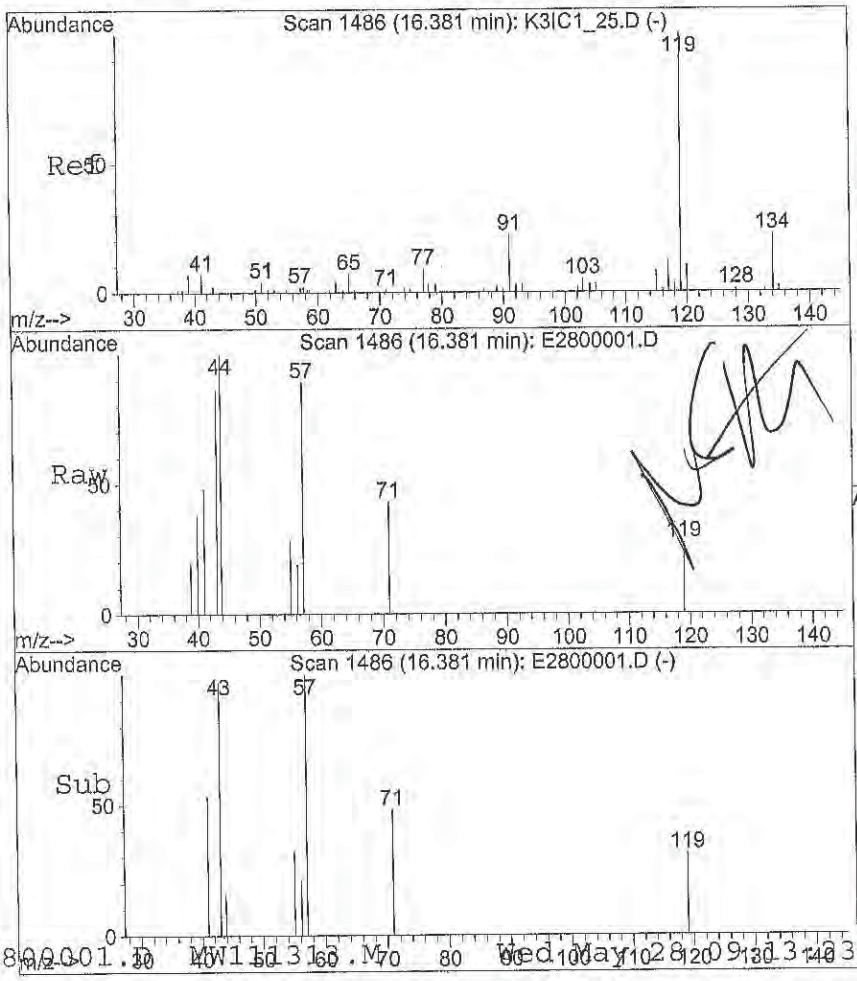


#68
sec-Butylbenzene
Concen: 0.06 ug/L
RT: 16.33 min Scan# 1480
Delta R.T. 0.08 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion:105 Resp: 1441

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

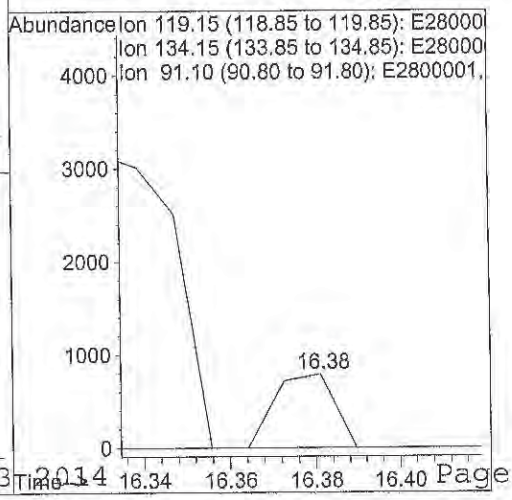


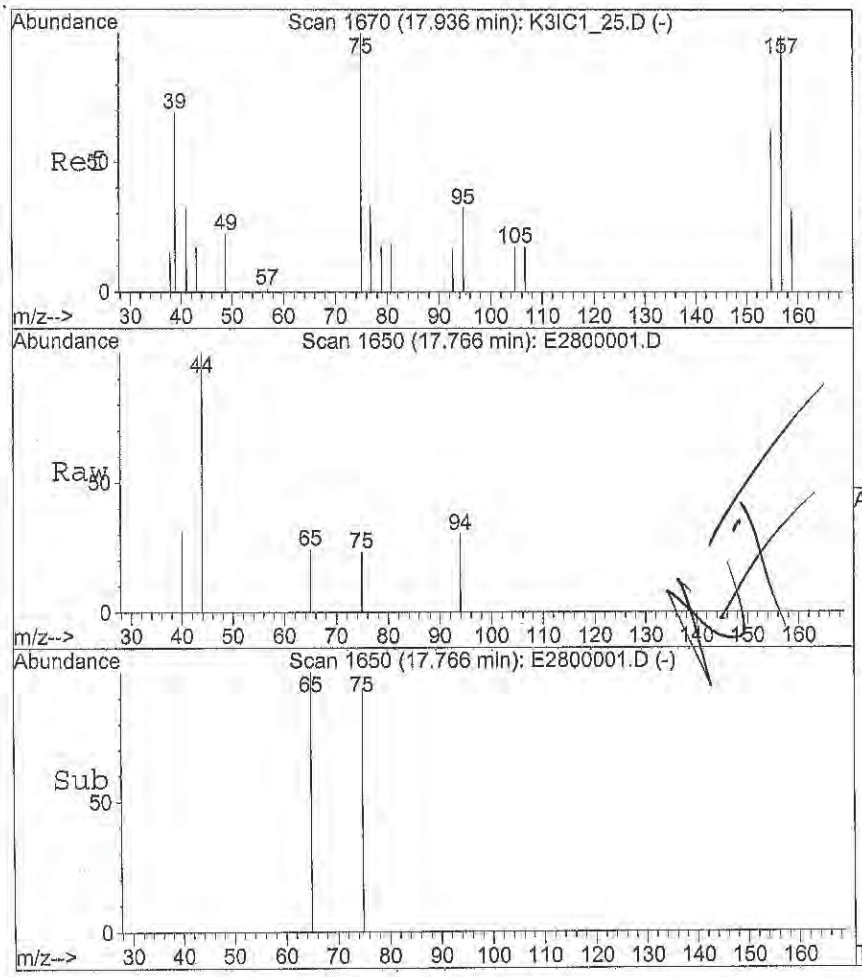


#69
p-Isopropyltoluene
Concen: 0.04 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.00 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion:119 Resp: 764

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#

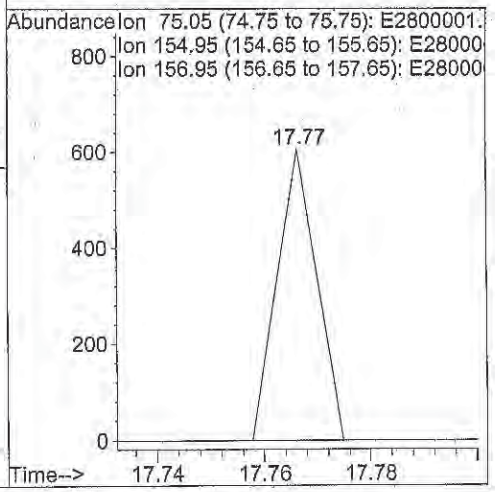


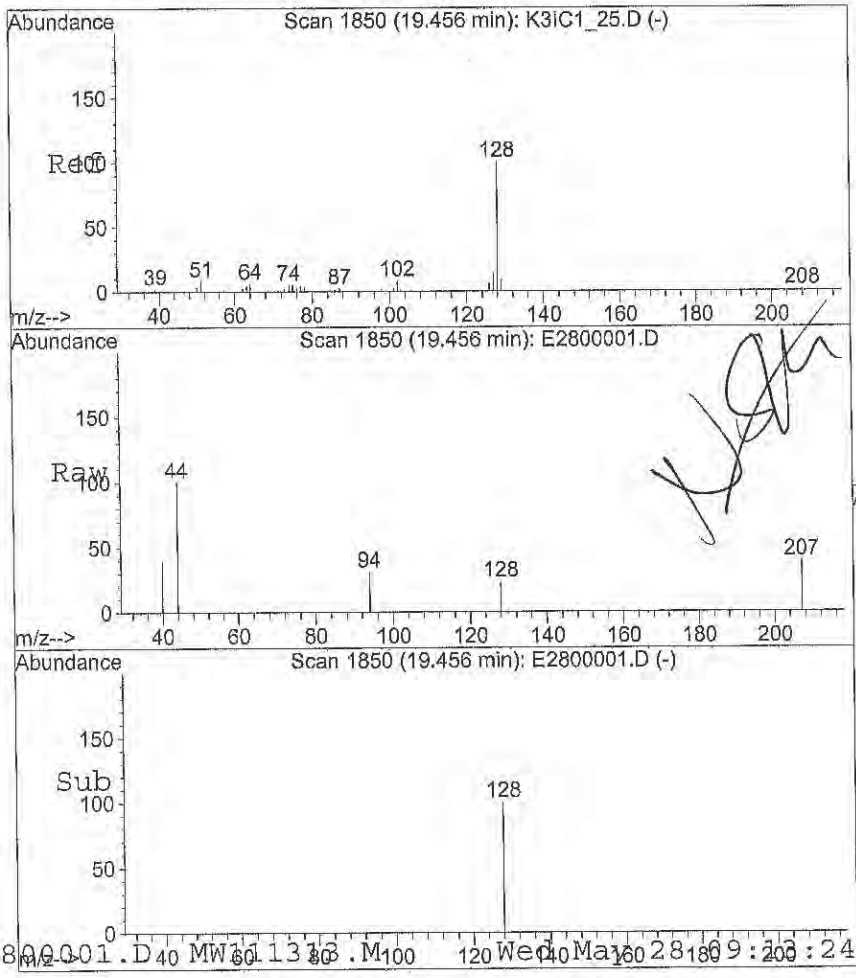


#74
1,2-Dibromo-3-chloropropane
Concen: 1.27 ug/L
RT: 17.77 min Scan# 1650
Delta R.T. -0.17 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion: 75 Resp: 307

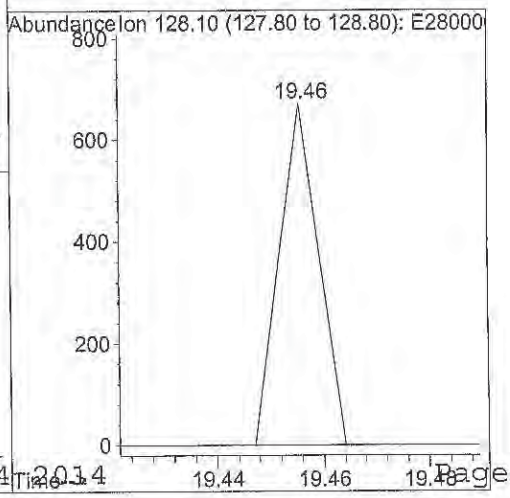
Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.2	88.8#
157	0.0	77.0	115.6#





#77
Naphthalene
Concen: 0.02 ug/L
RT: 19.46 min Scan# 1850
Delta R.T. -0.00 min
Lab File: E2800001.D
Acq: 28 May 2014 8:13 am

Tgt Ion:128 Resp: 341



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800001.D Vial: 11
Acq On : 28 May 2014 8:13 am Operator: DN
Sample : 3E42801-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:12 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1767160	12.50	ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.91	117	1332346	12.50	ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	691087	12.50	ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	484006	10.53	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 84.24%			
3) Chloroform-d (SU6)	9.18	84	734985	11.15	ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 89.20%			
4) Methylene Chloride-d2 (SU5	7.07	86	414154	10.75	ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 86.00%			
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	470035	14.97	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 119.76%			
6) Benzene-d6 (SU7)	9.93	84	1424963	10.28	ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 82.24%			
8) Toluene-d8 (SU3)	12.21	98	1528587	12.09	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.72%			
9) 4-Bromofluorobenzene (SU4)	15.22	95	724152	13.88	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 111.04%			

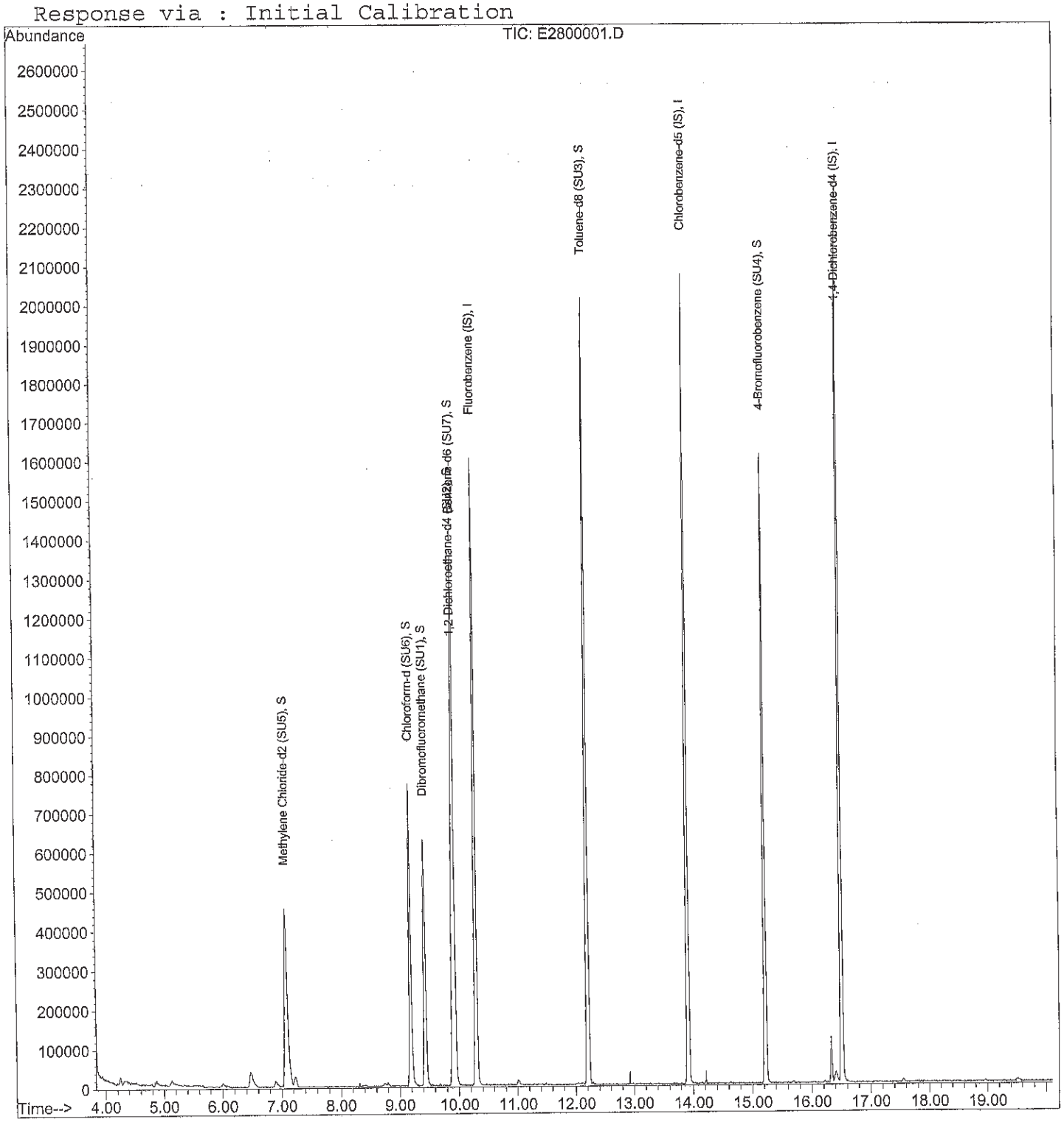
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800001.D Vial: 11
Acq On : 28 May 2014 8:13 am Operator: DN
Sample : 3E42801-01 Inst : GC/MS Ins
Misc : 100cc Equipment Blank Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:12 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800002.D Vial: 1
Acq On : 28 May 2014 8:47 am Operator: DN
Sample : 3E42801-02 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:14 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1628814	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1280080	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	672692	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	473247	11.65 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 93.20%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	471749	12.22 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 97.76%		
39) Toluene-d8 (SU3)	12.21	98	1410542	11.81 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 94.48%		
58) 4-Bromofluorobenzene (SU4)	15.21	95	700102	13.37 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 106.96%		

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.17	85	309	0.08 ~~ug/L~~ #	44
4) Chloromethane	4.39	50	1164	-0.80 ~~ug/L~~ #	41
6) Bromomethane	5.11	96	1662	-0.85 ~~ug/L~~ #	1
7) Chloroethane	5.25	64	4511	4.02 ~~ug/L~~ #	32
11) Acetone	6.46	58	7704	7.45 ~~ug/L~~	88
12) (IPA) Leak Check Compound	6.49	45	93153	475.94 ~~ug/L~~ #	83
13) Carbon disulfide	6.85	76	1311	0.10 ~~ug/L~~ #	76
14) Methylene Chloride	7.09	84	6524	1.46 ~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.95	59	354	1.27 ~~ug/L~~ #	77
24) Chloroform	9.23	83	1652	0.19 ~~ug/L~~ #	18
29) 1,1-Dichloropropene	9.94	75	777	0.12 ~~ug/L~~ #	1
31) Benzene	9.99	78	1147	0.07 ~~ug/L~~ #	79
32) 1,2-Dichloroethane	9.92	62	6151	1.13 ~~ug/L~~ #	1
40) (MIBK) 4-Methyl-2-Pentanon	12.21	43	7286	2.85 ~~ug/L~~ #	100
41) Toluene	12.29	91	4573	0.26 ug/L #	0.00528 0
46) 2-Hexanone	12.97	43	415	0.15 ~~ug/L~~ #	37
51) Ethylbenzene	14.02	91	3307	0.17 ~~ug/L~~ #	45
52) m,p-Xylenes	14.15	106	2542	0.36 ug/L	0.0072 99
53) o-Xylene	14.62	106	1697	0.24 ug/L	0.0048 90
54) Styrene	14.62	104	1312	-0.75 ~~ug/L~~ #	41
56) Isopropylbenzene	15.21	105	1657	0.09 ~~ug/L~~ #	1
62) n-Propylbenzene	15.46	91	832	0.03 ~~ug/L~~ #	56

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800002.D Vial: 1
Acq On : 28 May 2014 8:47 am Operator: DN
Sample : 3E42801-02 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:14 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

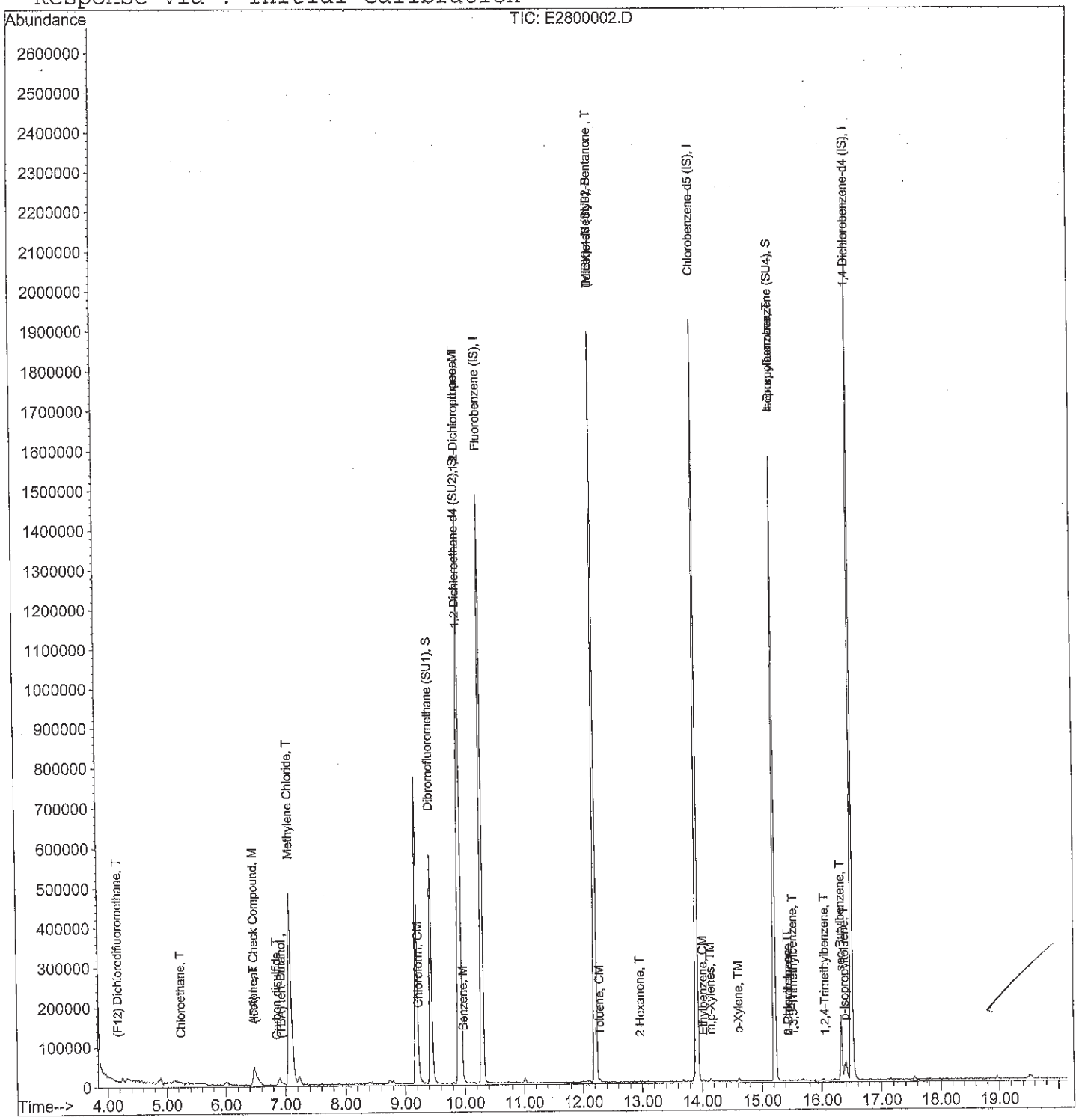
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
63) 2-Chlorotoluene	15.46	91	832	0.05 ~~ug/L~~ # NSV	45
64) 1,3,5-Trimethylbenzene	15.54	105	648	0.04 ~~ug/L~~ #	31
67) 1,2,4-Trimethylbenzene	16.06	105	1569	0.09 ~~ug/L~~ #	33
68) sec-Butylbenzene	16.33	105	2565	0.11 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	1963	0.11 ~~ug/L~~ #	52

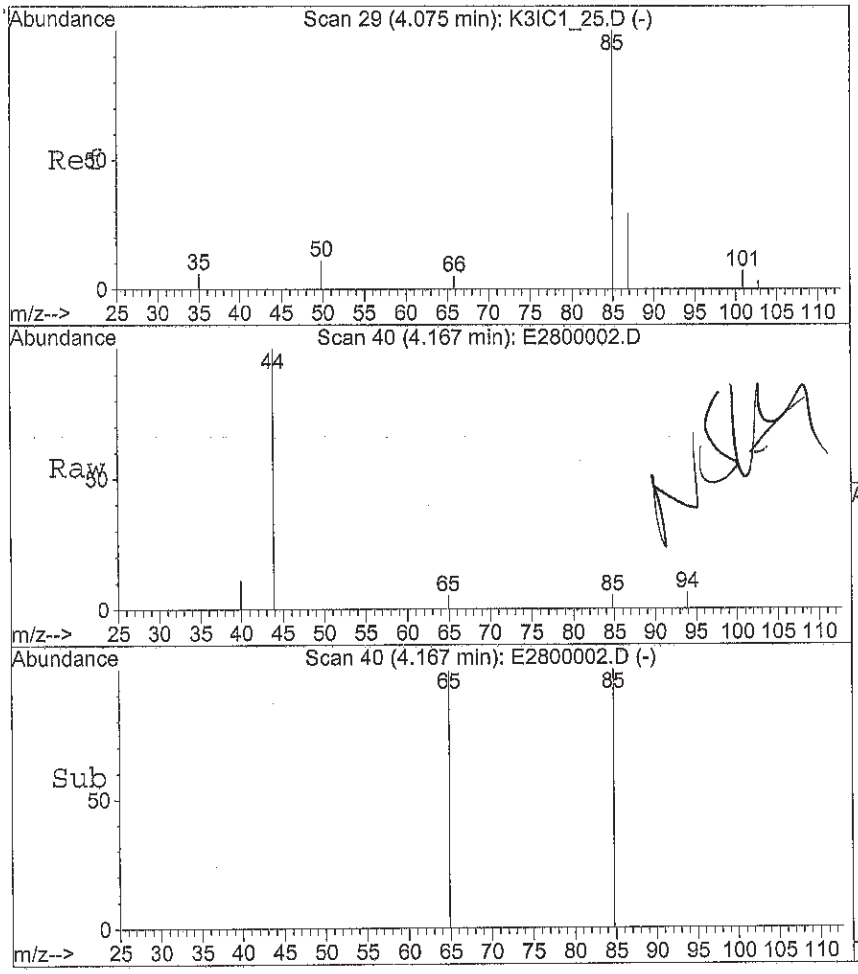
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800002.D Vial: 1
Acq On : 28 May 2014 8:47 am Operator: DN
Sample : 3E42801-02 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:14 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

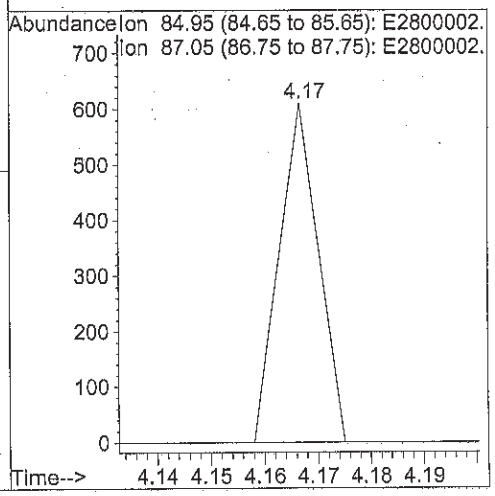


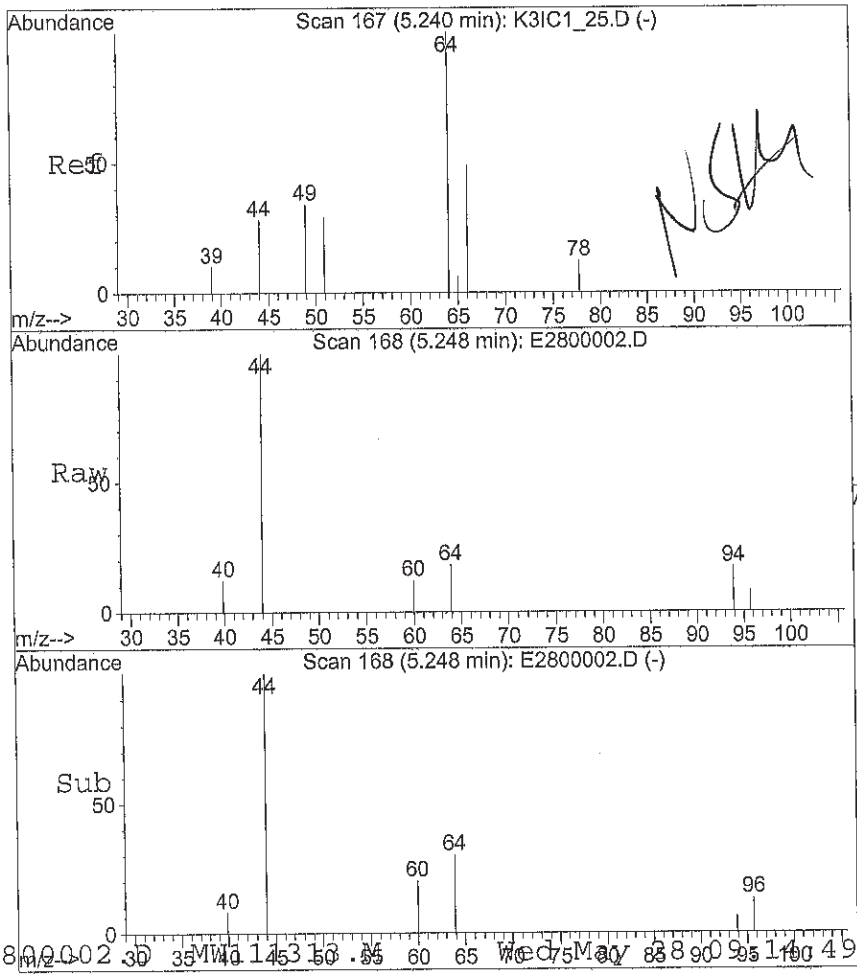


#3
(F12) Dichlorodifluoromethane
Concen: 0.08 ug/L
RT: 4.17 min Scan# 40
Delta R.T. 0.09 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 85 Resp: 309

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.6	37.0#

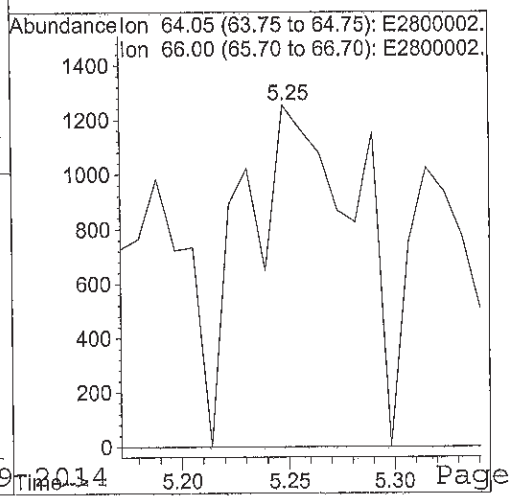


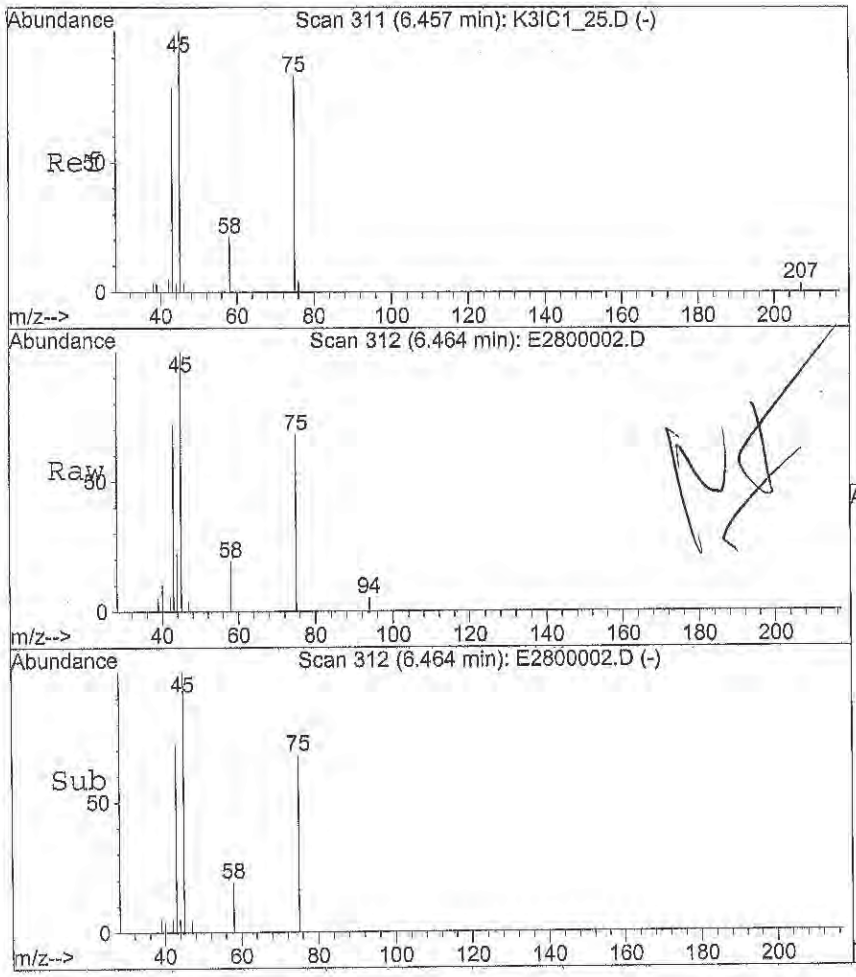


#7
Chloroethane
Concen: 4.02 ug/L
RT: 5.25 min Scan# 168
Delta R.T. 0.01 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 64 Resp: 4511

Ion	Ratio	Lower	Upper
64	100		
66	0.0	35.4	53.0#

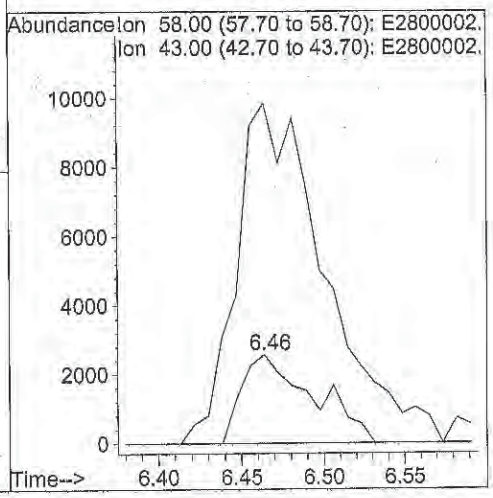


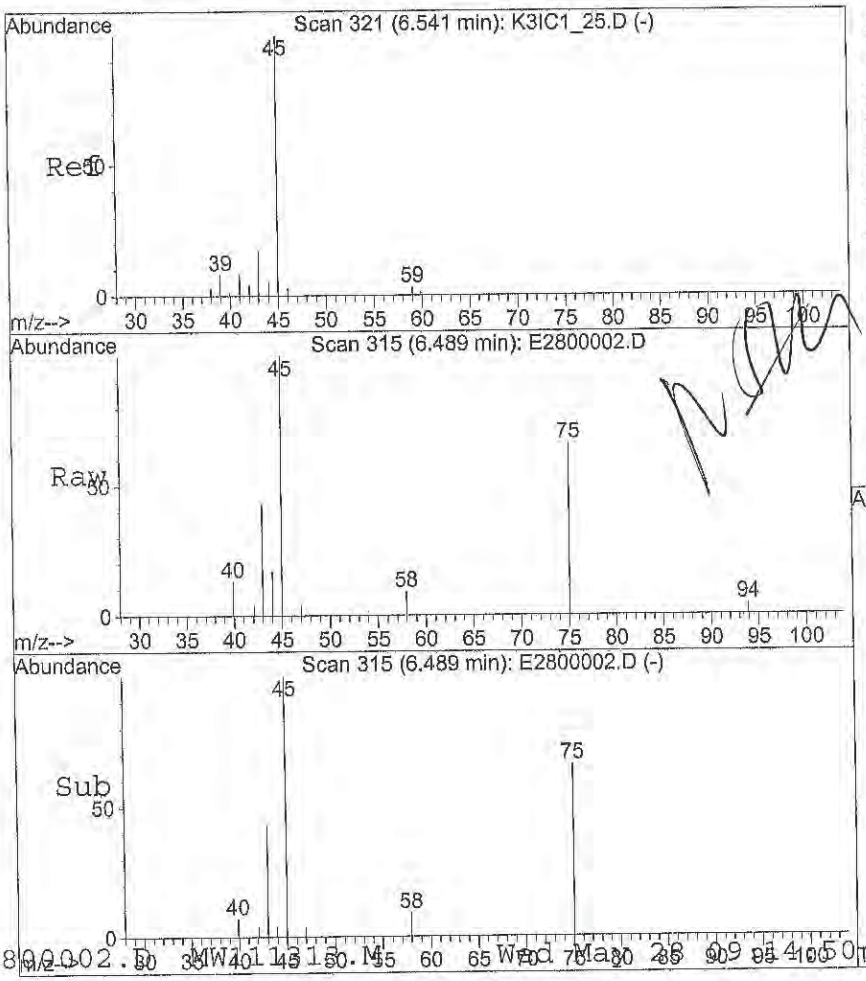


#11
Acetone
Concen: 7.45 ug/L
RT: 6.46 min Scan# 312
Delta R.T. 0.01 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 58 Resp: 7704

Ion	Ratio	Lower	Upper
58	100		
43	480.8	360.9	541.3

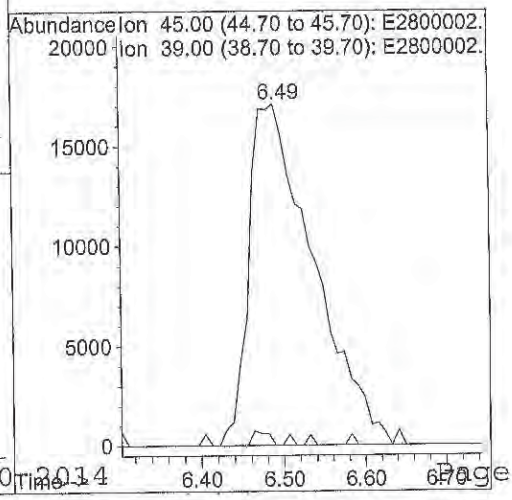


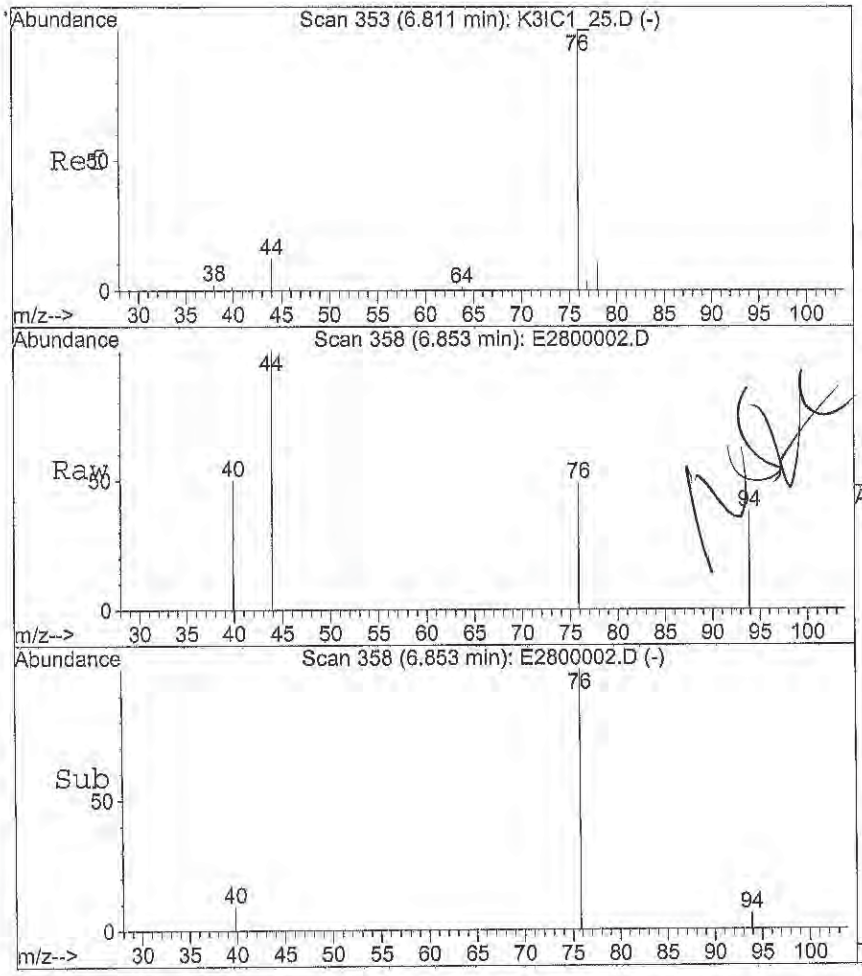


#12
(IPA) Leak Check Compound
Concen: 475.94 ug/L
RT: 6.49 min Scan# 315
Delta R.T. -0.05 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 45 Resp: 93153

Ion	Ratio	Lower	Upper
45	100		
39	0.3	4.9	7.3#

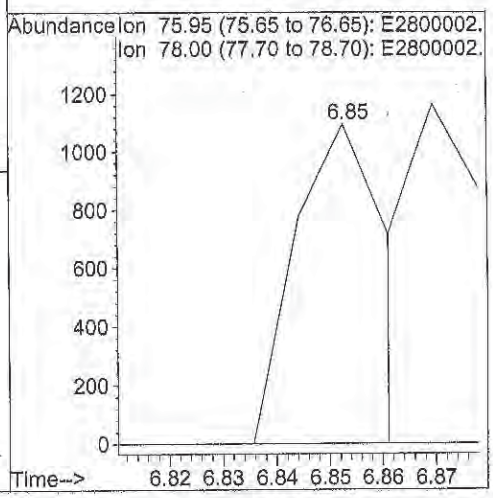


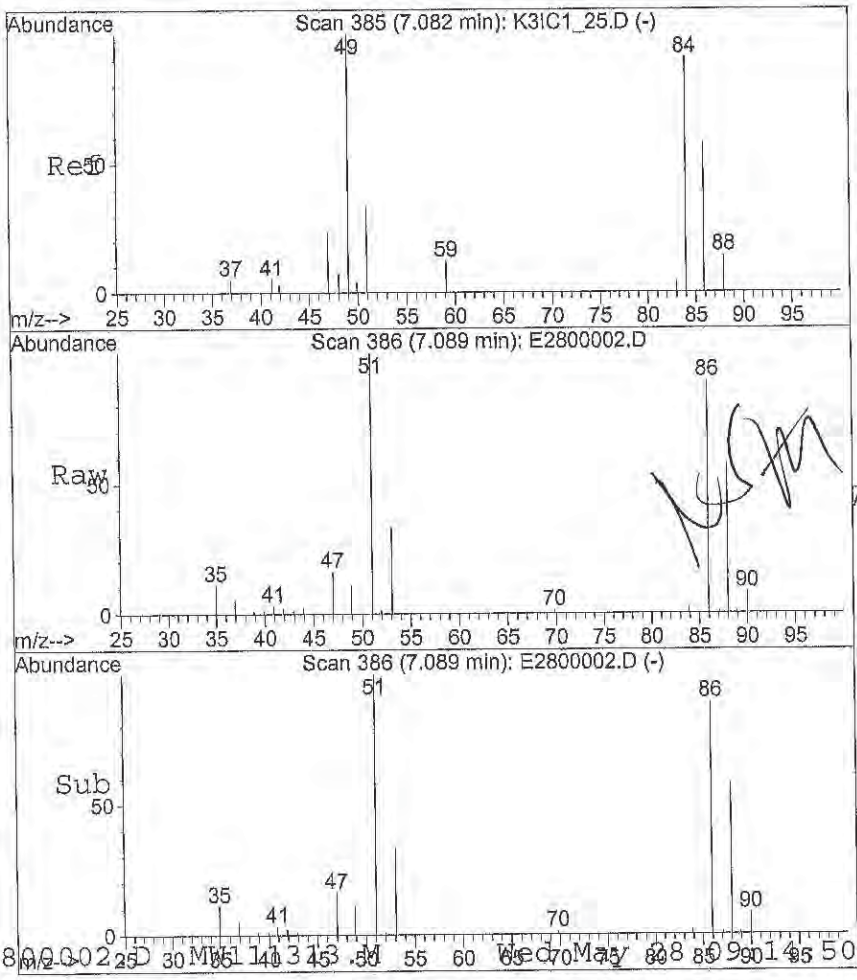


#13
Carbon disulfide
Concen: 0.10 ug/L
RT: 6.85 min Scan# 358
Delta R.T. 0.04 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 76 Resp: 1311

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

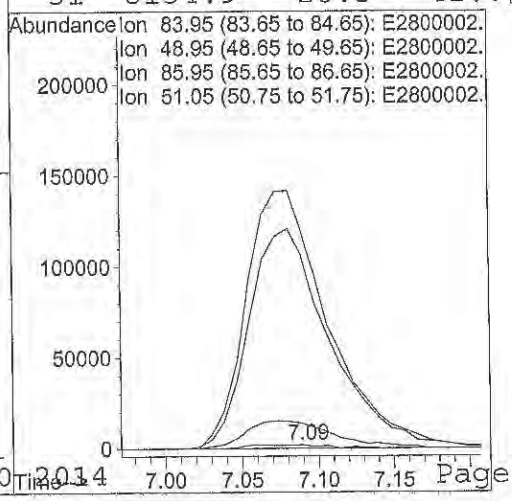


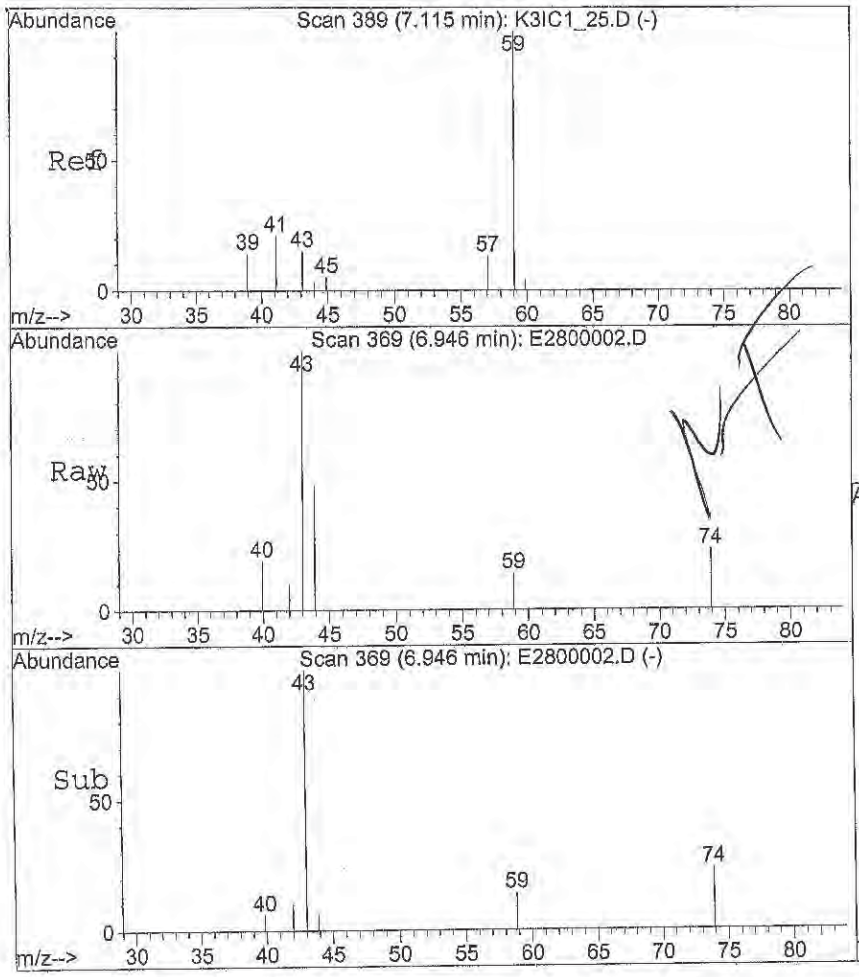


#14
Methylene Chloride
Concen: 1.46 ug/L
RT: 7.09 min Scan# 386
Delta R.T. 0.01 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 84 Resp: 6524

Ion	Ratio	Lower	Upper
84	100		
49	917.0	89.8	134.6#
86	6838.7	51.1	76.7#
51	8134.9	28.5	42.7#

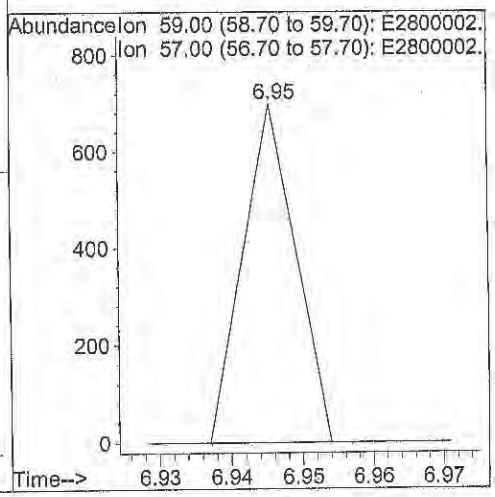


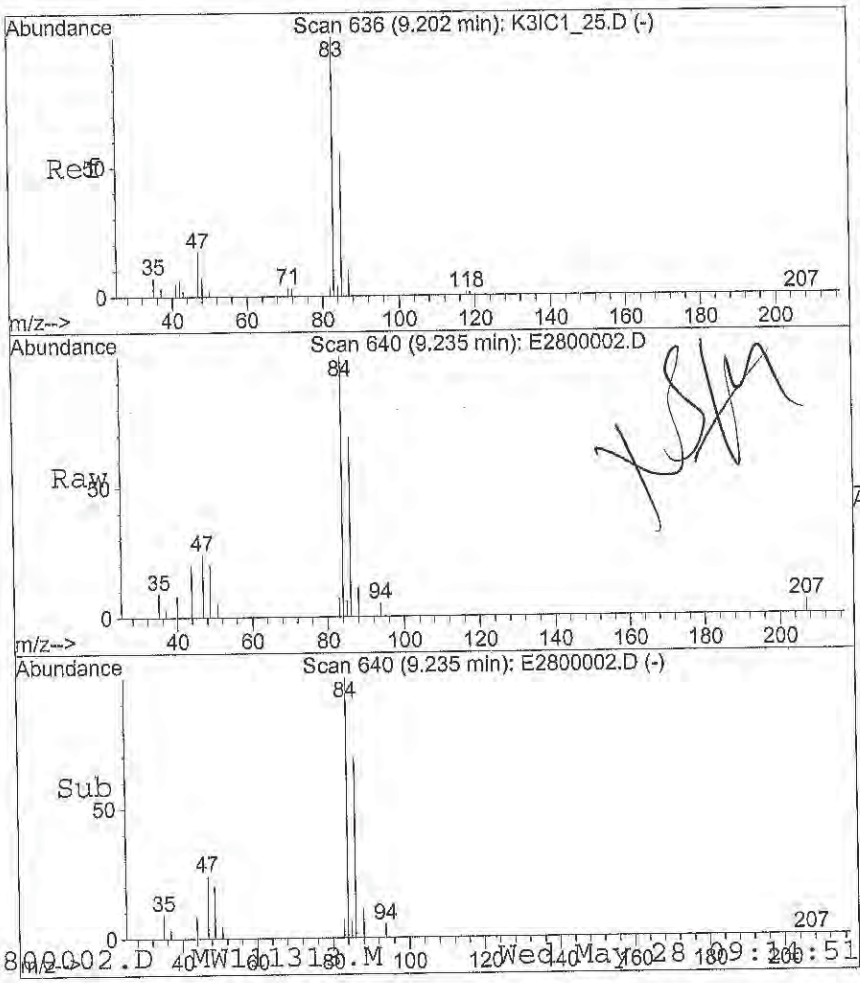


#15
(TBA) tert-Butanol
Concen: 1.27 ug/L
RT: 6.95 min Scan# 369
Delta R.T. -0.17 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 59 Resp: 354

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

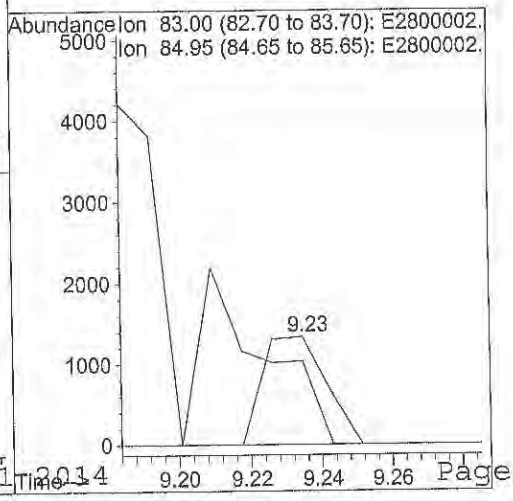


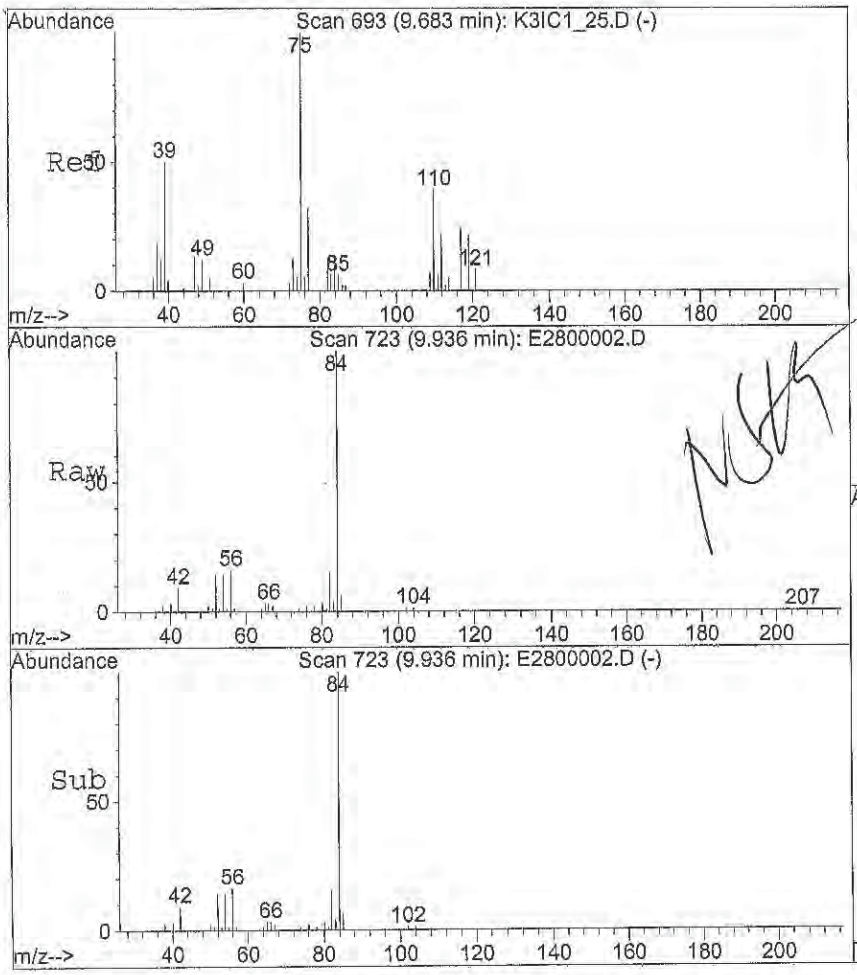


#24
Chloroform
Concen: 0.19 ug/L
RT: 9.23 min Scan# 640
Delta R.T. 0.03 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 83 Resp: 1652

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

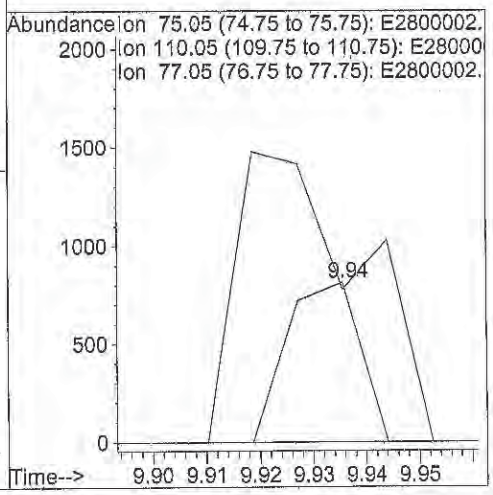


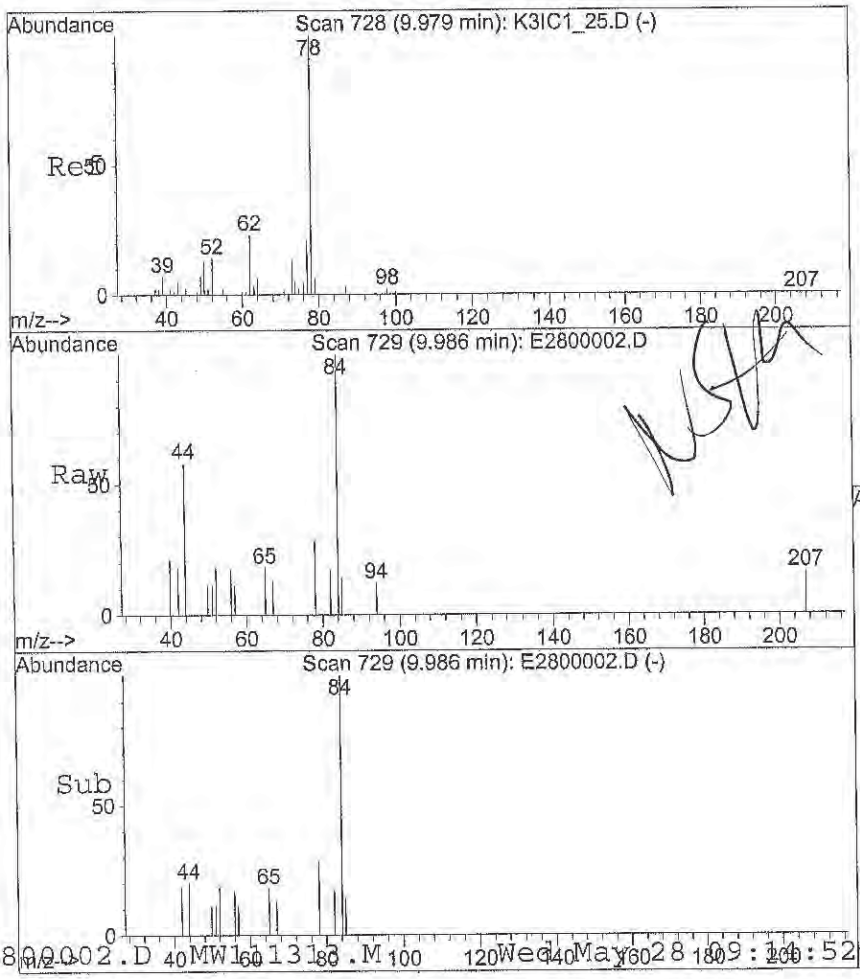


#29
1,1-Dichloropropene
Concen: 0.12 ug/L
RT: 9.94 min Scan# 723
Delta R.T. 0.25 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 75 Resp: 777

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	306.4	25.0	37.4#

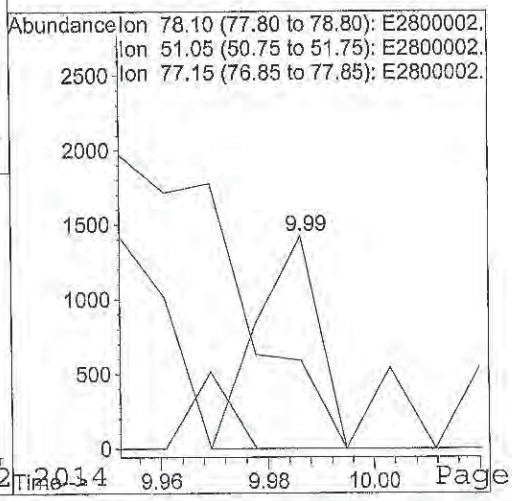


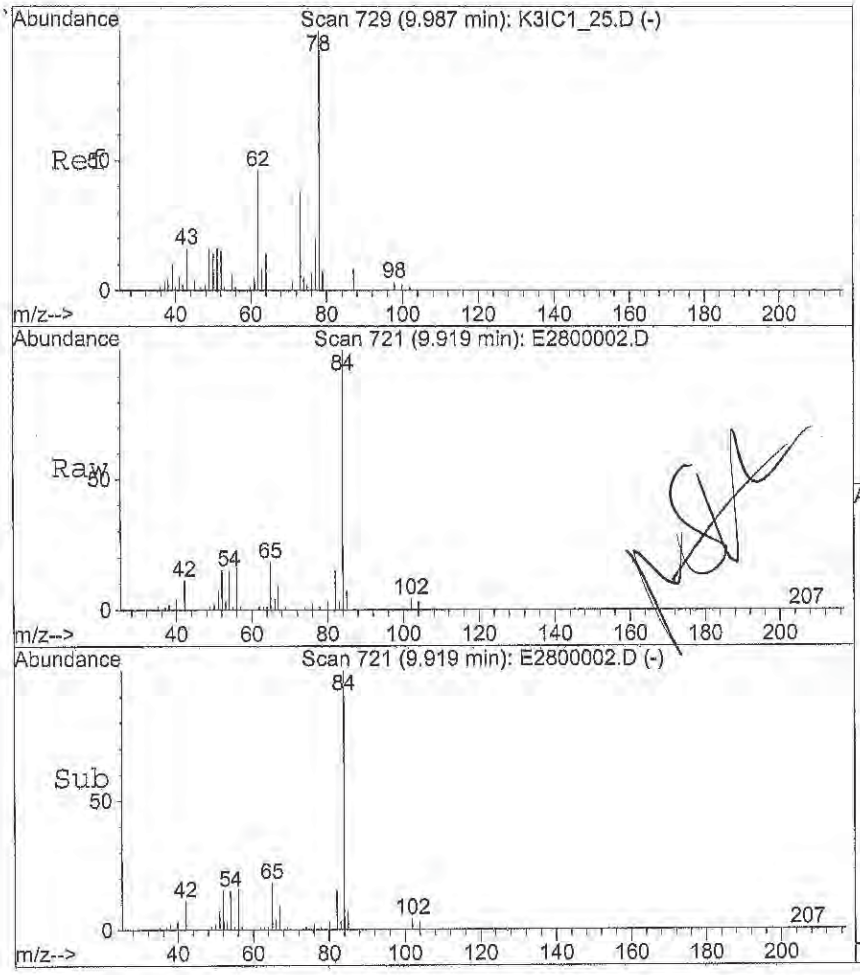


#31
Benzene
Concen: 0.07 ug/L
RT: 9.99 min Scan# 729
Delta R.T. 0.01 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 78 Resp: 1147

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	22.8	16.6	24.8

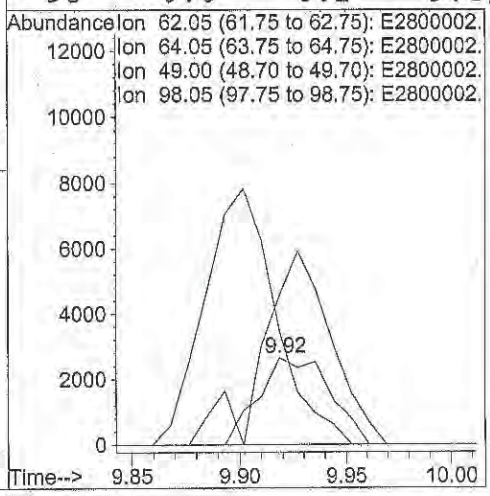


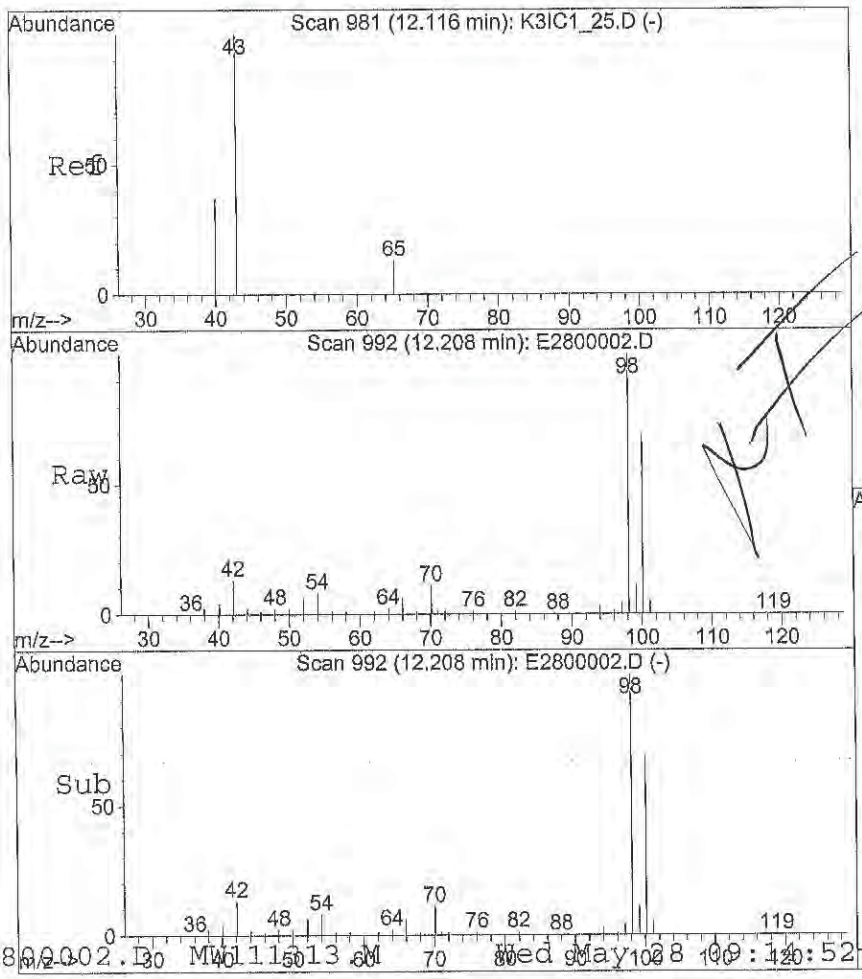


#32
1,2-Dichloroethane
Concen: 1.13 ug/L
RT: 9.92 min Scan# 721
Delta R.T. -0.07 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 62 Resp: 6151

Ion	Ratio	Lower	Upper
62	100		
64	214.5	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

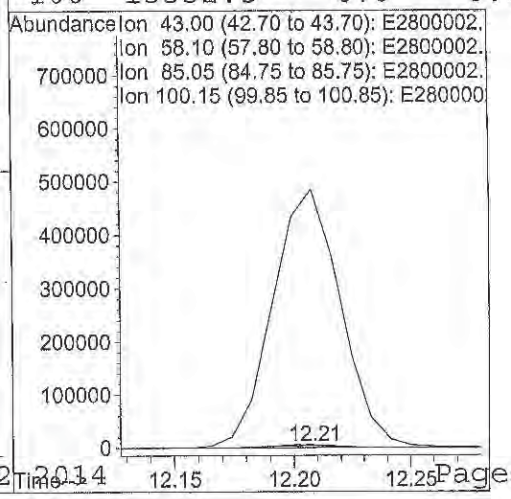


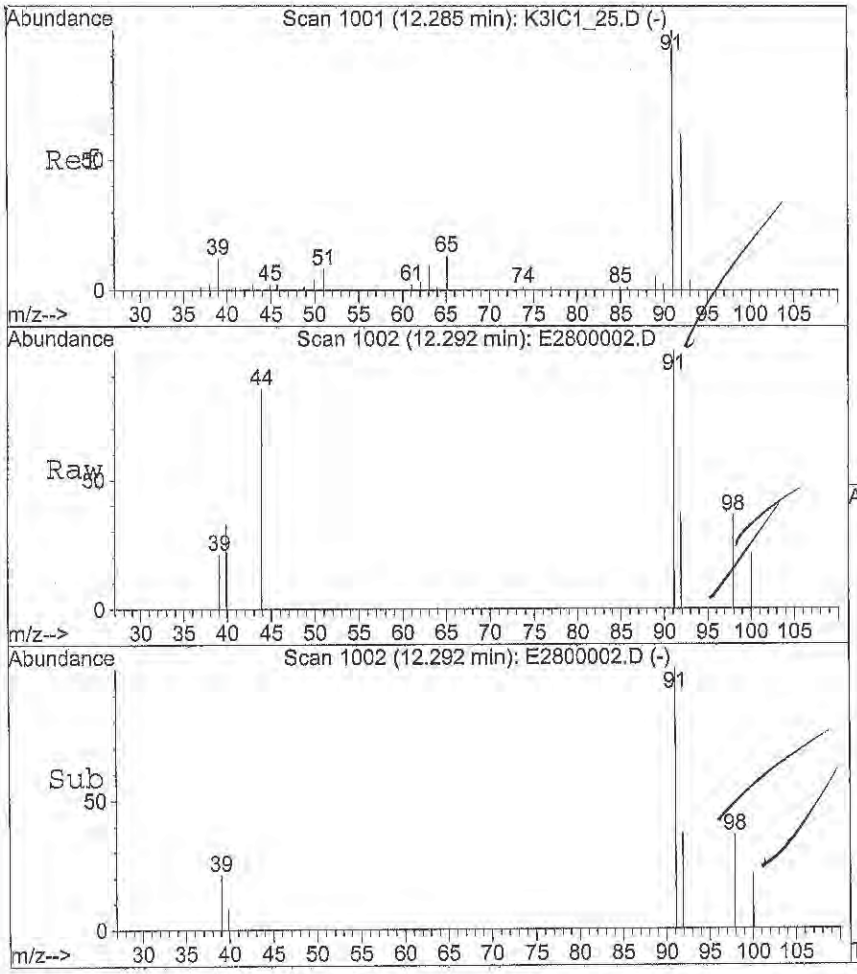


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.85 ug/L
RT: 12.21 min Scan# 992
Delta R.T. 0.09 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 43 Resp: 7286

Ion	Ratio	Lower	Upper
43	100		
58	132.5	0.0	0.0#
85	0.0	0.0	0.0
100	13352.5	0.0	0.0#

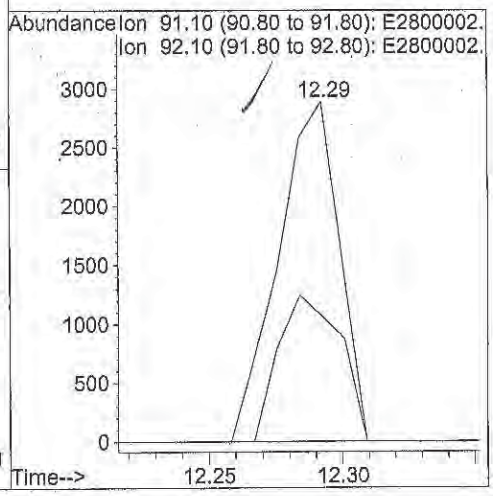


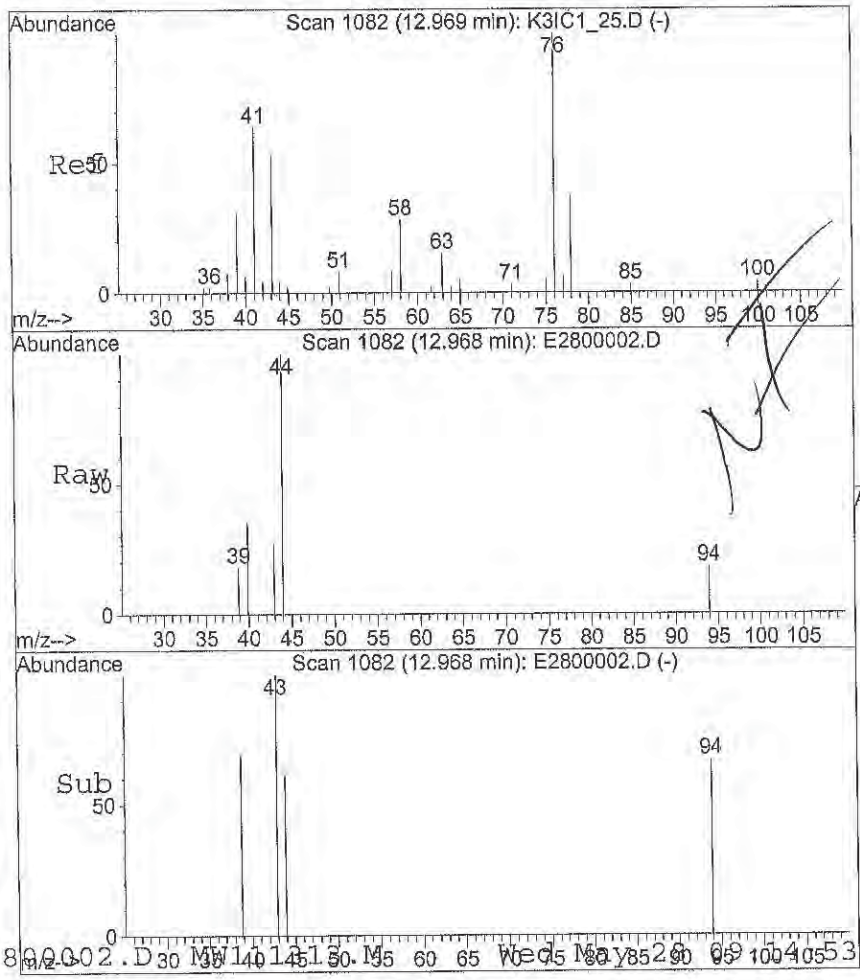


#41
Toluene
Concen: 0.26 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.01 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 91 Resp: 4573

Ion	Ratio	Lower	Upper
91	100		
92	44.1	47.4	71.0#

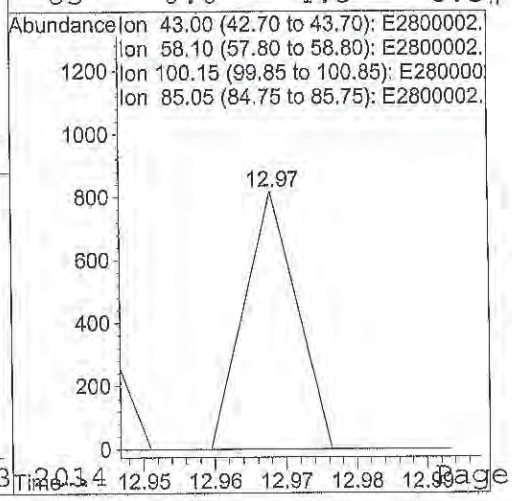


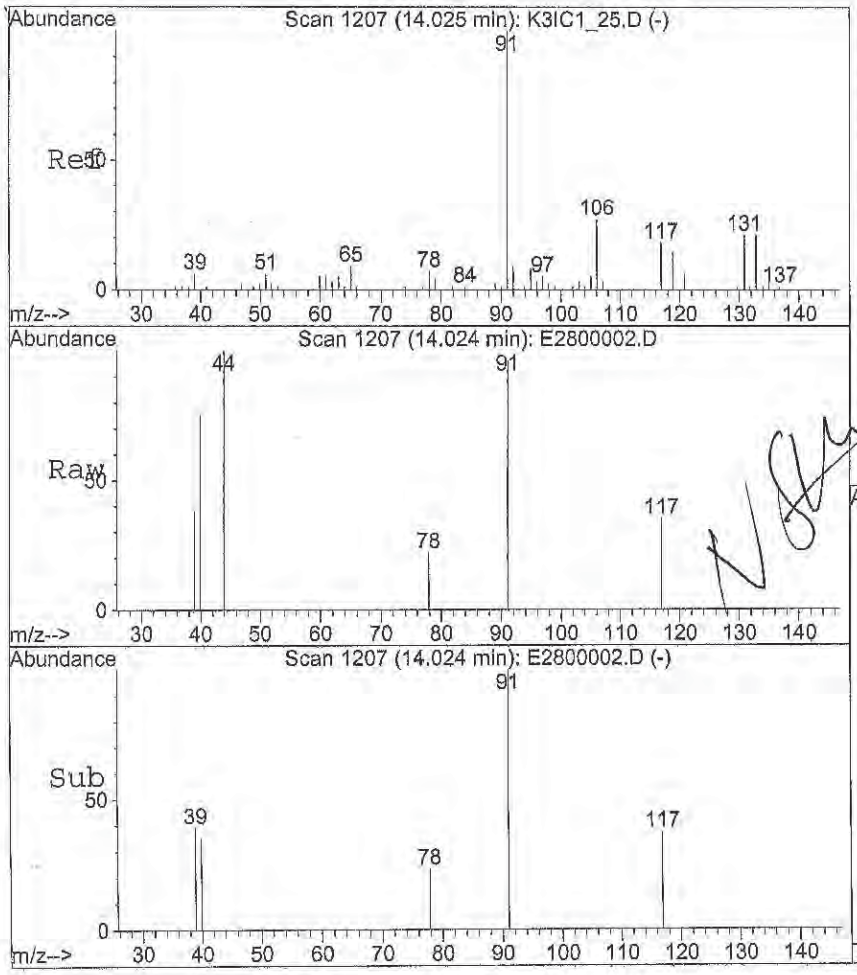


#46
2-Hexanone
Concen: 0.15 ug/L
RT: 12.97 min Scan# 1082
Delta R.T. -0.00 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 43 Resp: 415

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

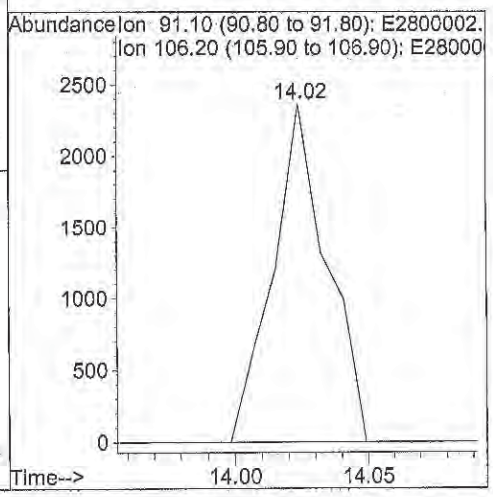


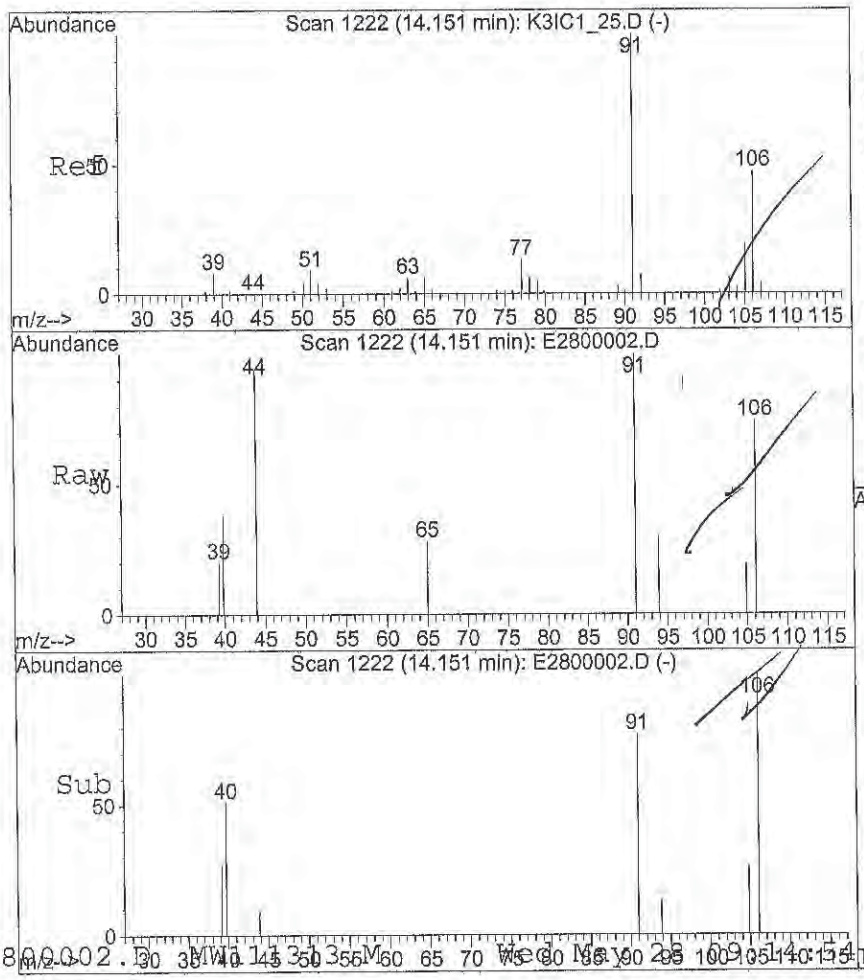


#51
Ethylbenzene
Concen: 0.17 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.00 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 91 Resp: 3307

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

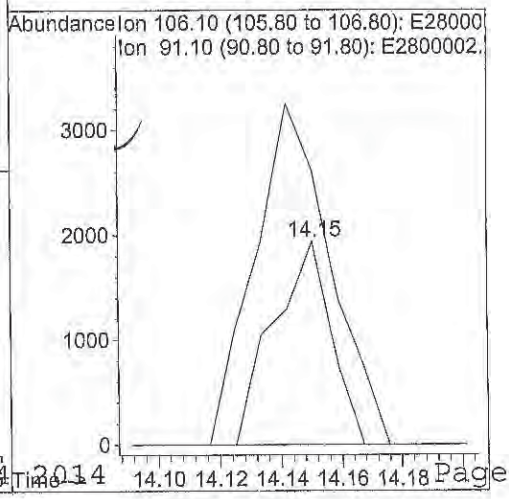


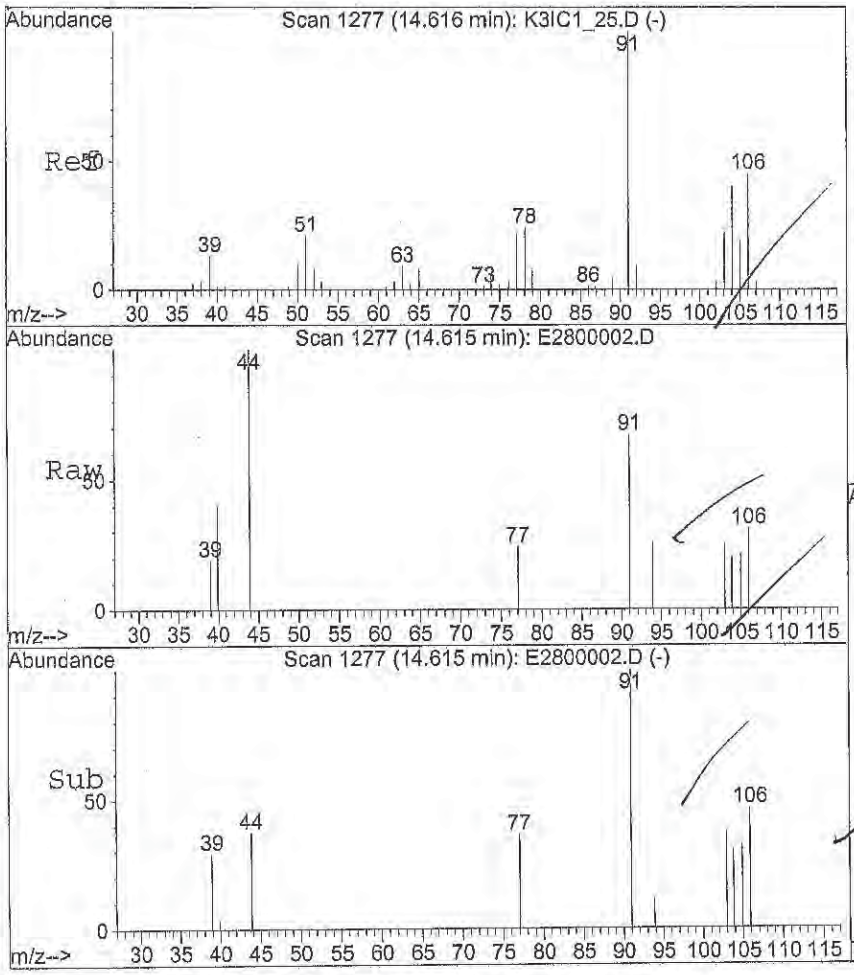


#52
m,p-Xylenes
Concen: 0.36 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.00 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion:106 Resp: 2542

Ion	Ratio	Lower	Upper
106	100		
91	220.4	177.1	265.7

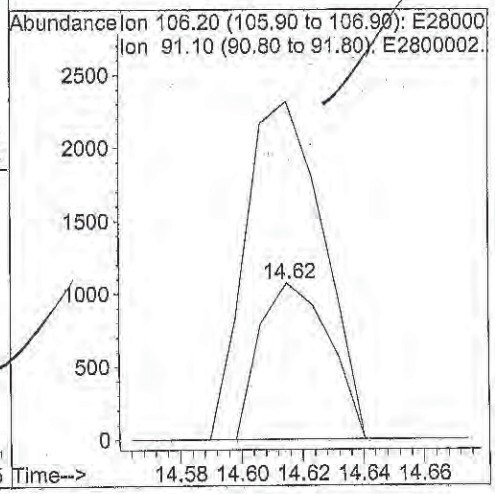


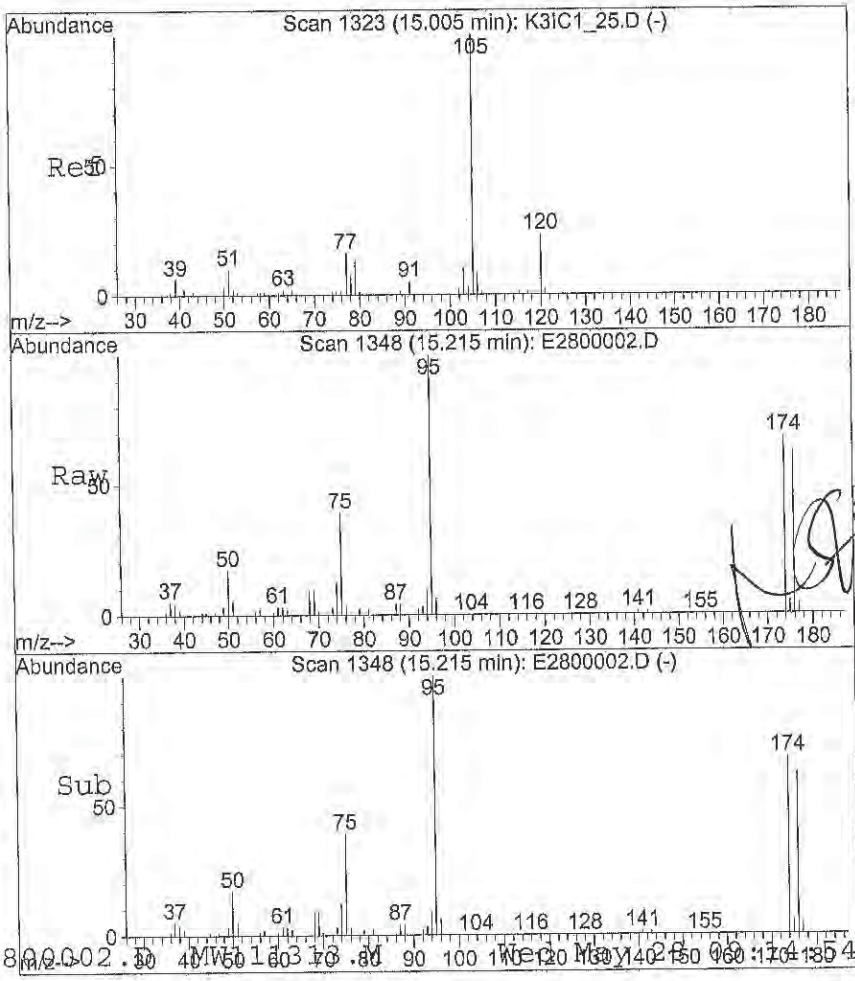


#53
o-Xylene
Concen: 0.24 ug/L
RT: 14.62 min Scan# 1277
Delta R.T. -0.00 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion:106 Resp: 1697

Ion	Ratio	Lower	Upper
106	100		
91	240.7	179.0	268.6

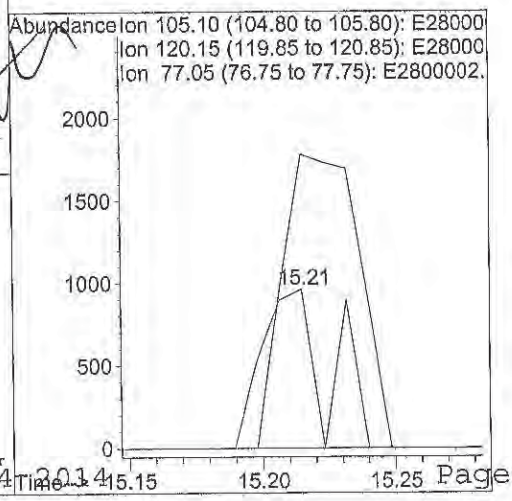


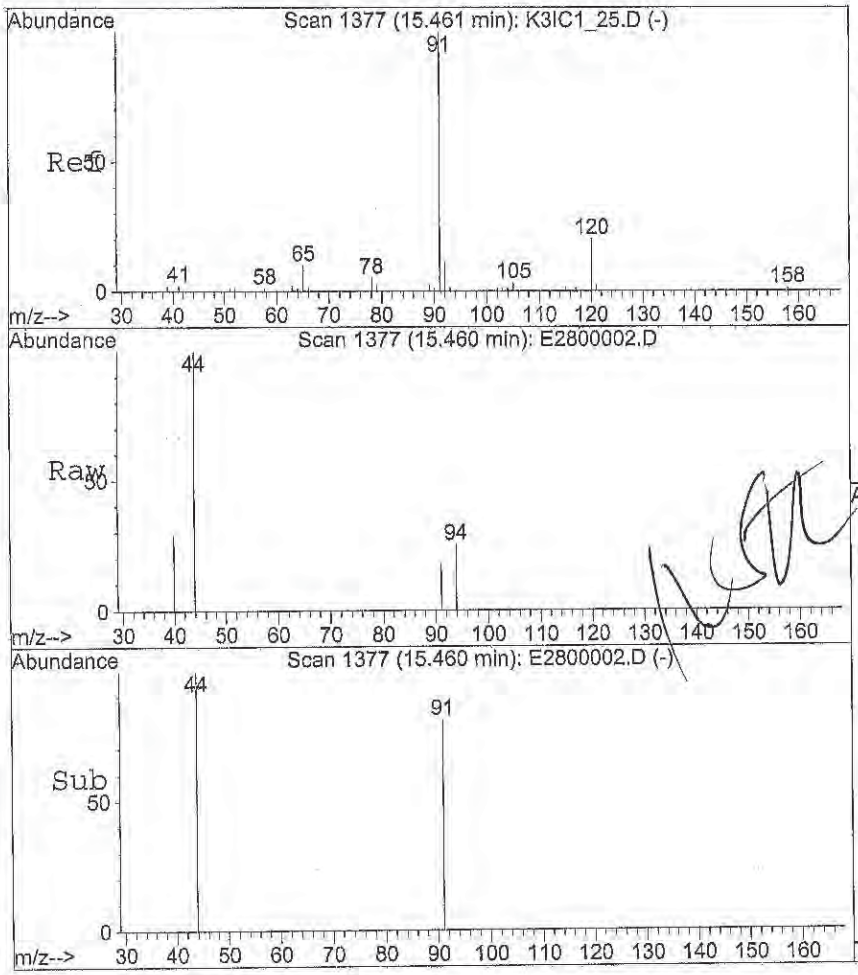


#56
Isopropylbenzene
Concen: 0.09 ug/L
RT: 15.21 min Scan# 1348
Delta R.T. 0.21 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion:105 Resp: 1657

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	215.3	13.1	19.7#

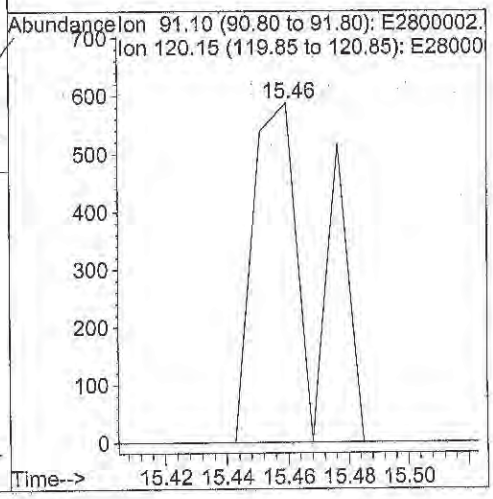


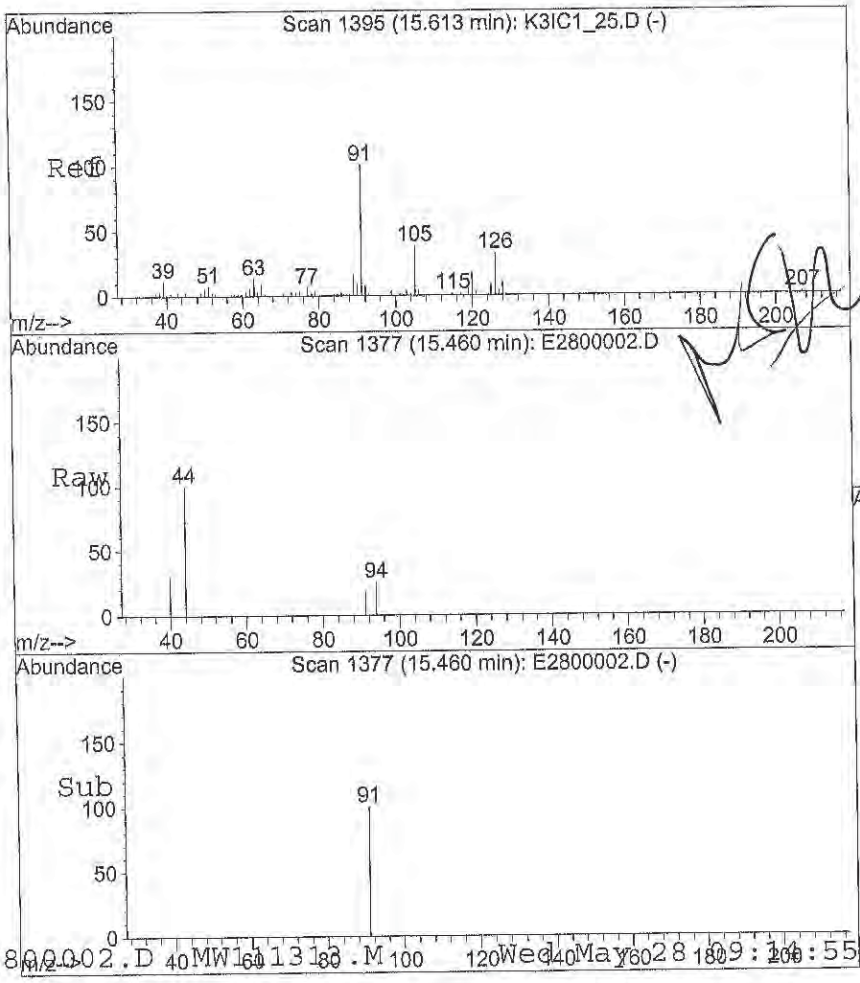


#62
n-Propylbenzene
Concen: 0.03 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.00 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 91 Resp: 832

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

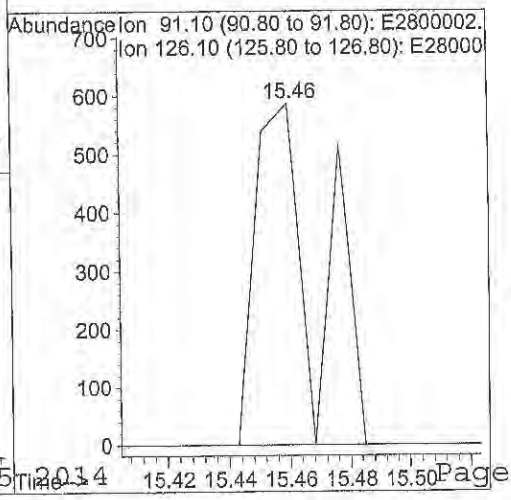


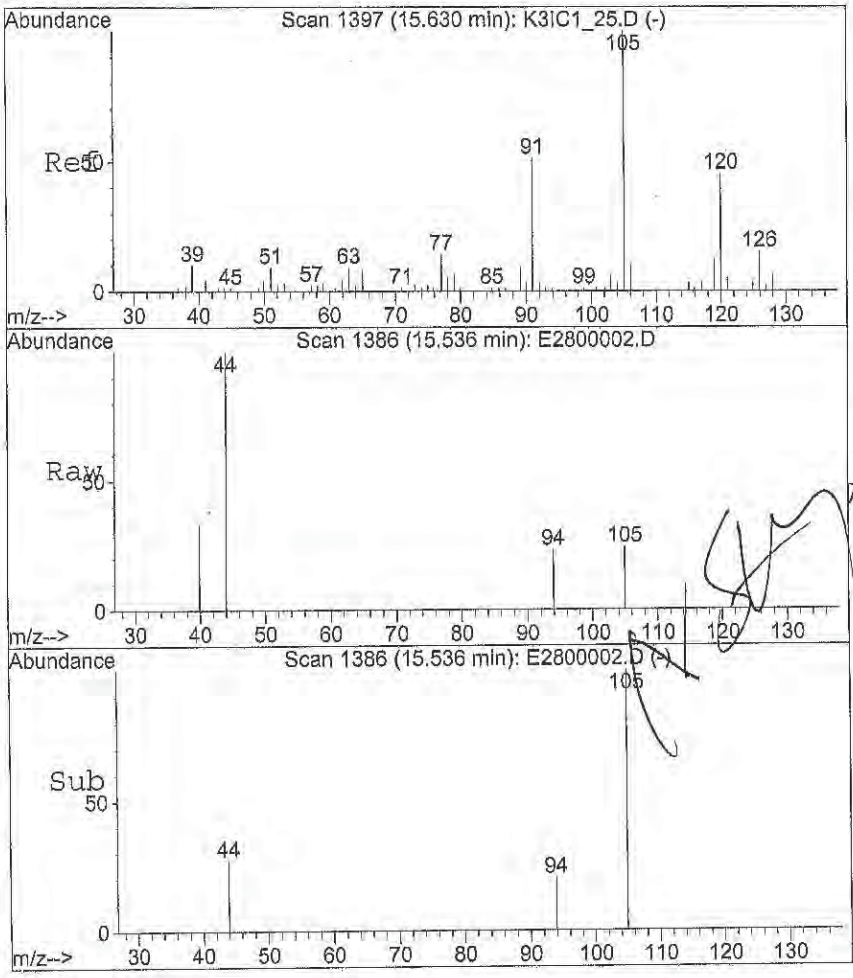


#63
2-Chlorotoluene
Concen: 0.05 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.15 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion: 91 Resp: 832

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

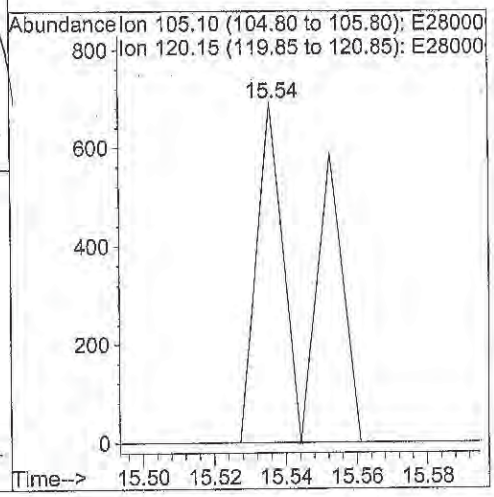


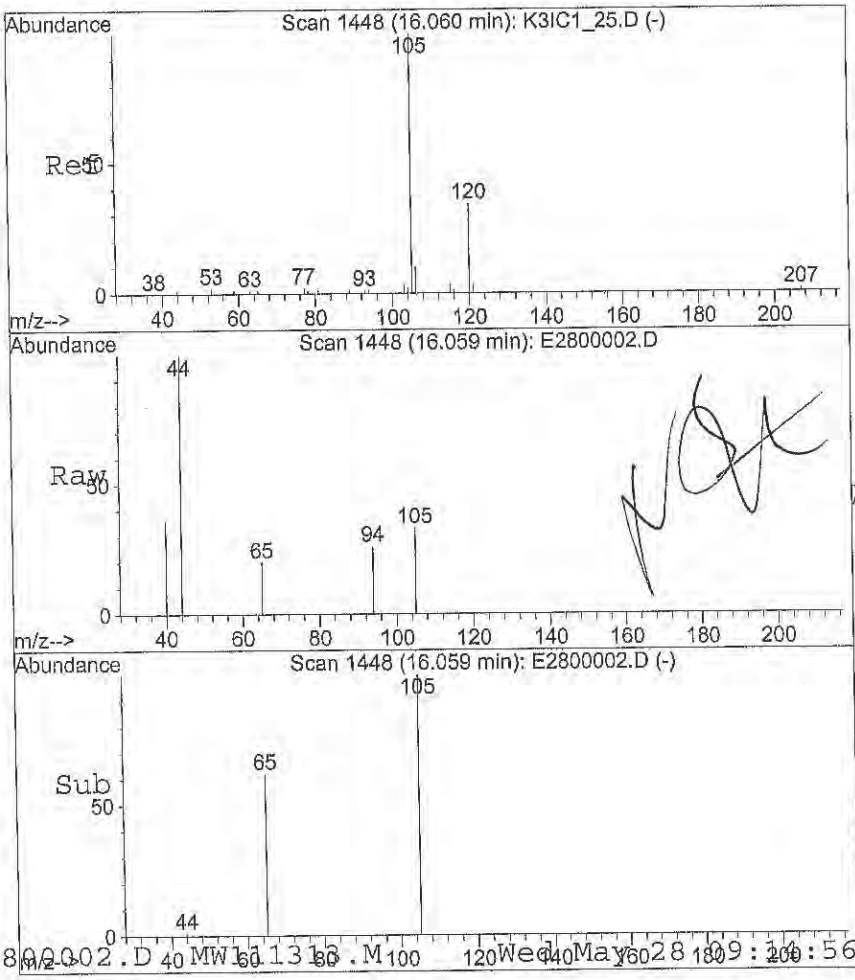


#64
1,3,5-Trimethylbenzene
Concen: 0.04 ug/L
RT: 15.54 min Scan# 1386
Delta R.T. -0.09 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion:105 Resp: 648

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

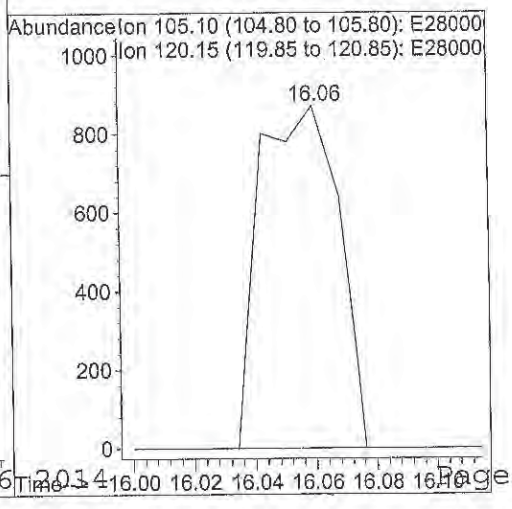


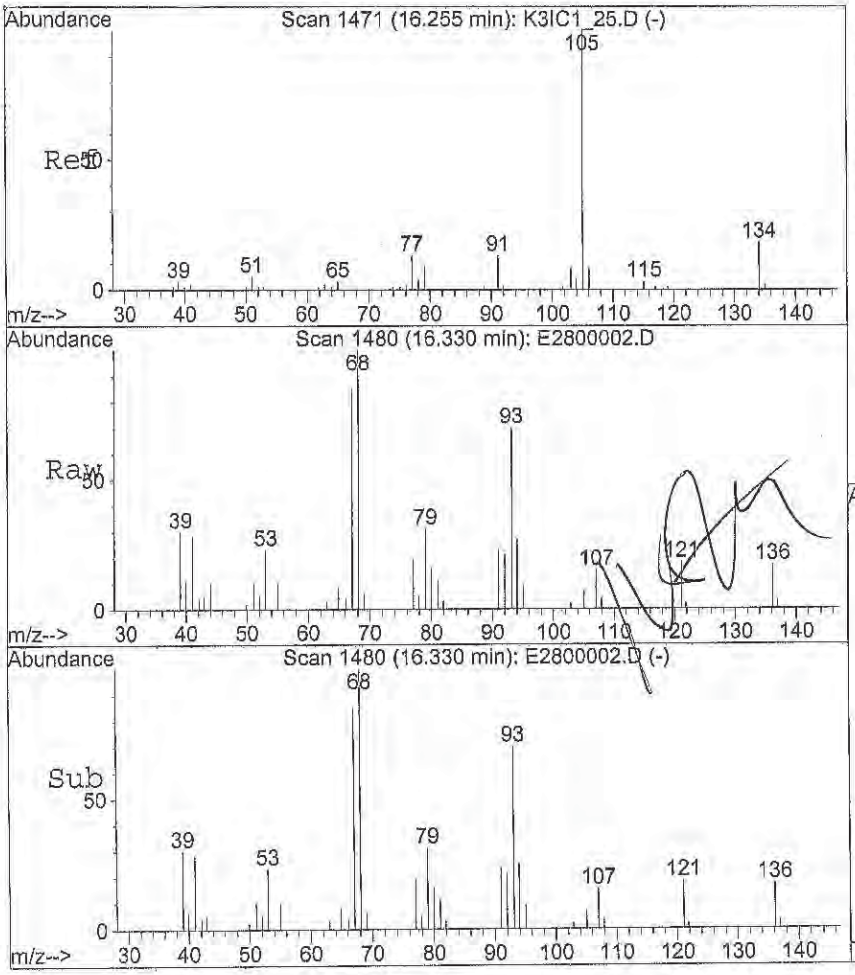


#67
1,2,4-Trimethylbenzene
Concen: 0.09 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.00 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion:105 Resp: 1569

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

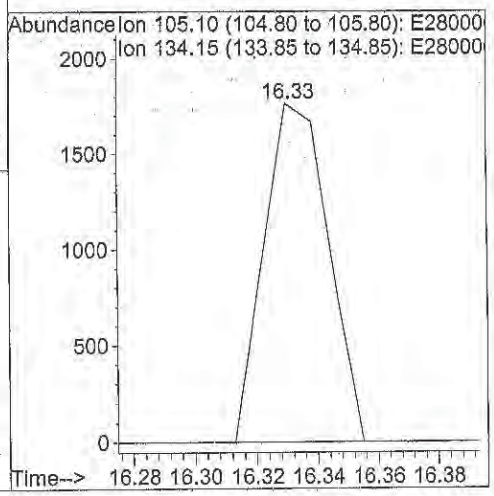


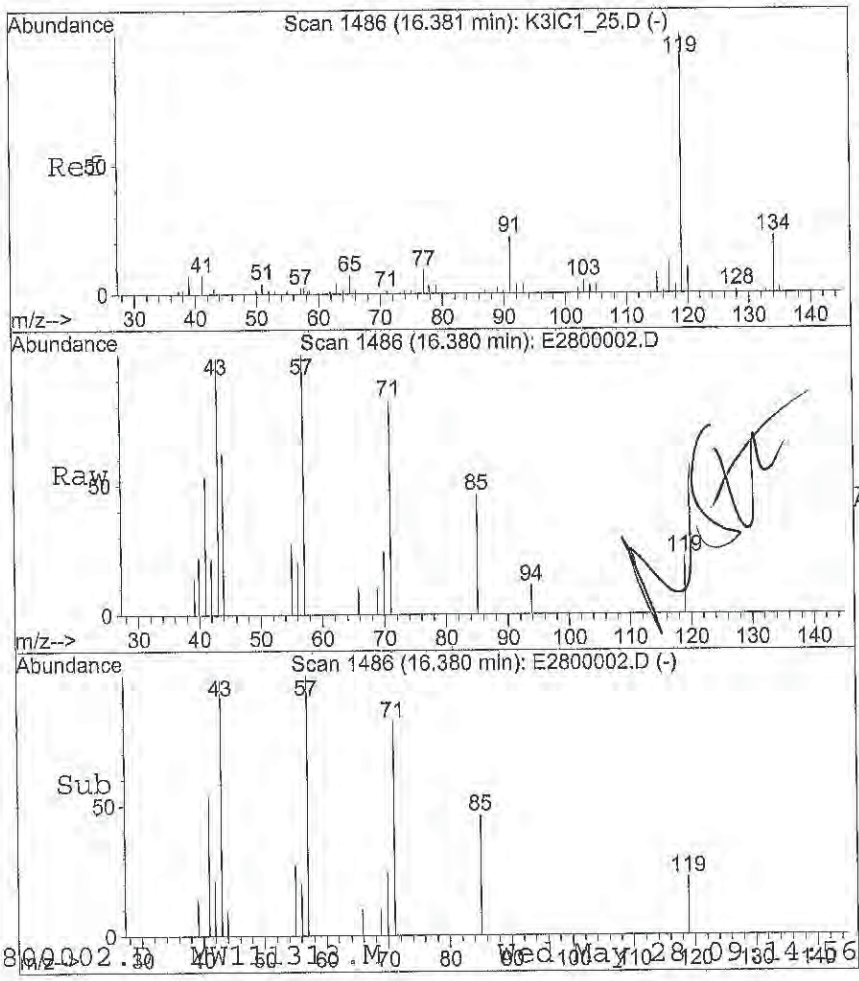


#68
sec-Butylbenzene
Concen: 0.11 ug/L
RT: 16.33 min Scan# 1480
Delta R.T. 0.08 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion:105 Resp: 2565

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

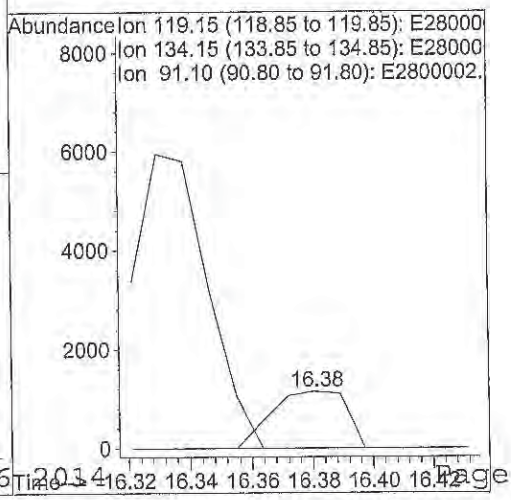




#69
p-Isopropyltoluene
Concen: 0.11 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.00 min
Lab File: E2800002.D
Acq: 28 May 2014 8:47 am

Tgt Ion:119 Resp: 1963

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800002.D Vial: 1
Acq On : 28 May 2014 8:47 am Operator: DN
Sample : 3E42801-02 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:16 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1628814	12.50 ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.91	117	1280080	12.50 ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	672692	12.50 ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	473247	11.17 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 89.36%		
3) Chloroform-d (SU6)	9.18	84	793675	13.06 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 104.48%		
4) Methylene Chloride-d2 (SU5	7.08	86	446157	12.56 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 100.48%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	471749	16.30 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 130.40%#		
6) Benzene-d6 (SU7)	9.93	84	1463973	11.45 ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 91.60%		
8) Toluene-d8 (SU3)	12.21	98	1410542	11.61 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 92.88%		
9) 4-Bromofluorobenzene (SU4)	15.21	95	700102	13.96 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 111.68%		

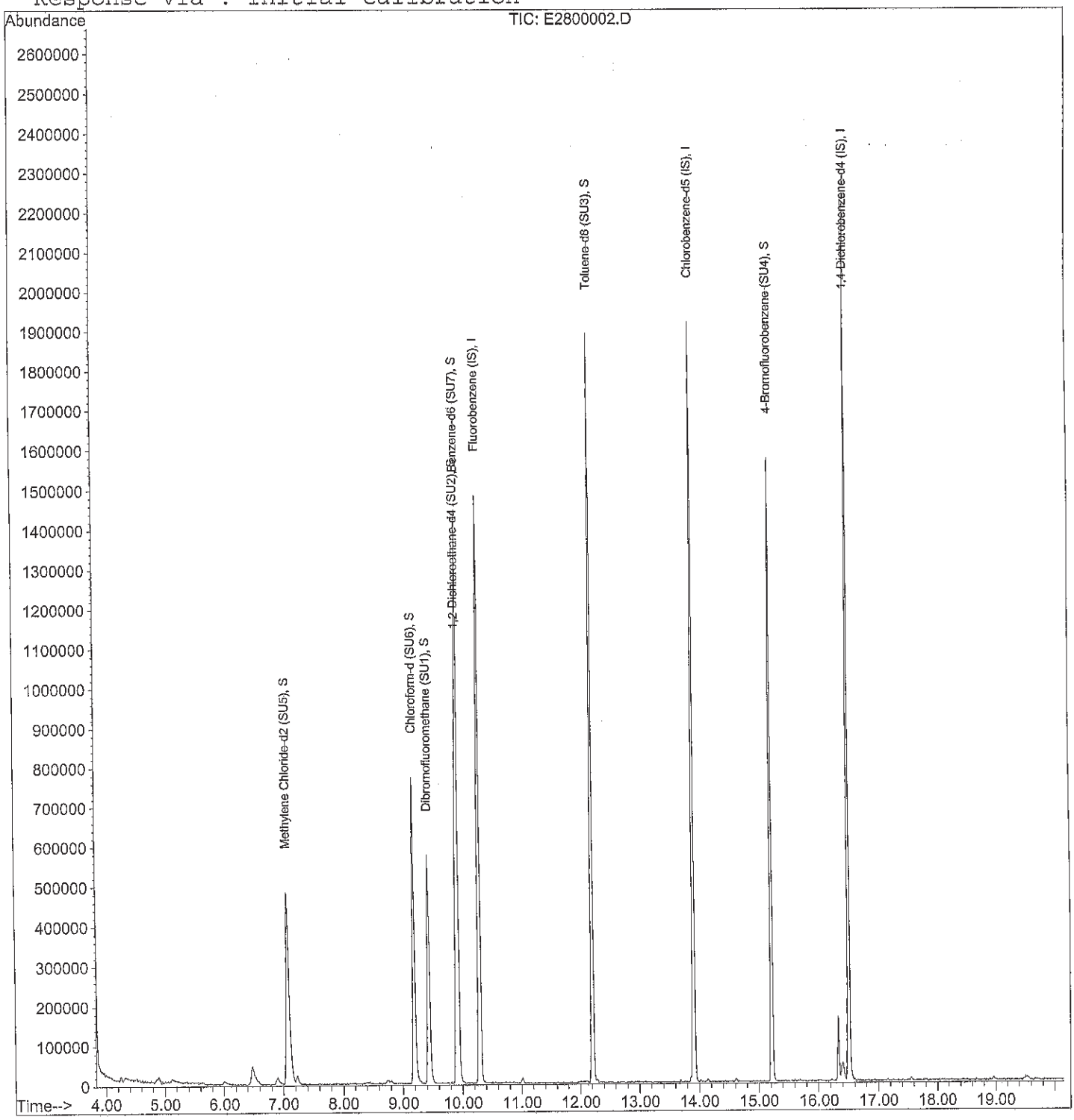
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800002.D Vial: 1
Acq On : 28 May 2014 8:47 am Operator: DN
Sample : 3E42801-02 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 9:16 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800004.D
Acq On : 28 May 2014 9:49 am
Sample : 3E42801-03
Misc : 100cc SVL-815-SA5D-SV-5.0-6.0
MS Integration Params: rteint.p
Quant Time: May 28 10:16 19114

Vial: 3
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1588325	12.50	ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1230604	12.50	ug/L	-0.01
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	662439	12.50	ug/L	0.00

System Monitoring Compounds						
2) Dibromofluoromethane (SU1)	9.43	113	467461	11.80	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 94.40%			
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	447278	11.88	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 95.04%			
39) Toluene-d8 (SU3)	12.21	98	1406762	12.26	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 98.08%			
58) 4-Bromofluorobenzene (SU4)	15.22	95	693511	13.78	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 110.24%			

Target Compounds						Qvalue
4) Chloromethane	4.40	50	1770	-0.56	~~ug/L~~ #	41
6) Bromomethane	5.12	96	5143	1.17	~~ug/L~~ #	20
7) Chloroethane	5.27	64	1444	1.78	~~ug/L~~ #	32
11) Acetone	6.45	58	2870	179.09	~~ug/L~~ #	1
12) (IPA) Leak Check Compound	6.48	45	115496	605.13	~~ug/L~~ #	87
13) Carbon disulfide	6.85	76	2830	0.21	ug/L #	76
14) Methylene Chloride	7.07	84	6463	1.48	~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.98	59	262	0.97	~~ug/L~~ #	77
20) 2,2-Dichloropropane	8.86	77	256	0.04	~~ug/L~~ #	36
24) Chloroform	9.21	83	3231	0.39	~~ug/L~~ #	18
29) 1,1-Dichloropropene	9.92	75	254	0.04	~~ug/L~~ #	1
31) Benzene	9.93	78	11131	0.74	ug/L #	78
32) 1,2-Dichloroethane	9.93	62	7685	1.45	ug/L #	1
40) (MIBK) 4-Methyl-2-Pentanon	12.21	43	6666	2.71	~~ug/L~~ #	~~100~~
41) Toluene	12.28	91	6141	0.37	ug/L 0.0074	~~92~~
46) 2-Hexanone	12.93	43	1905	0.71	~~ug/L~~ #	37
51) Ethylbenzene	14.02	91	2528	0.13	~~ug/L~~ #	45
52) m,p-Xylenes	14.14	106	2389	0.35	ug/L 0.007	97
53) o-Xylene	14.61	106	976	0.15	ug/L # 0.003	36
54) Styrene	14.62	104	1867	-0.68	~~ug/L~~ #	68
56) Isopropylbenzene	15.00	105	297	0.02	~~ug/L~~ #	55
62) n-Propylbenzene	15.46	91	641	0.02	~~ug/L~~ #	56

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800004.D Vial: 3
Acq On : 28 May 2014 9:49 am Operator: DN
Sample : 3E42801-03 Inst : GC/MS Ins
Misc : 100cc SVL-815-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:16 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

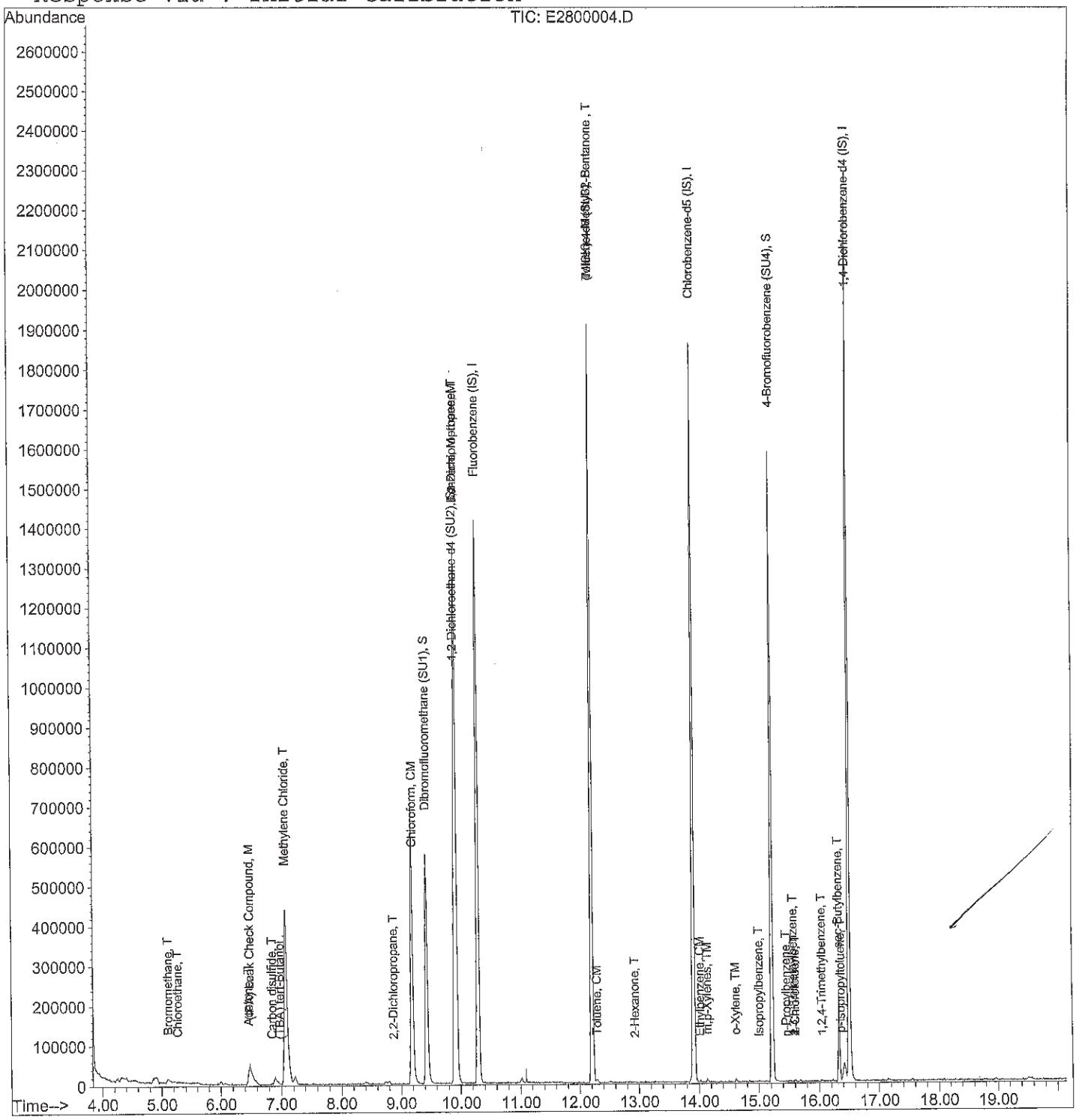
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
63) 2-Chlorotoluene	15.60	91	302	0.02	ug/L #	45
64) 1,3,5-Trimethylbenzene	15.57	105	292	0.02	~~ug/L~~ #	31
65) 4-Chlorotoluene	15.60	91	302	0.02	~~ug/L~~ #	44
67) 1,2,4-Trimethylbenzene	16.06	105	1104	0.06	~~ug/L~~ #	33
68) sec-Butylbenzene	16.33	105	3272	0.15	~~ug/L~~ #	62
69) p-Isopropyltoluene	16.37	119	1069	0.06	~~ug/L~~ #	52

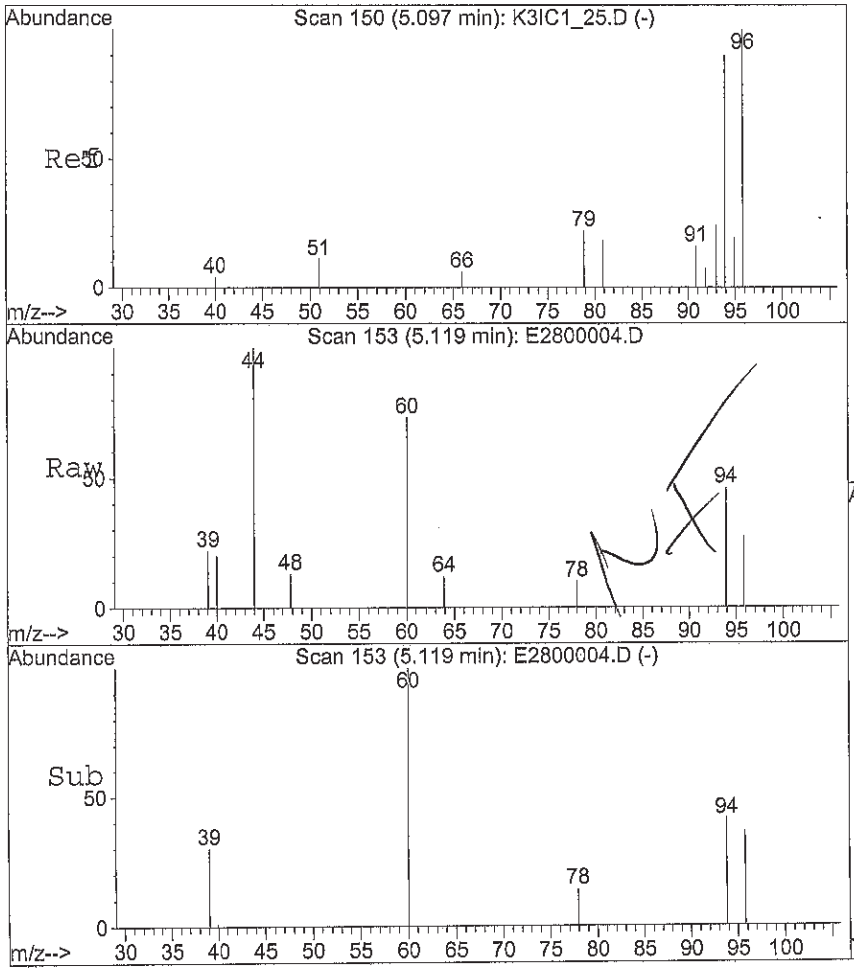
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800004.D Vial: 3
Acq On : 28 May 2014 9:49 am Operator: DN
Sample : 3E42801-03 Inst : GC/MS Ins
Misc : 100cc SVL-815-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:16 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

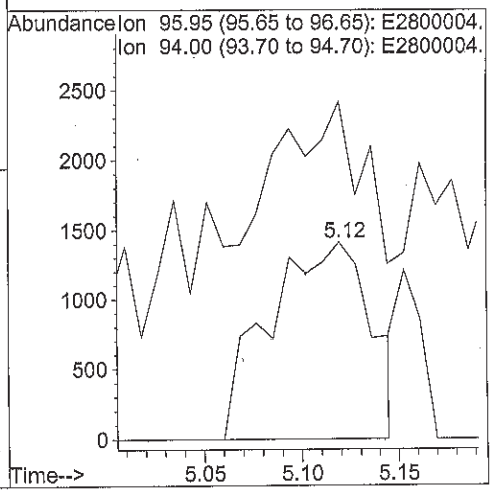


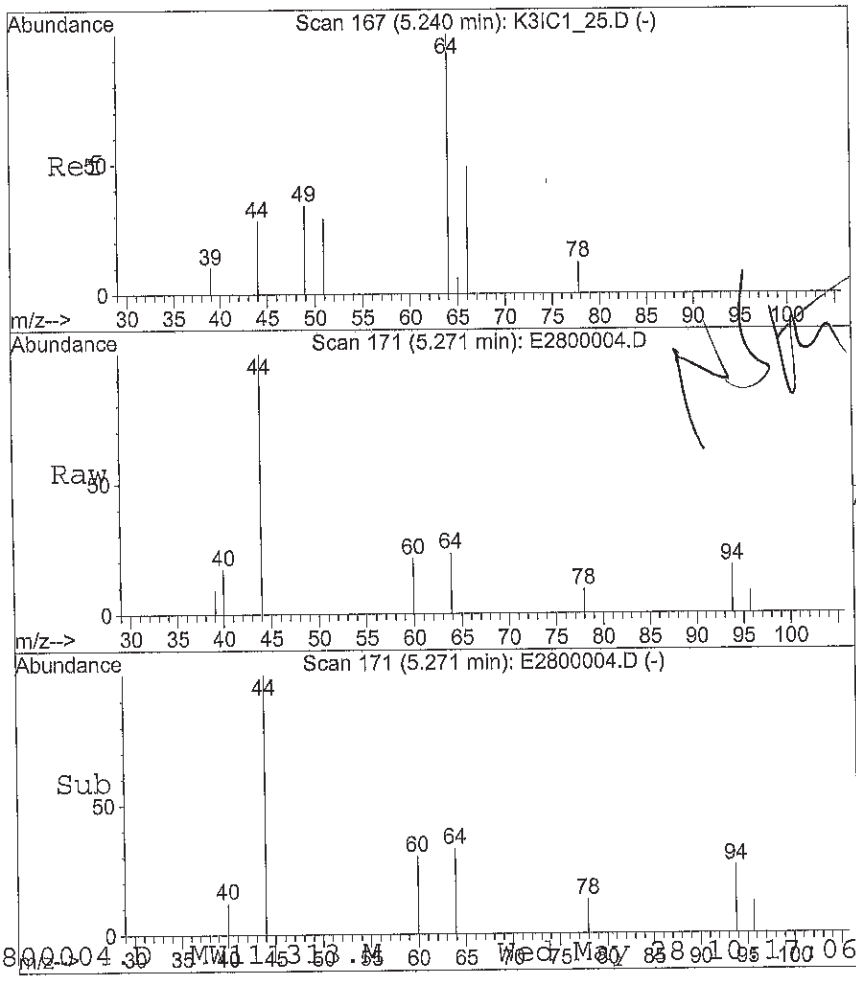


#6
Bromomethane
Concen: 1.17 ug/L
RT: 5.12 min Scan# 153
Delta R.T. 0.02 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 96 Resp: 5143

Ion	Ratio	Lower	Upper
96	100		
94	217.3	101.0	151.4#

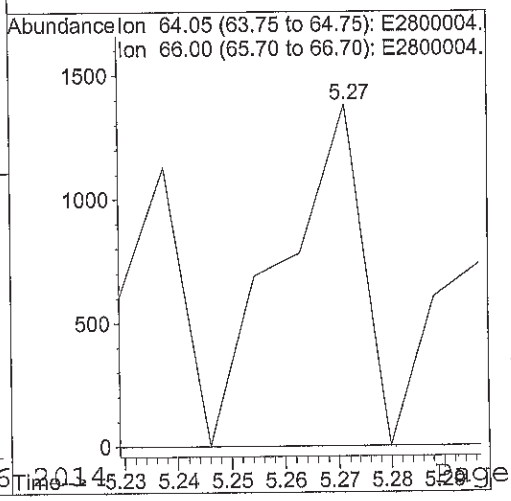


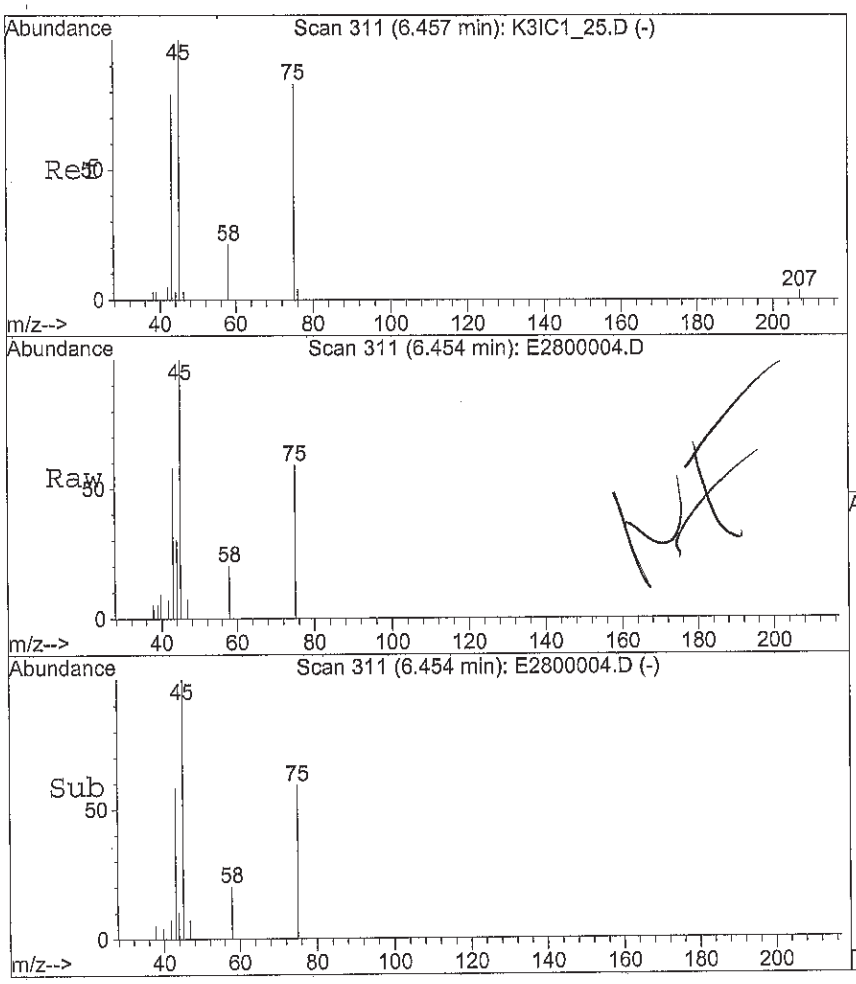


#7
Chloroethane
Concen: 1.78 ug/L
RT: 5.27 min Scan# 171
Delta R.T. 0.03 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 64 Resp: 1444

Ion	Ratio	Lower	Upper
64	100		
66	0.0	35.4	53.0#

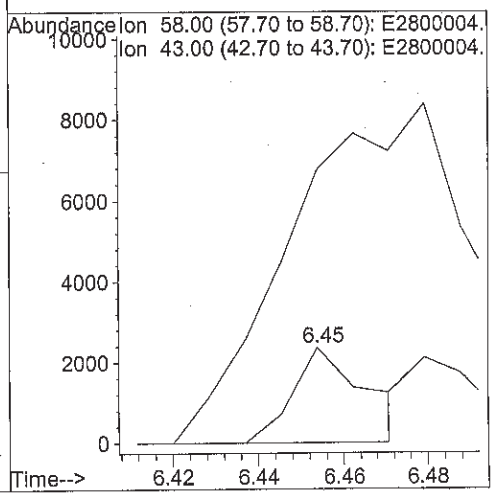


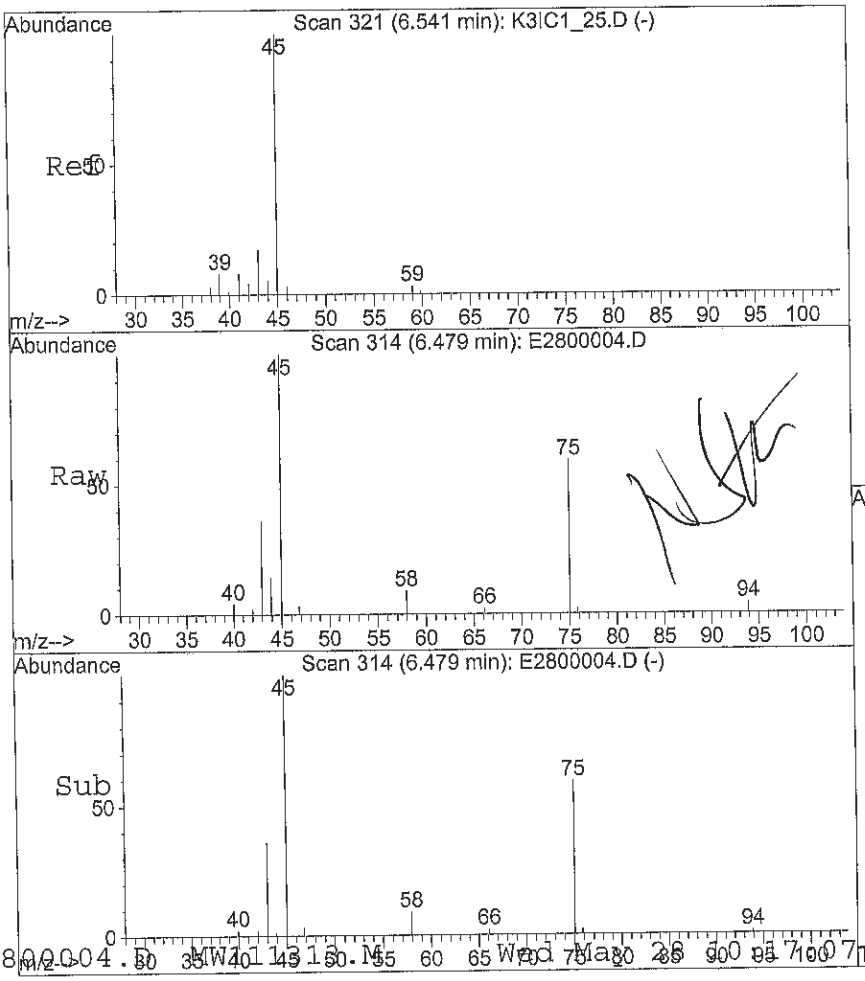


#11
Acetone
Concen: 179.09 ug/L
RT: 6.45 min Scan# 311
Delta R.T. -0.00 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 58 Resp: 2870

Ion	Ratio	Lower	Upper
58	100		
43	0.0	360.9	541.3#

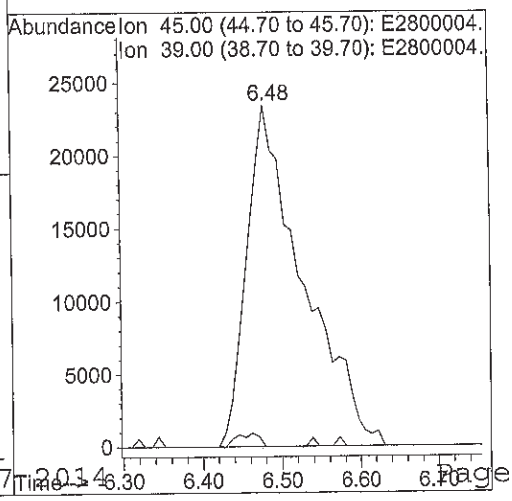


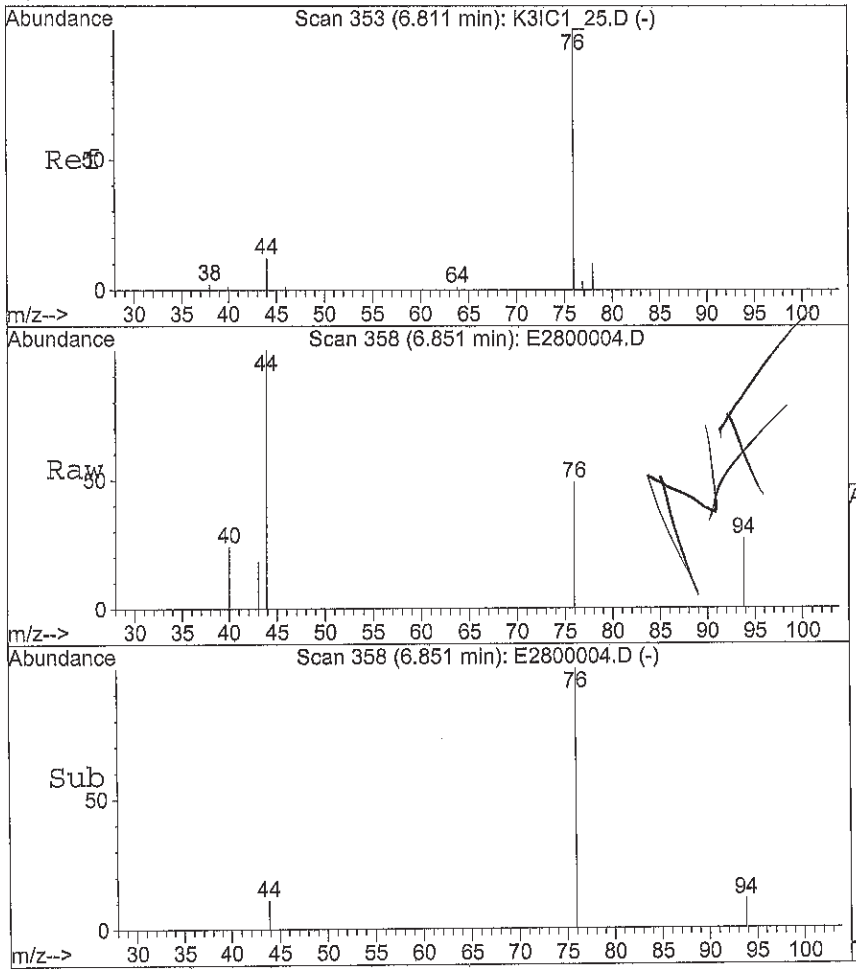


#12
(IPA) Leak Check Compound
Concen: 605.13 ug/L
RT: 6.48 min Scan# 314
Delta R.T. -0.06 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 45 Resp: 115496

Ion	Ratio	Lower	Upper
45	100		
39	1.6	4.9	7.3#

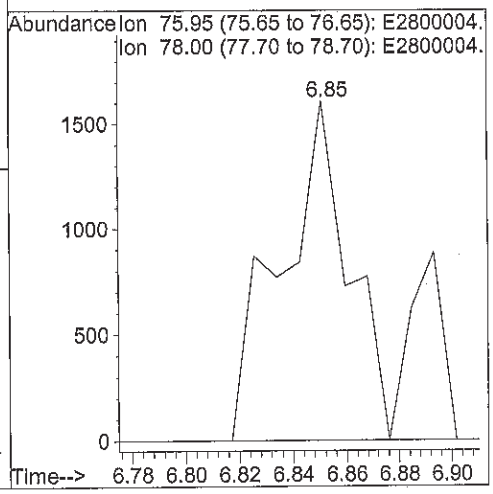


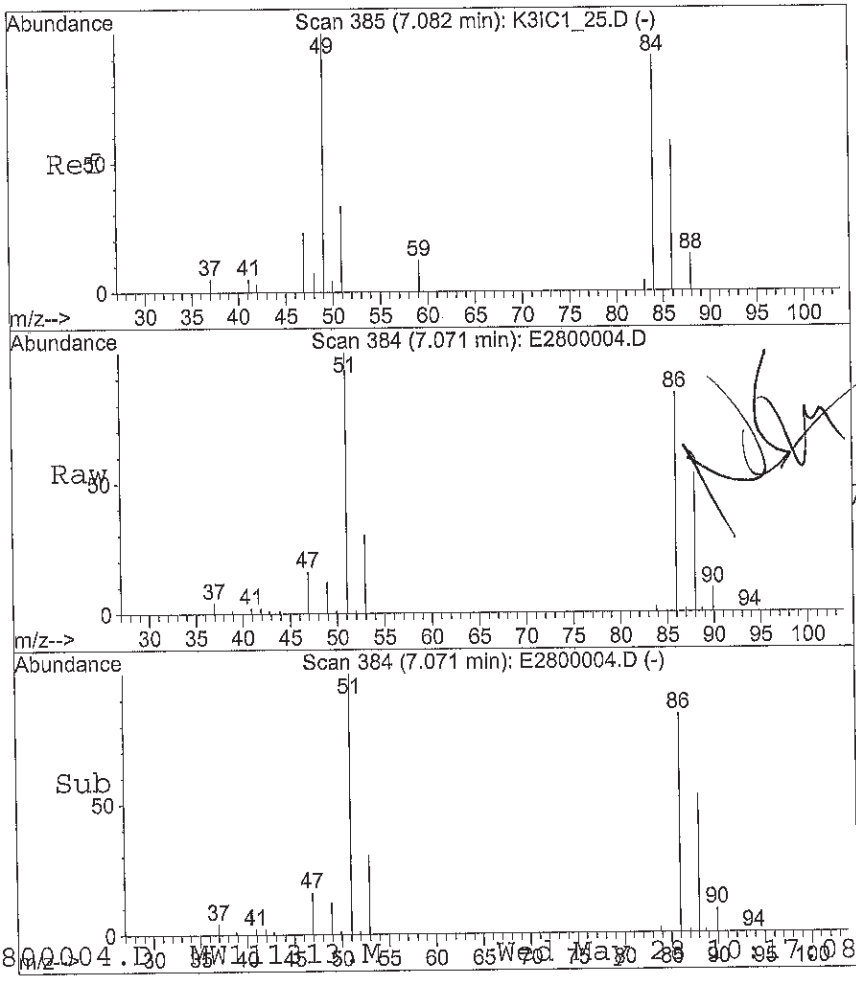


#13
Carbon disulfide
Concen: 0.21 ug/L
RT: 6.85 min Scan# 358
Delta R.T. 0.04 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 76 Resp: 2830

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

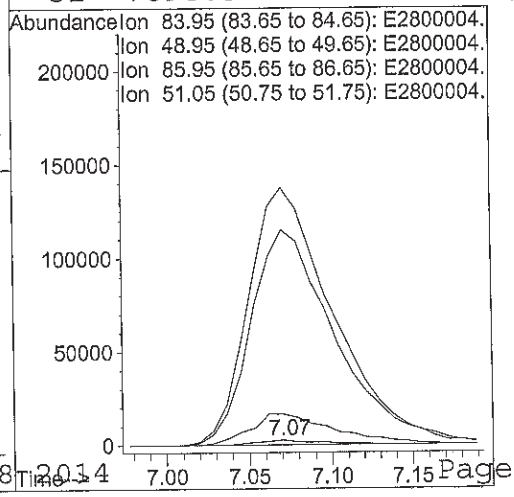


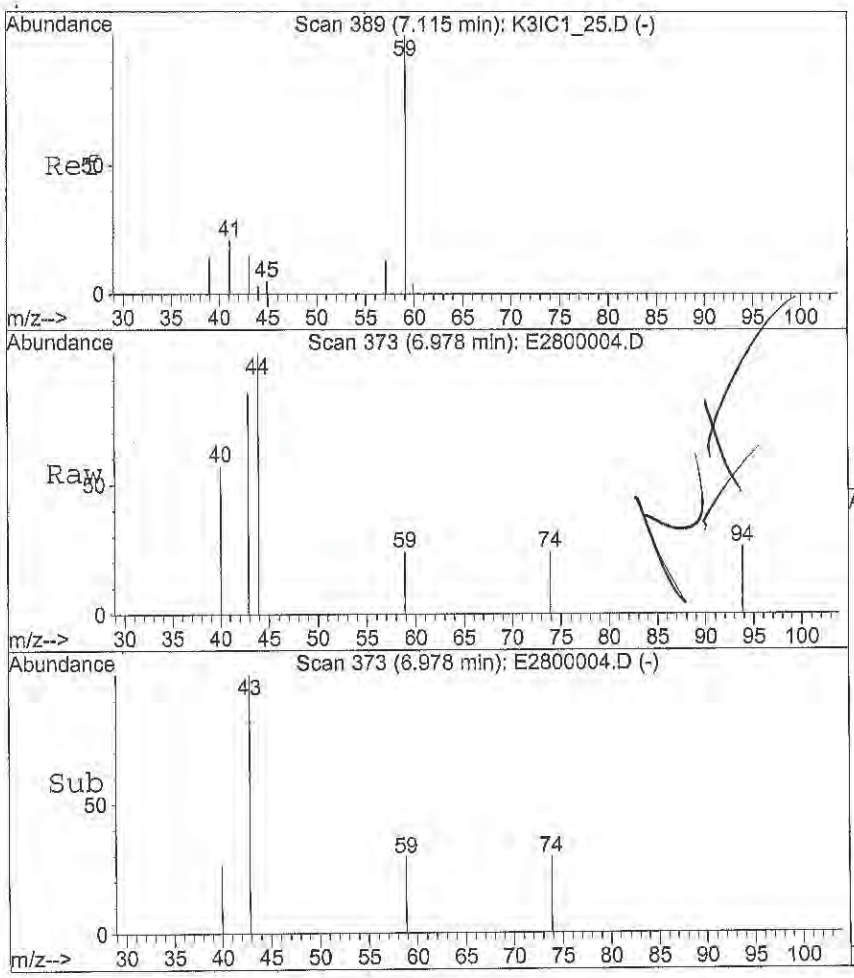


#14
Methylene Chloride
Concen: 1.48 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 84 Resp: 6463

Ion	Ratio	Lower	Upper
84	100		
49	905.0	89.8	134.6#
86	6361.0	51.1	76.7#
51	7698.3	28.5	42.7#

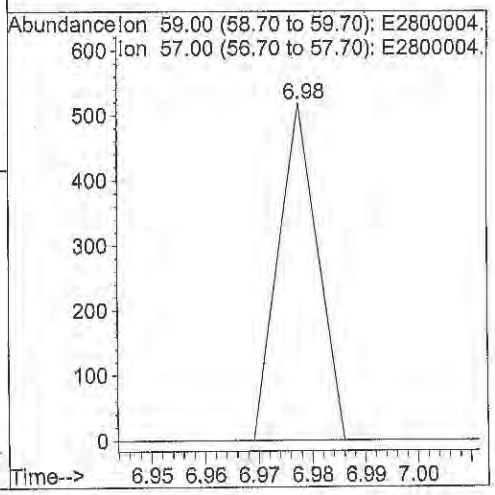


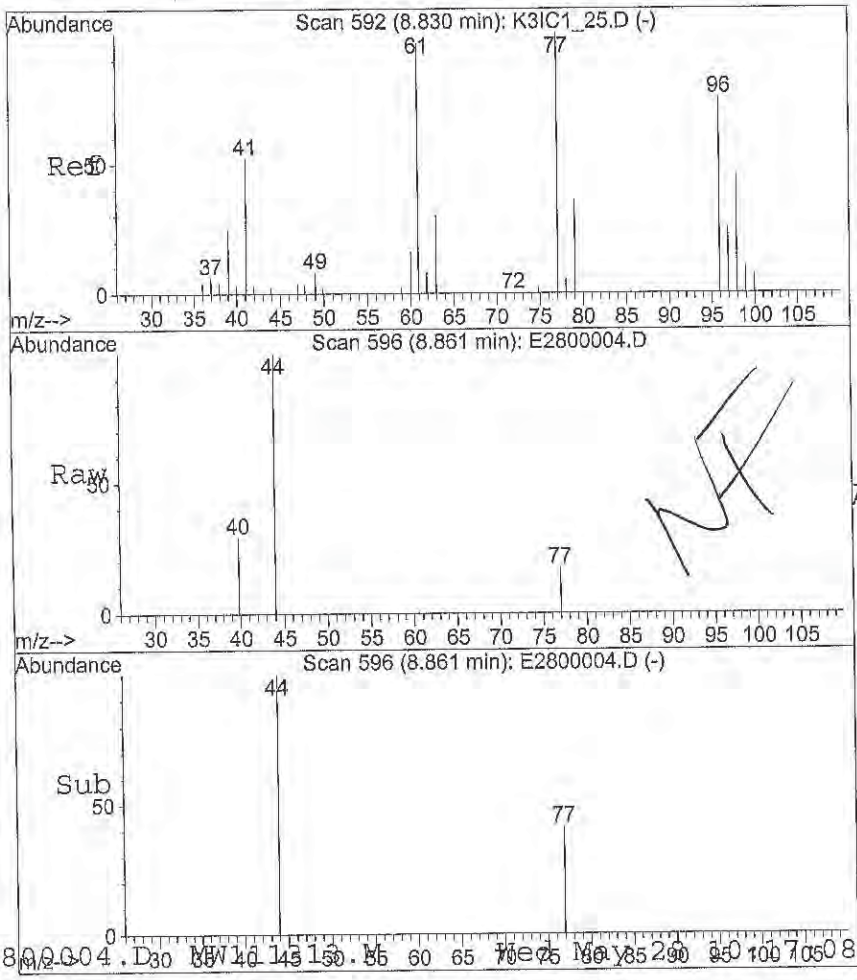


#15
(TBA) tert-Butanol
Concen: 0.97 ug/L
RT: 6.98 min Scan# 373
Delta R.T. -0.14 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 59 Resp: 262

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

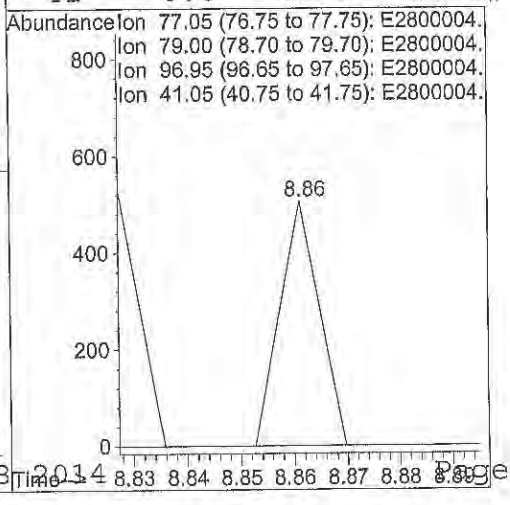


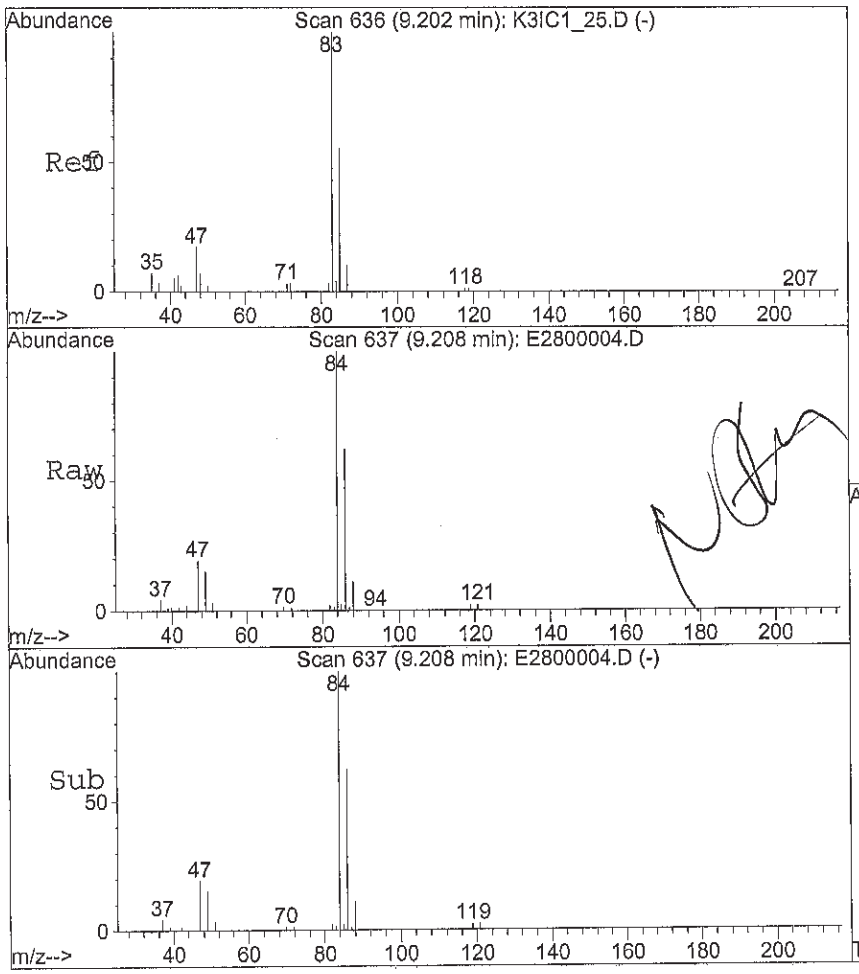


#20
2,2-Dichloropropane
Concen: 0.04 ug/L
RT: 8.86 min Scan# 596
Delta R.T. 0.03 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 77 Resp: 256

Ion	Ratio	Lower	Upper
77	100		
79	0.0	26.6	40.0#
97	0.0	18.9	28.3#
41	0.0	42.6	64.0#

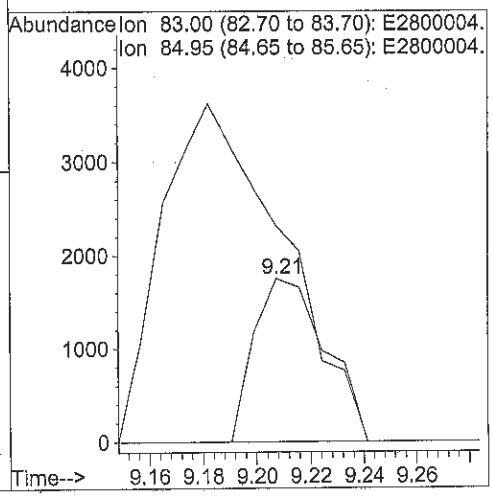


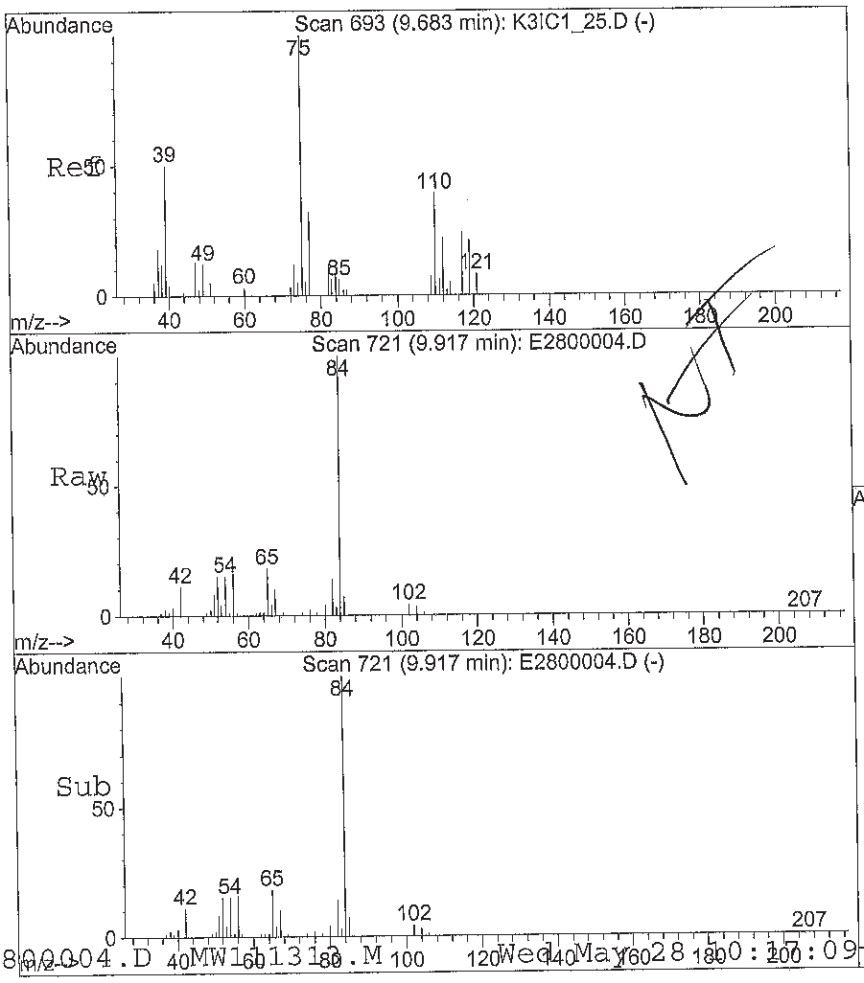


#24
Chloroform
Concen: 0.39 ug/L
RT: 9.21 min Scan# 637
Delta R.T. 0.01 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 83 Resp: 3231

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

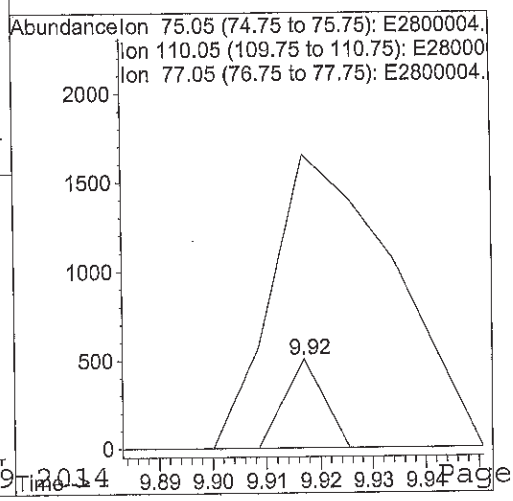


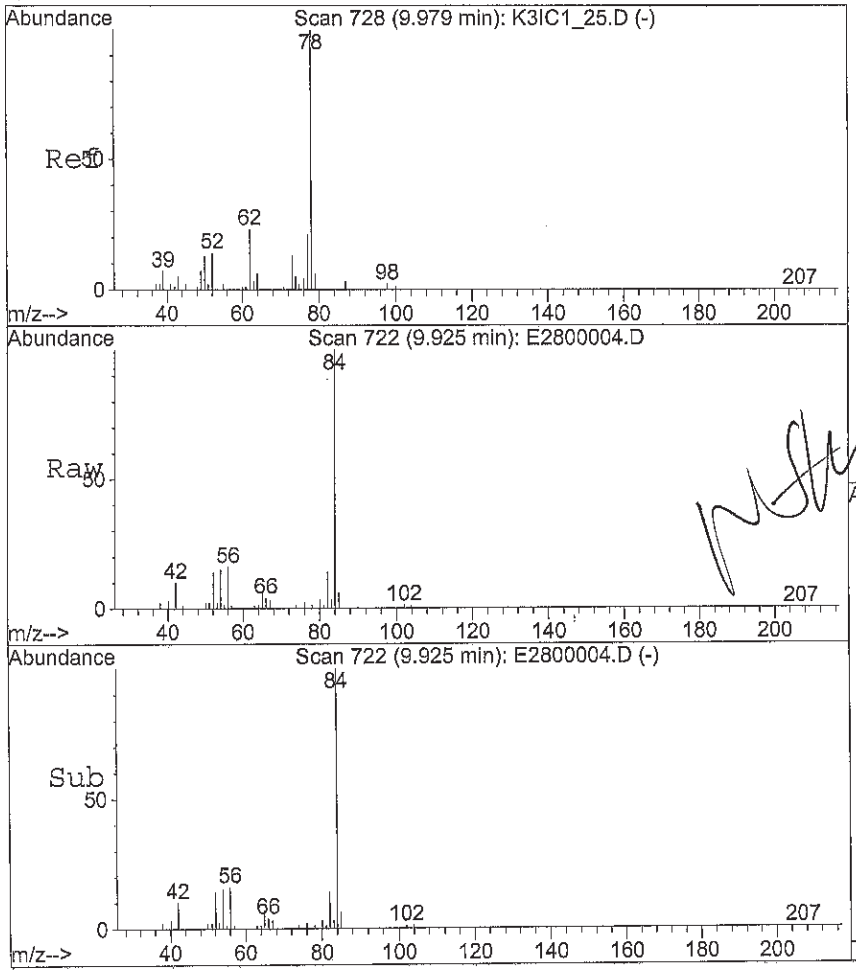


#29
1,1-Dichloropropene
Concen: 0.04 ug/L
RT: 9.92 min Scan# 721
Delta R.T. 0.23 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 75 Resp: 254

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	1042.9	25.0	37.4#

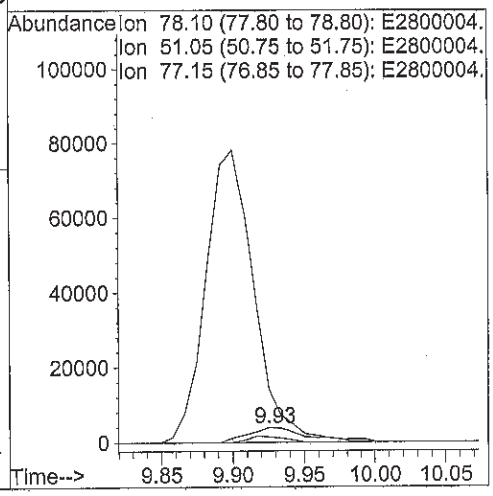


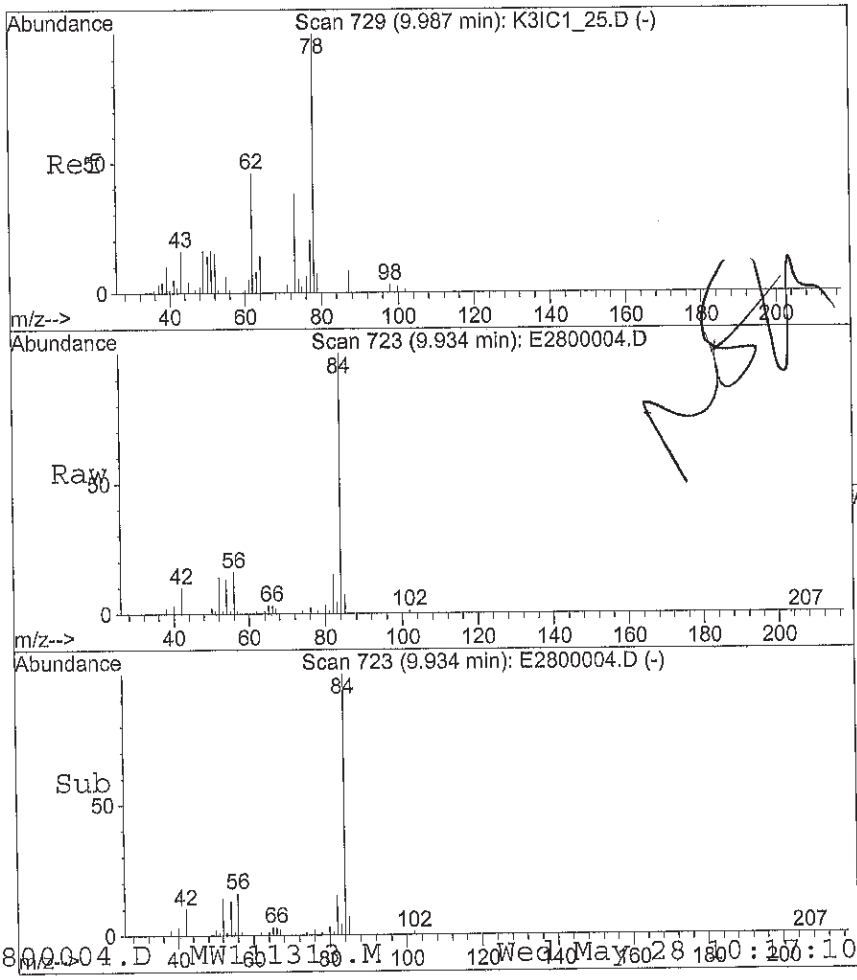


#31
Benzene
Concen: 0.74 ug/L
RT: 9.93 min Scan# 722
Delta R.T. -0.05 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 78 Resp: 11131

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	23.8	16.6	24.8

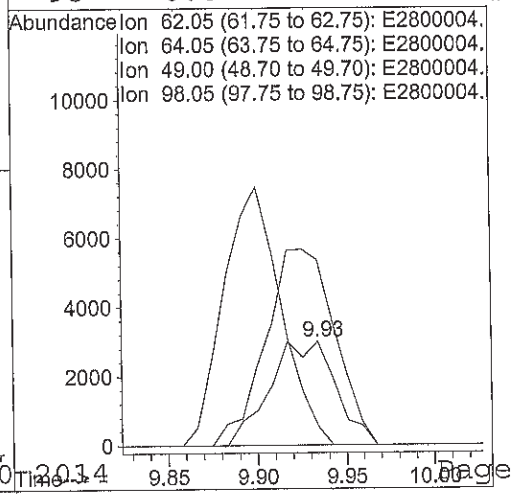


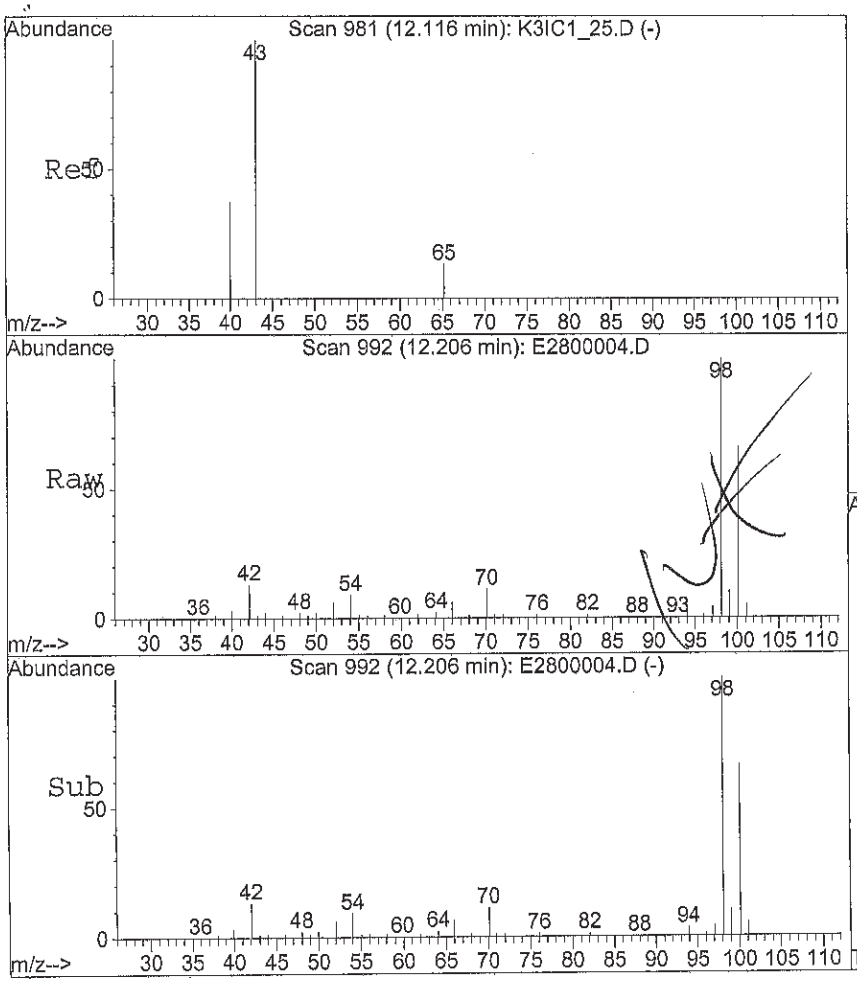


#32
1,2-Dichloroethane
Concen: 1.45 ug/L
RT: 9.93 min Scan# 723
Delta R.T. -0.05 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 62 Resp: 7685

Ion	Ratio	Lower	Upper
62	100		
64	198.2	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

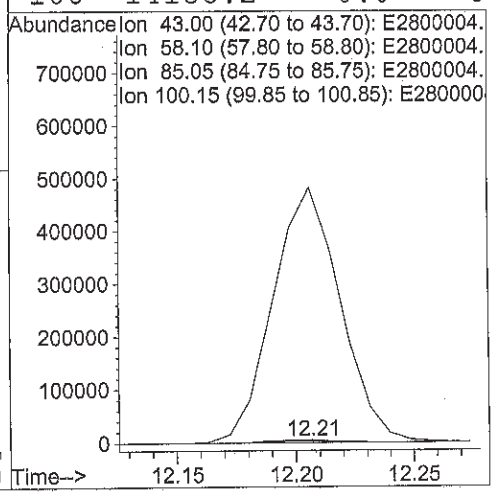


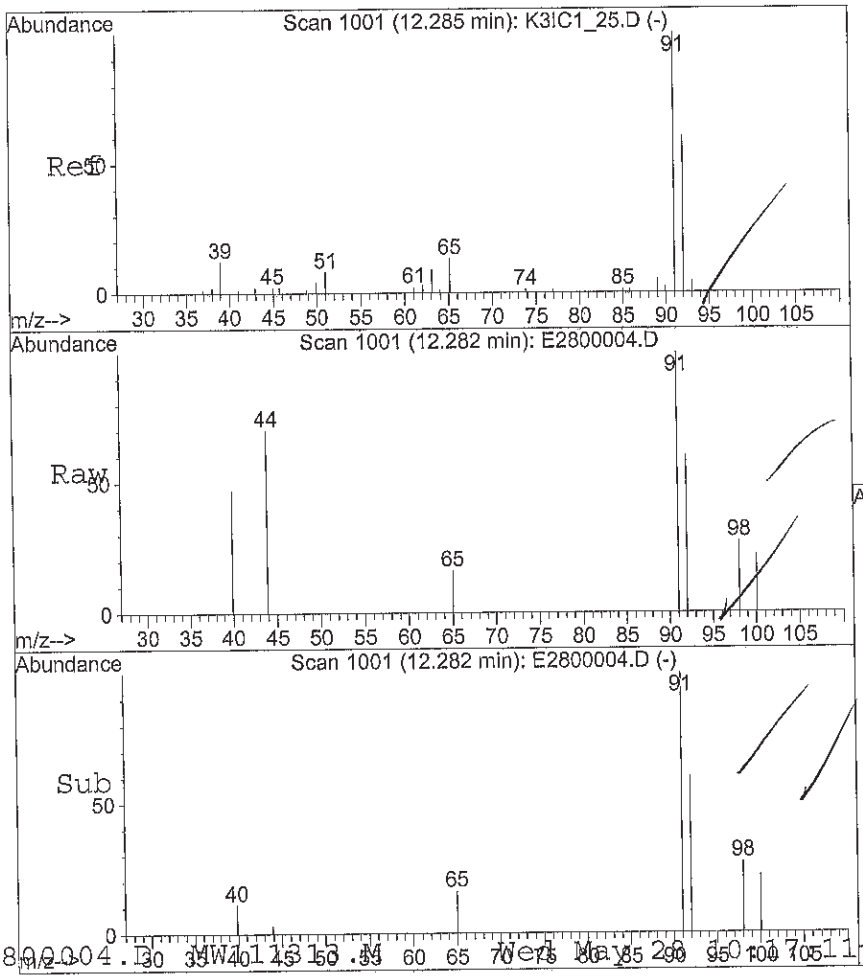


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.71 ug/L
RT: 12.21 min Scan# 992
Delta R.T. 0.09 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 43 Resp: 6666

Ion	Ratio	Lower	Upper
43	100		
58	156.8	0.0	0.0#
85	0.0	0.0	0.0
100	14186.2	0.0	0.0#

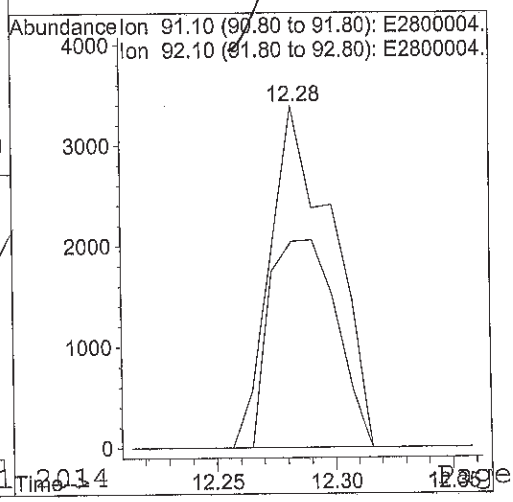


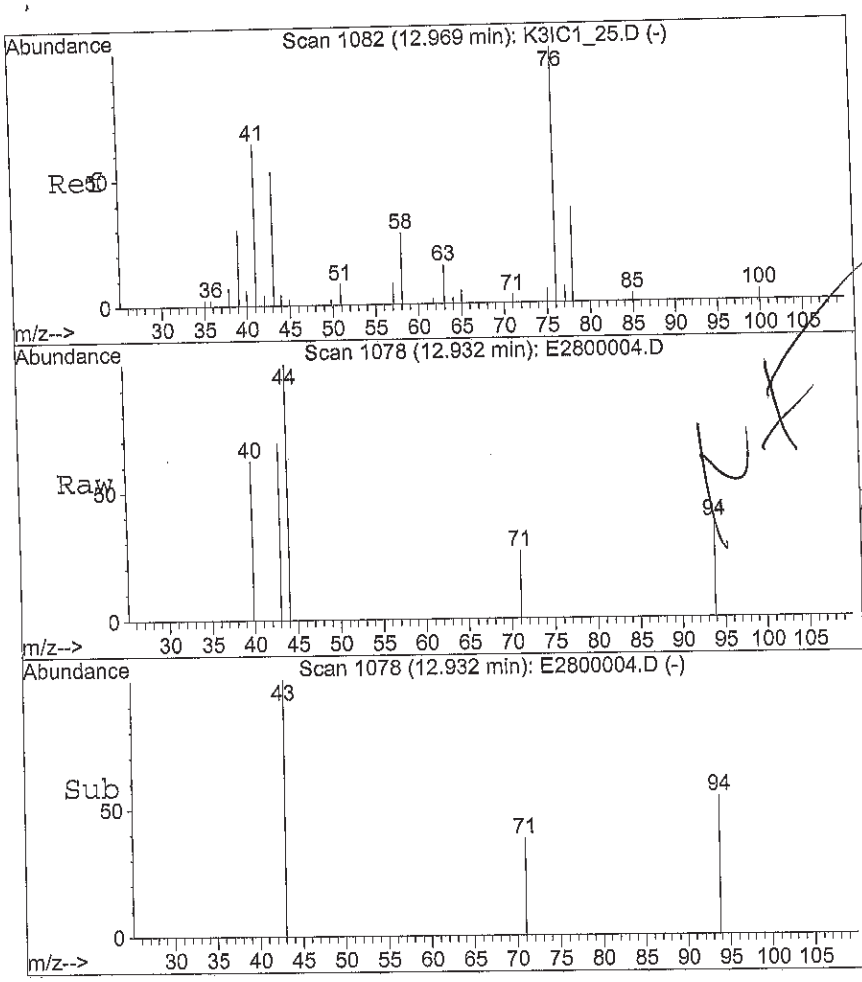


#41
Toluene
Concen: 0.37 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. -0.00 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 91 Resp: 6141

Ion	Ratio	Lower	Upper
91	100		
92	65.3	47.4	71.0

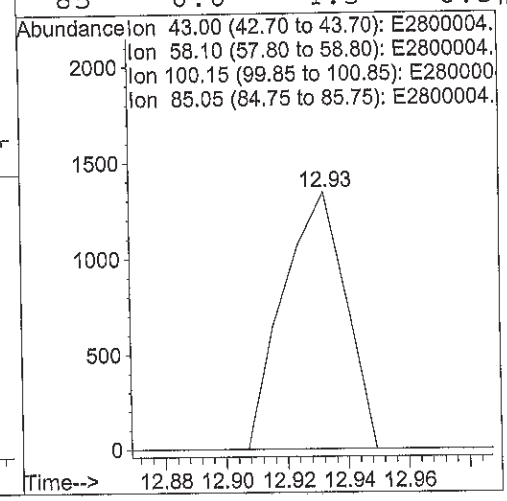


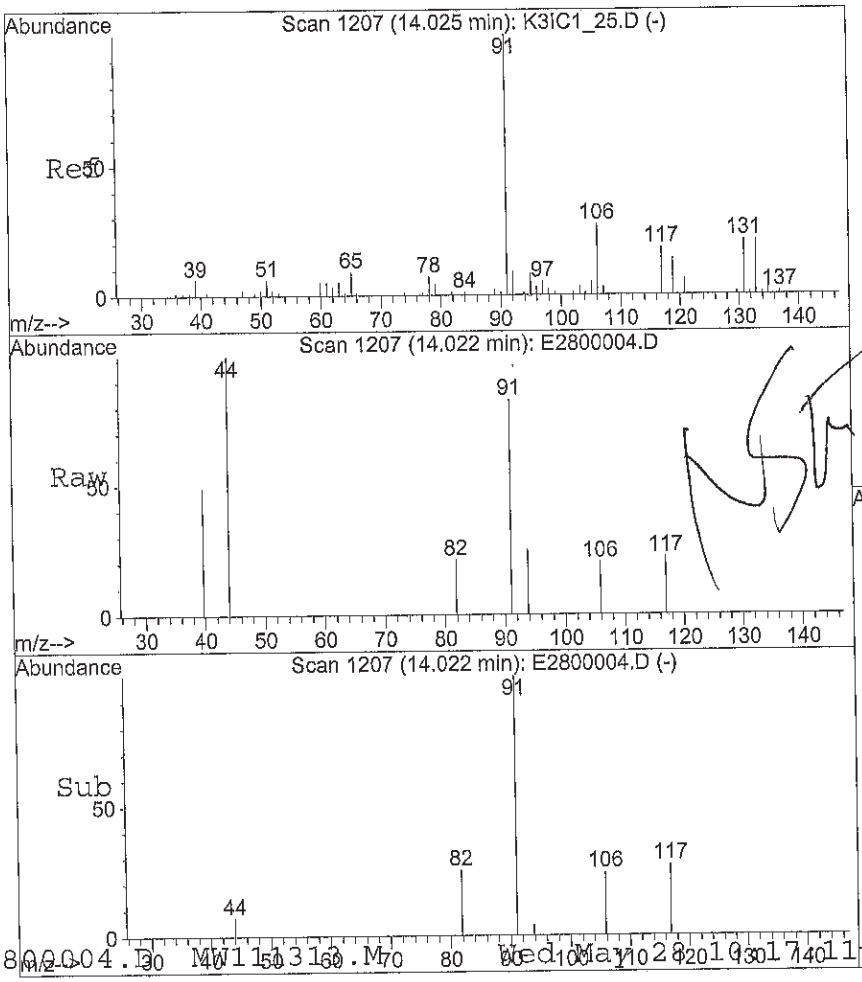


#46
2-Hexanone
Concen: 0.71 ug/L
RT: 12.93 min Scan# 1078
Delta R.T. -0.04 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 43 Resp: 1905

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

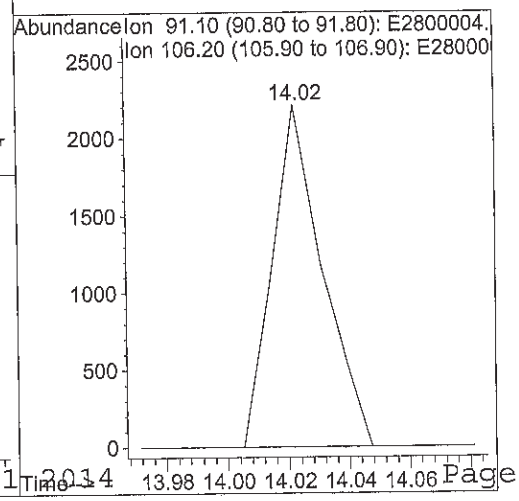


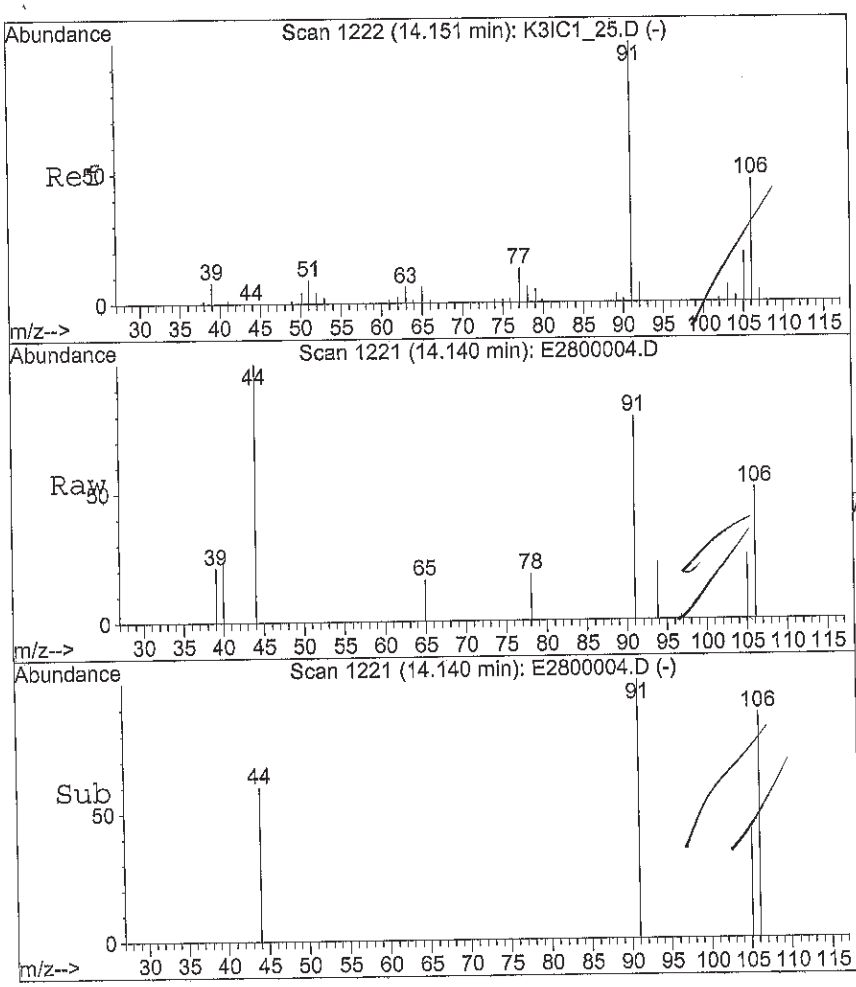


#51
Ethylbenzene
Concen: 0.13 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.00 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 91 Resp: 2528

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

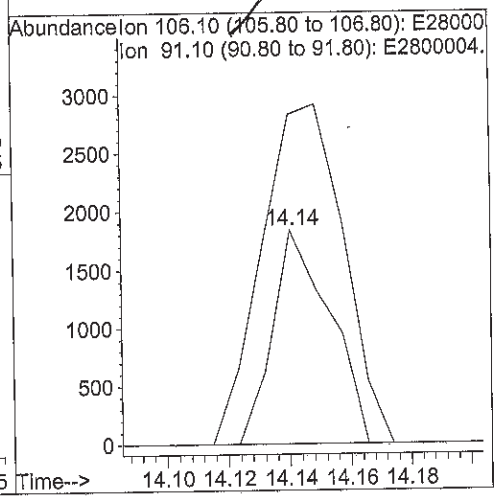


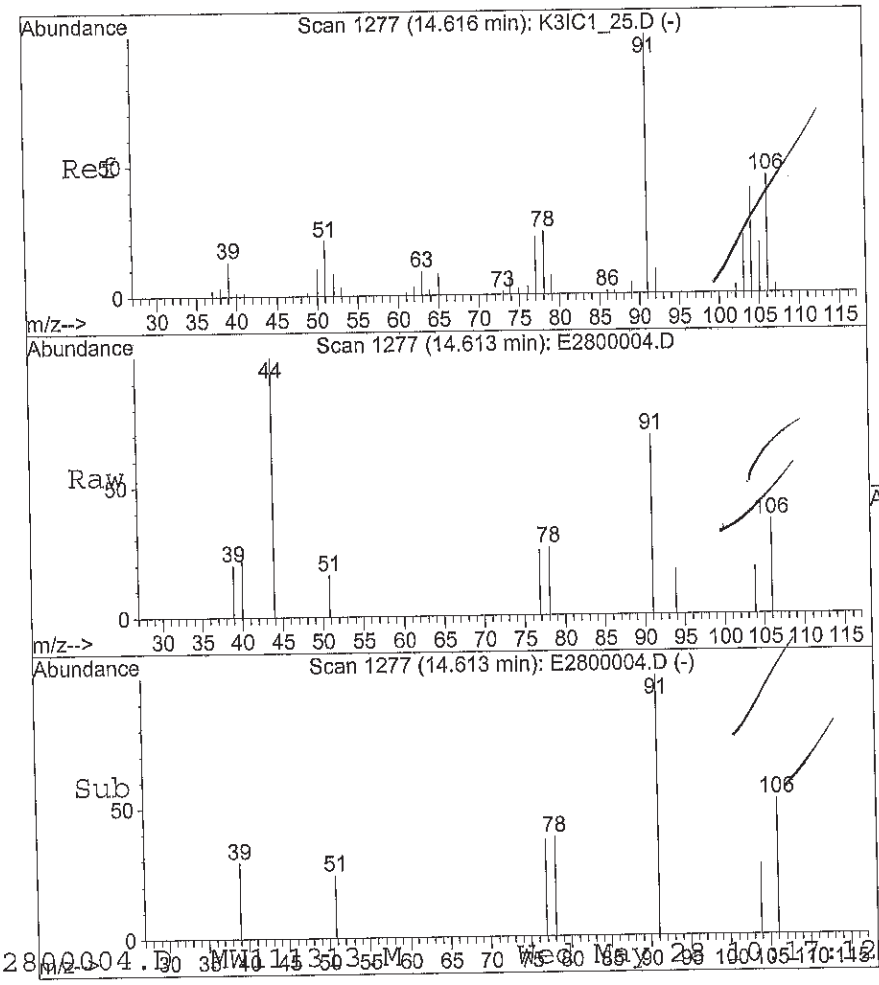


#52
m,p-Xylenes
Concen: 0.35 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion:106 Resp: 2389

Ion	Ratio	Lower	Upper
106	100		
91	225.4	177.1	265.7

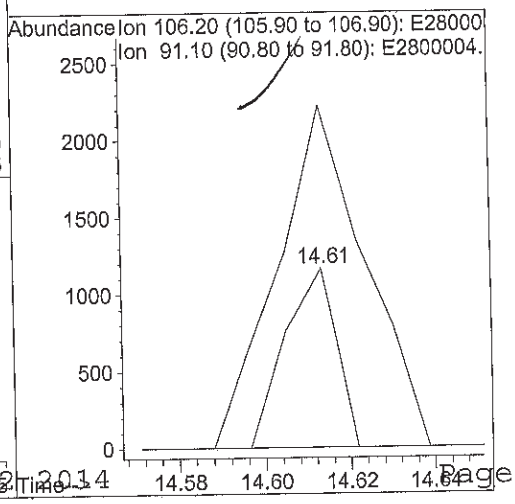


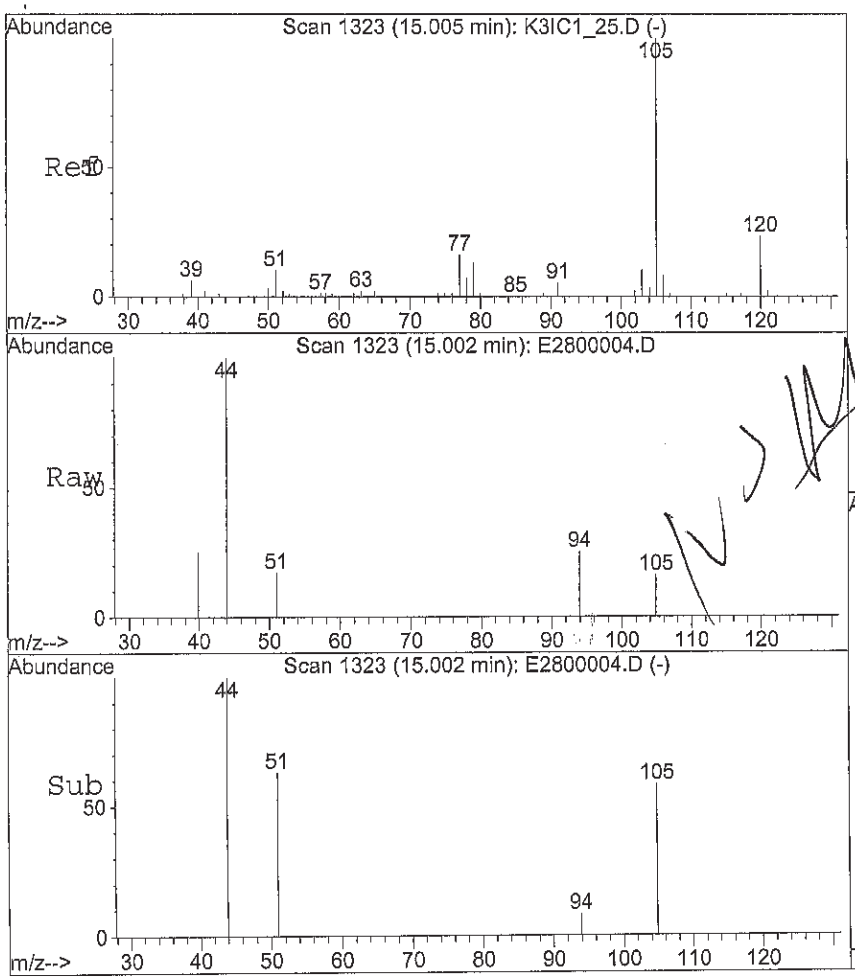


#53
o-Xylene
Concen: 0.15 ug/L
RT: 14.61 min Scan# 1277
Delta R.T. -0.00 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion:106 Resp: 976

Ion	Ratio	Lower	Upper
106	100		
91	327.3	179.0	268.6#

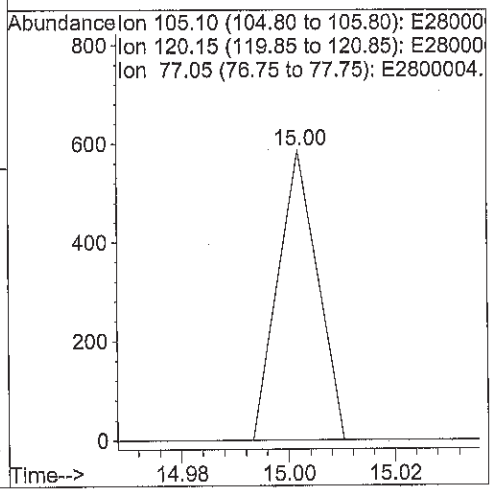


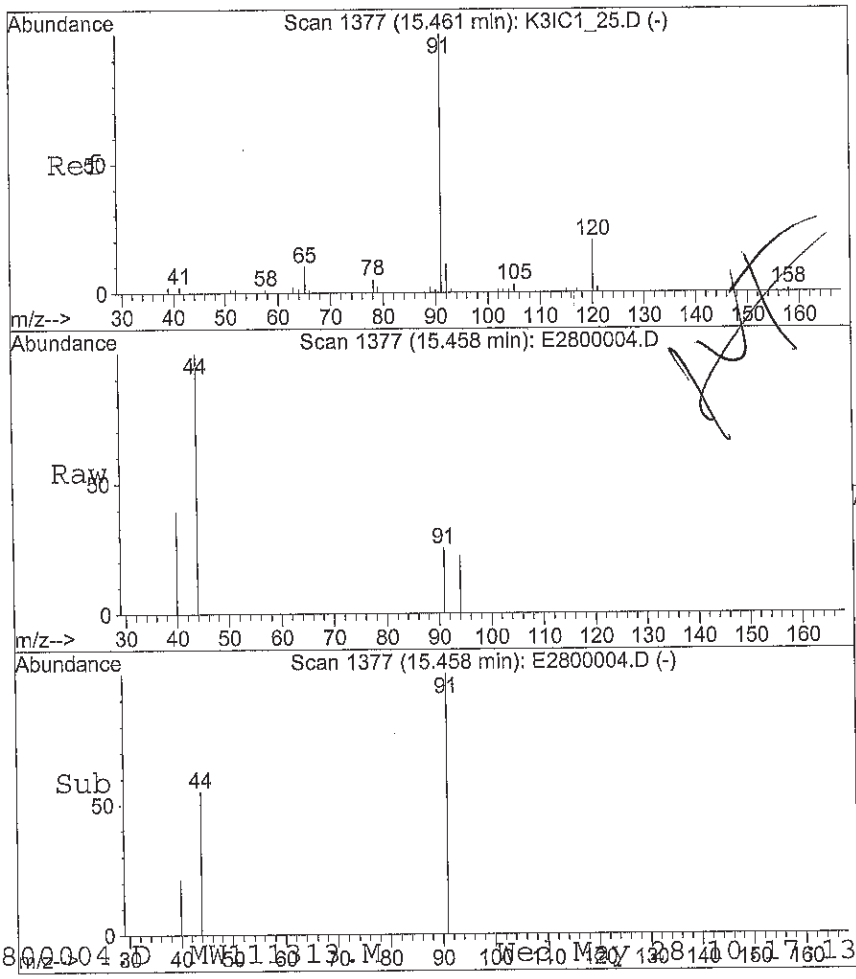


#56
Isopropylbenzene
Concen: 0.02 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.00 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion:105 Resp: 297

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	0.0	13.1	19.7#

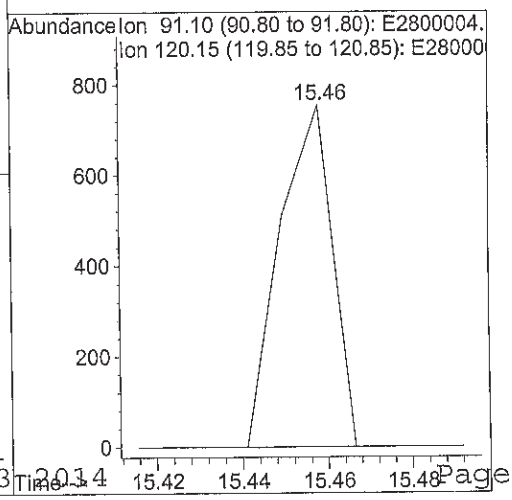


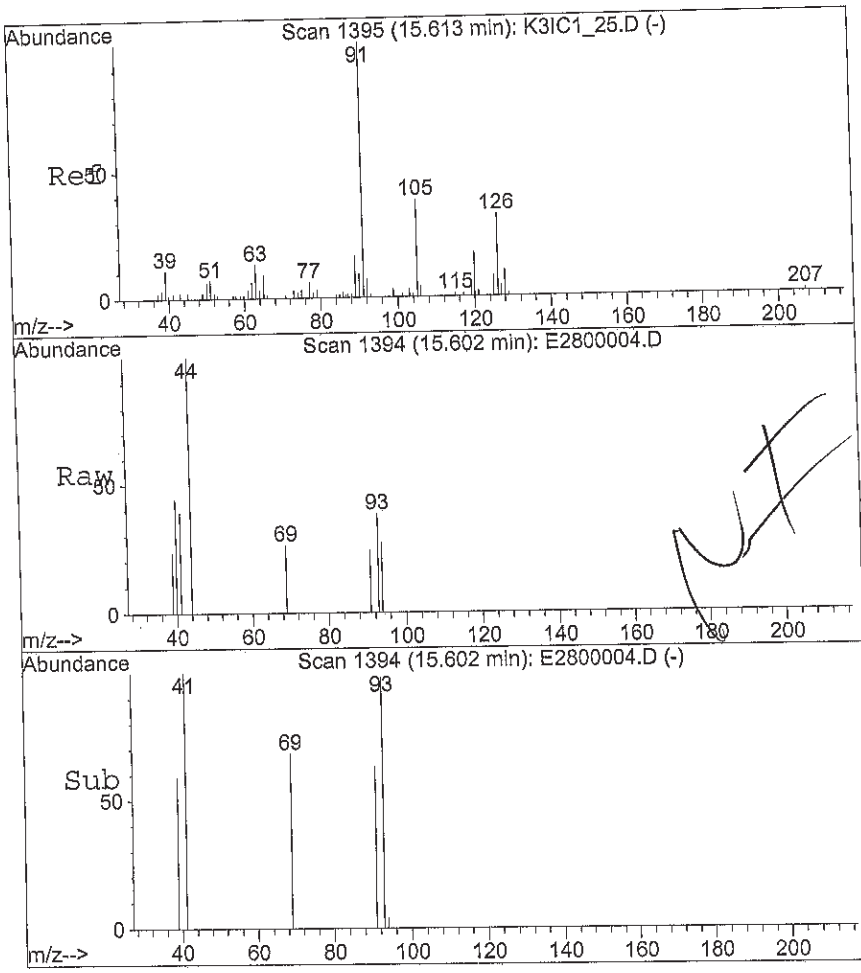


#62
n-Propylbenzene
Concen: 0.02 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.00 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 91 Resp: 641

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

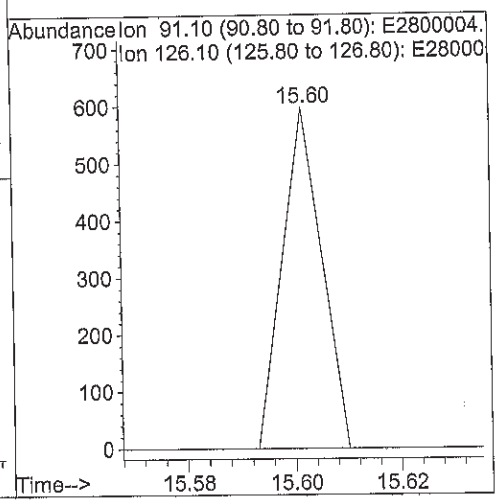


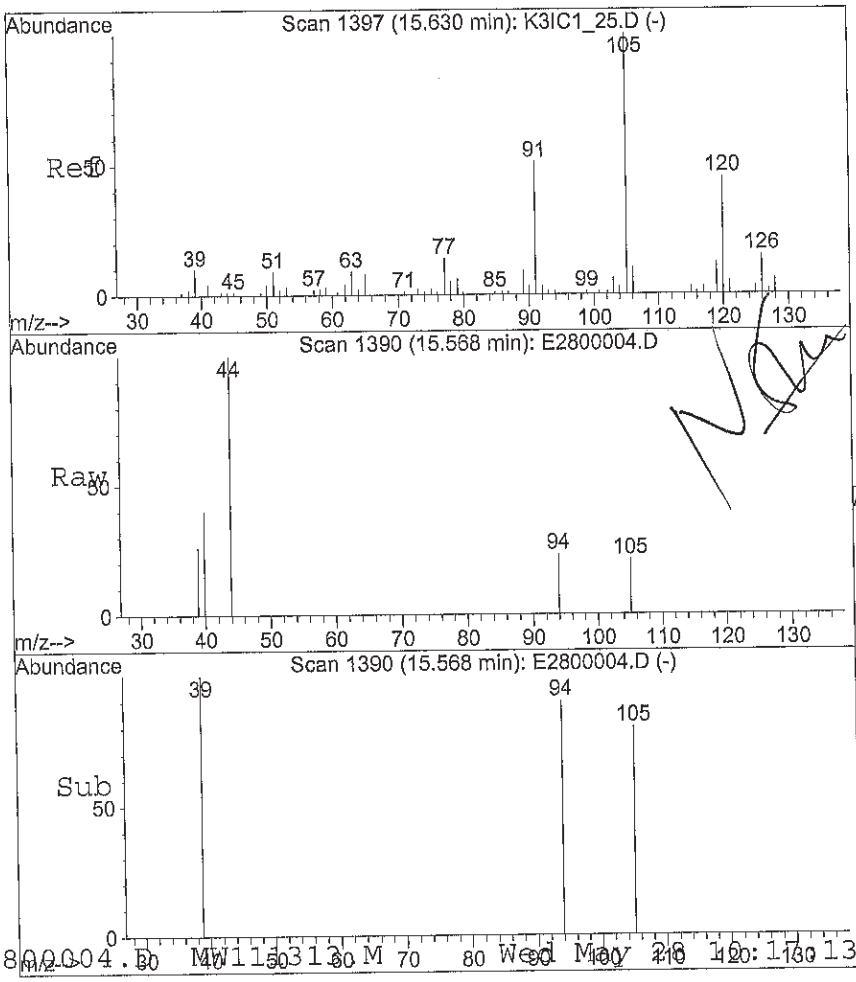


#63
2-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.60 min Scan# 1394
Delta R.T. -0.01 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 91 Resp: 302

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

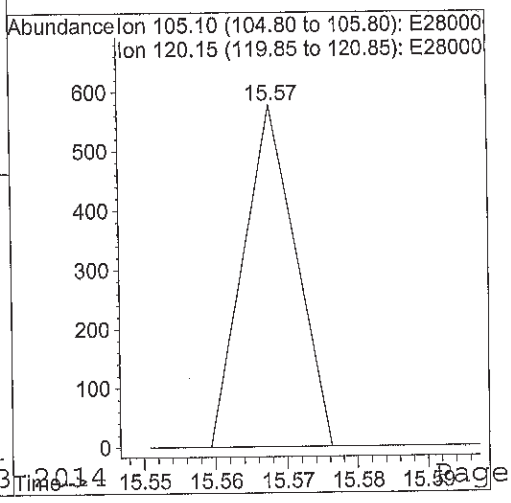


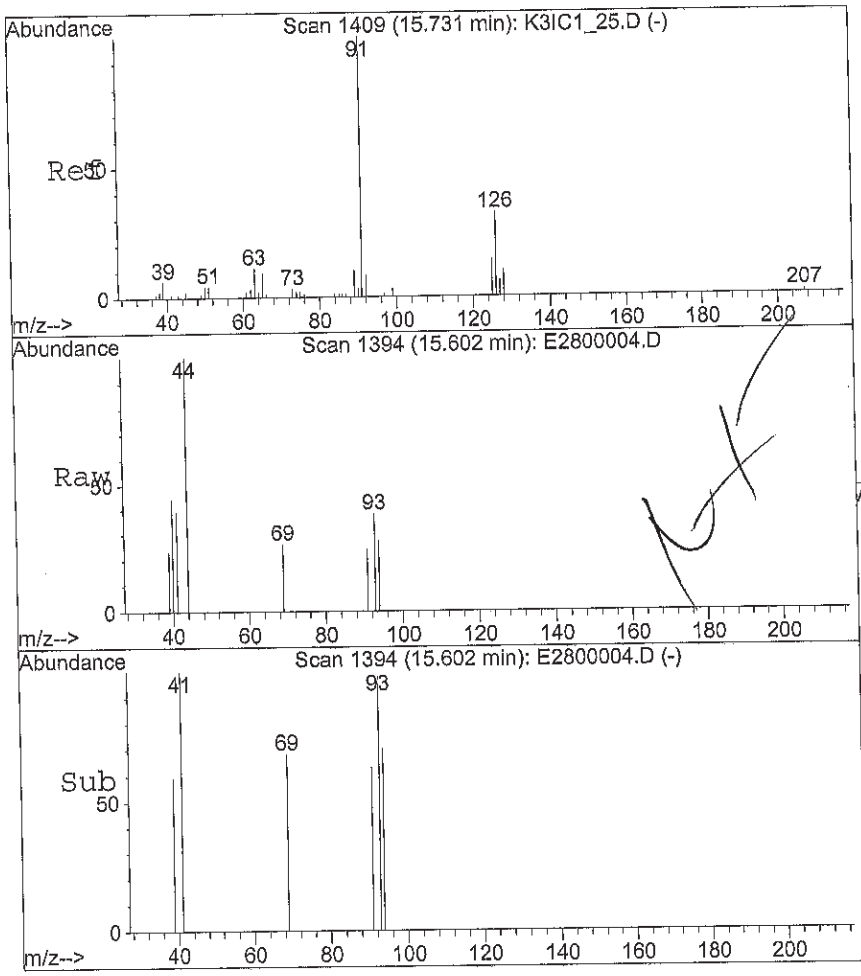


#64
1,3,5-Trimethylbenzene
Concen: 0.02 ug/L
RT: 15.57 min Scan# 1390
Delta R.T. -0.06 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion:105 Resp: 292

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

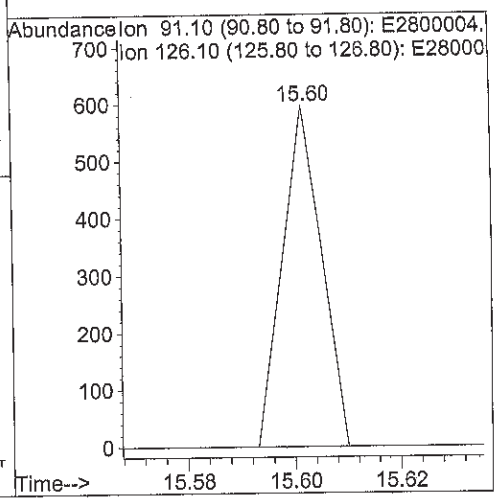


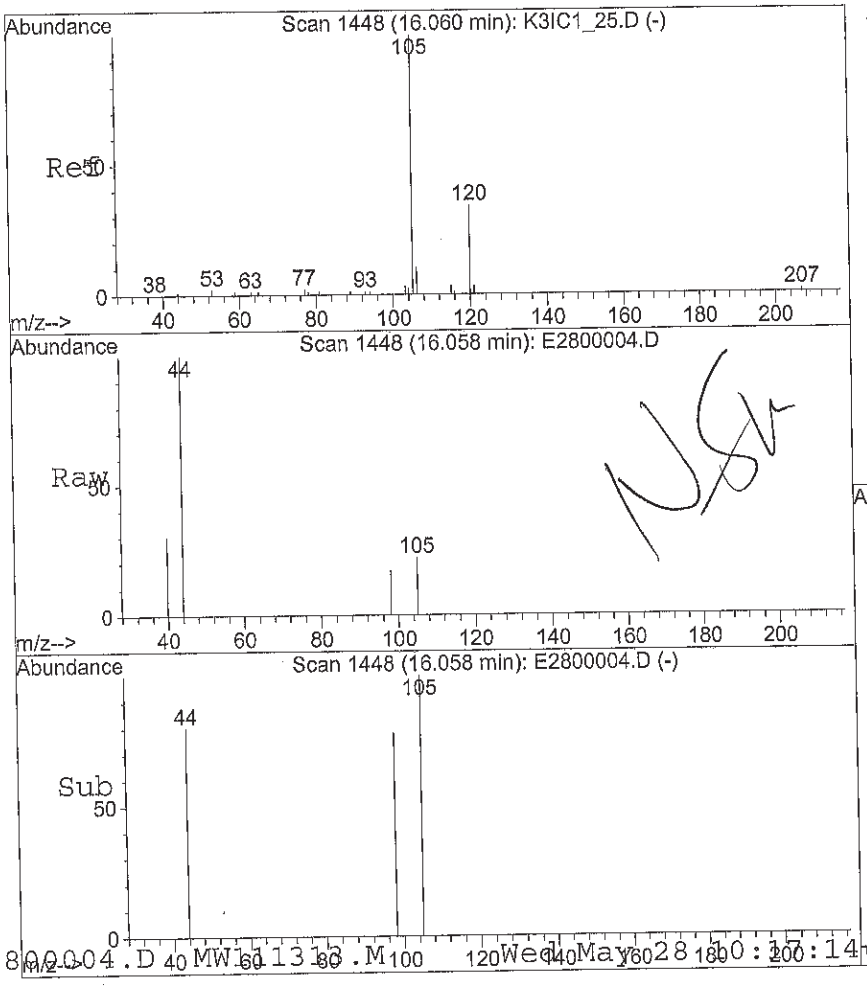


#65
4-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.60 min Scan# 1394
Delta R.T. -0.13 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion: 91 Resp: 302

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

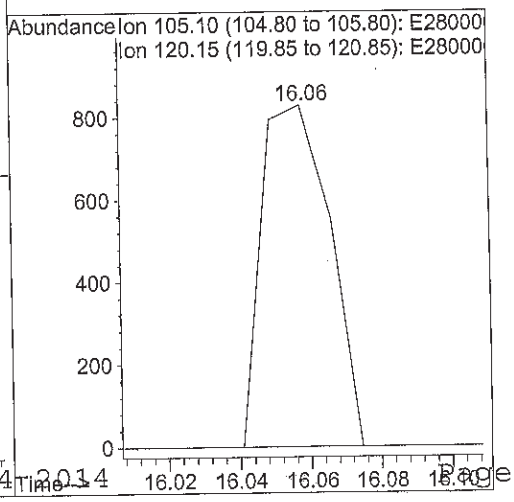


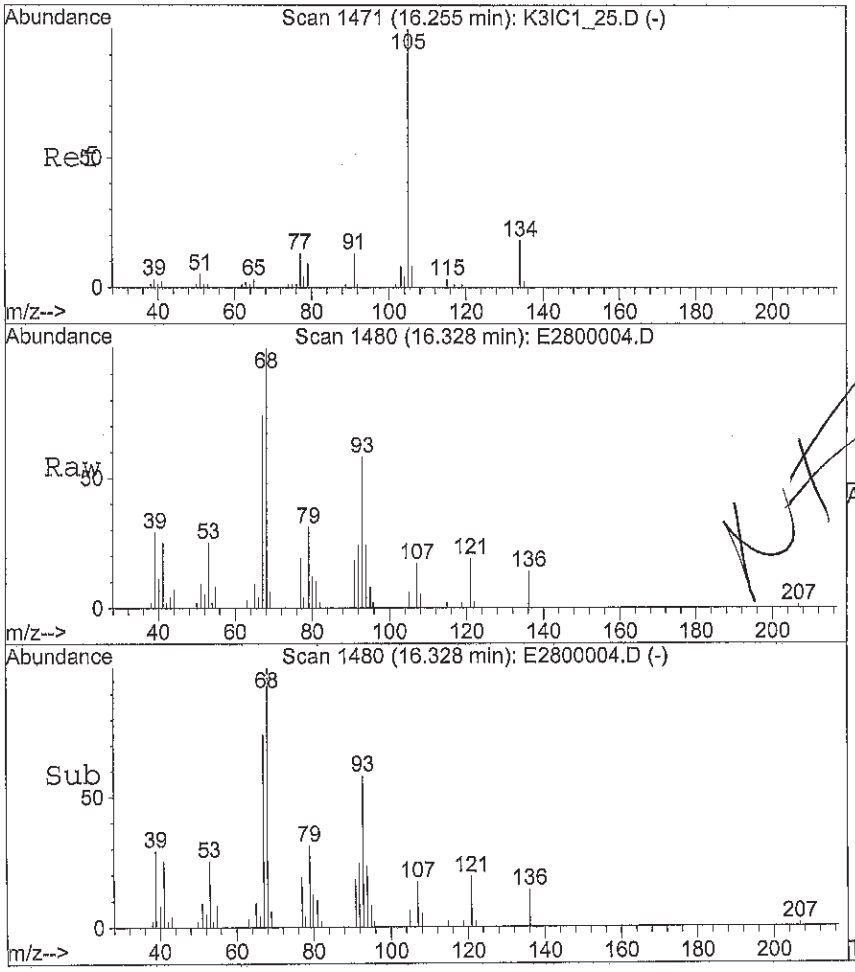


#67
1,2,4-Trimethylbenzene
Concen: 0.06 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.00 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion:105 Resp: 1104

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

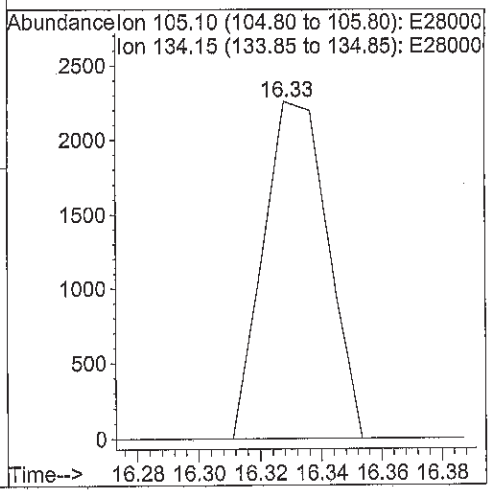


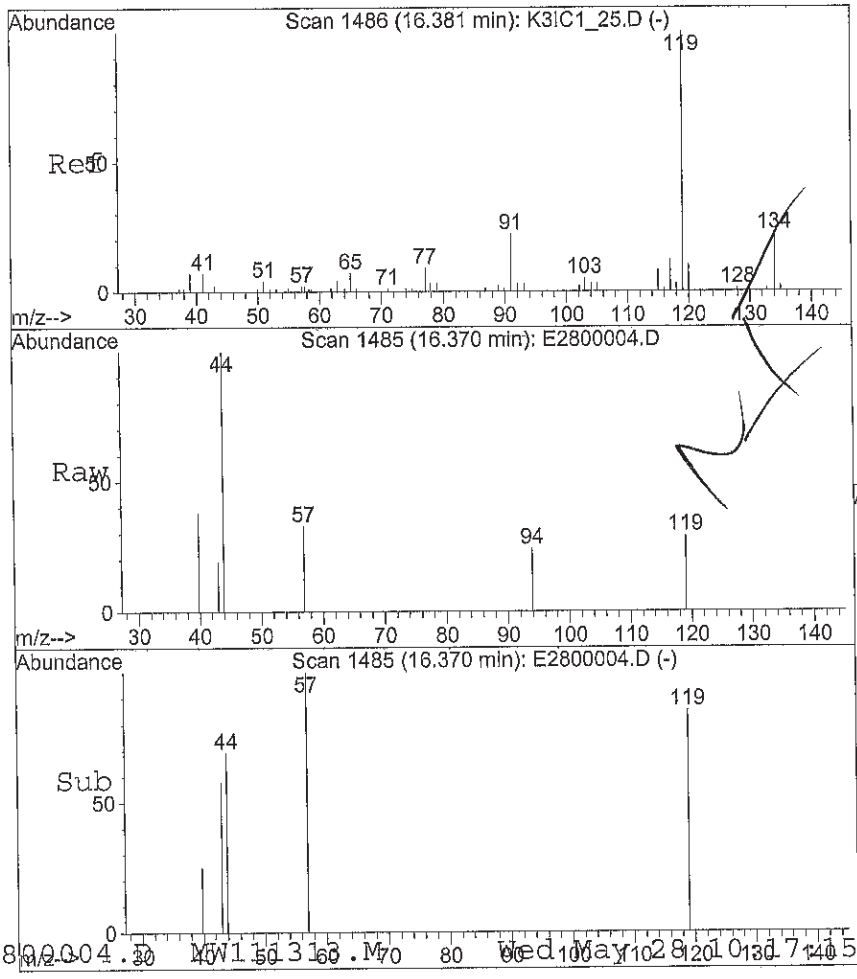


#68
sec-Butylbenzene
Concen: 0.15 ug/L
RT: 16.33 min Scan# 1480
Delta R.T. 0.07 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion:105 Resp: 3272

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

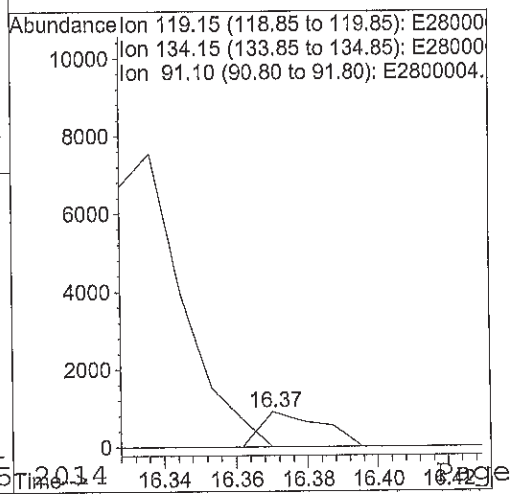




#69
p-Isopropyltoluene
Concen: 0.06 ug/L
RT: 16.37 min Scan# 1485
Delta R.T. -0.01 min
Lab File: E2800004.D
Acq: 28 May 2014 9:49 am

Tgt Ion:119 Resp: 1069

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800004.D Vial: 3
Acq On : 28 May 2014 9:49 am Operator: DN
Sample : 3E42801-03 Inst : GC/MS Ins
Misc : 100cc SVL-815-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:17 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1588325	12.50 ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.91	117	1230604	12.50 ug/L	-0.02
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	662439	12.50 ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	467461	11.32 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 90.56%		
3) Chloroform-d (SU6)	9.18	84	743312	12.54 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 100.32%		
4) Methylene Chloride-d2 (SU5	7.07	86	411111	11.87 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 94.96%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	447278	15.84 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 126.72%#		
6) Benzene-d6 (SU7)	9.93	84	1392764	11.17 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 89.36%		
8) Toluene-d8 (SU3)	12.21	98	1406762	12.05 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.40%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	693511	14.39 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 115.12%		

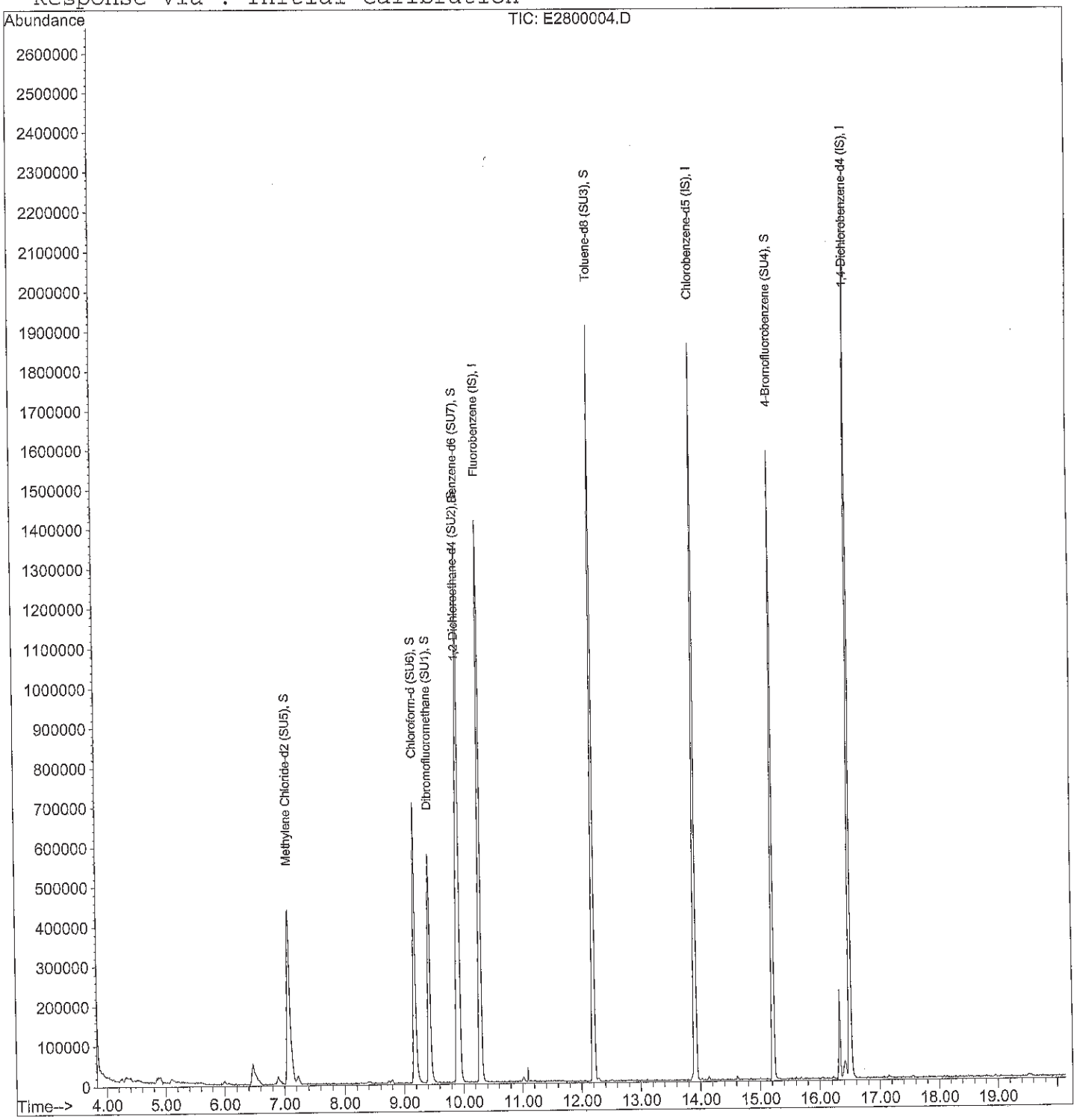
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800004.D Vial: 3
Acq On : 28 May 2014 9:49 am Operator: DN
Sample : 3E42801-03 Inst : GC/MS Ins
Misc : 100cc SVL-815-SA5D-SV-5.0-6.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:17 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800005.D Vial: 4
Acq On : 28 May 2014 10:19 am Operator: DN
Sample : 3E42801-04 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-12.5-13.8 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:42 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1591812	12.50	ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.91	117	1232045	12.50	ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	673028	12.50	ug/L	0.00

System Monitoring Compounds						
2) Dibromofluoromethane (SU1)	9.43	113	445744	11.23	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 89.84%			
28) 1,2-Dichloroethane-d4 (SU2	9.89	65	442549	11.73	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 93.84%			
39) Toluene-d8 (SU3)	12.21	98	1397374	12.16	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 97.28%			
58) 4-Bromofluorobenzene (SU4)	15.22	95	685176	13.60	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 108.80%			

Target Compounds						Qvalue
4) Chloromethane	4.40	50	5074	0.68	~~ug/L~~ # SM	41
6) Bromomethane	5.11	96	6639	2.01	~~ug/L~~ #	4
7) Chloroethane	5.32	64	880	1.35	~~ug/L~~	90
11) Acetone	6.47	58	6122	4.97	~~ug/L~~	98
12) (IPA) Leak Check Compound	6.47	45	125299	655.06	~~ug/L~~ # SM	84
13) Carbon disulfide	6.85	76	6994	0.53	~~ug/L~~ #	76
14) Methylene Chloride	7.07	84	6664	1.52	~~ug/L~~ #	1
15) (TBA) tert-Butanol	6.93	59	607	2.24	~~ug/L~~ #	77
24) Chloroform	9.20	83	3421	0.41	~~ug/L~~ # SM	57
25) (ETBE) 2-ethoxy 2-methyl p	8.36	59	276	0.02	~~ug/L~~ #	44
29) 1,1-Dichloropropene	9.93	75	365	0.06	~~ug/L~~ #	1
31) Benzene	9.97	78	2221	0.15	~~ug/L~~ #	57
32) 1,2-Dichloroethane	9.92	62	6578	1.24	~~ug/L~~ #	1
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	7946	3.23	~~ug/L~~ #	100
41) Toluene	12.28	91	46319	2.76	ug/L 0.0552	96
46) 2-Hexanone	12.92	43	1053	0.39	~~ug/L~~ #	37
51) Ethylbenzene	14.02	91	8269	0.43	ug/L 0.0086	96
52) m,p-Xylenes	14.14	106	9659	1.42	ug/L 0.0284	85
53) o-Xylene	14.61	106	2154	0.32	ug/L # 0.0064	78
54) Styrene	14.62	104	1747	-0.69	~~ug/L~~ # SM	68
56) Isopropylbenzene	15.00	105	345	0.02	~~ug/L~~ #	1
62) n-Propylbenzene	15.46	91	672	0.02	~~ug/L~~ #	56

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800005.D Vial: 4
Acq On : 28 May 2014 10:19 am Operator: DN
Sample : 3E42801-04 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-12.5-13.8 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:42 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

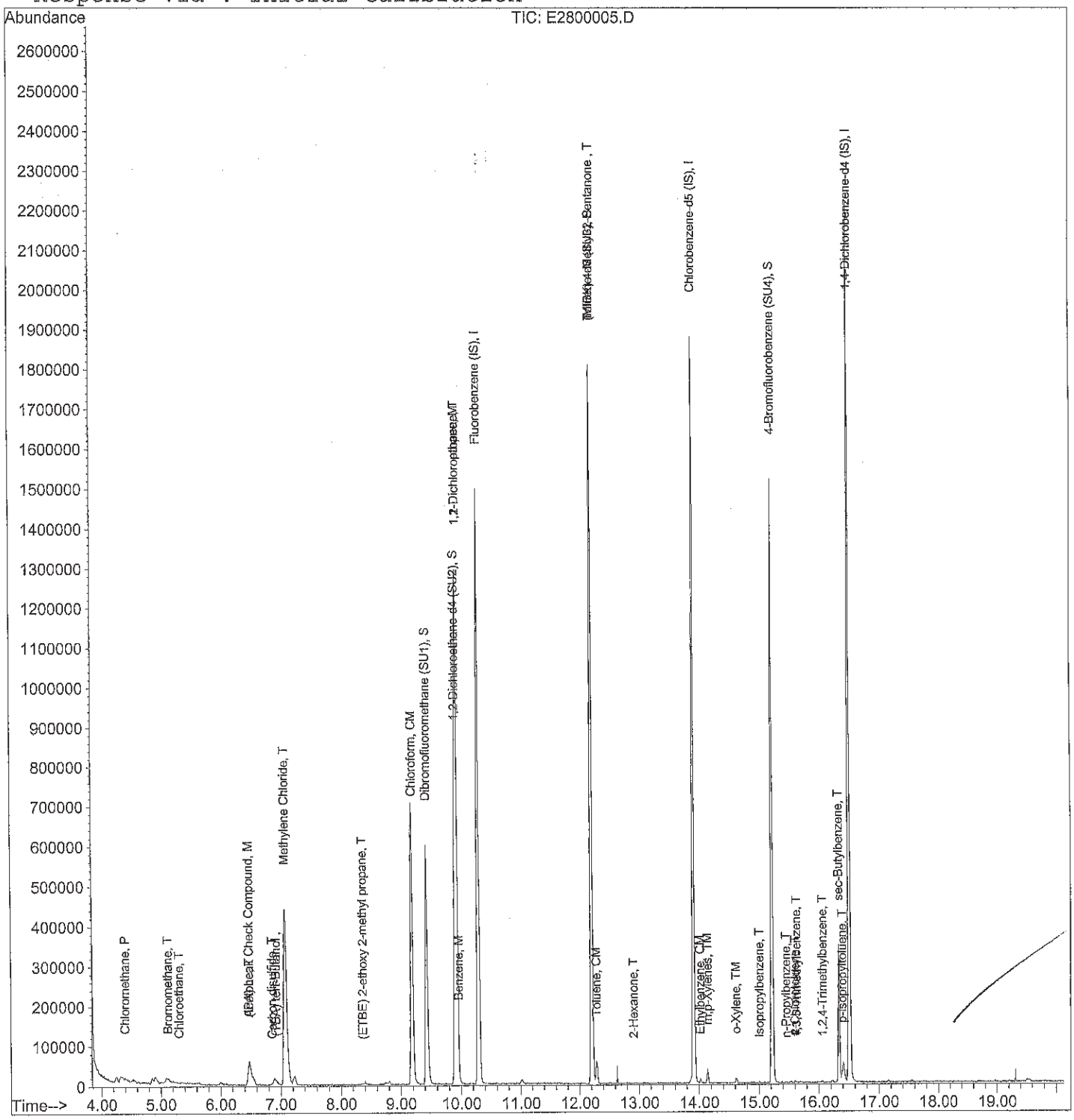
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
63) 2-Chlorotoluene	15.60	91	254	0.02 ~~ug/L #~~	45
64) 1,3,5-Trimethylbenzene	15.63	105	765	0.05 ~~ug/L #~~	31
65) 4-Chlorotoluene	15.60	91	254	0.02 ~~ug/L #~~	44
67) 1,2,4-Trimethylbenzene	16.06	105	1584	0.09 ug/L #0.0018	62
68) sec-Butylbenzene	16.33	105	4882	0.22 ~~ug/L #~~	62
69) p-Isopropyltoluene	16.38	119	1255	0.07 ~~ug/L #~~	52

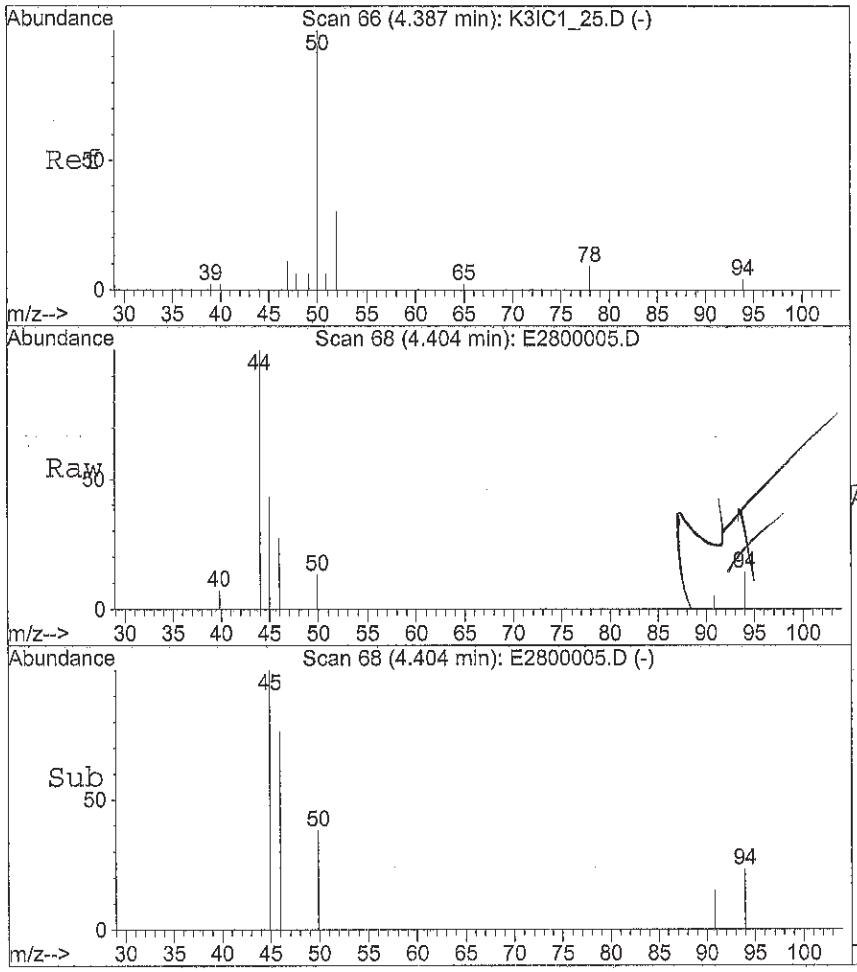
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800005.D Vial: 4
Acq On : 28 May 2014 10:19 am Operator: DN
Sample : 3E42801-04 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-12.5-13.8 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:42 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

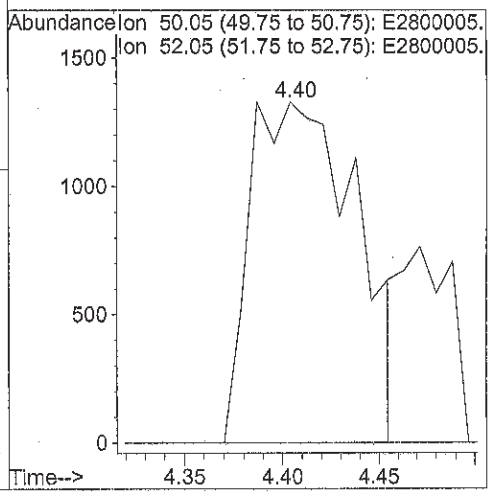


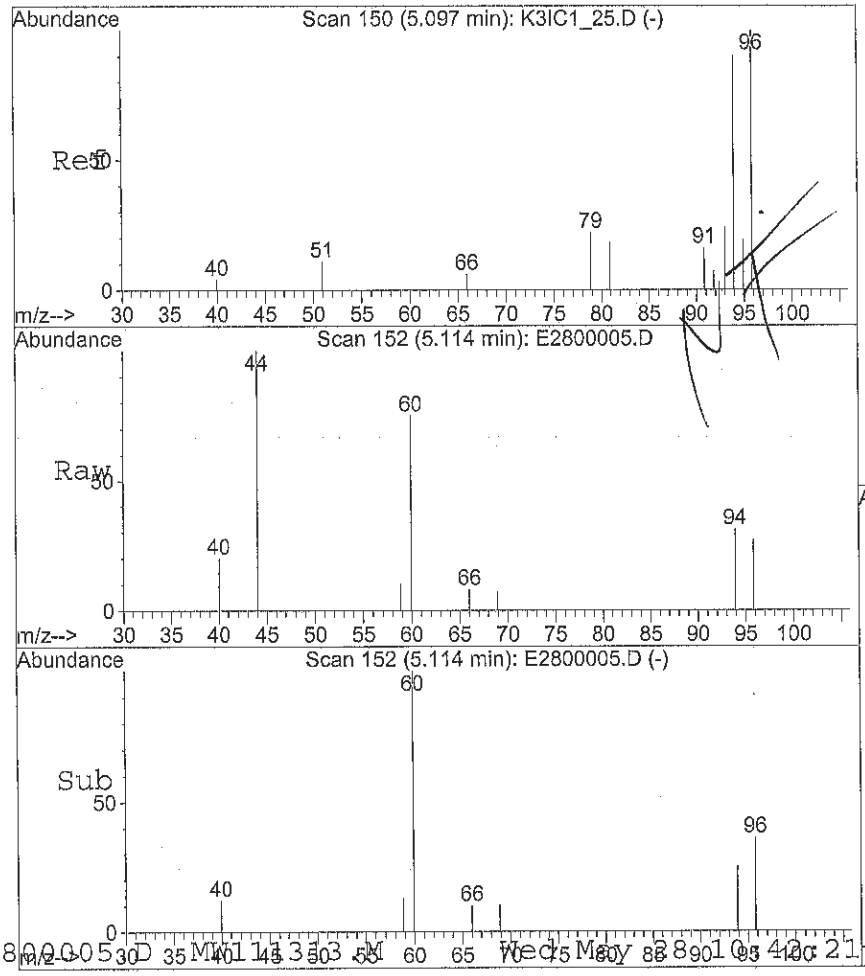


#4
Chloromethane
Concen: 0.68 ug/L
RT: 4.40 min Scan# 68
Delta R.T. 0.02 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 50 Resp: 5074

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.9	40.3#

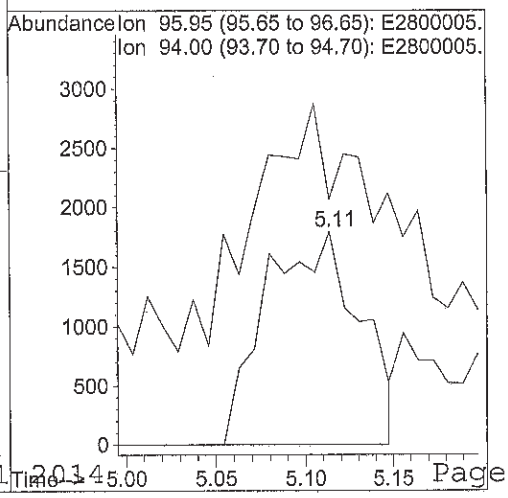


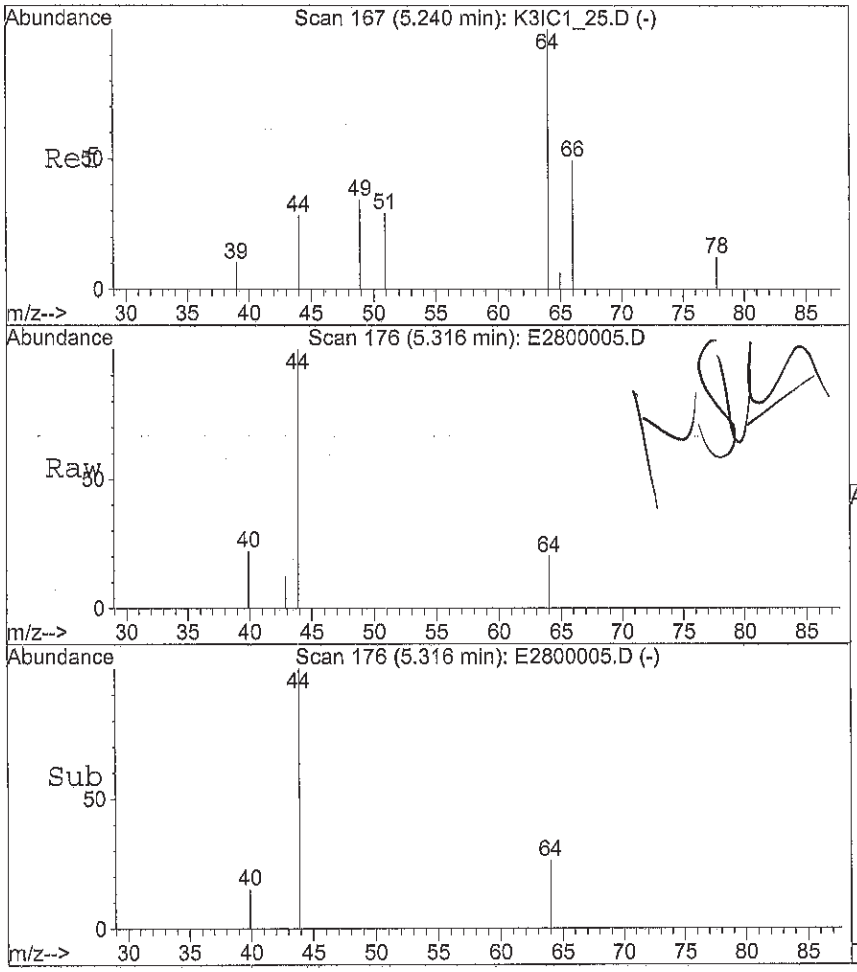


#6
Bromomethane
Concen: 2.01 ug/L
RT: 5.11 min Scan# 152
Delta R.T. 0.02 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 96 Resp: 6639

Ion	Ratio	Lower	Upper
96	100		
94	235.7	101.0	151.4#

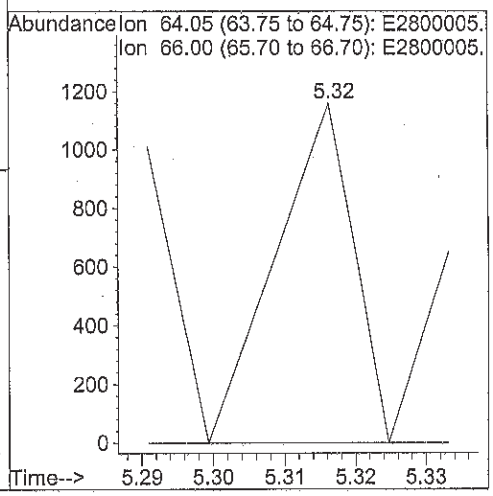


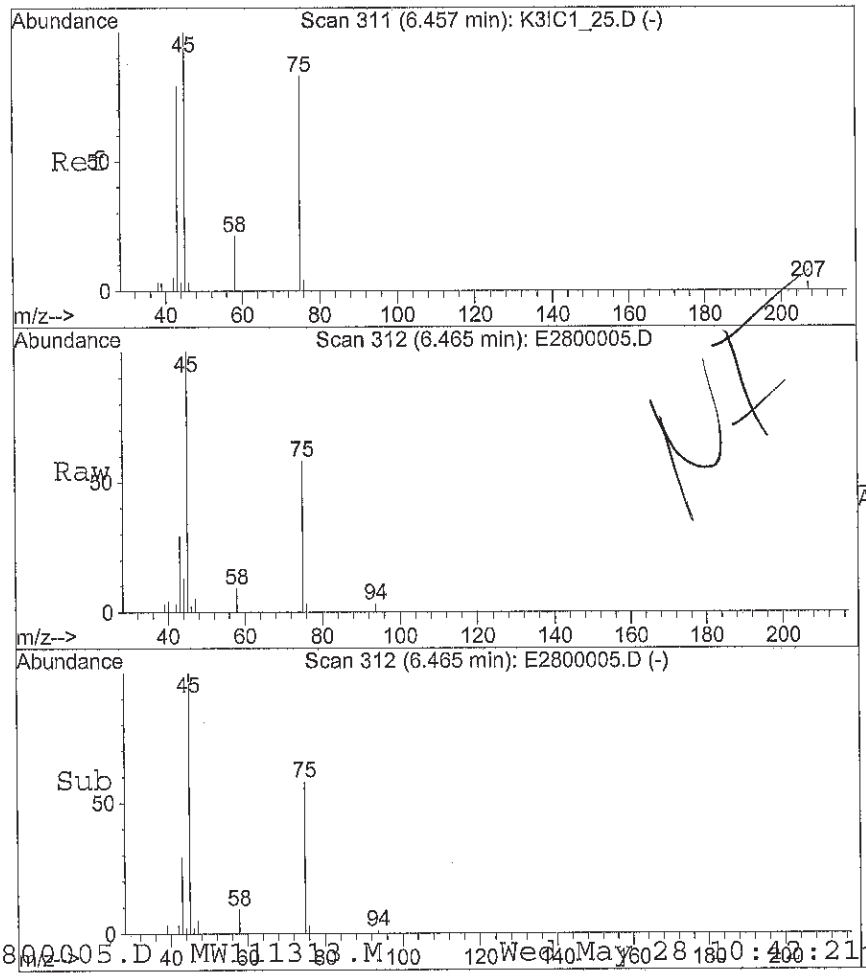


#7
Chloroethane
Concen: 1.35 ug/L
RT: 5.32 min Scan# 176
Delta R.T. 0.08 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 64 Resp: 880

Ion	Ratio	Lower	Upper
64	100		
66	37.5	35.4	53.0

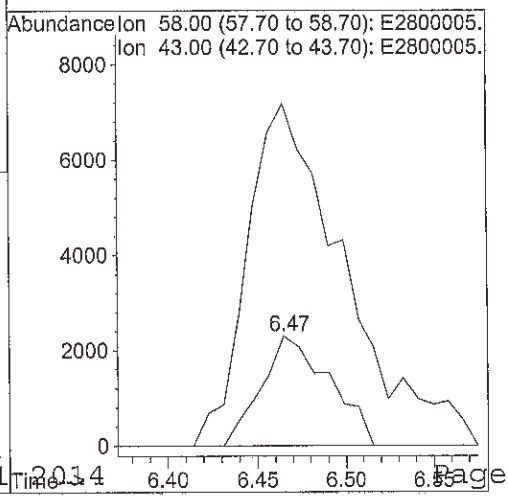


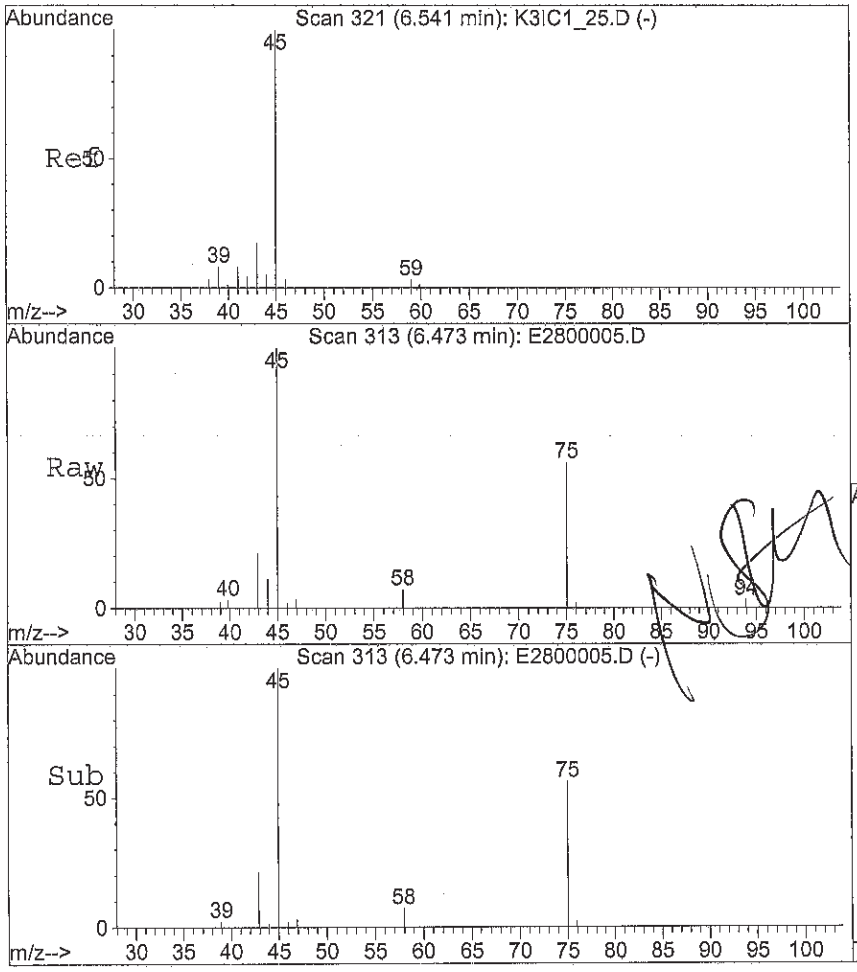


#11
Acetone
Concen: 4.97 ug/L
RT: 6.47 min Scan# 312
Delta R.T. 0.01 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 58 Resp: 6122

Ion	Ratio	Lower	Upper
58	100		
43	446.4	360.9	541.3

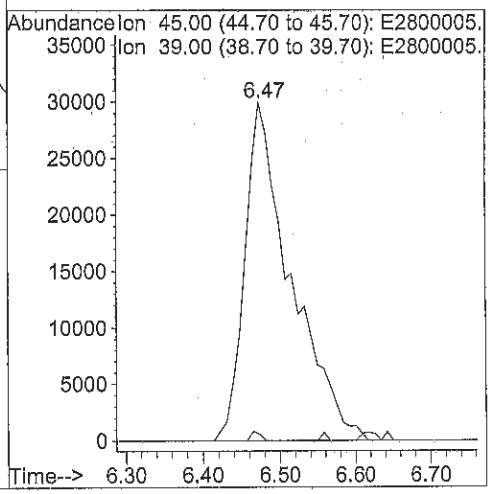


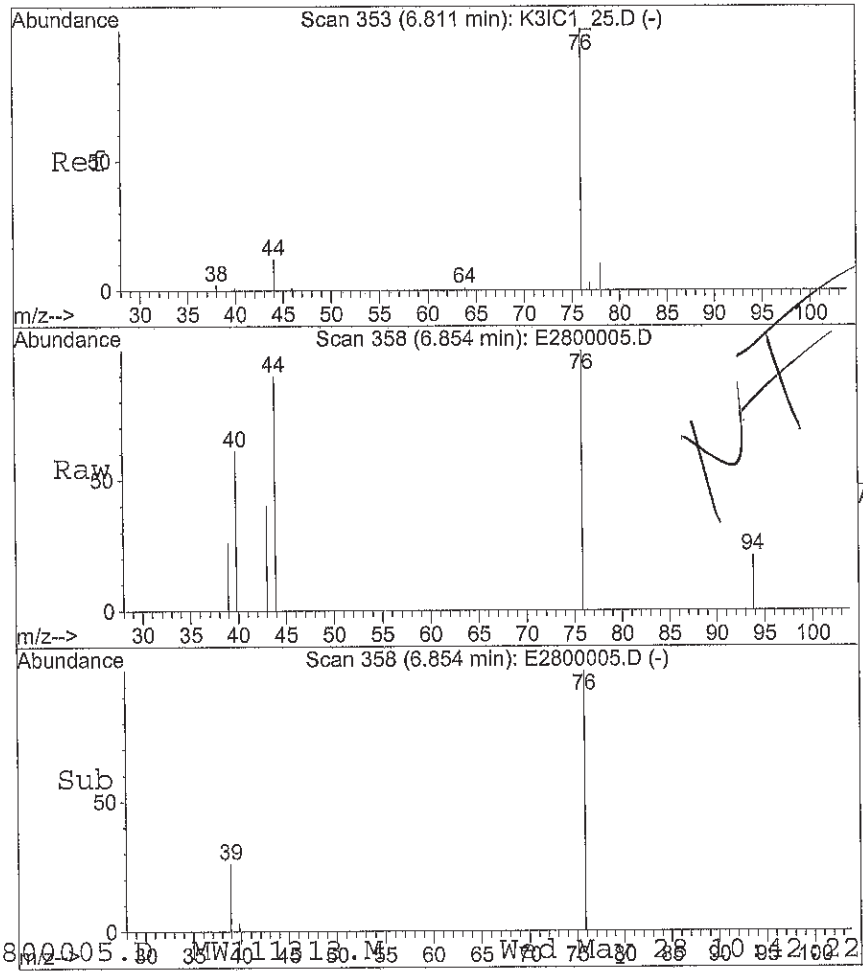


#12
(IPA) Leak Check Compound
Concen: 655.06 ug/L
RT: 6.47 min Scan# 313
Delta R.T. -0.07 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 45 Resp: 125299

Ion	Ratio	Lower	Upper
45	100		
39	0.6	4.9	7.3#

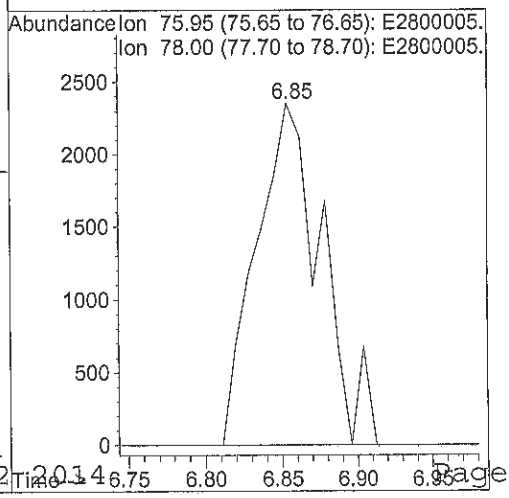


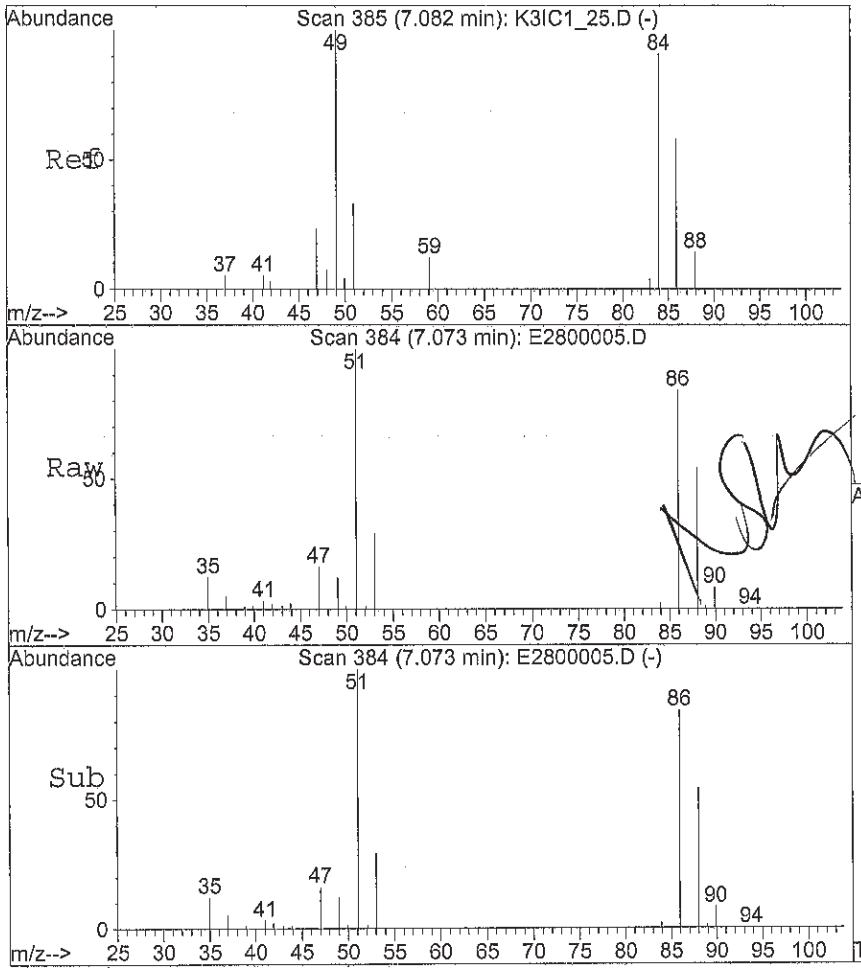


#13
Carbon disulfide
Concen: 0.53 ug/L
RT: 6.85 min Scan# 358
Delta R.T. 0.04 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 76 Resp: 6994

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

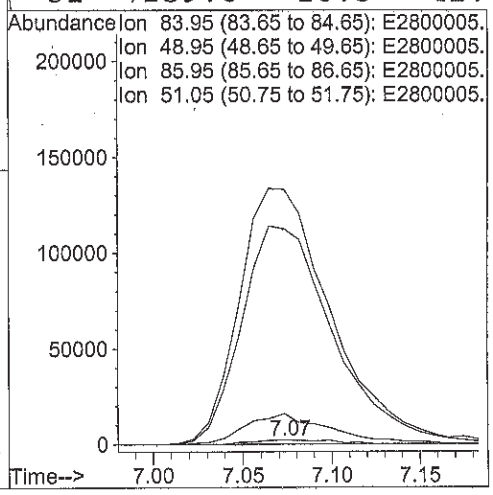


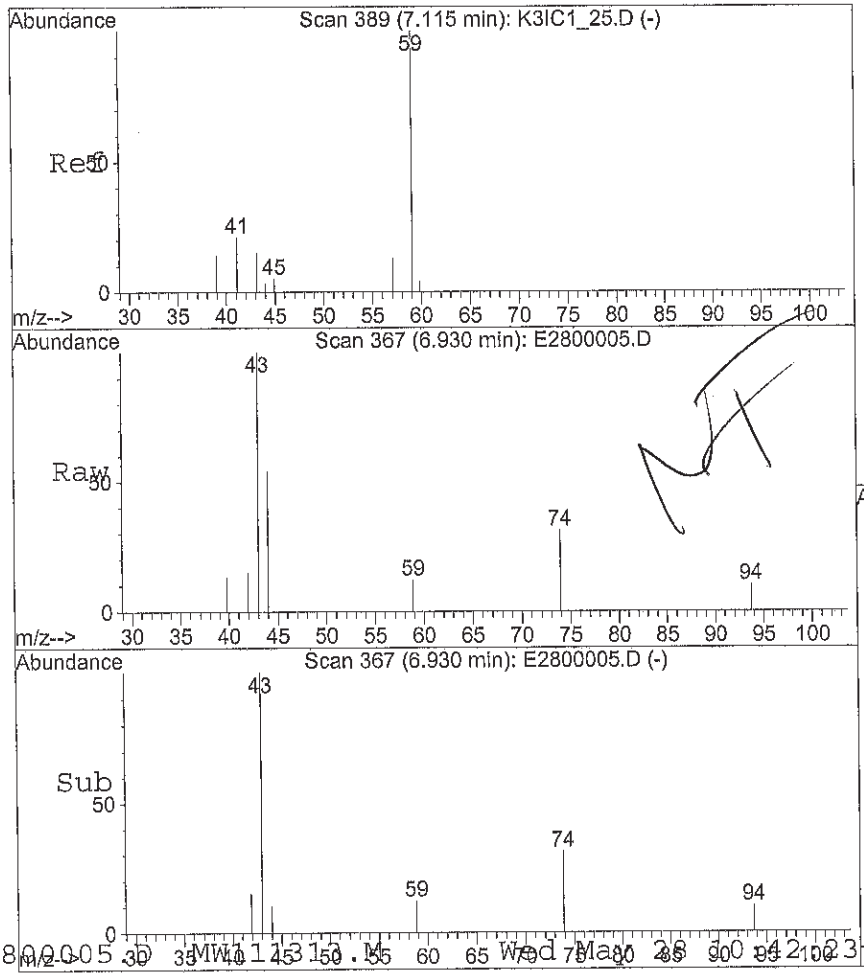


#14
Methylene Chloride
Concen: 1.52 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 84 Resp: 6664

Ion	Ratio	Lower	Upper
84	100		
49	779.7	89.8	134.6#
86	6152.1	51.1	76.7#
51	7259.6	28.5	42.7#

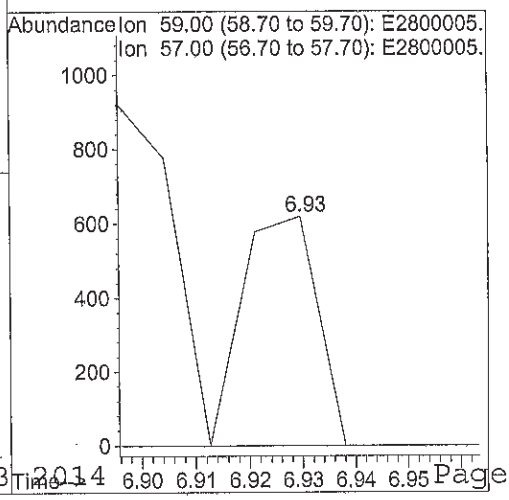


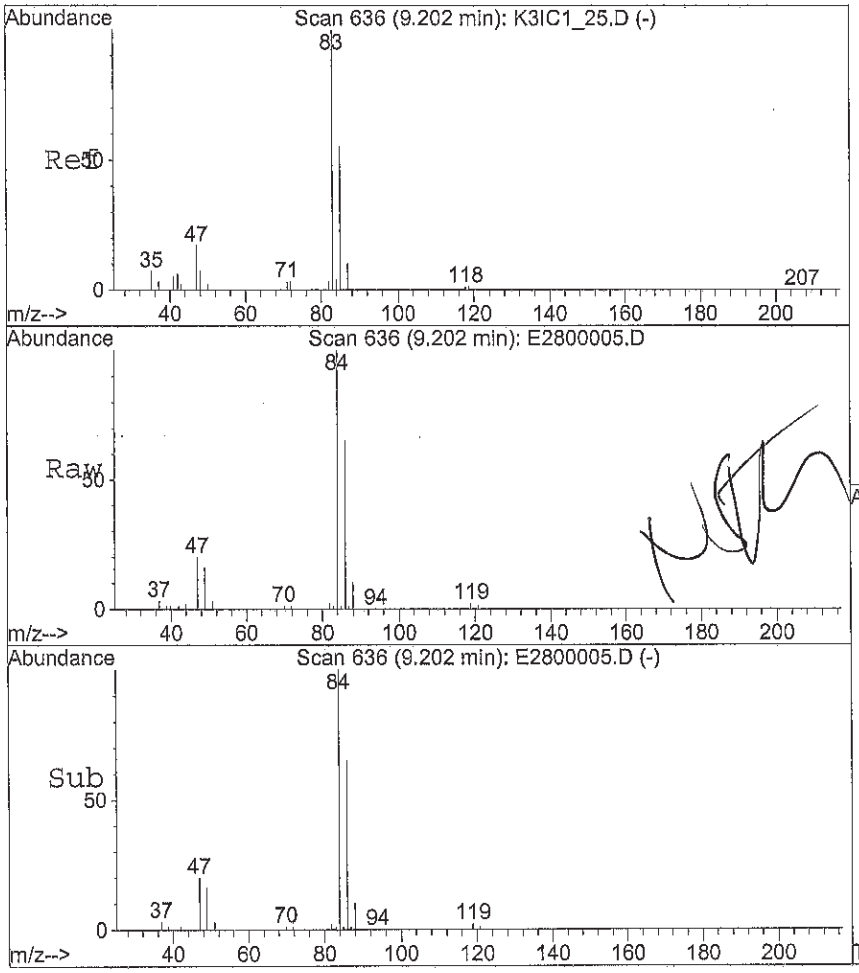


#15
(TBA) tert-Butanol
Concen: 2.24 ug/L
RT: 6.93 min Scan# 367
Delta R.T. -0.19 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 59 Resp: 607

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

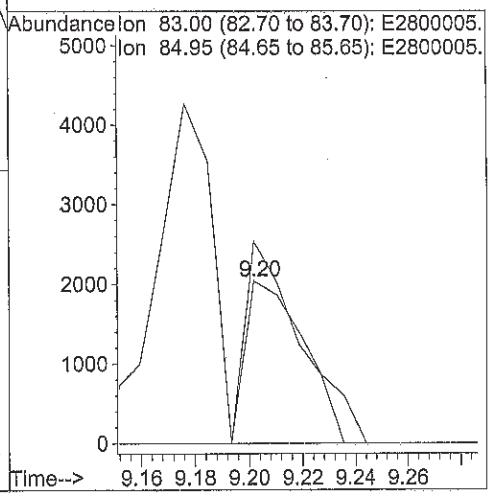


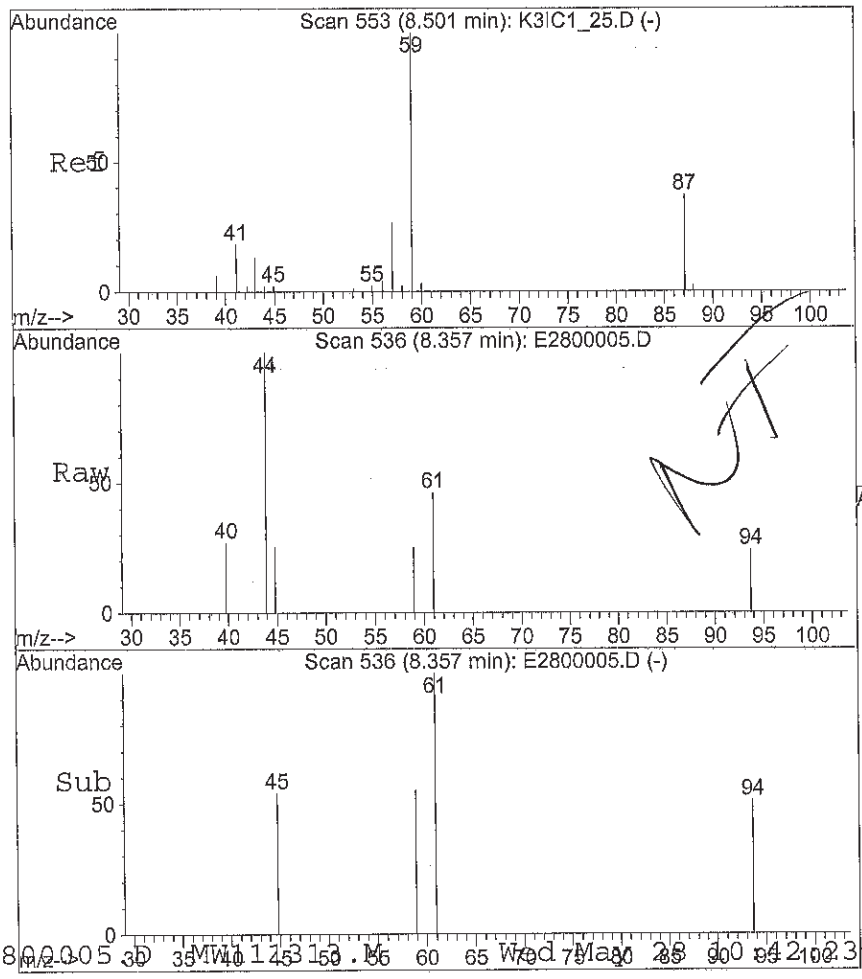


#24
Chloroform
Concen: 0.41 ug/L
RT: 9.20 min Scan# 636
Delta R.T. -0.00 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 83 Resp: 3421

Ion	Ratio	Lower	Upper
83	100		
85	98.5	51.8	77.6#

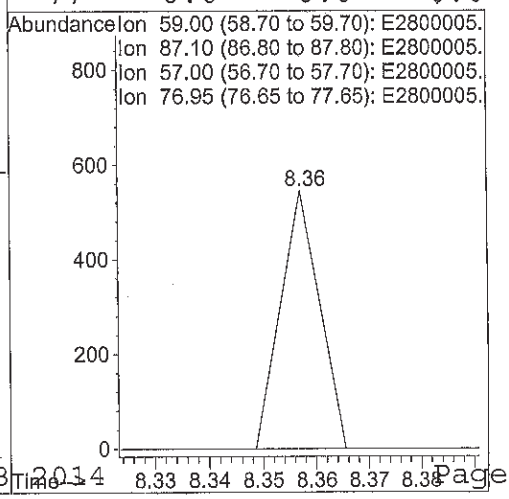


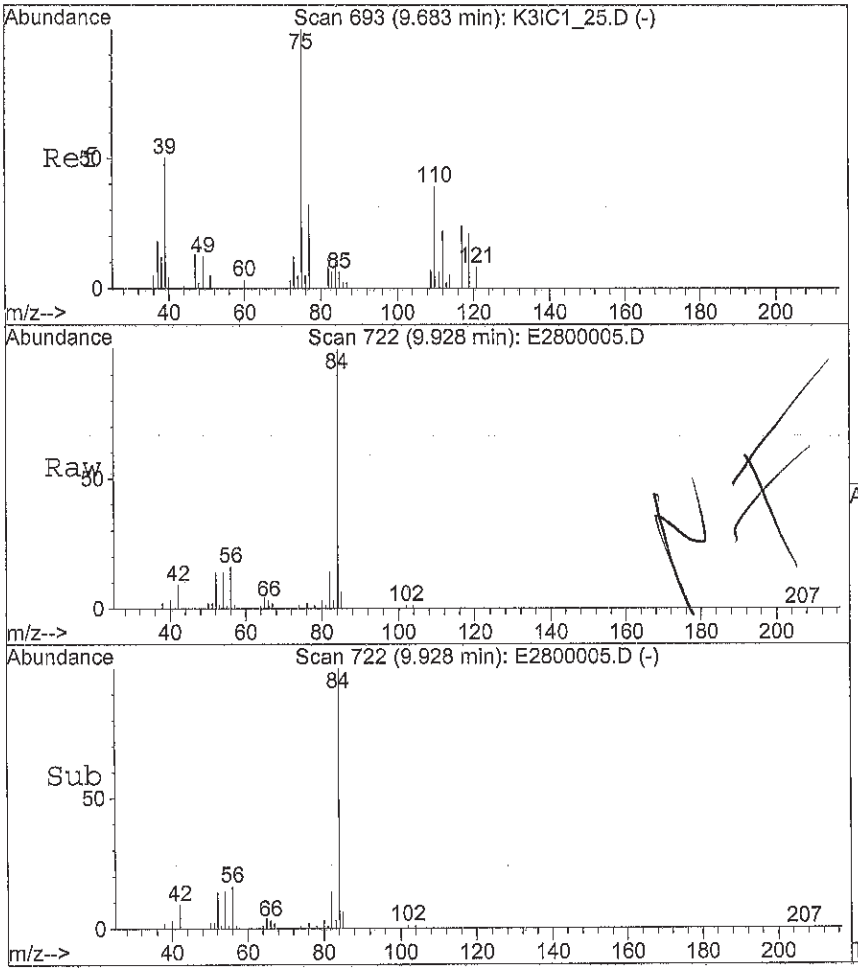


#25
(ETBE) 2-ethoxy 2-methyl propan
Concen: 0.02 ug/L
RT: 8.36 min Scan# 536
Delta R.T. -0.14 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 59 Resp: 276

Ion	Ratio	Lower	Upper
59	100		
87	0.0	27.8	41.8#
57	0.0	19.8	29.6#
77	0.0	0.0	0.0

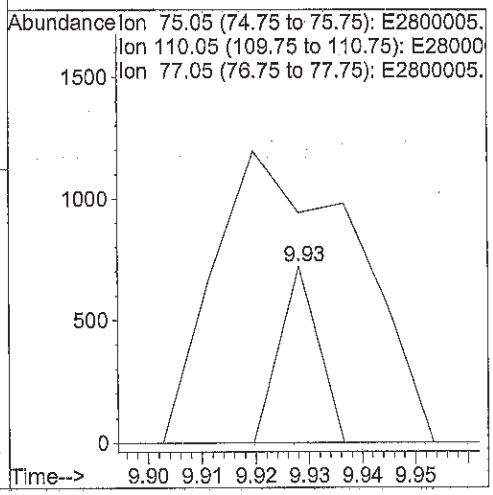


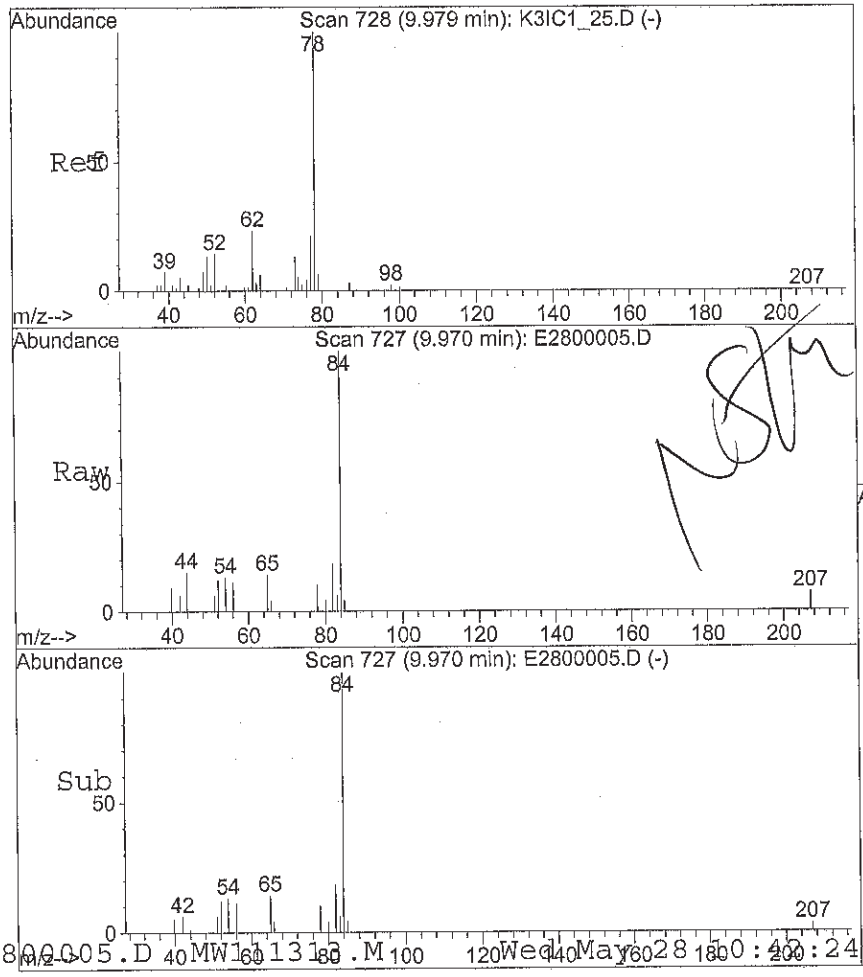


#29
1,1-Dichloropropene
Concen: 0.06 ug/L
RT: 9.93 min Scan# 722
Delta R.T. 0.24 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 75 Resp: 365

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	601.1	25.0	37.4#

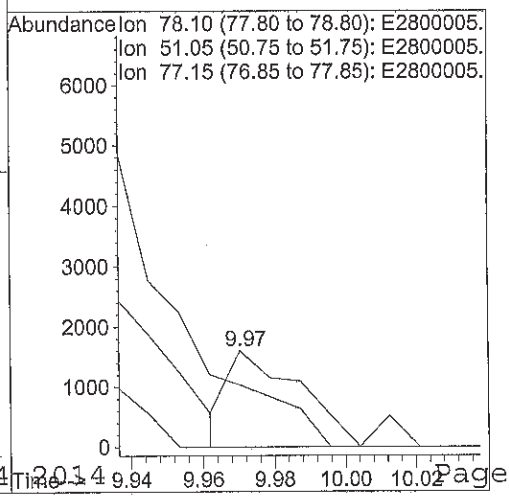


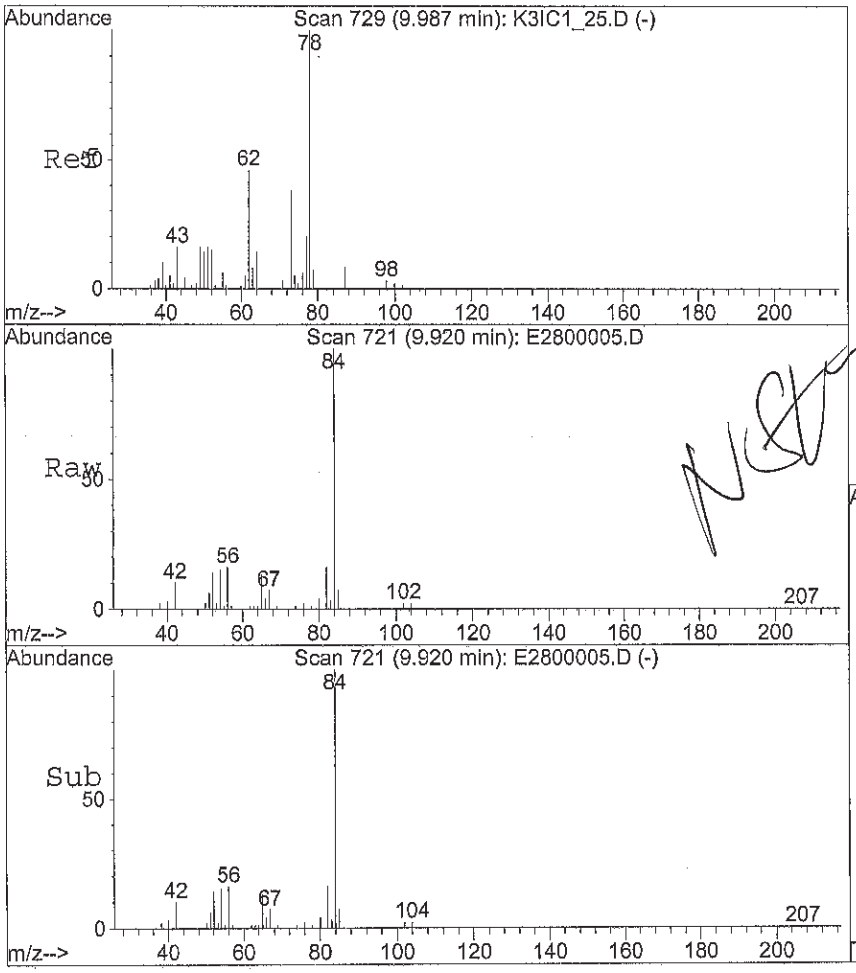


#31
Benzene
Concen: 0.15 ug/L
RT: 9.97 min Scan# 727
Delta R.T. -0.01 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 78 Resp: 2221

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	0.0	16.6	24.8#

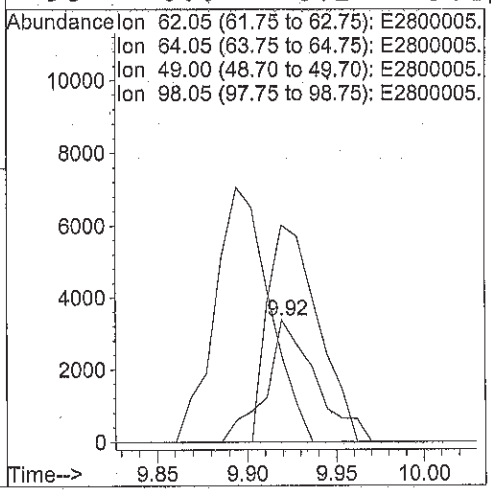


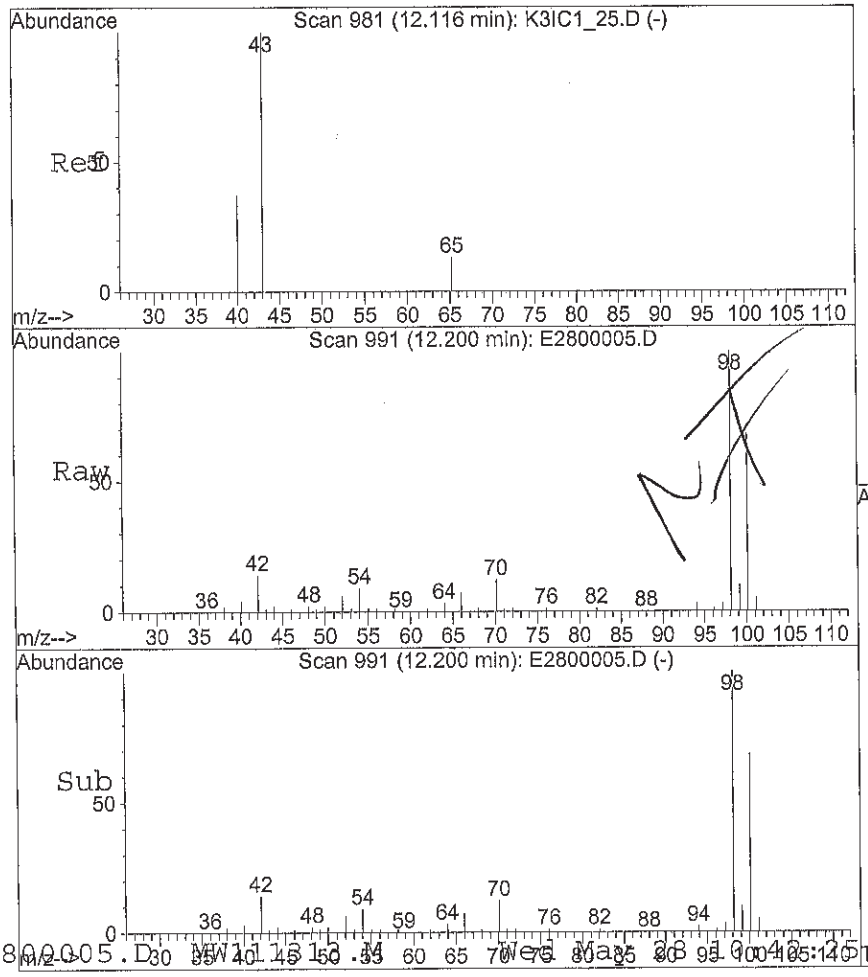


#32
1,2-Dichloroethane
Concen: 1.24 ug/L
RT: 9.92 min Scan# 721
Delta R.T. -0.07 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 62 Resp: 6578

Ion	Ratio	Lower	Upper
62	100		
64	180.8	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

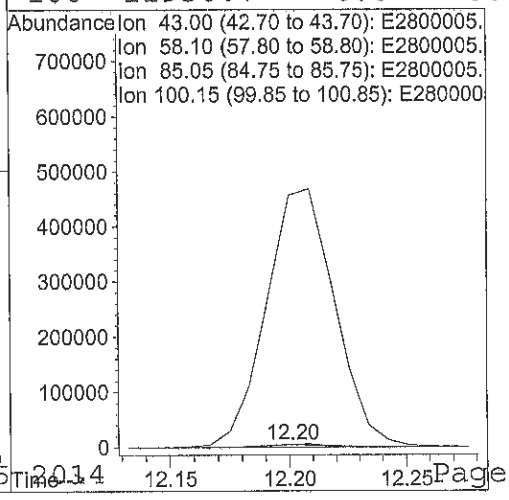


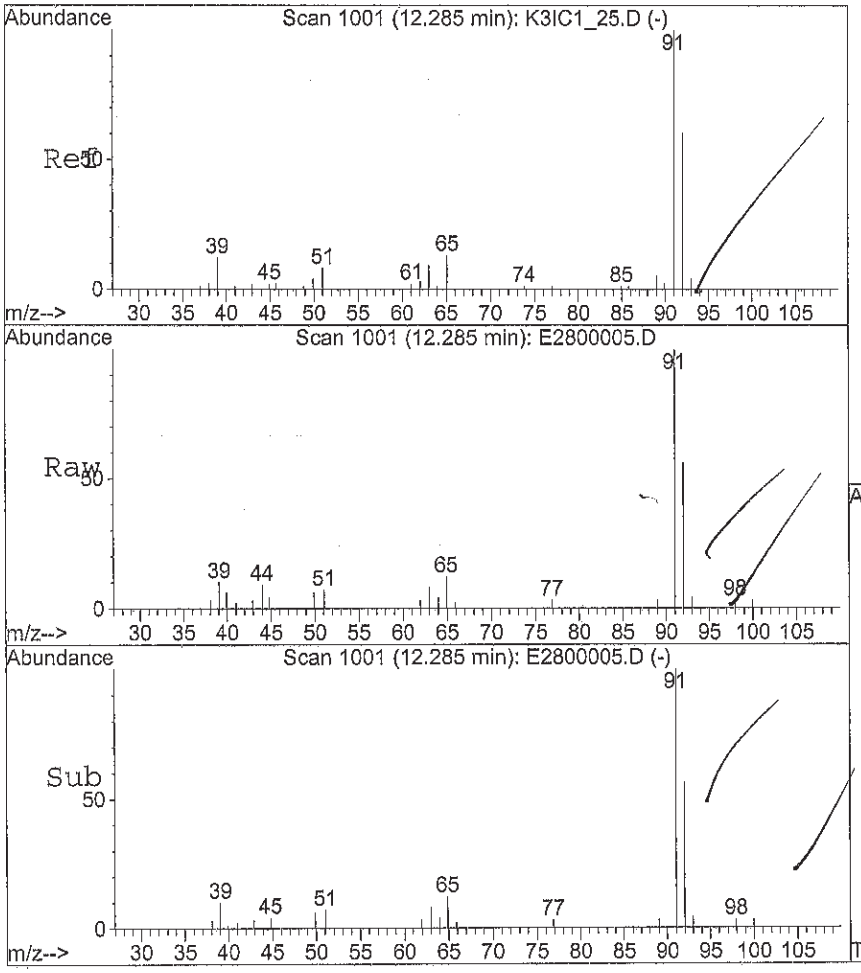


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 3.23 ug/L
RT: 12.20 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 43 Resp: 7946

Ion	Ratio	Lower	Upper
43	100		
58	127.9	0.0	0.0#
85	0.0	0.0	0.0
100	11930.7	0.0	0.0#

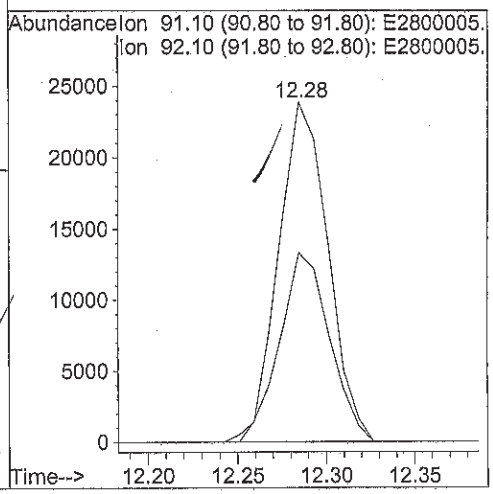


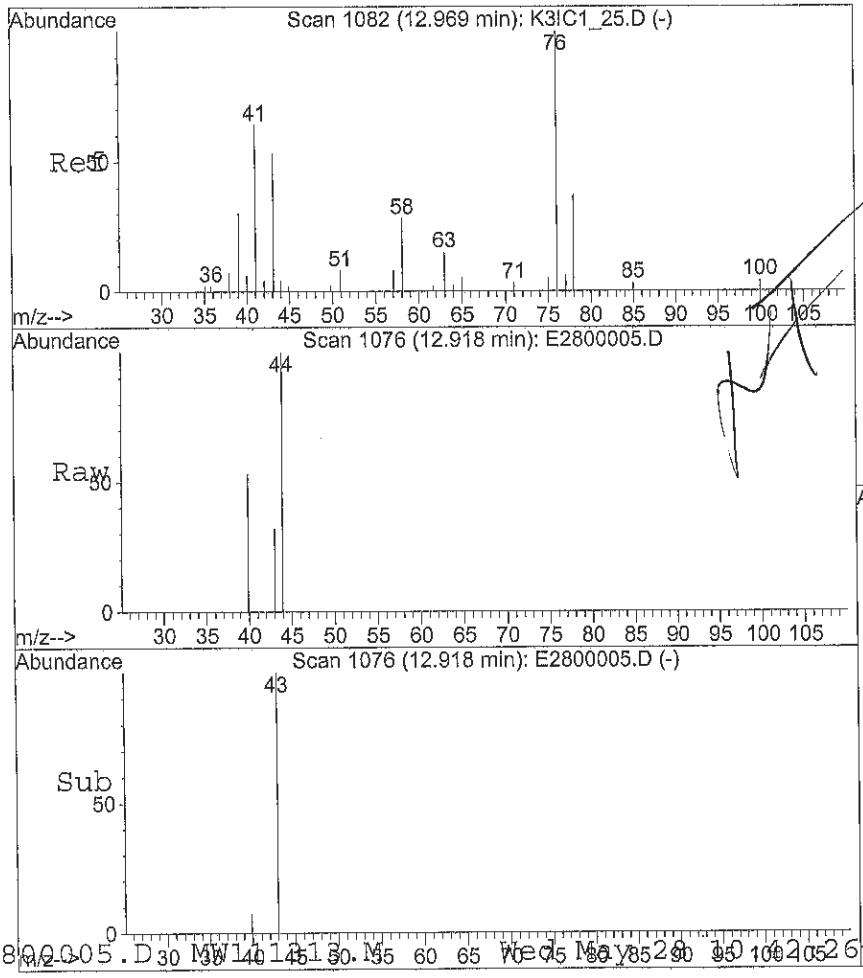


#41
Toluene
Concen: 2.76 ug/L
RT: 12.28 min Scan# 1001
Delta R.T. 0.00 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 91 Resp: 46319

Ion	Ratio	Lower	Upper
91	100		
92	56.2	47.4	71.0

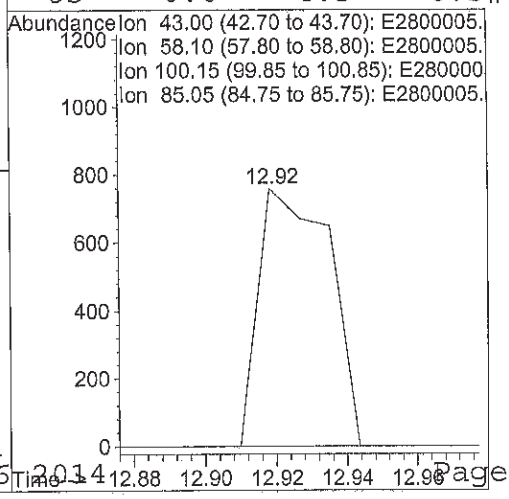


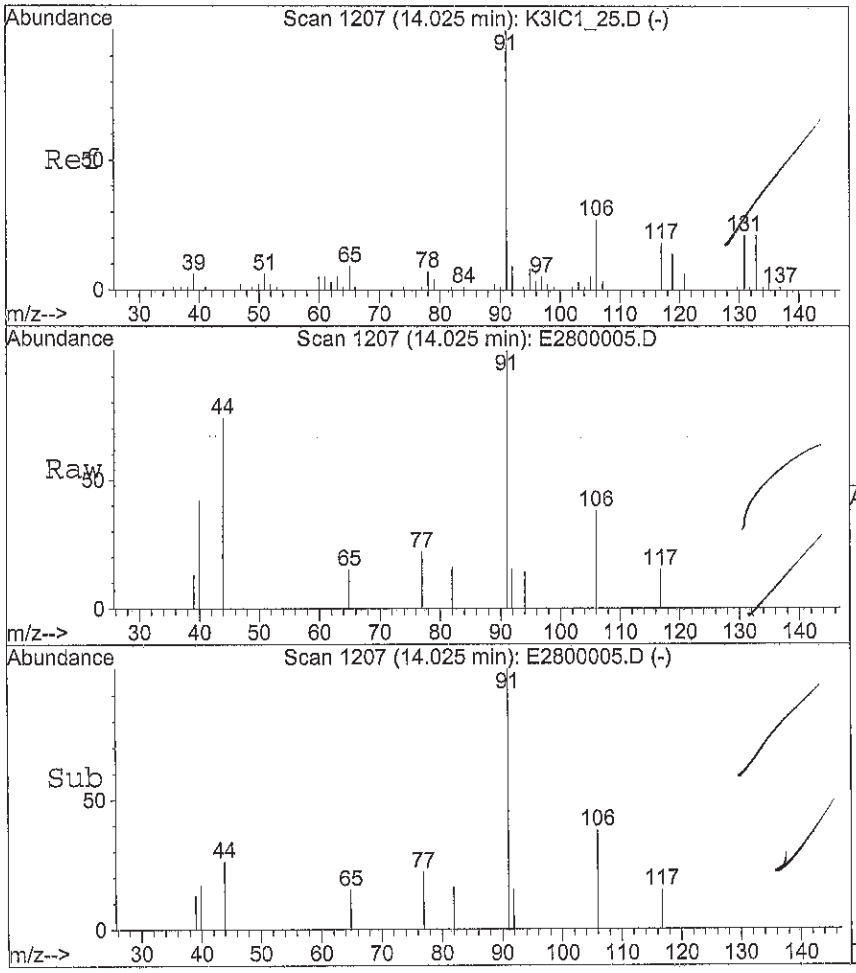


#46
2-Hexanone
Concen: 0.39 ug/L
RT: 12.92 min Scan# 1076
Delta R.T. -0.05 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 43 Resp: 1053

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

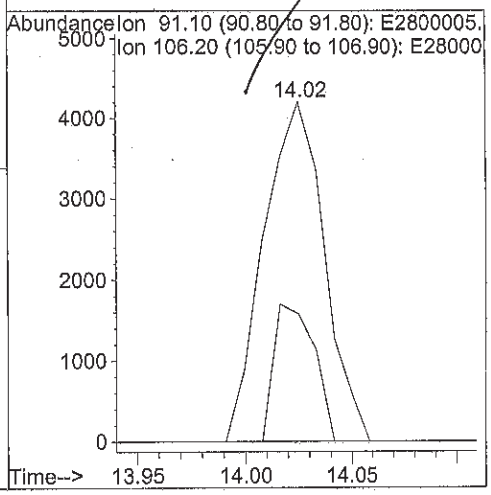


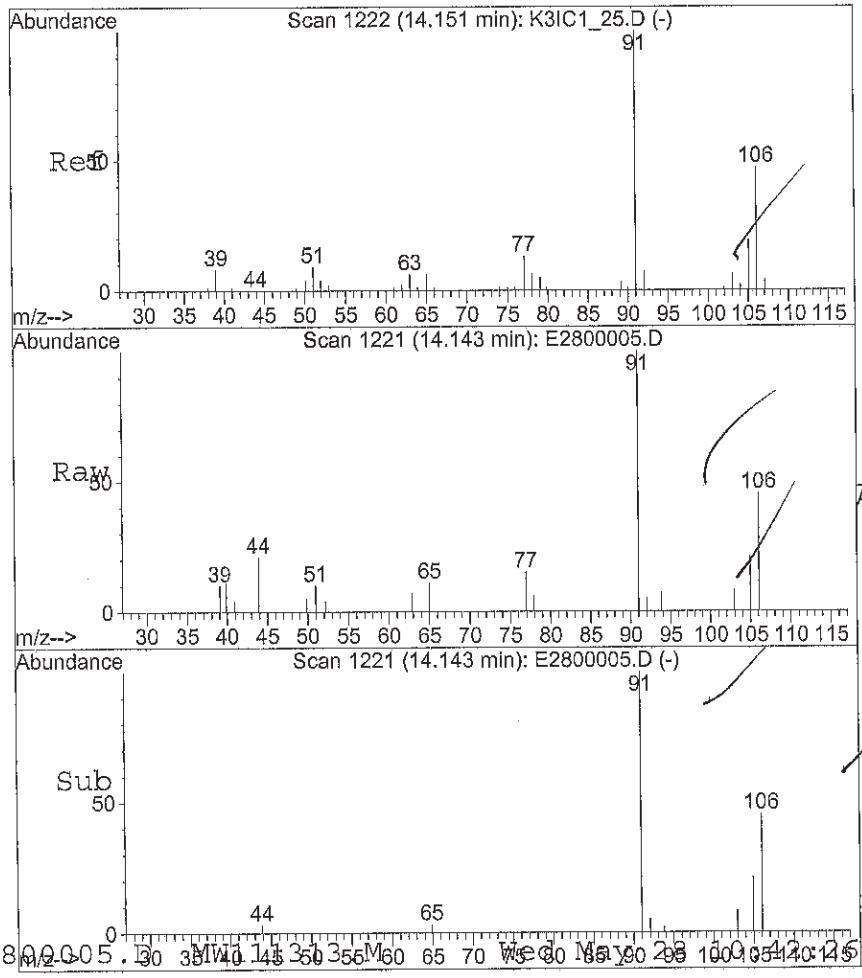


#51
Ethylbenzene
Concen: 0.43 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.00 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 91 Resp: 8269

Ion	Ratio	Lower	Upper
91	100		
106	27.1	23.5	35.3

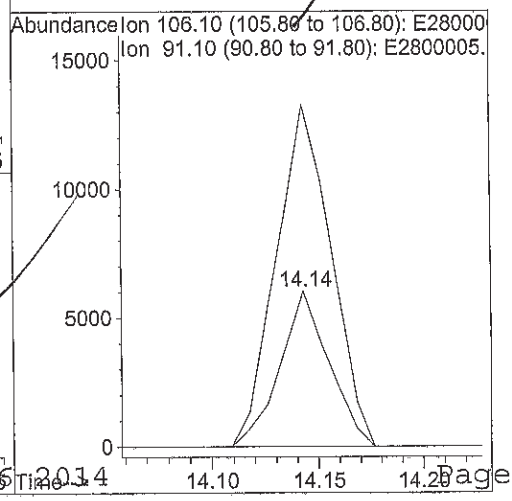


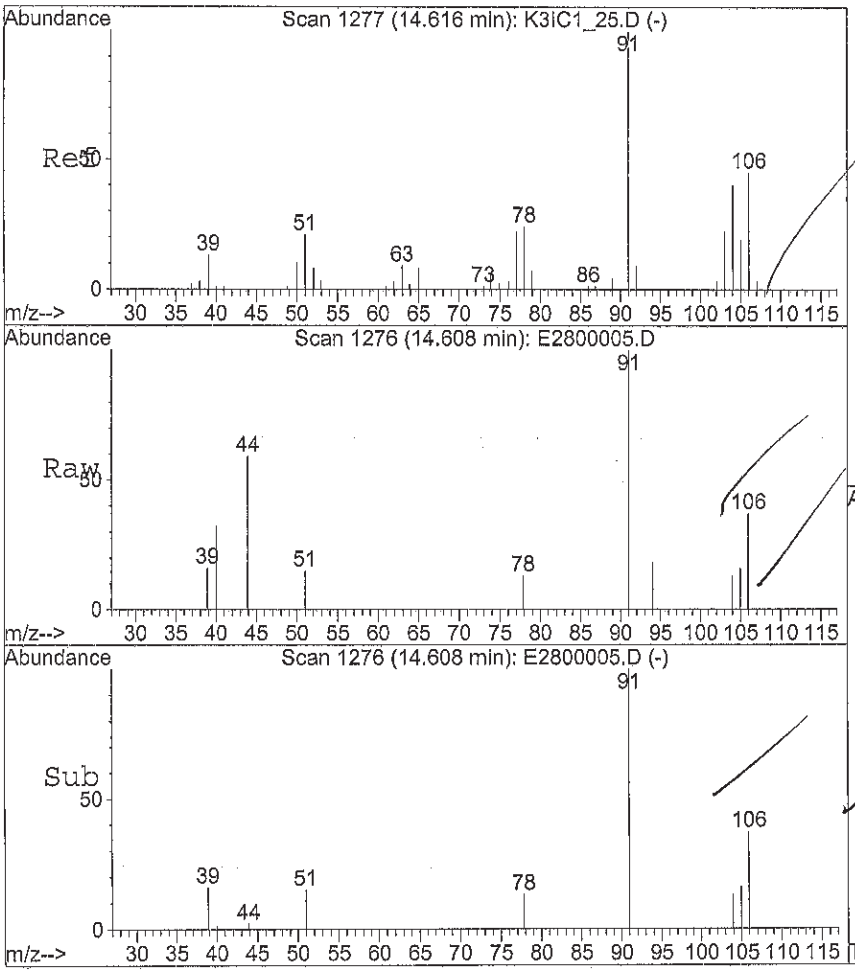


#52
m,p-Xylenes
Concen: 1.42 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion:106 Resp: 9659

Ion	Ratio	Lower	Upper
106	100		
91	246.3	177.1	265.7

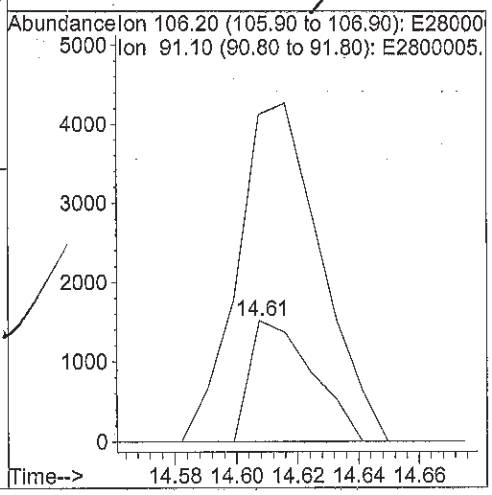


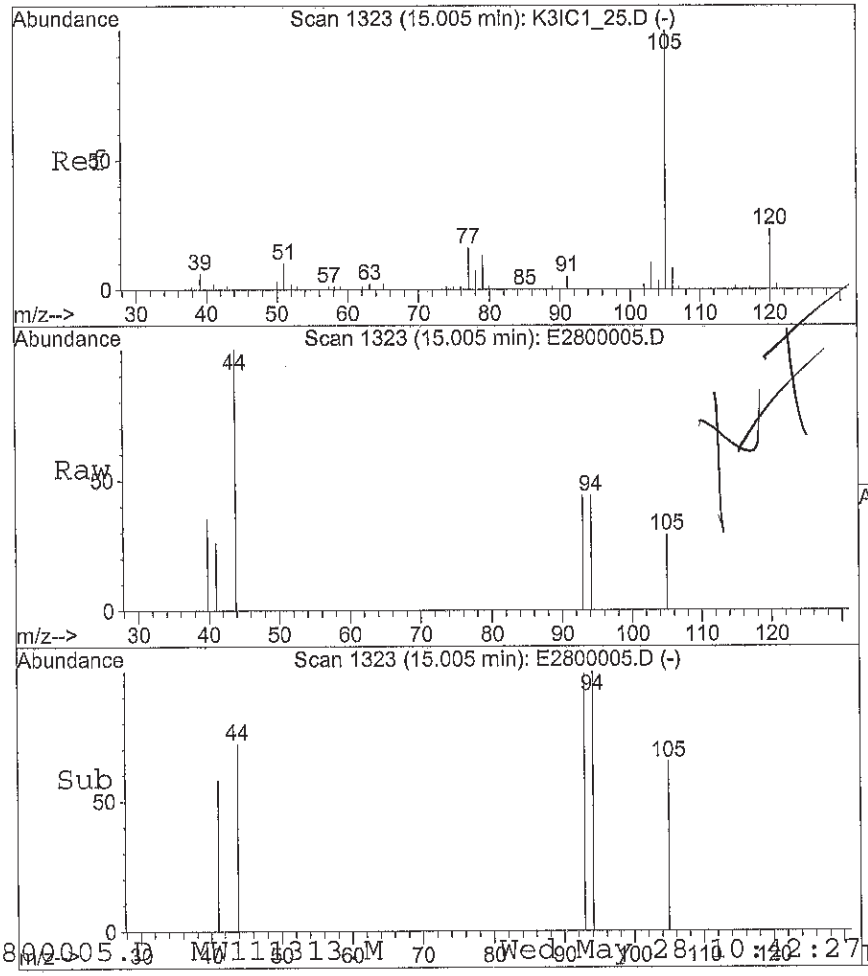


#53
o-Xylene
Concen: 0.32 ug/L
RT: 14.61 min Scan# 1276
Delta R.T. -0.01 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion:106 Resp: 2154

Ion	Ratio	Lower	Upper
106	100		
91	373.6	179.0	268.6#

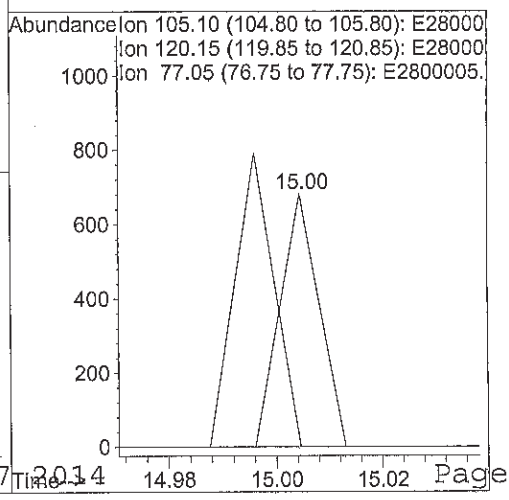


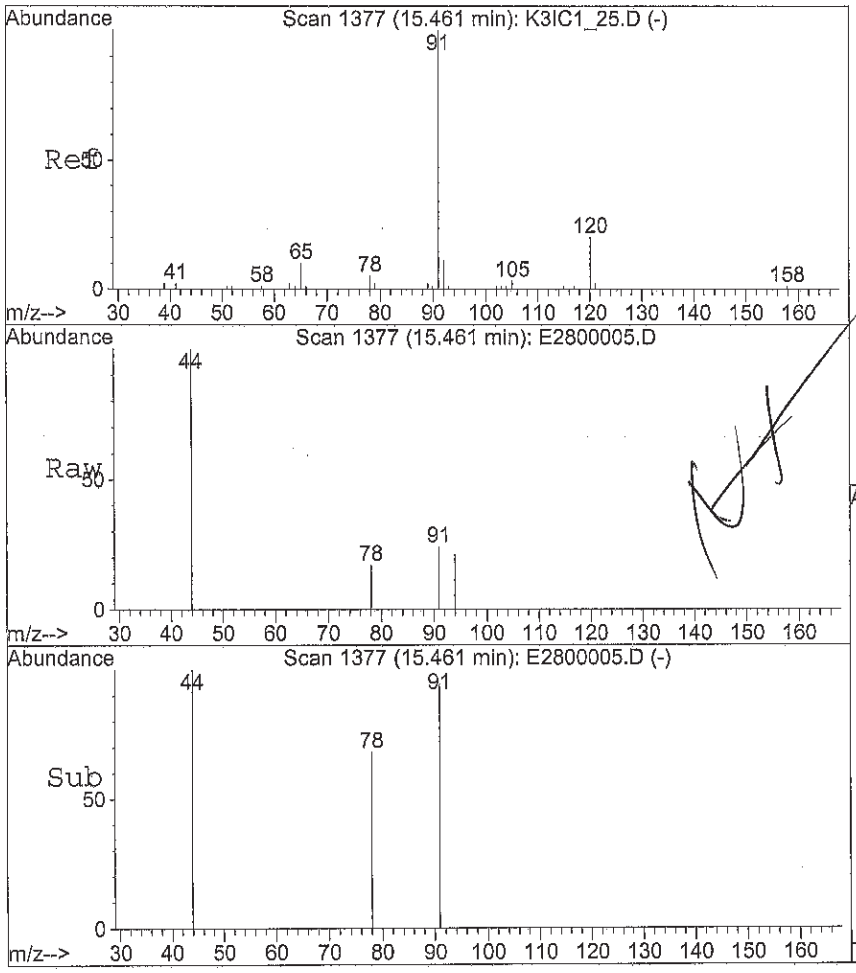


#56
Isopropylbenzene
Concen: 0.02 ug/L
RT: 15.00 min Scan# 1323
Delta R.T. -0.00 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion:105 Resp: 345

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	116.2	13.1	19.7#

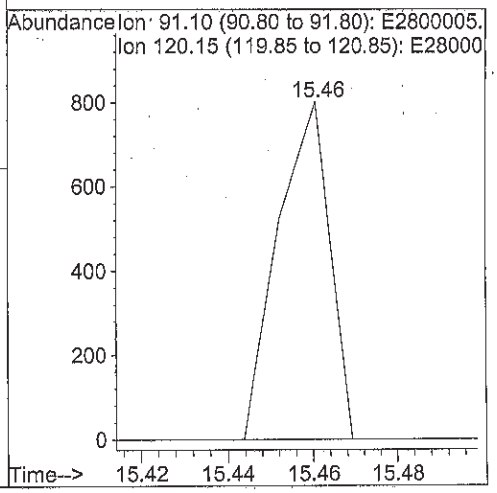


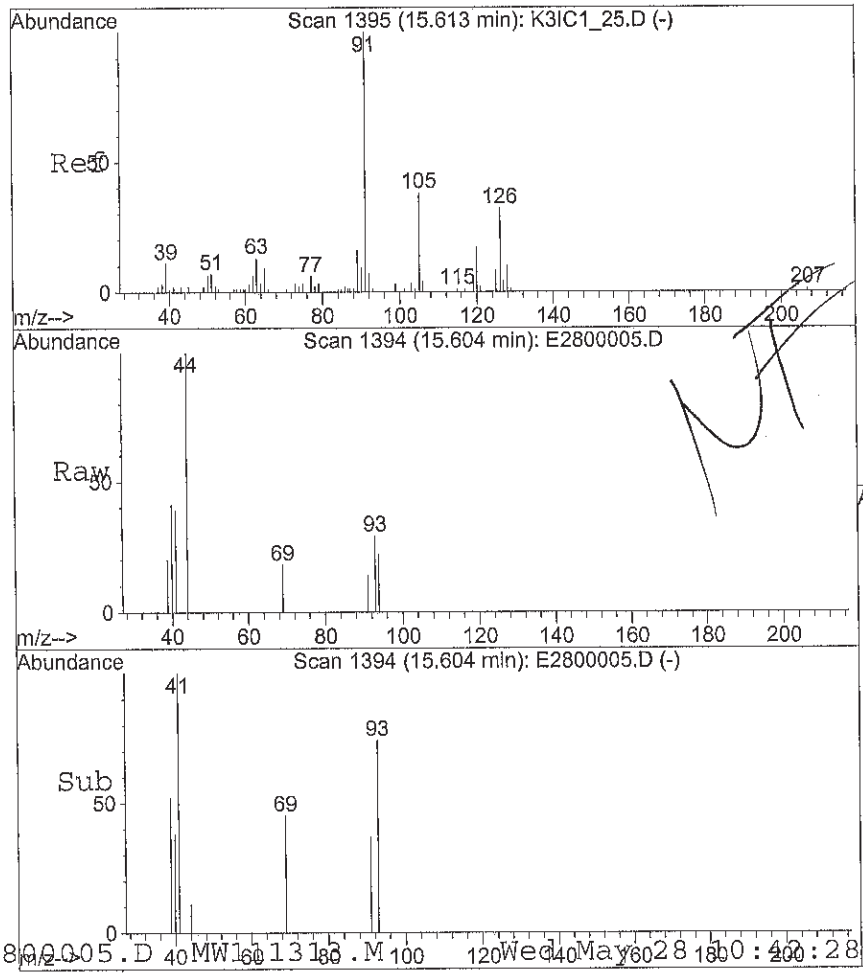


#62
n-Propylbenzene
Concen: 0.02 ug/L
RT: 15.46 min Scan# 1377
Delta R.T. -0.00 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 91 Resp: 672

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

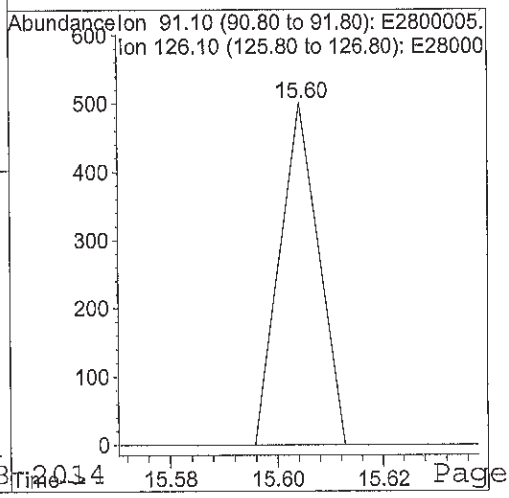


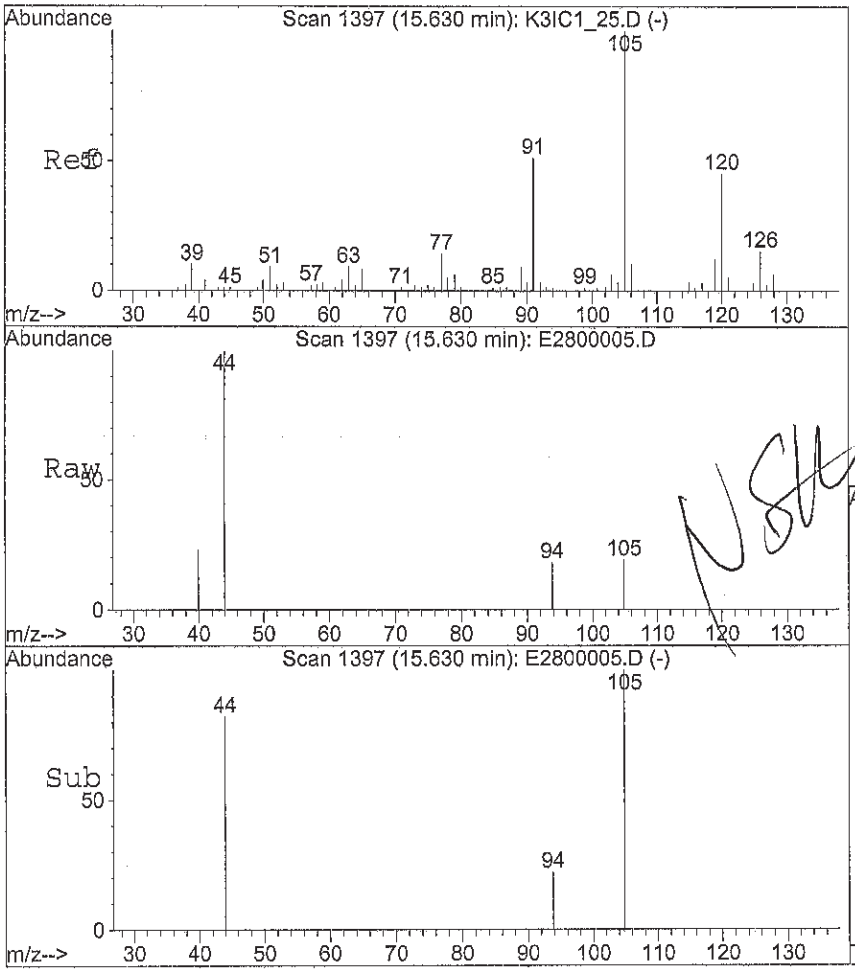


#63
2-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.60 min Scan# 1394
Delta R.T. -0.01 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 91 Resp: 254

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

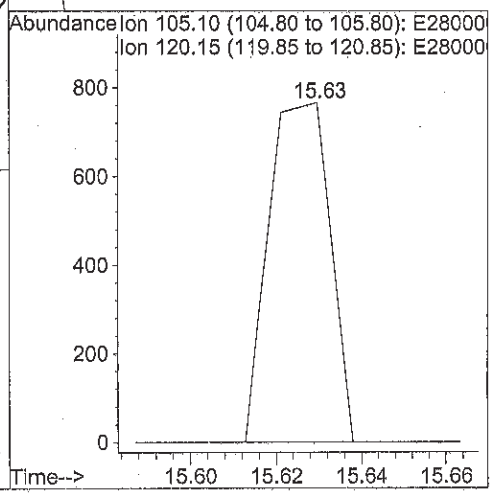


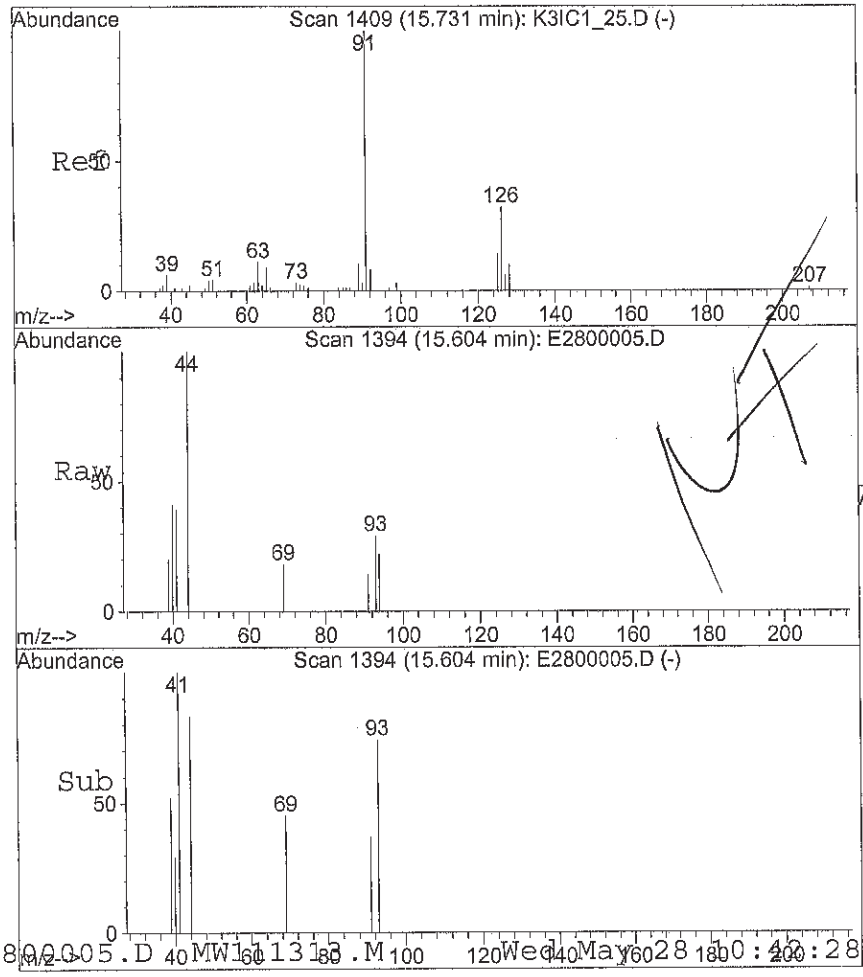


#64
1,3,5-Trimethylbenzene
Concen: 0.05 ug/L
RT: 15.63 min Scan# 1397
Delta R.T. -0.00 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion:105 Resp: 765

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.4	54.6#

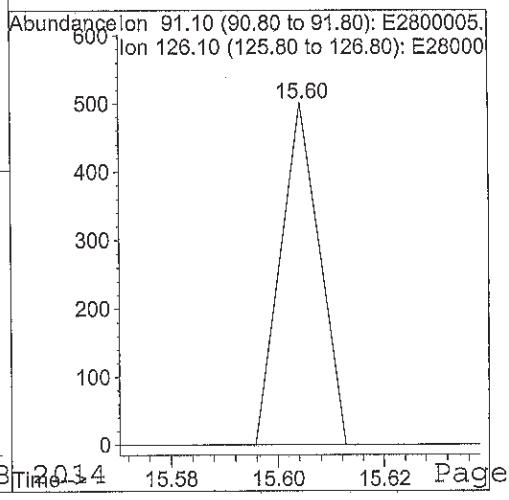


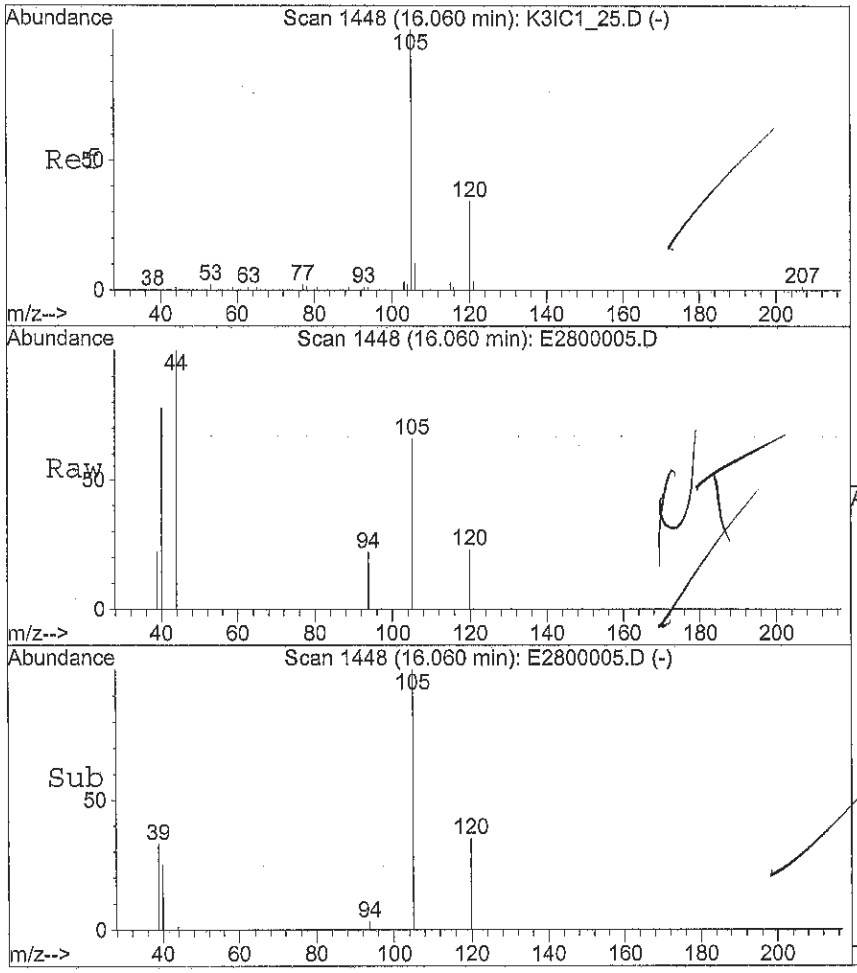


#65
4-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.60 min Scan# 1394
Delta R.T. -0.13 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion: 91 Resp: 254

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.6	36.8#

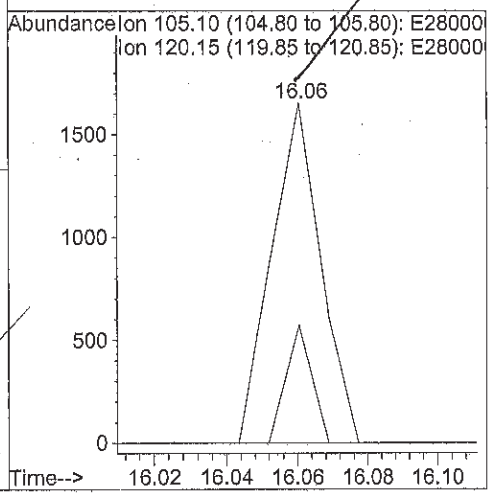


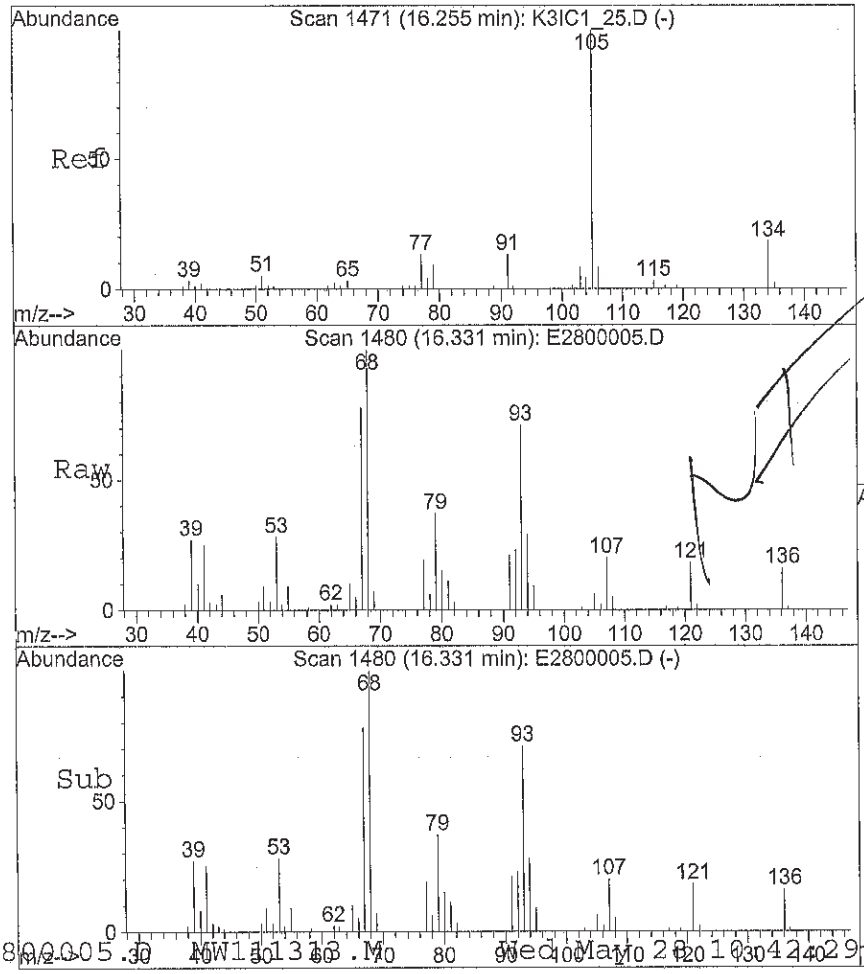


#67
1,2,4-Trimethylbenzene
Concen: 0.09 ug/L
RT: 16.06 min Scan# 1448
Delta R.T. -0.00 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion:105 Resp: 1584

Ion	Ratio	Lower	Upper
105	100		
120	18.3	33.8	50.8#

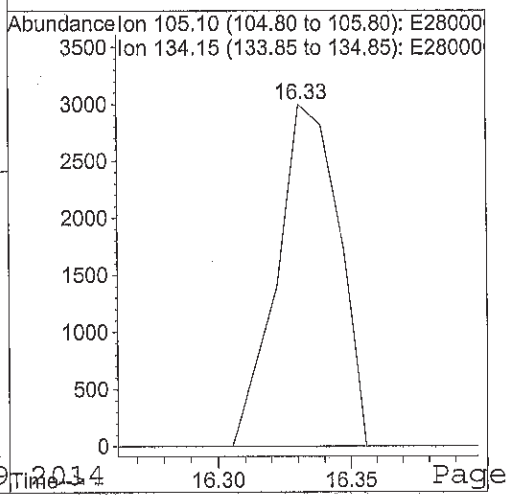


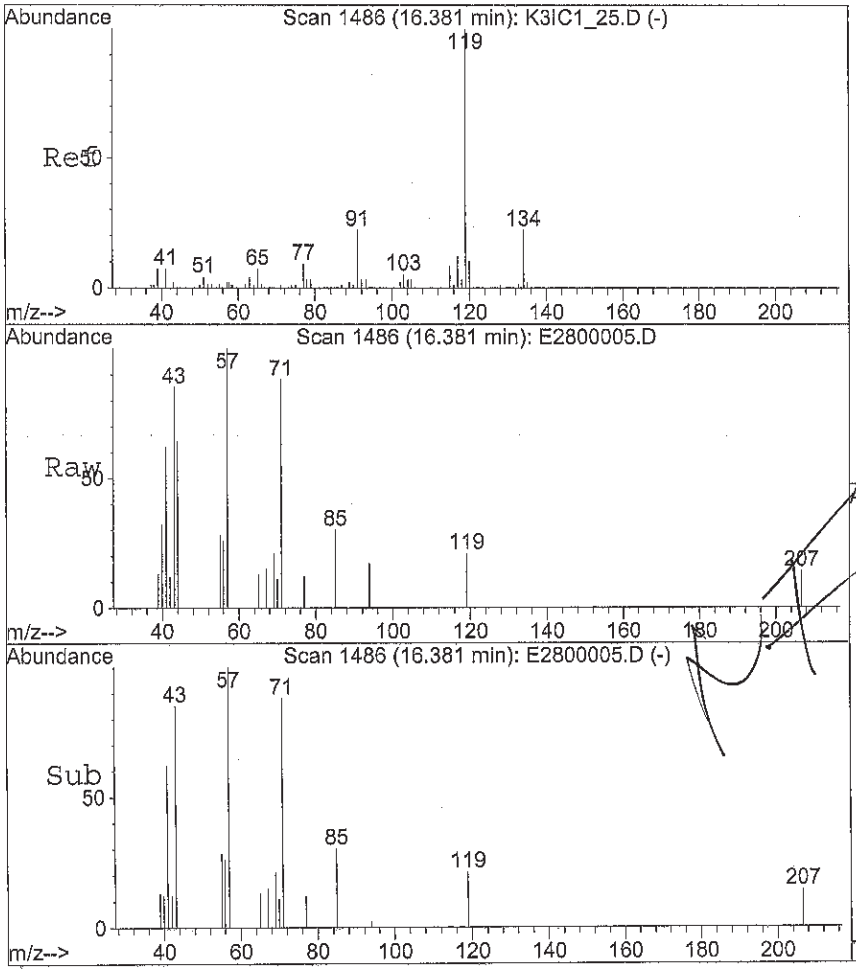


#68
sec-Butylbenzene
Concen: 0.22 ug/L
RT: 16.33 min Scan# 1480
Delta R.T. 0.08 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion:105 Resp: 4882

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

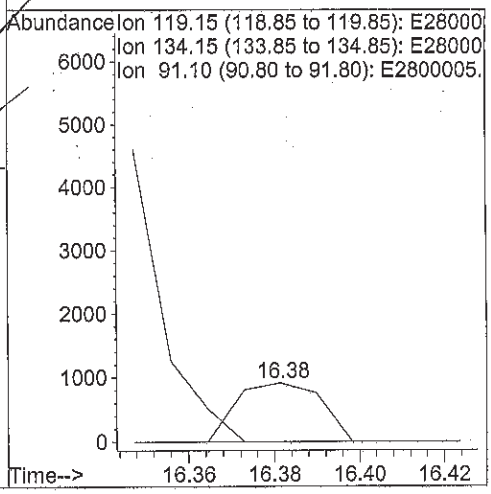




#69
p-Isopropyltoluene
Concen: 0.07 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.00 min
Lab File: E2800005.D
Acq: 28 May 2014 10:19 am

Tgt Ion:119 Resp: 1255

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800005.D Vial: 4
Acq On : 28 May 2014 10:19 am Operator: DN
Sample : 3E42801-04 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-12.5-13.8 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:41 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1591812	12.50	ug/L	-0.02
7) Chlorobenzene-d5 (IS)	13.91	117	1232045	12.50	ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.51	152	673028	12.50	ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	445744	10.77	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 86.16%			
3) Chloroform-d (SU6)	9.18	84	720165	12.12	ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 96.96%			
4) Methylene Chloride-d2 (SU5	7.06	86	409978	11.81	ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 94.48%			
5) 1,2-Dichloroethane-d4 (SU2	9.89	65	442549	15.64	ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 125.12%#			
6) Benzene-d6 (SU7)	9.93	84	1359515	10.88	ug/L	-0.02
Spiked Amount 12.500	Range 70 - 140		Recovery = 87.04%			
8) Toluene-d8 (SU3)	12.21	98	1397374	11.95	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 95.60%			
9) 4-Bromofluorobenzene (SU4)	15.22	95	685176	14.20	ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 113.60%			

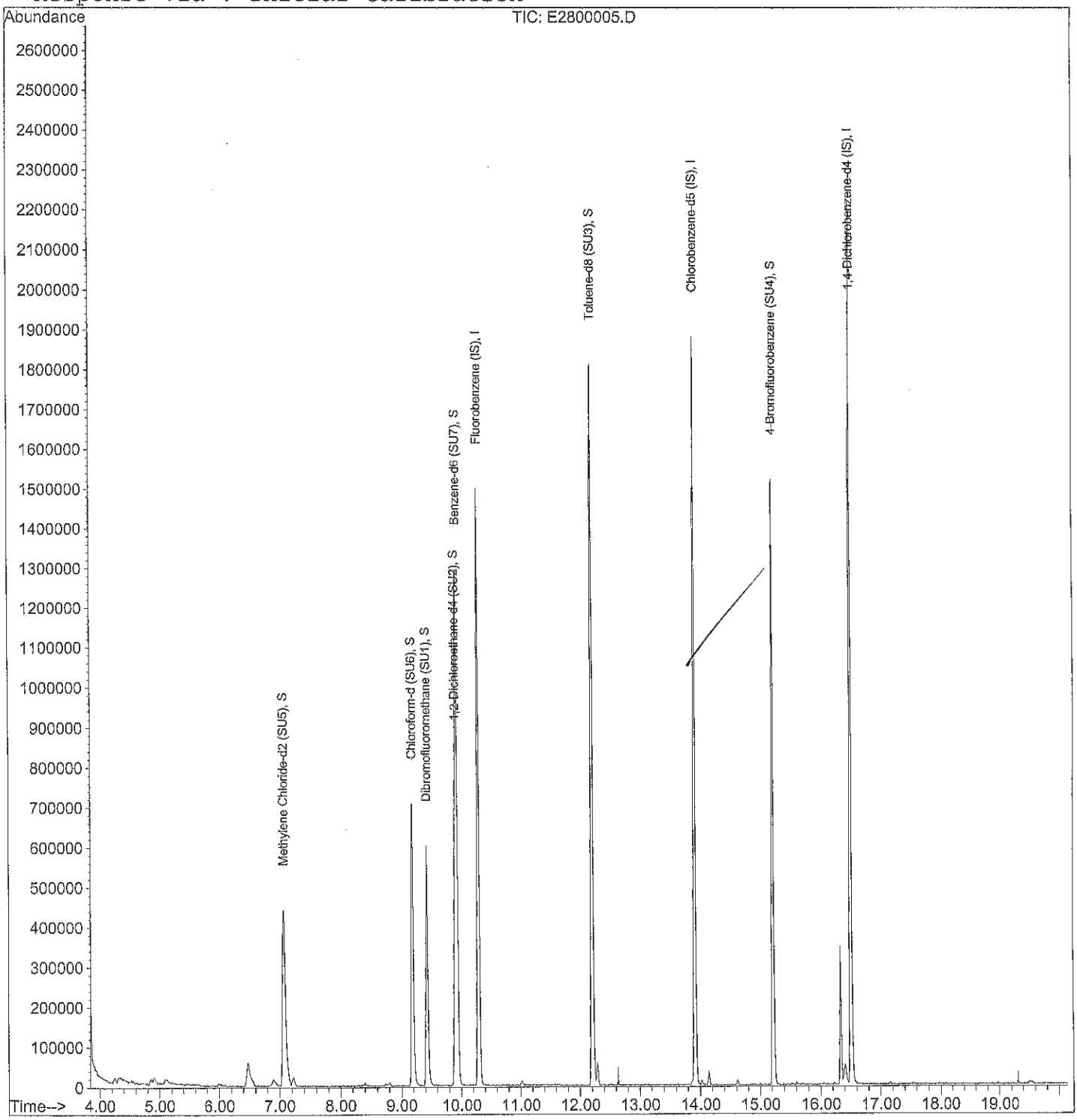
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800005.D Vial: 4
Acq On : 28 May 2014 10:19 am Operator: DN
Sample : 3E42801-04 Inst : GC/MS Ins
Misc : 100cc SVL-515-SA5D-SV-12.5-13.8 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 10:41 19114 Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800006.D
Acq On : 28 May 2014 10:47 am
Sample : 3E42801-05
Misc : 100cc SVL-511-SA5D-SV-4.5-5.5
MS Integration Params: rteint.p
Quant Time: May 28 11:34 19114

Vial: 5
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1624445	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1300399	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	693251	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	464182	11.46 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	91.68%	
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	459490	11.93 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	95.44%	
39) Toluene-d8 (SU3)	12.21	98	1455888	12.00 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	96.00%	
58) 4-Bromofluorobenzene (SU4)	15.22	95	697818	13.12 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery =	104.96%	

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.12	85	351	0.09 ~~ug/L #~~ NSL	44
4) Chloromethane	4.40	50	2784	-0.20 ~~ug/L #~~	41
6) Bromomethane	5.08	96	2262	-0.51 ~~ug/L #~~	1
7) Chloroethane	5.25	64	1048	1.46 ug/L #	78
11) Acetone	6.46	58	4246	1.63 ~~ug/L #~~	54
12) (IPA) Leak Check Compound	6.48	45	153790	787.86 ~~ug/L #~~	84
14) Methylene Chloride	7.07	84	5413	1.21 ~~ug/L #~~	1
15) (TBA) tert-Butanol	6.89	59	2736	9.87 ~~ug/L #~~	77
24) Chloroform	9.21	83	2159	0.25 ~~ug/L~~ NSL	85
29) 1,1-Dichloropropene	9.93	75	259	0.04 ~~ug/L #~~	1
31) Benzene	9.98	78	697	0.05 ~~ug/L #~~	59
32) 1,2-Dichloroethane	9.92	62	6872	1.27 ~~ug/L #~~	1
40) (MIBK) 4-Methyl-2-Pentanon	12.20	43	8293	3.20 ~~ug/L #~~	100
41) Toluene	12.29	91	3128	0.18 ug/L 0.0036	90
46) 2-Hexanone	12.92	43	4327	1.52 ~~ug/L #~~	37
49) Chlorobenzene	13.95	112	295	0.02 ~~ug/L #~~	28
51) Ethylbenzene	14.02	91	698	0.03 ~~ug/L #~~	45
53) o-Xylene	14.60	106	296	0.04 ug/L 0.0008	92
54) Styrene	14.62	104	1569	-0.72 ~~ug/L #~~	60
56) Isopropylbenzene	15.22	105	634	0.03 ~~ug/L #~~	1
62) n-Propylbenzene	15.21	91	1863	0.07 ~~ug/L #~~	56
67) 1,2,4-Trimethylbenzene	16.15	105	290	0.02 ~~ug/L #~~	33

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800006.D Vial: 5
Acq On : 28 May 2014 10:47 am Operator: DN
Sample : 3E42801-05 Inst : GC/MS Ins
Misc : 100cc SVL-511-SA5D-SV-4.5-5.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 11:34 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

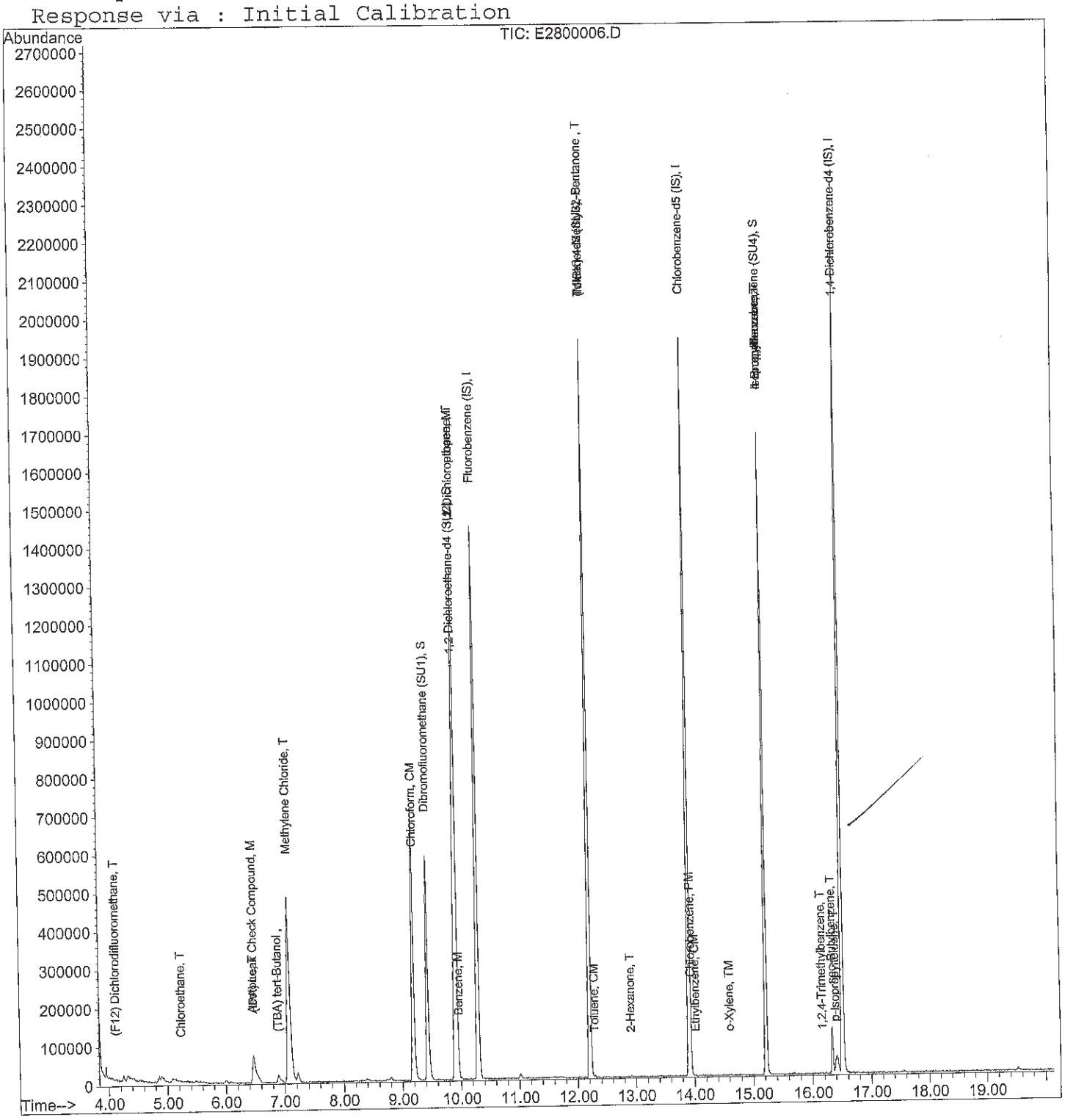
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68) sec-Butylbenzene	16.34	105	1737	0.07 ~~ug/L #~~	62
69) p-Isopropyltoluene	16.38	119	714	0.04 ~~ug/L #~~	52

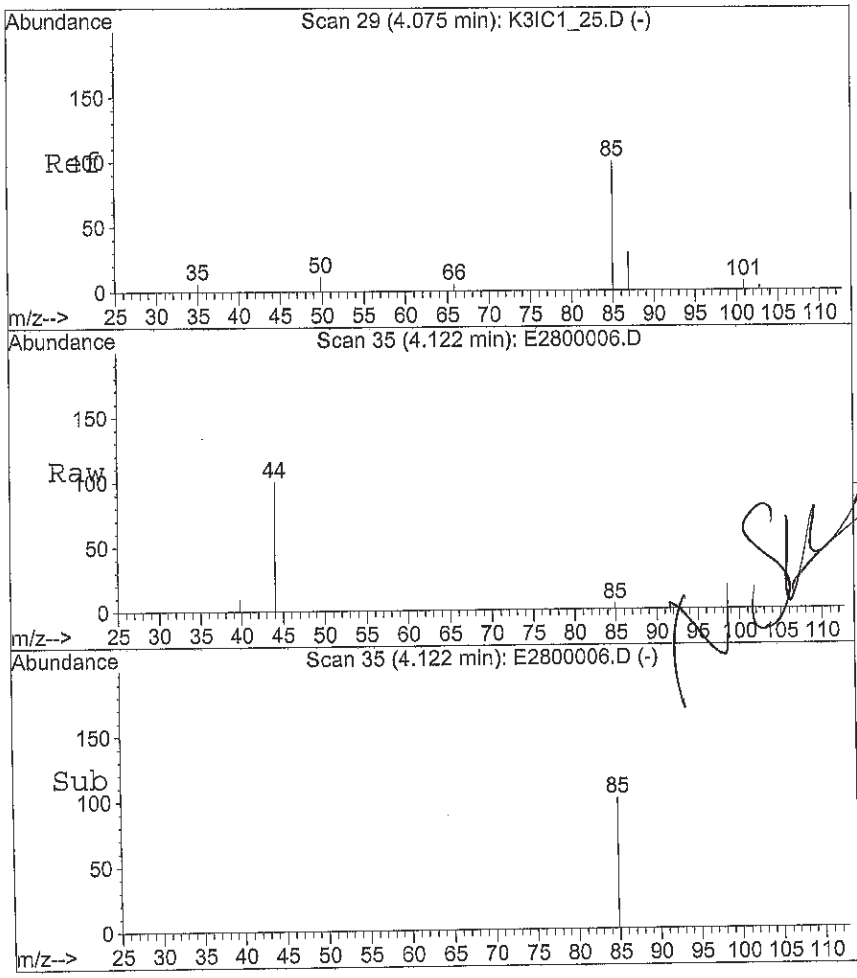
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800006.D Vial: 5
Acq On : 28 May 2014 10:47 am Operator: DN
Sample : 3E42801-05 Inst : GC/MS Ins
Misc : 100cc SVL-511-SA5D-SV-4.5-5.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 11:34 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

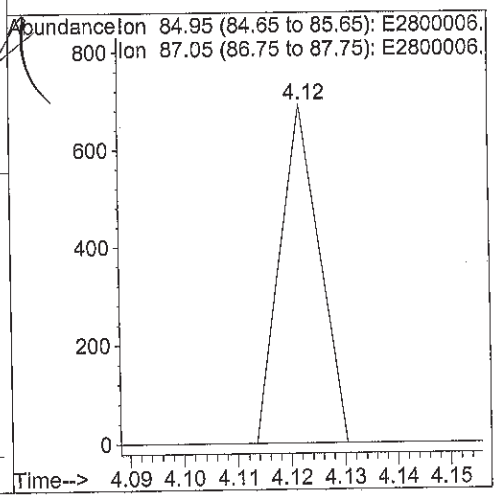


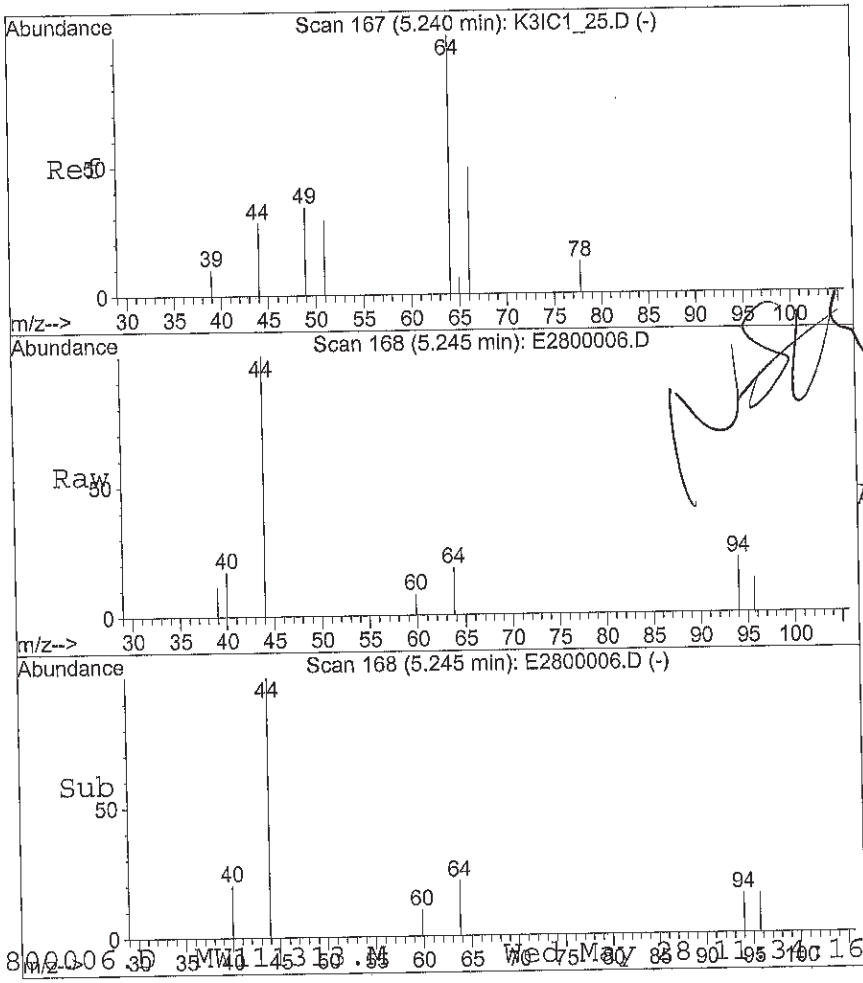


#3
(F12) Dichlorodifluoromethane
Concen: 0.09 ug/L
RT: 4.12 min Scan# 35
Delta R.T. 0.05 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 85 Resp: 351

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.6	37.0#

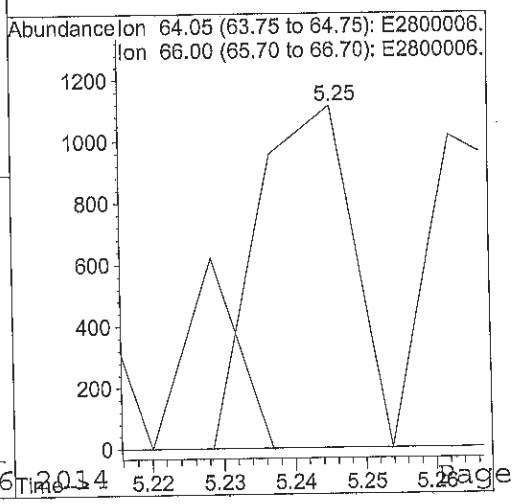


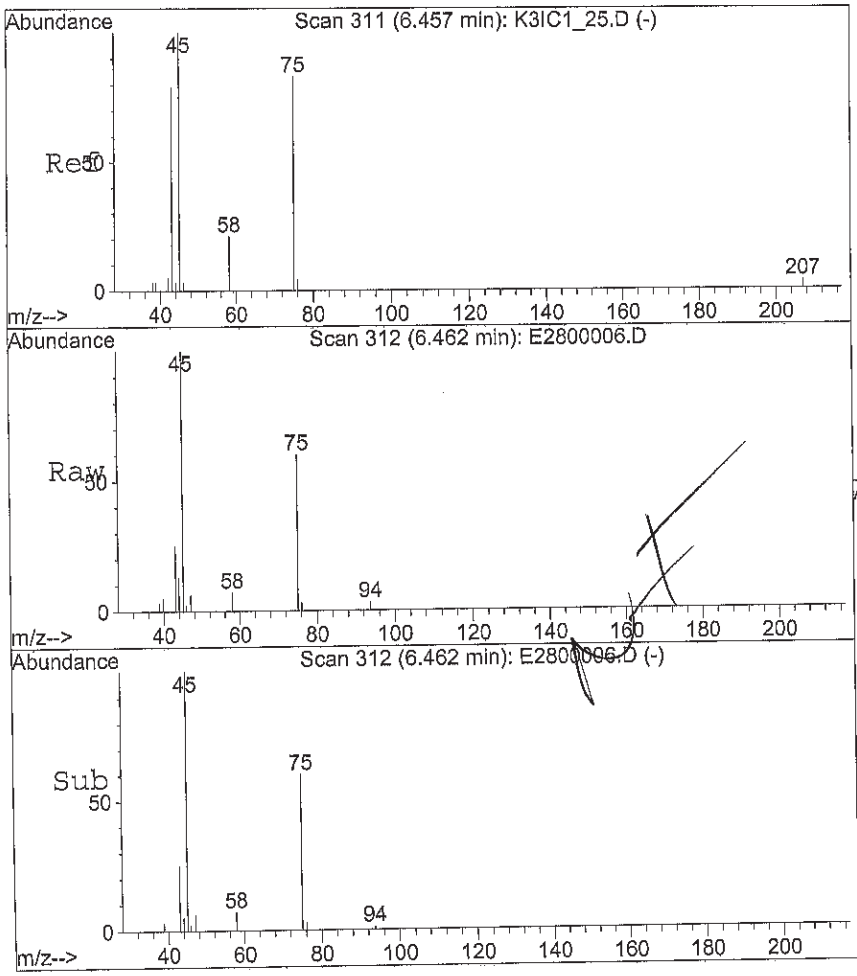


#7
Chloroethane
Concen: 1.46 ug/L
RT: 5.25 min Scan# 168
Delta R.T. 0.01 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 64 Resp: 1048

Ion	Ratio	Lower	Upper
64	100		
66	30.1	35.4	53.0#

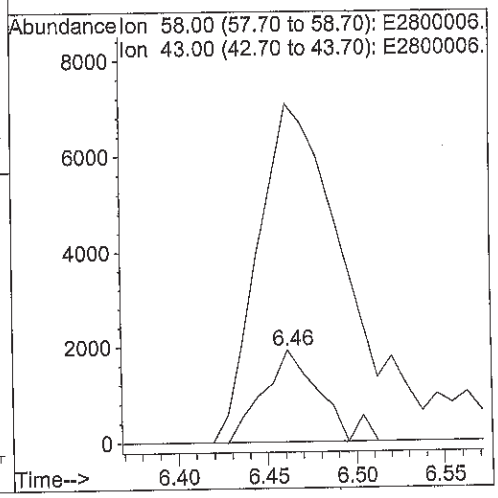


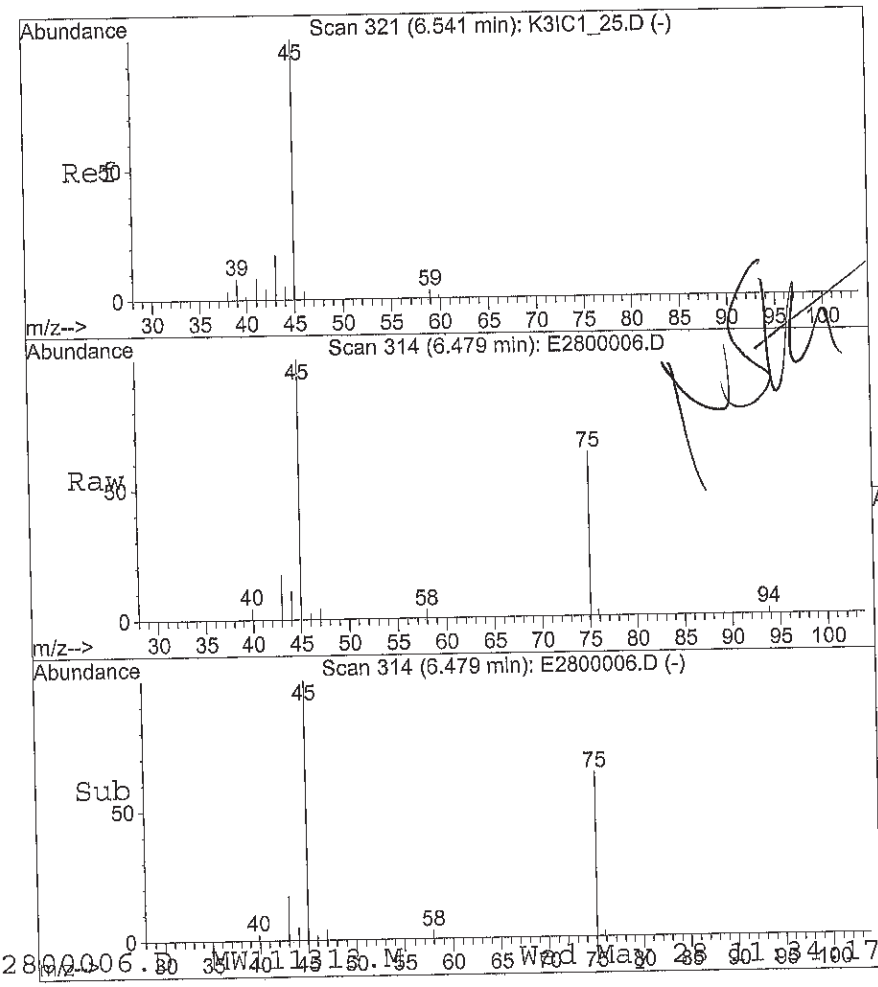


#11
Acetone
Concen: 1.63 ug/L
RT: 6.46 min Scan# 312
Delta R.T. 0.01 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 58 Resp: 4246

Ion	Ratio	Lower	Upper
58	100		
43	570.4	360.9	541.3#

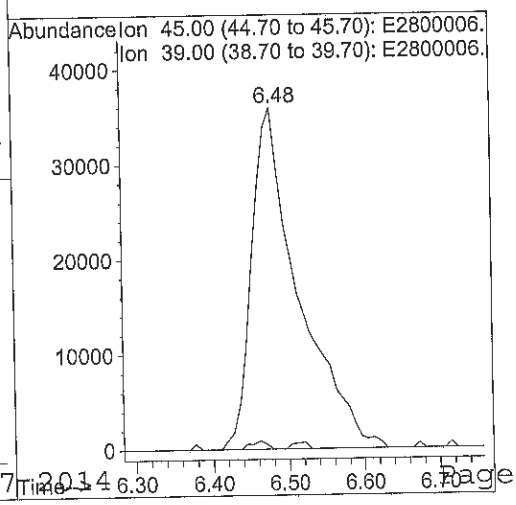


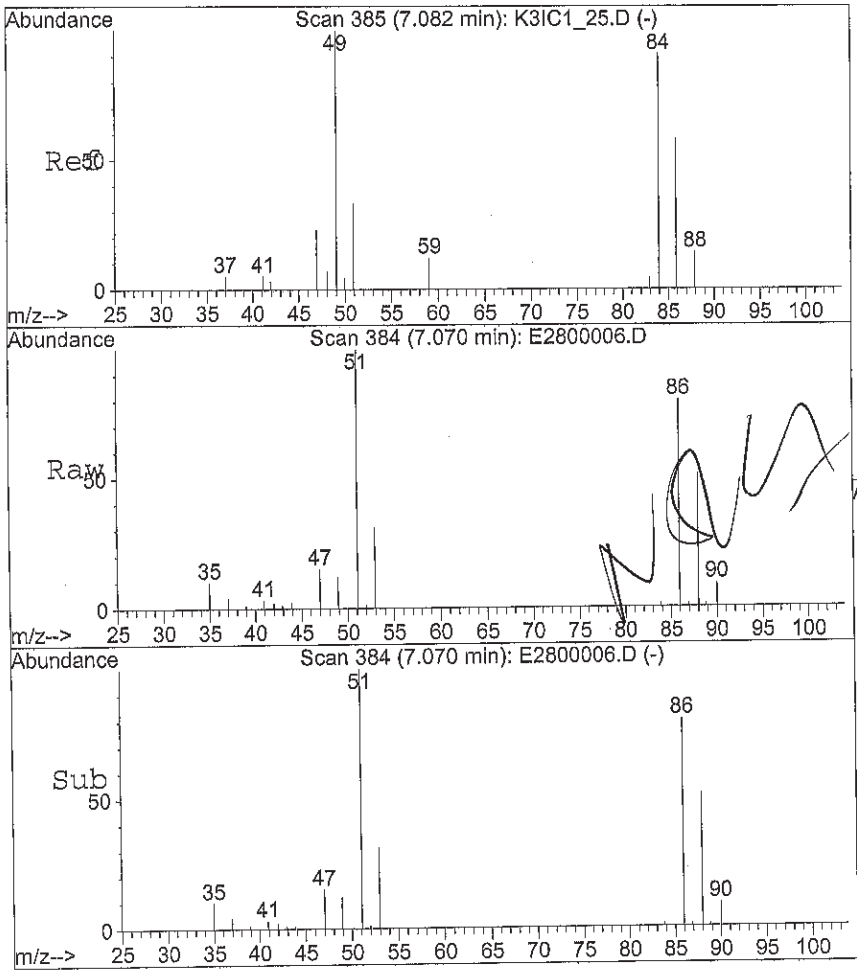


#12
(IPA) Leak Check Compound
Concen: 787.86 ug/L
RT: 6.48 min Scan# 314
Delta R.T. -0.06 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 45 Resp: 153790

Ion	Ratio	Lower	Upper
45	100		
39	0.8	4.9	7.3#

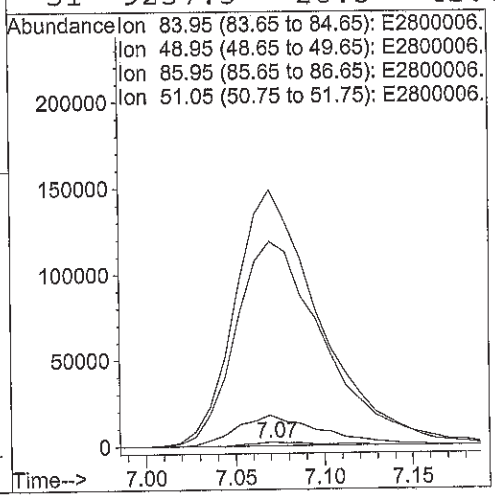


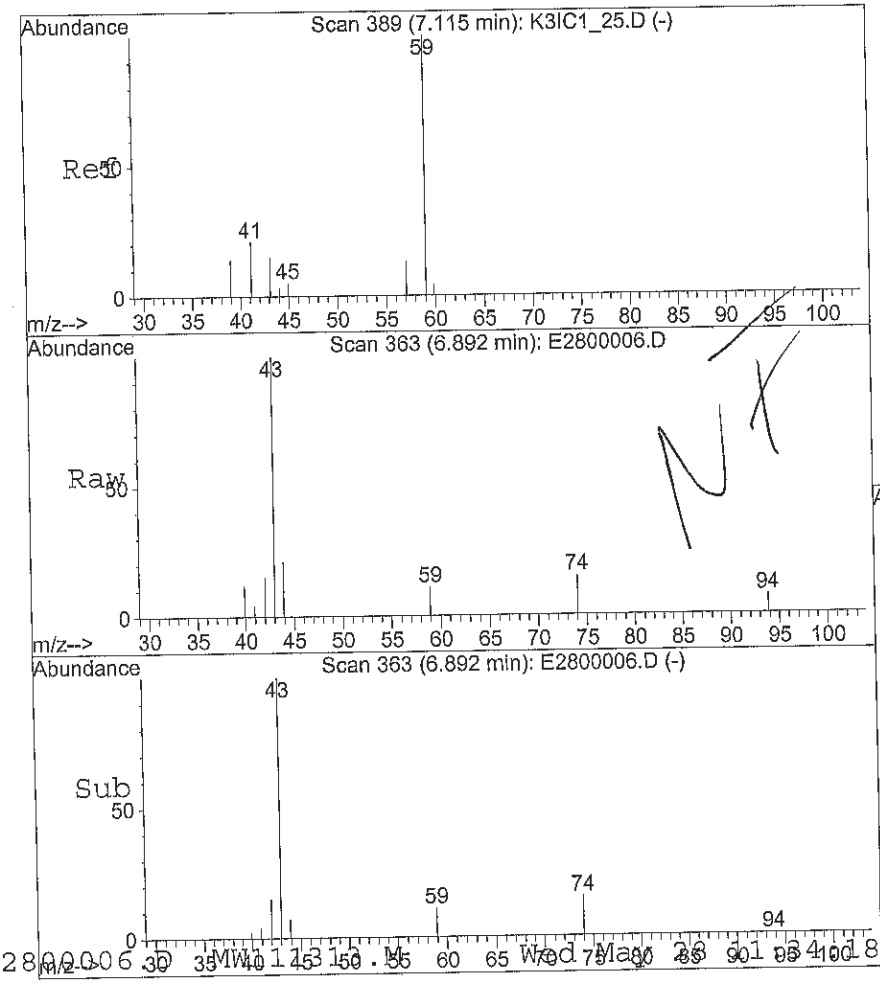


#14
Methylene Chloride
Concen: 1.21 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 84 Resp: 5413

Ion	Ratio	Lower	Upper
84	100		
49	1076.5	89.8	134.6#
86	7685.5	51.1	76.7#
51	9237.3	28.5	42.7#

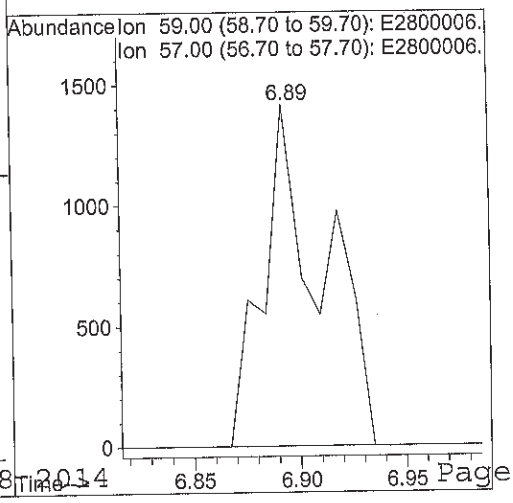


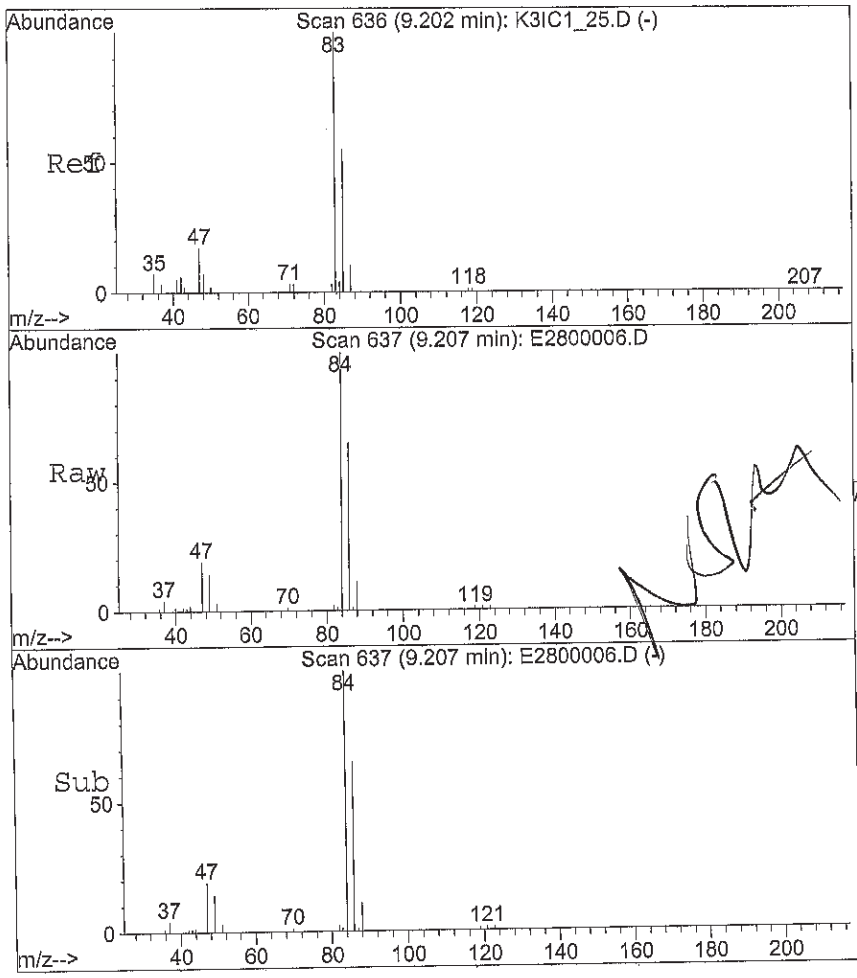


#15
(TBA) tert-Butanol
Concen: 9.87 ug/L
RT: 6.89 min Scan# 363
Delta R.T. -0.22 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 59 Resp: 2736

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

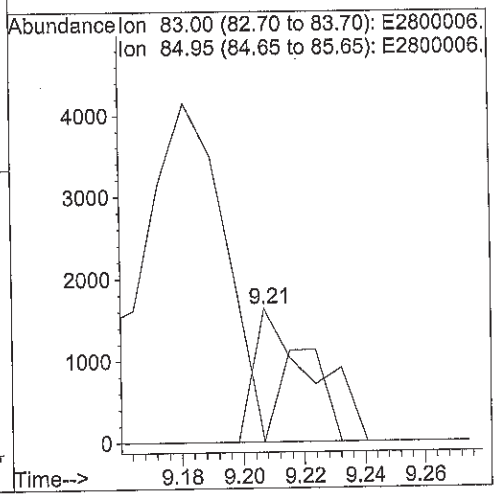


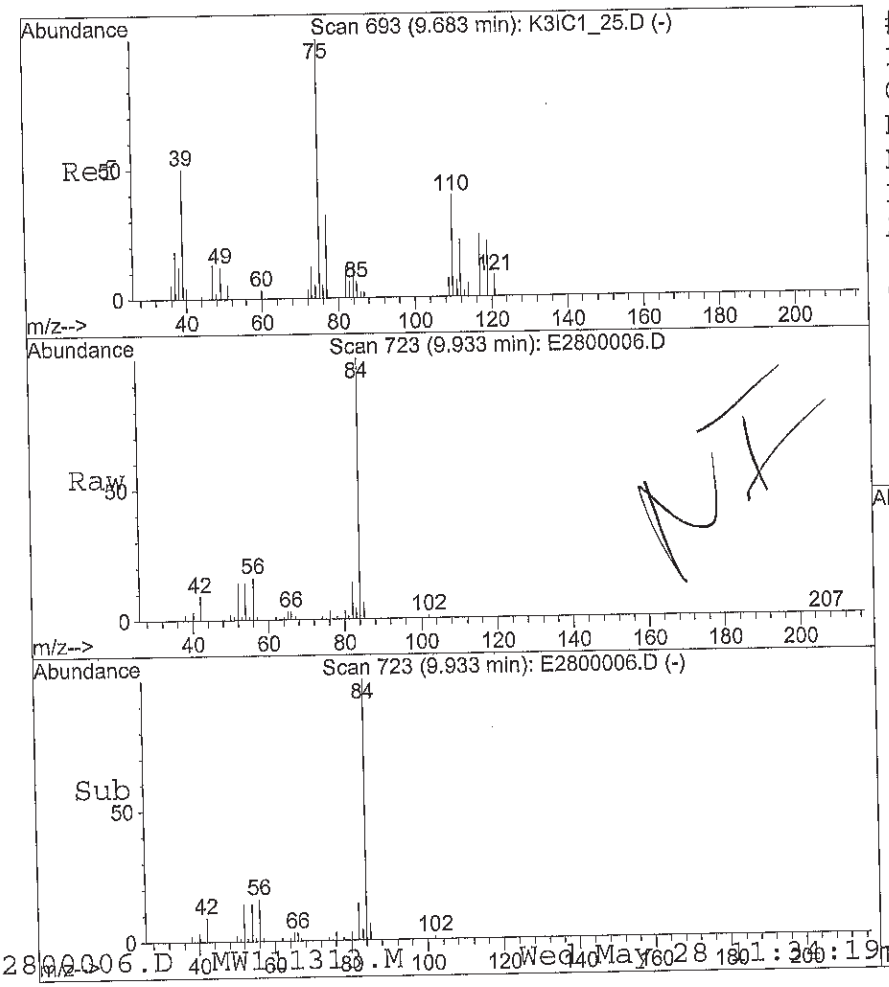


#24
Chloroform
Concen: 0.25 ug/L
RT: 9.21 min Scan# 637
Delta R.T. 0.01 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 83 Resp: 2159

Ion	Ratio	Lower	Upper
83	100		
85	52.7	51.8	77.6

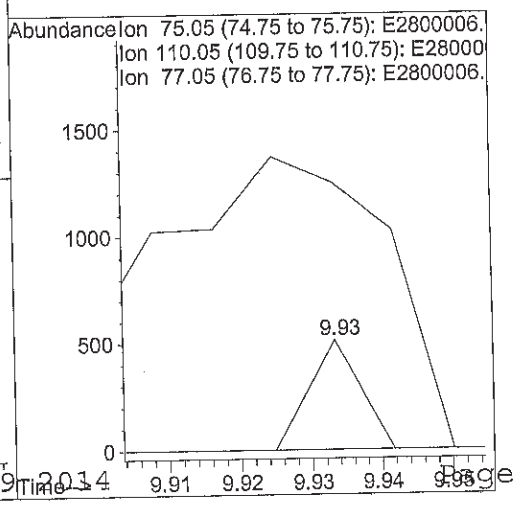


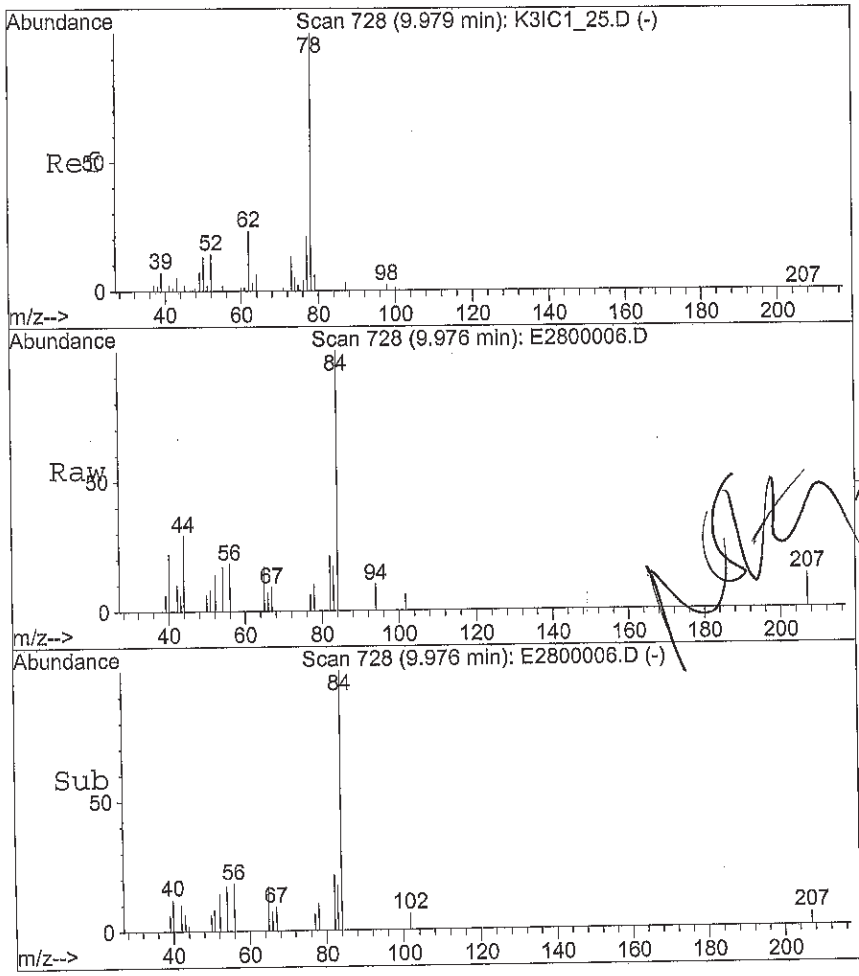


#29
1,1-Dichloropropene
Concen: 0.04 ug/L
RT: 9.93 min Scan# 723
Delta R.T. 0.25 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 75 Resp: 259

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	1225.9	25.0	37.4#

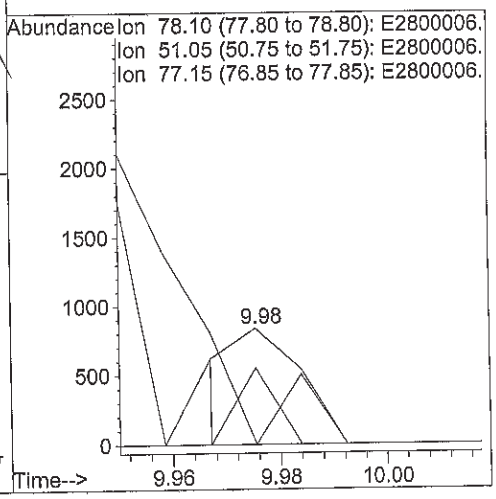


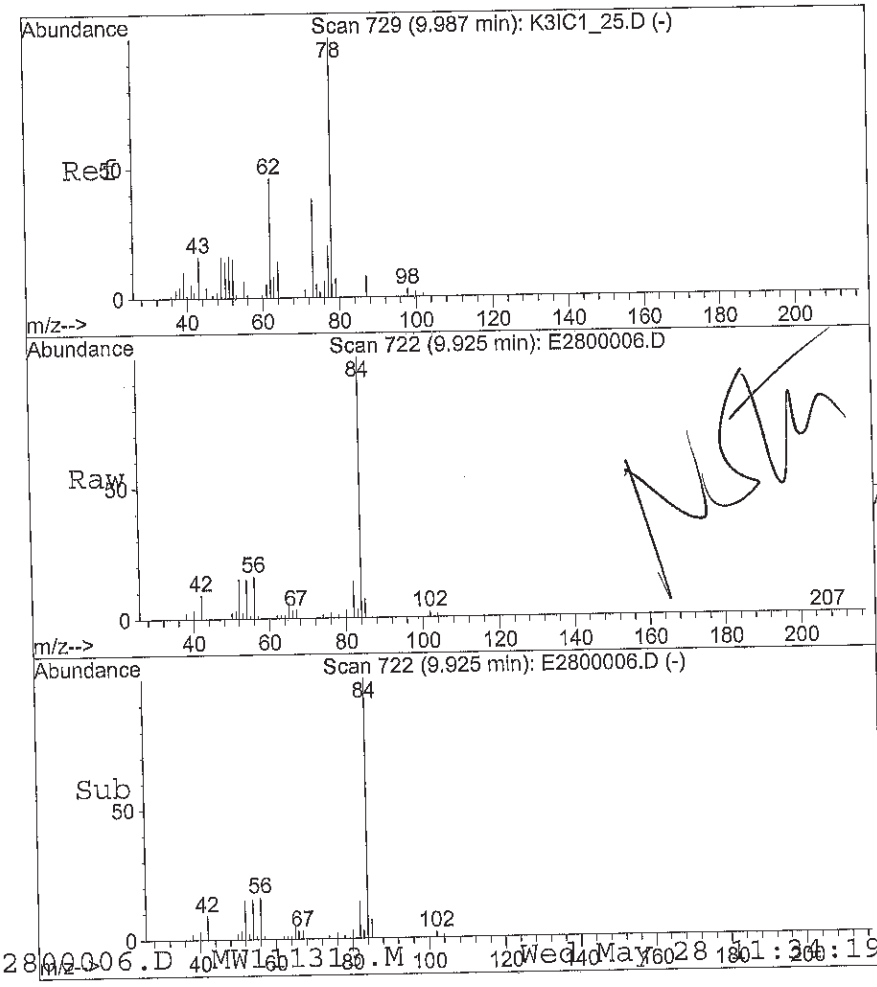


#31
Benzene
Concen: 0.05 ug/L
RT: 9.98 min Scan# 728
Delta R.T. -0.00 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 78 Resp: 697

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	39.9	16.6	24.8#

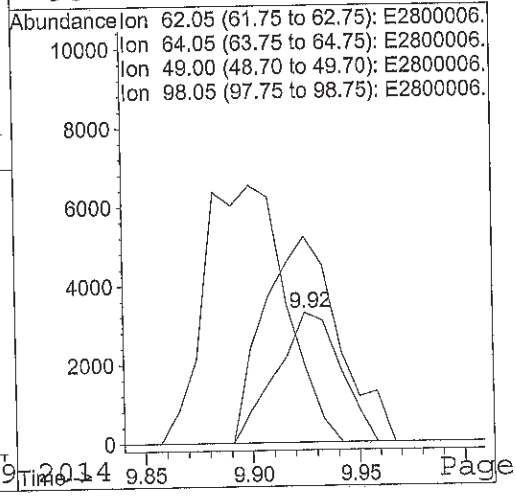


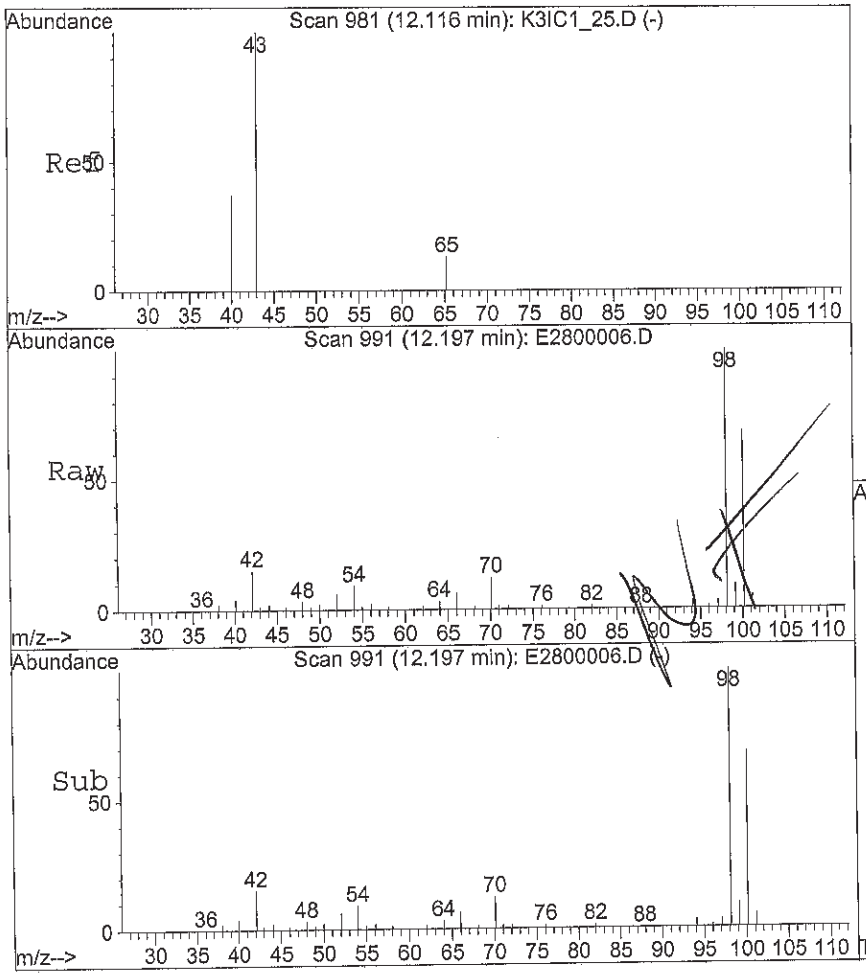


#32
1,2-Dichloroethane
Concen: 1.27 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 62 Resp: 6872

Ion	Ratio	Lower	Upper
62	100		
64	184.9	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

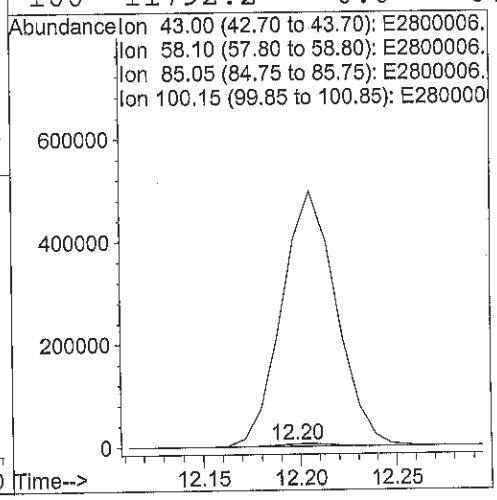


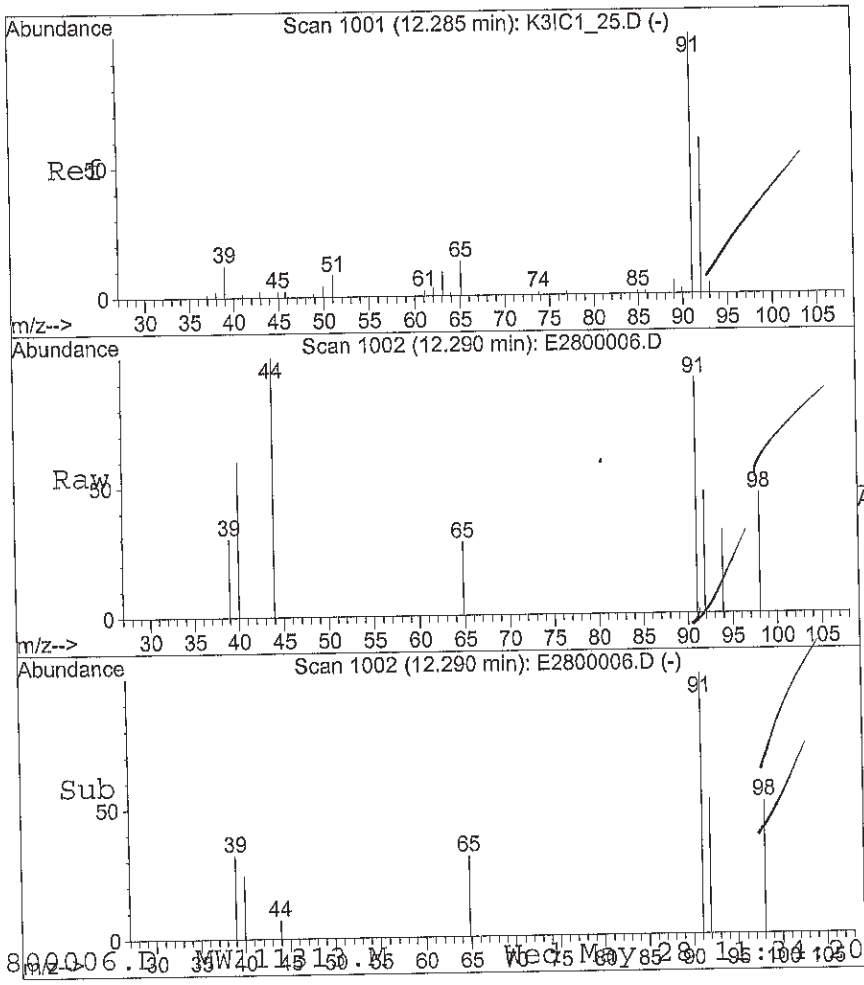


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 3.20 ug/L
RT: 12.20 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 43 Resp: 8293

Ion	Ratio	Lower	Upper
43	100		
58	127.8	0.0	0.0#
85	0.0	0.0	0.0
100	11792.2	0.0	0.0#

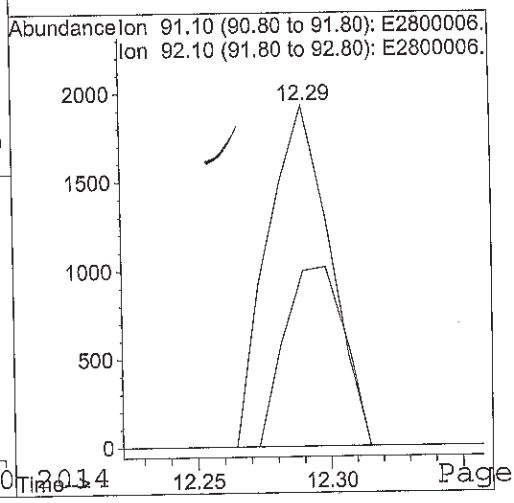


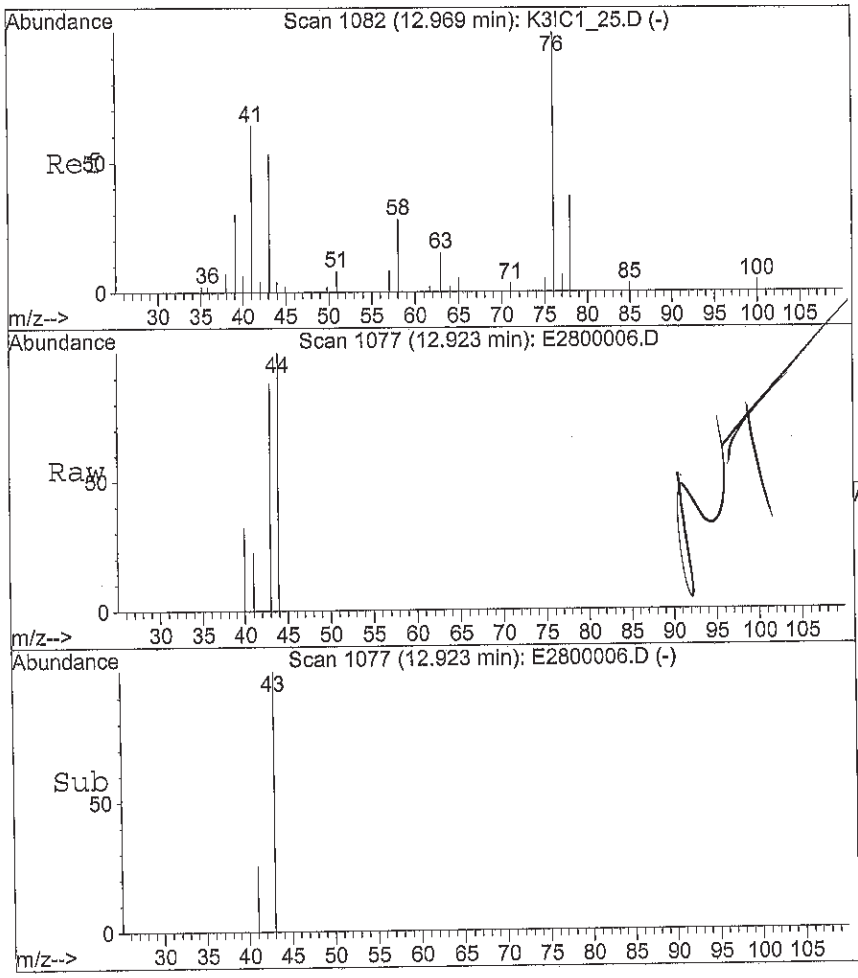


#41
Toluene
Concen: 0.18 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.01 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 91 Resp: 3128

Ion	Ratio	Lower	Upper
91	100		
92	51.4	47.4	71.0

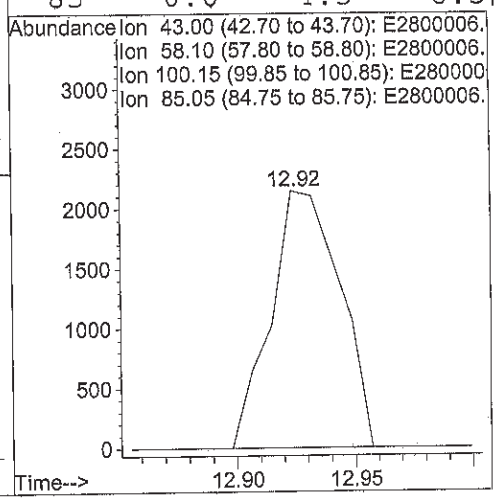


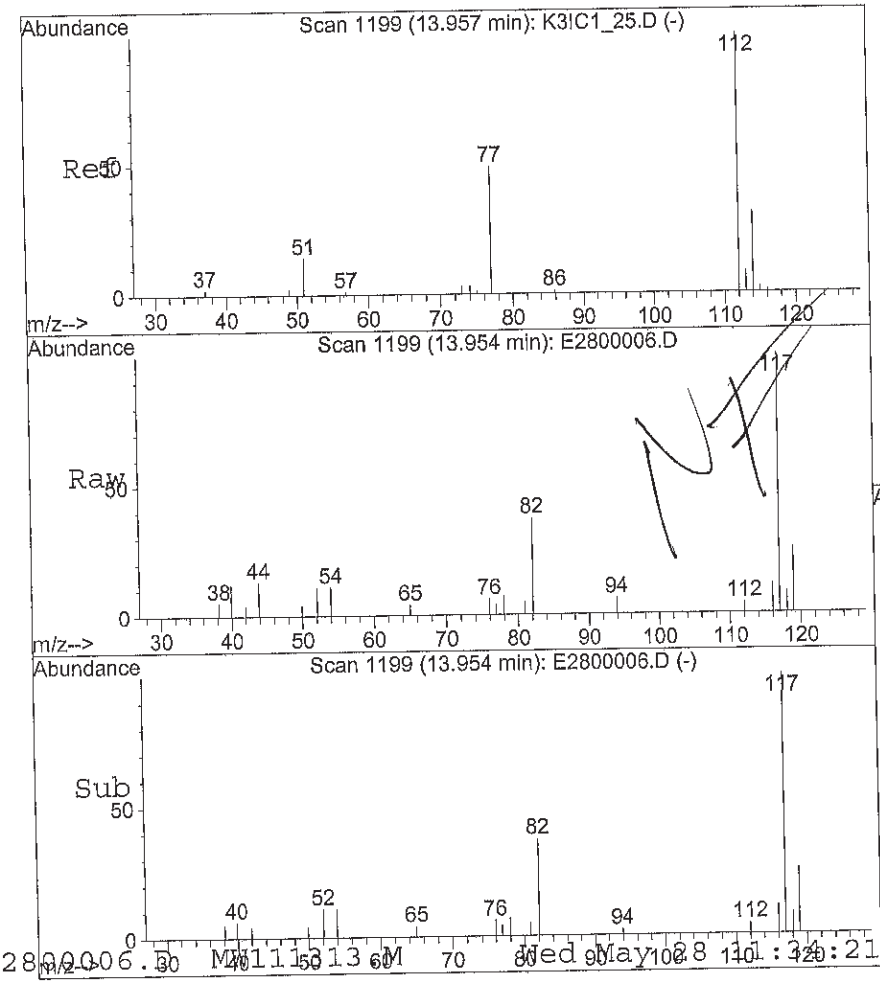


#46
2-Hexanone
Concen: 1.52 ug/L
RT: 12.92 min Scan# 1077
Delta R.T. -0.05 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 43 Resp: 4327

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

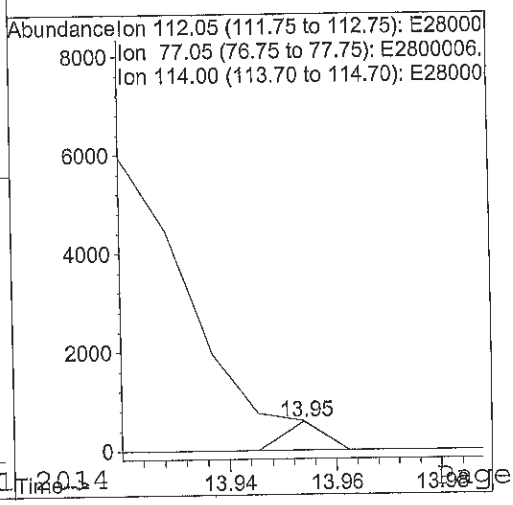


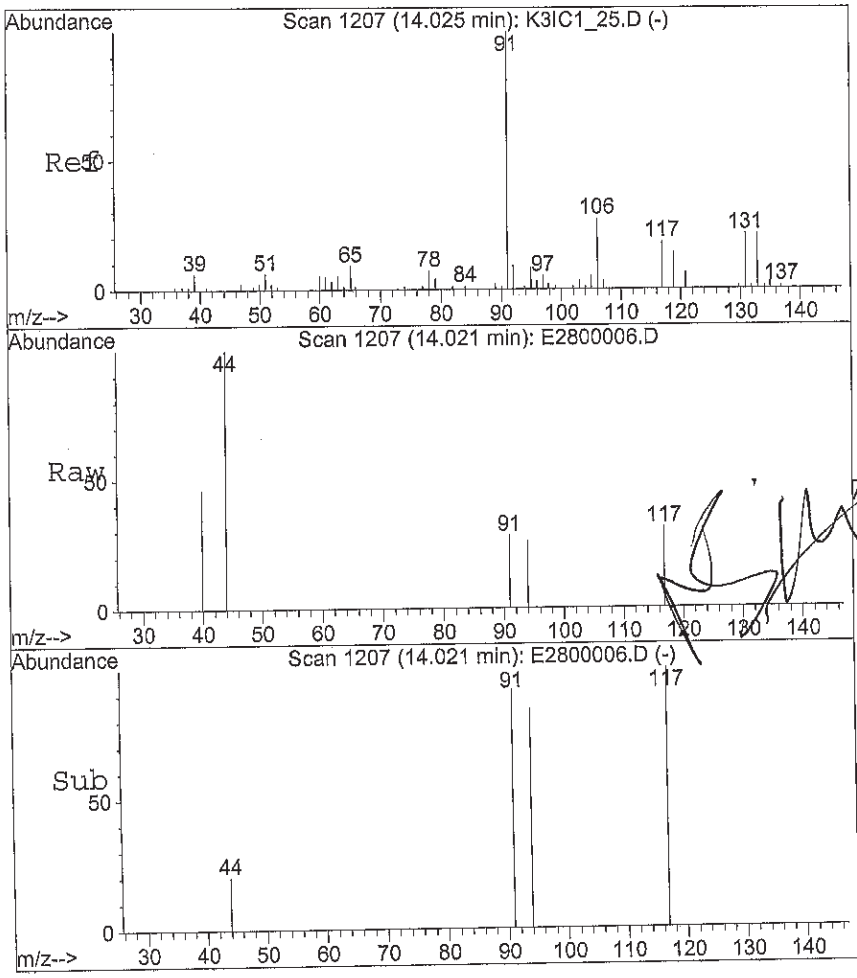


#49
Chlorobenzene
Concen: 0.02 ug/L
RT: 13.95 min Scan# 1199
Delta R.T. -0.00 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion:112 Resp: 295

Ion	Ratio	Lower	Upper
112	100		
77	0.0	48.2	72.4#
114	0.0	24.4	36.6#

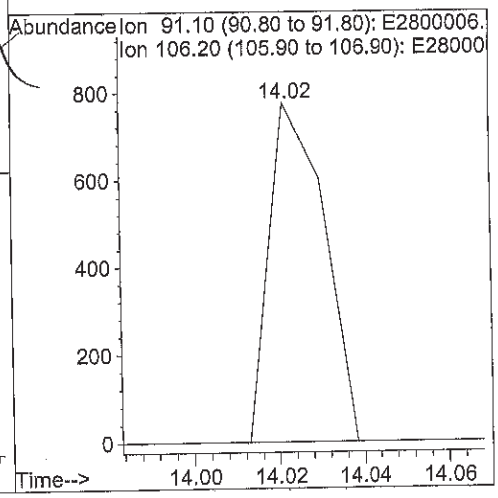


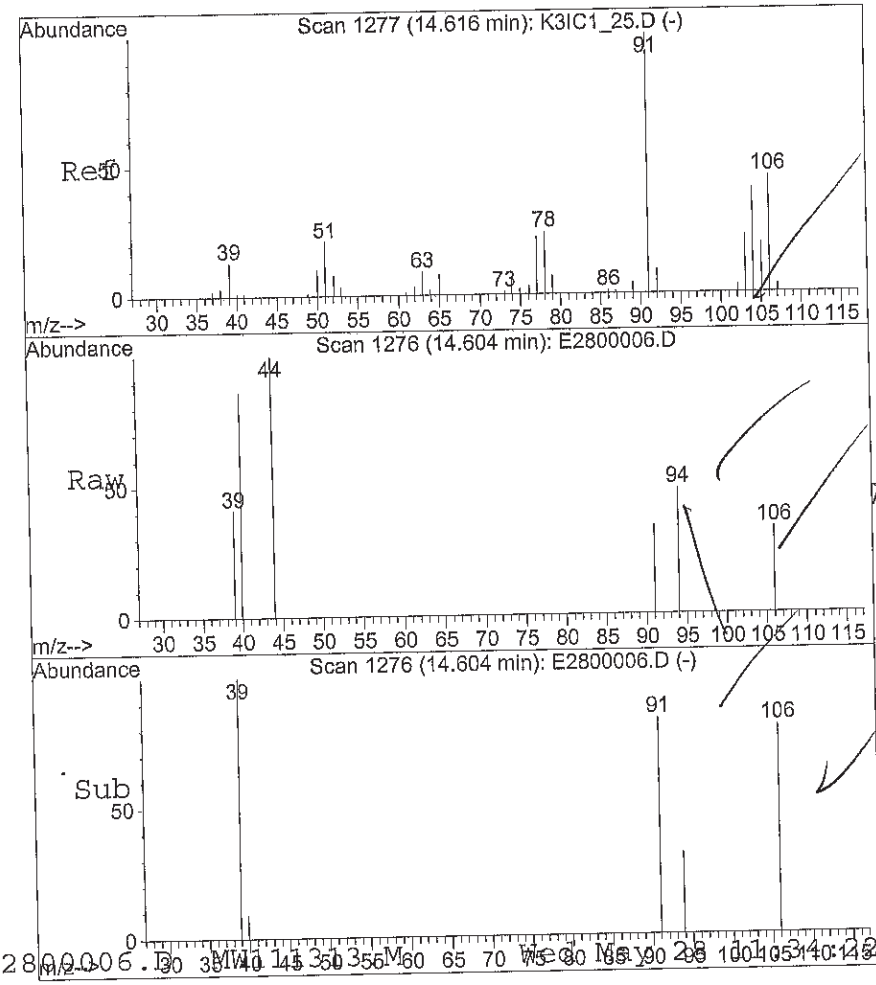


#51
Ethylbenzene
Concen: 0.03 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.00 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 91 Resp: 698

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

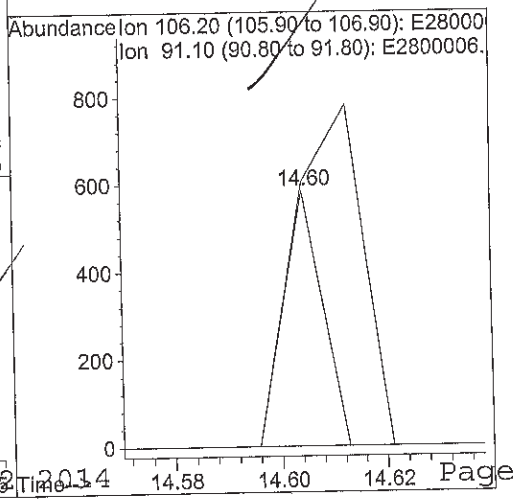


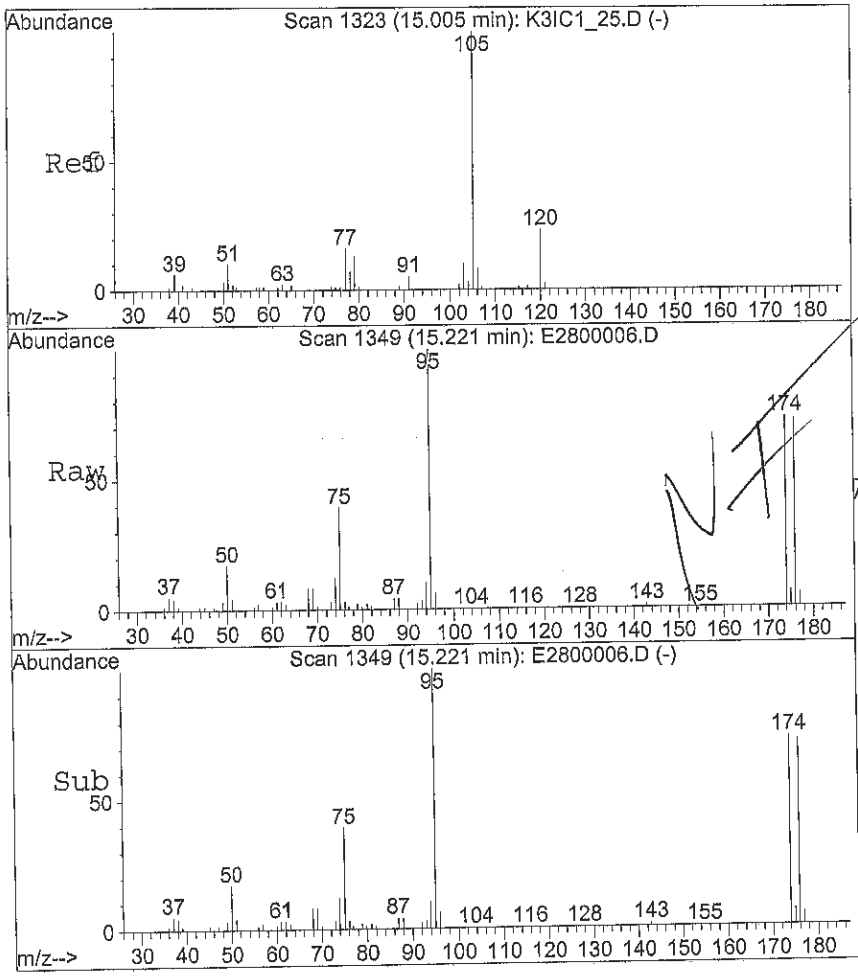


#53
o-Xylene
Concen: 0.04 ug/L
RT: 14.60 min Scan# 1276
Delta R.T. -0.01 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion:106 Resp: 296

Ion	Ratio	Lower	Upper
106	100		
91	237.2	179.0	268.6

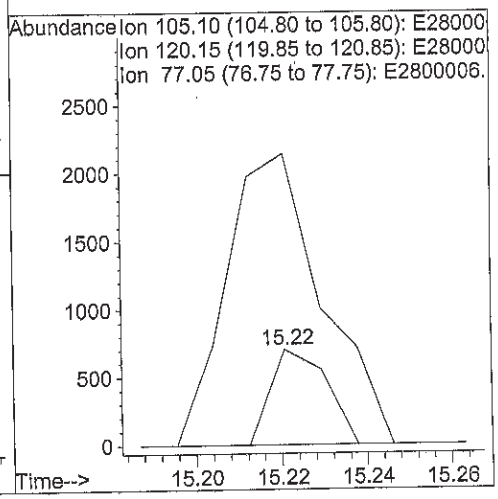


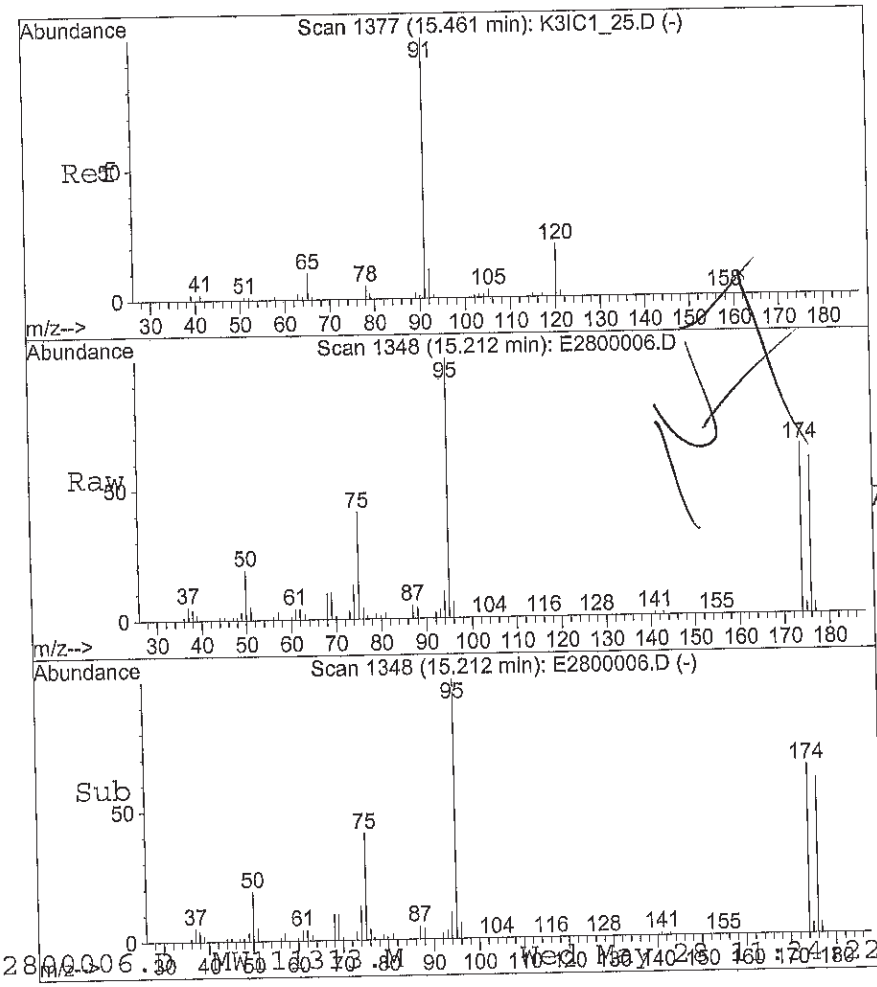


#56
Isopropylbenzene
Concen: 0.03 ug/L
RT: 15.22 min Scan# 1349
Delta R.T. 0.22 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion:105 Resp: 634

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	523.7	13.1	19.7#

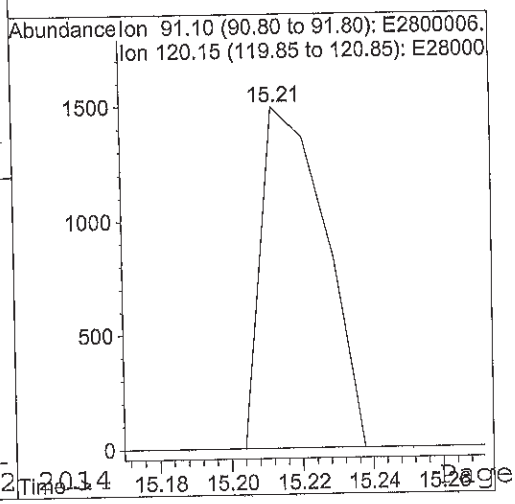


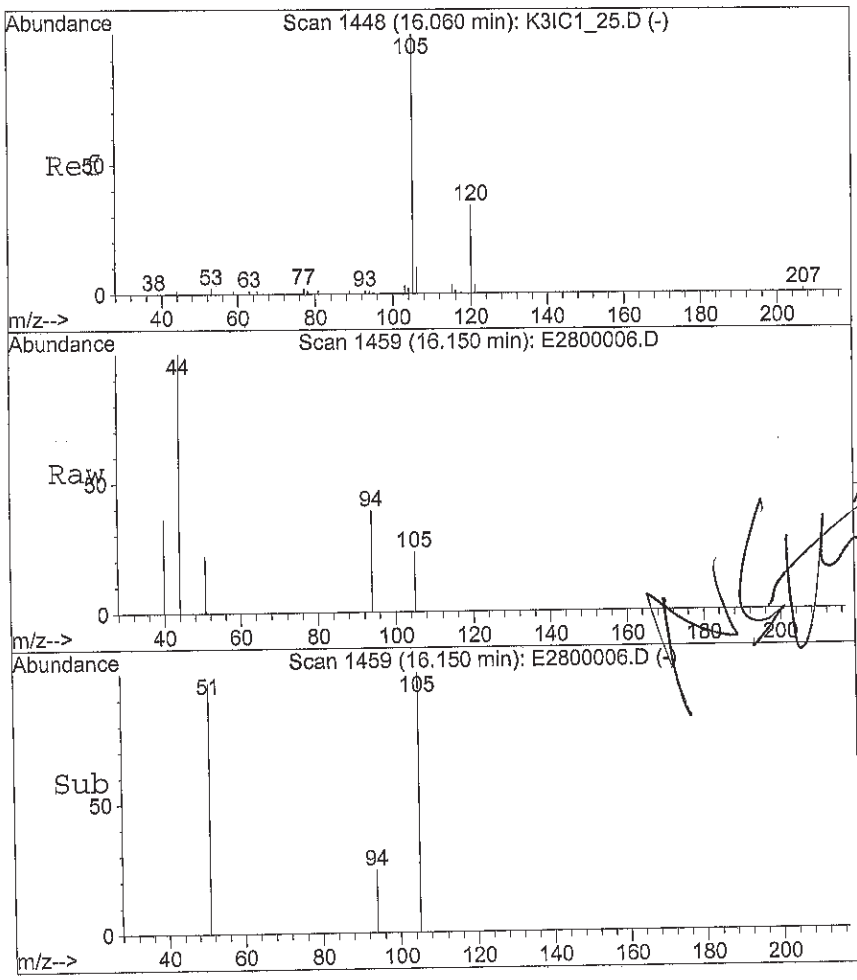


#62
n-Propylbenzene
Concen: 0.07 ug/L
RT: 15.21 min Scan# 1348
Delta R.T. -0.25 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion: 91 Resp: 1863

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

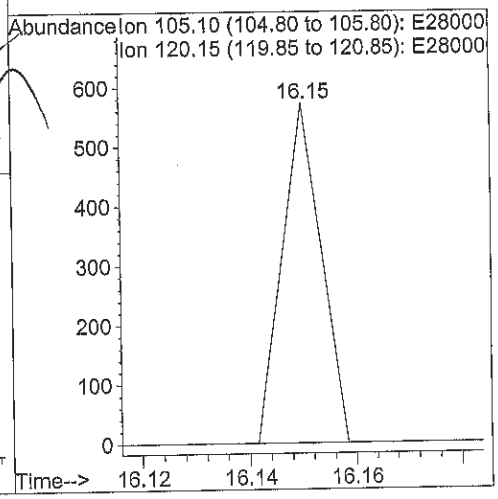


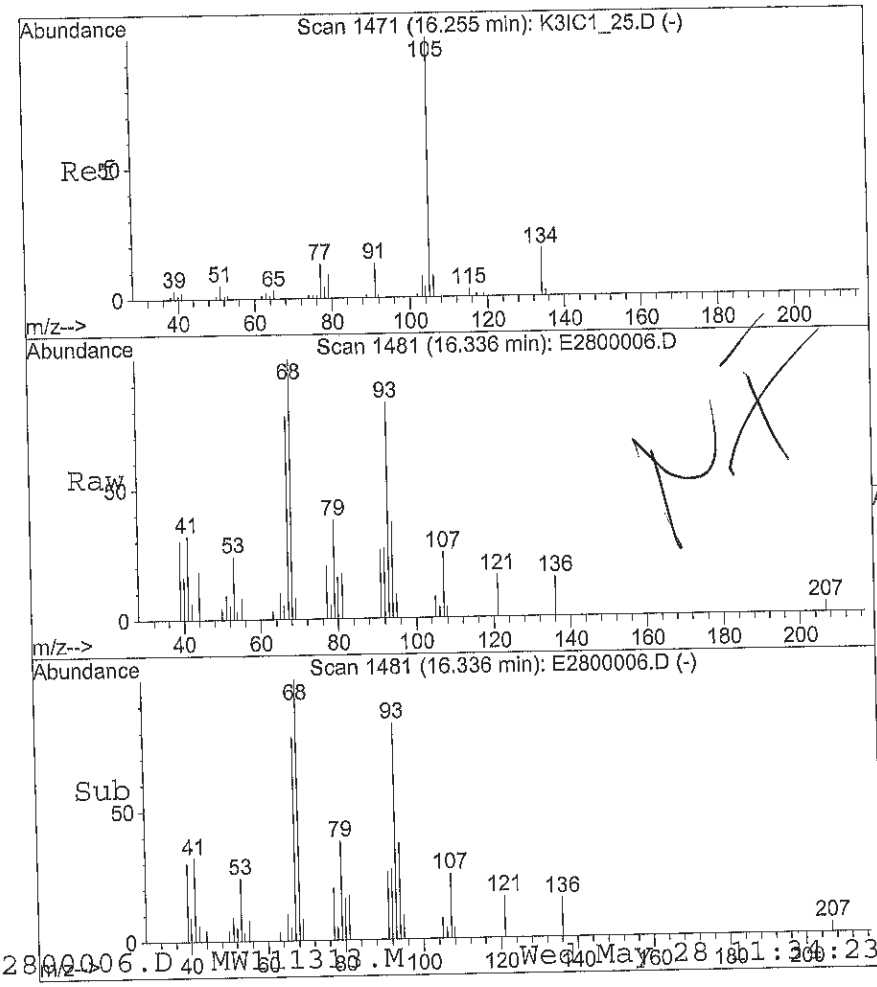


#67
1,2,4-Trimethylbenzene
Concen: 0.02 ug/L
RT: 16.15 min Scan# 1459
Delta R.T. 0.09 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion:105 Resp: 290

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#

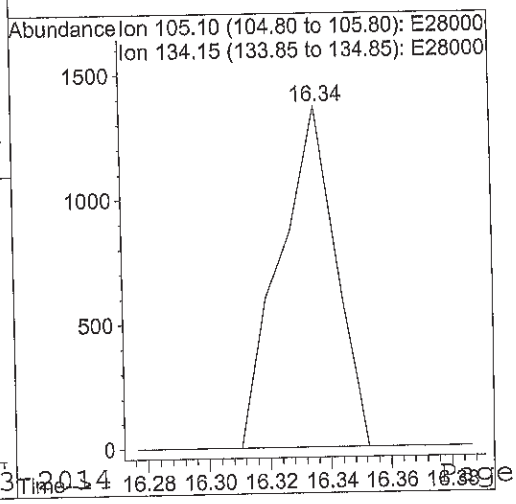


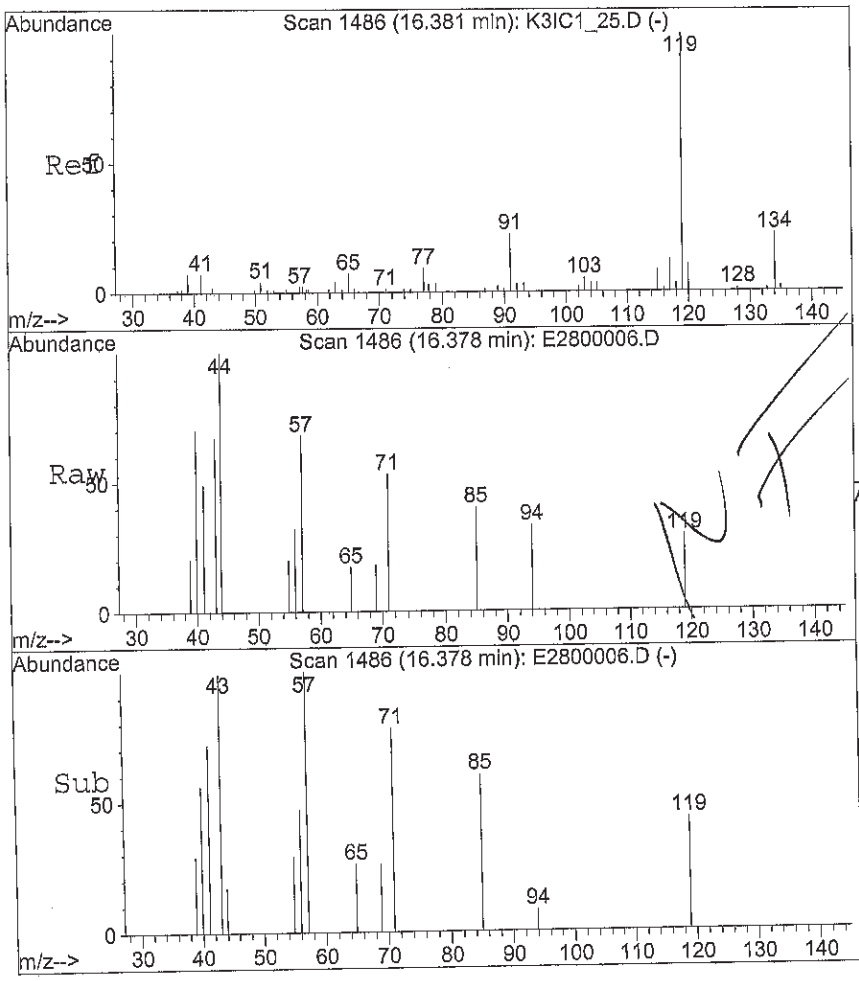


#68
sec-Butylbenzene
Concen: 0.07 ug/L
RT: 16.34 min Scan# 1481
Delta R.T. 0.08 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion:105 Resp: 1737

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

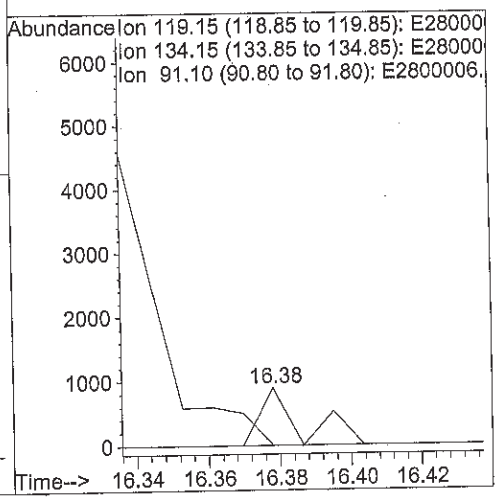




#69
p-Isopropyltoluene
Concen: 0.04 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.00 min
Lab File: E2800006.D
Acq: 28 May 2014 10:47 am

Tgt Ion:119 Resp: 714

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800006.D Vial: 5
Acq On : 28 May 2014 10:47 am Operator: DN
Sample : 3E42801-05 Inst : GC/MS Ins
Misc : 100cc SVL-511-SA5D-SV-4.5-5.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 11:34 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1624445	12.50 ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.92	117	1300399	12.50 ug/L	0.00
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	693251	12.50 ug/L	0.00

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.43	113	464182	10.99 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 87.92%		
3) Chloroform-d (SU6)	9.18	84	719640	11.87 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 94.96%		
4) Methylene Chloride-d2 (SU5	7.07	86	416017	11.74 ug/L	0.00
Spiked Amount 12.500	Range 70 - 140		Recovery = 93.92%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	459490	15.91 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 127.28%#		
6) Benzene-d6 (SU7)	9.92	84	1374808	10.79 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 86.32%		
8) Toluene-d8 (SU3)	12.21	98	1455888	11.80 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 94.40%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	697818	13.70 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 109.60%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

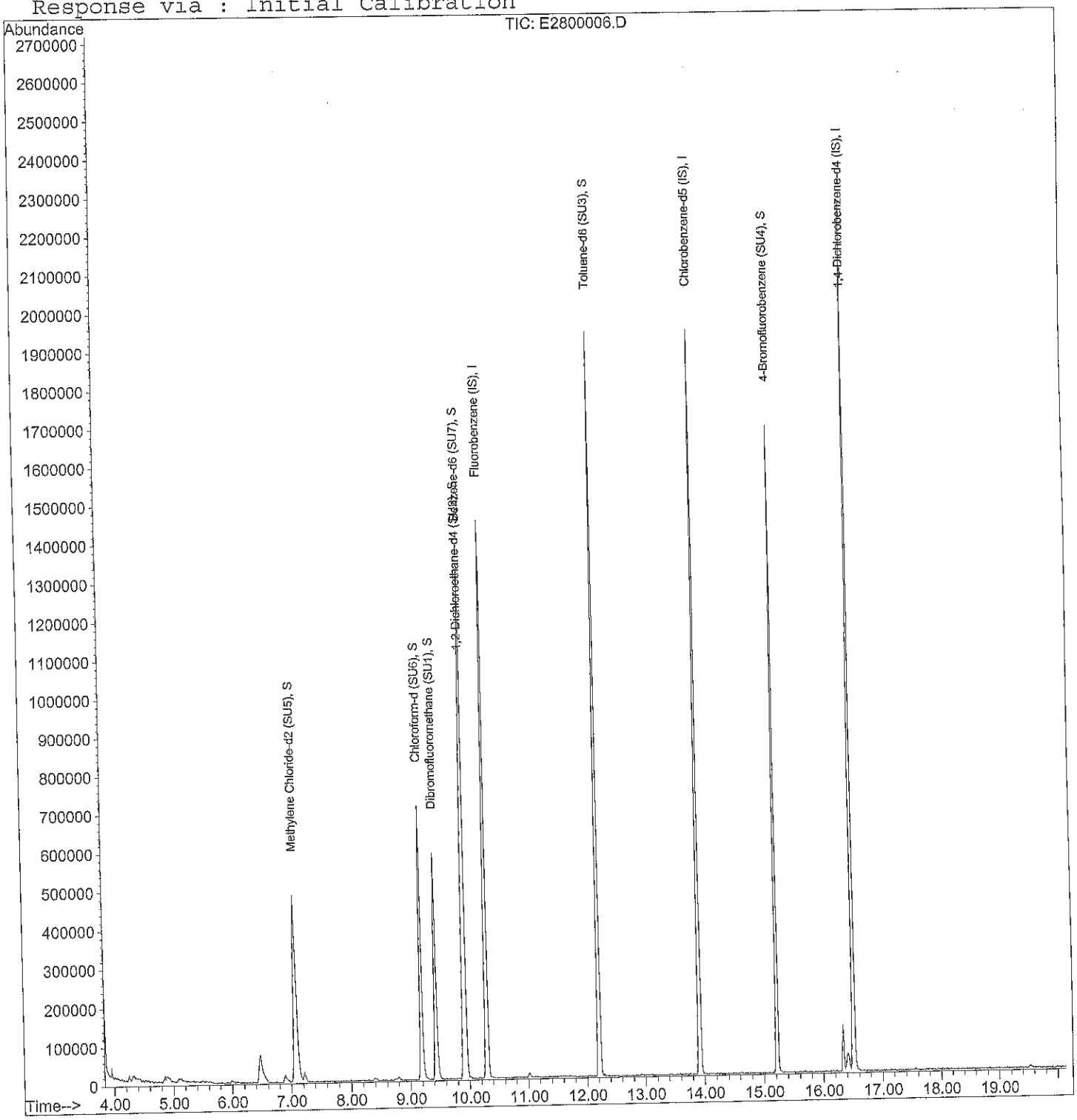
Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800006.D
Acq On : 28 May 2014 10:47 am
Sample : 3E42801-05
Misc : 100cc SVL-511-SA5D-SV-4.5-5.5
MS Integration Params: rteint.p
Quant Time: May 28 11:34 19114

Vial: 5
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800007.D
Acq On : 28 May 2014 11:18 am
Sample : 3E42801-06
Misc : 100cc SVL-511-SA5D-SV-9.5-10.5
MS Integration Params: rteint.p
Quant Time: May 28 12:19 19114

Vial: 6
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1784446	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1395228	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.50	152	722995	12.50 ug/L	0.00

System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.42	113	503819	11.32 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 90.56%		
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	471106	11.14 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 89.12%		
39) Toluene-d8 (SU3)	12.20	98	1572941	12.09 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 96.72%		
58) 4-Bromofluorobenzene (SU4)	15.22	95	748409	13.12 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 104.96%		

Target Compounds					Qvalue
3) (F12) Dichlorodifluorometh	4.09	85	811	0.19 ~~ug/L #~~	44
4) Chloromethane	4.40	50	3087	-0.19 ~~ug/L #~~	74
6) Bromomethane	5.09	96	5625	1.09 ~~ug/L #~~	61
7) Chloroethane	5.23	64	2126	2.12 ~~ug/L #~~	32
9) (F113) 1,1,2-Trichloro-tri	6.37	151	761	0.22 ~~ug/L~~ 0.00044	
11) Acetone	6.45	58	5598	3.03 ~~ug/L~~	94
12) (IPA) Leak Check Compound	6.47	45	181212	845.10 ~~ug/L~~	83
13) Carbon disulfide	6.84	76	269	0.02 ~~ug/L #~~	76
14) Methylene Chloride	7.07	84	6120	1.25 ~~ug/L #~~	1
15) (TBA) tert-Butanol	6.91	59	1057	3.47 ~~ug/L #~~	77
24) Chloroform	9.22	83	780	0.08 ~~ug/L #~~	18
31) Benzene	9.92	78	9348	0.56 ~~ug/L #~~	79
32) 1,2-Dichloroethane	9.92	62	6673	1.12 ~~ug/L #~~	1
40) (MIBK) 4-Methyl-2-Pentanon	12.19	43	8174	2.94 ~~ug/L #~~	100
41) Toluene	12.29	91	3040	0.16 ug/L #0.0032	77
46) 2-Hexanone	12.94	43	3004	0.98 ~~ug/L #~~	37
51) Ethylbenzene	14.14	91	2182	0.10 ~~ug/L~~	97
52) m,p-Xylenes	14.14	106	682	0.09 ug/L #0.0018	39
54) Styrene	14.63	104	2622	-0.63 ~~ug/L #~~	54
56) Isopropylbenzene	15.20	105	313	0.02 ~~ug/L #~~	1
57) 1,2,3-Trichloropropane	15.32	75	255	0.04 ug/L #	36
62) n-Propylbenzene	15.45	91	285	0.01 ~~ug/L #~~	56

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800007.D Vial: 6
Acq On : 28 May 2014 11:18 am Operator: DN
Sample : 3E42801-06 Inst : GC/MS Ins
Misc : 100cc SVL-511-SA5D-SV-9.5-10.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 12:19 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

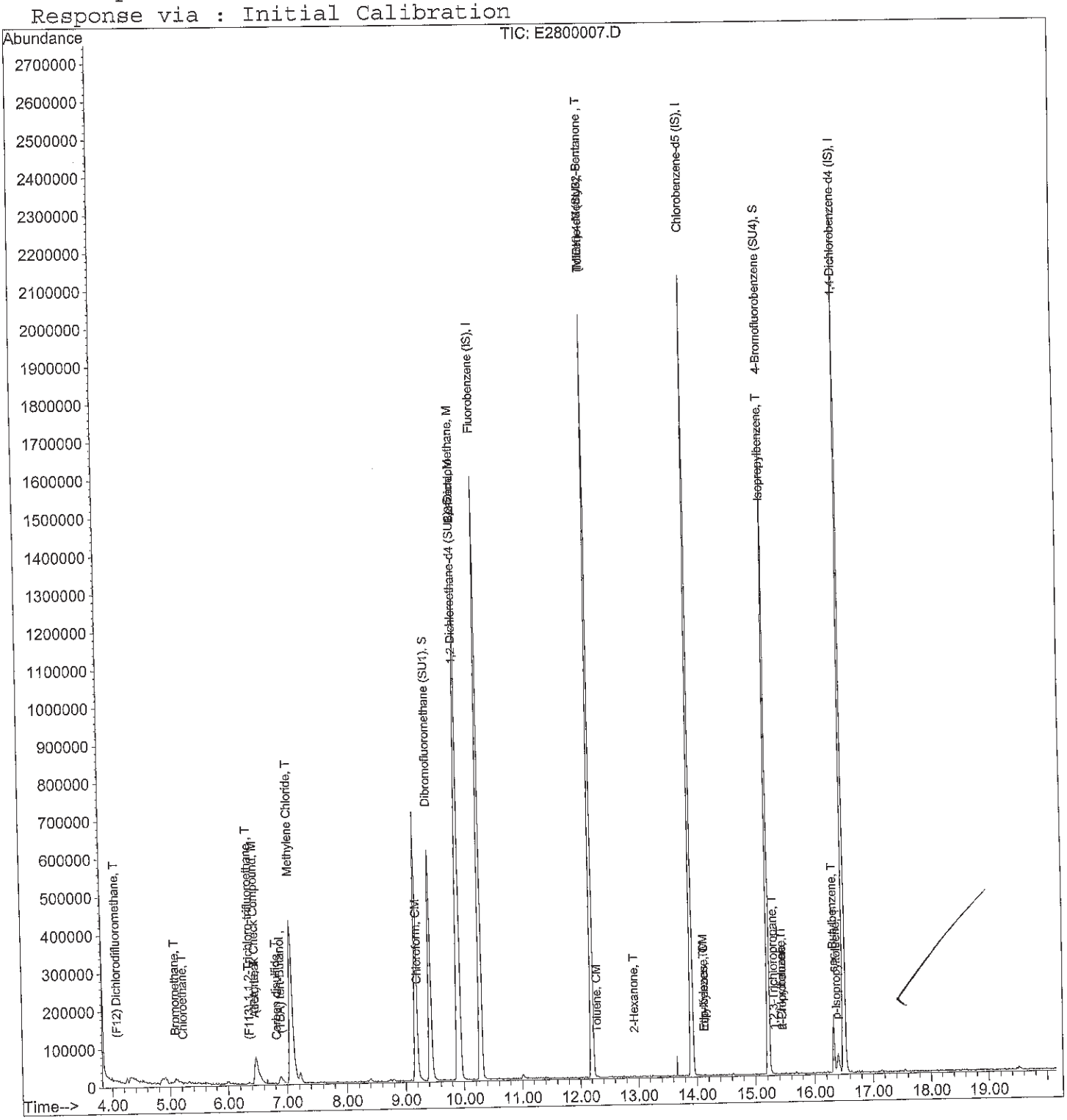
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
63) 2-Chlorotoluene	15.45	91	285	0.02 ug ~~/L #~~	45
68) sec-Butylbenzene	16.33	105	2110	0.09 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	1118	0.06 ~~ug/L~~ #	52

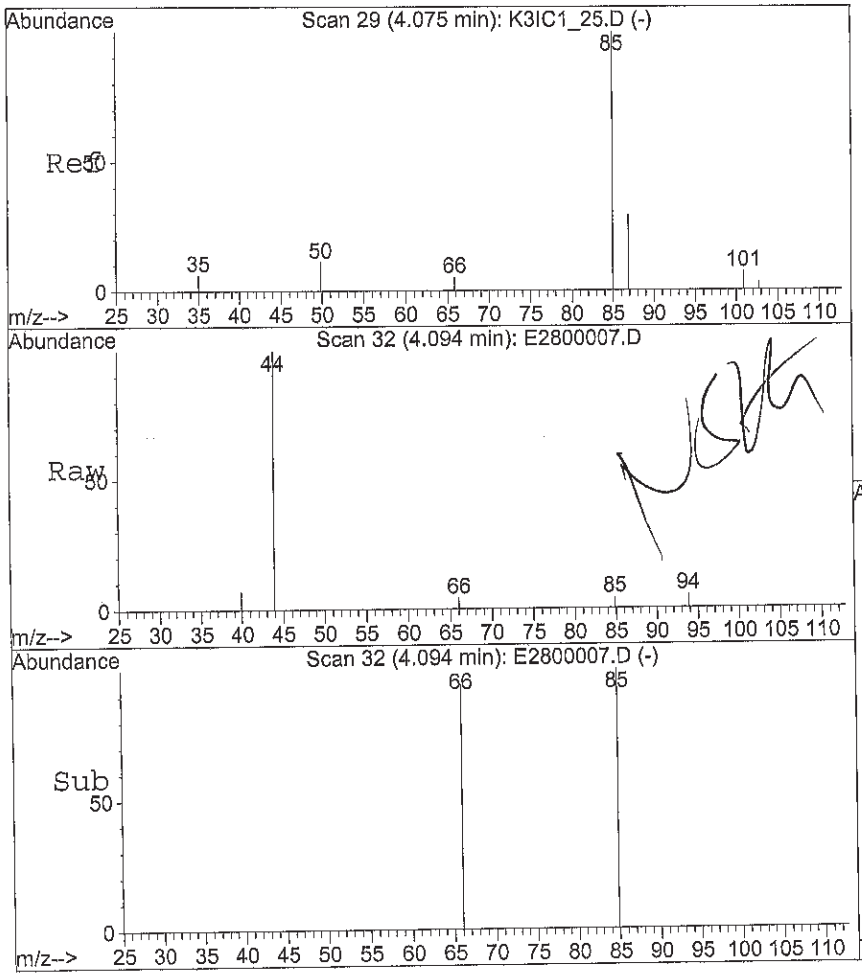
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800007.D Vial: 6
Acq On : 28 May 2014 11:18 am Operator: DN
Sample : 3E42801-06 Inst : GC/MS Ins
Misc : 100cc SVL-511-SA5D-SV-9.5-10.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 12:19 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

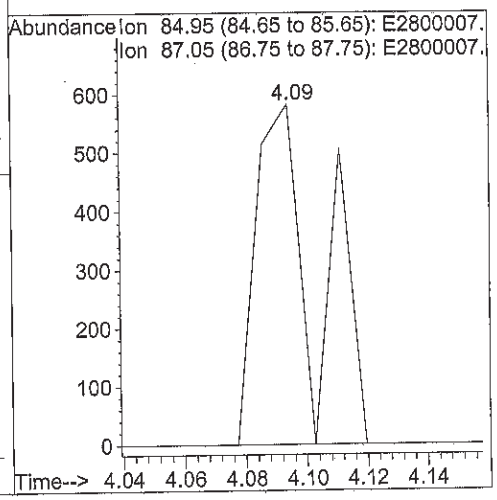


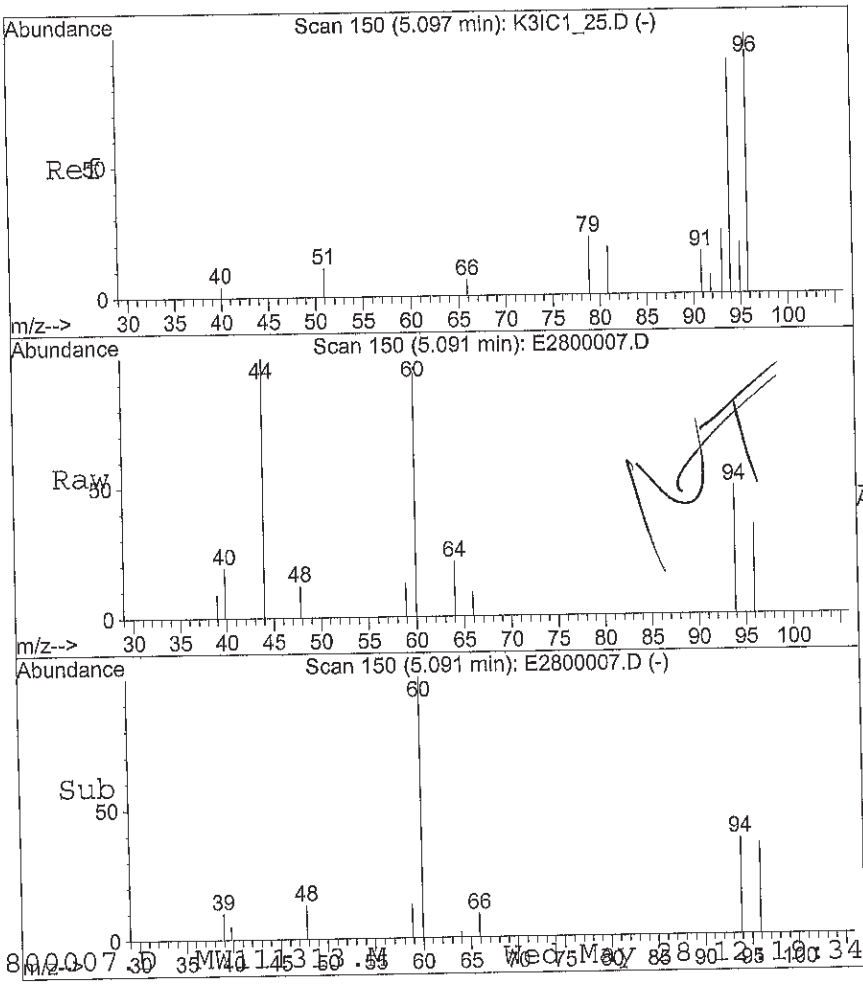


#3
(F12) Dichlorodifluoromethane
Concen: 0.19 ug/L
RT: 4.09 min Scan# 32
Delta R.T. 0.02 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 85 Resp: 811

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.6	37.0#

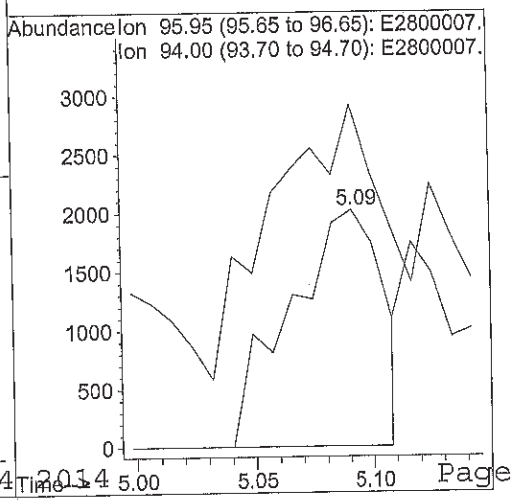


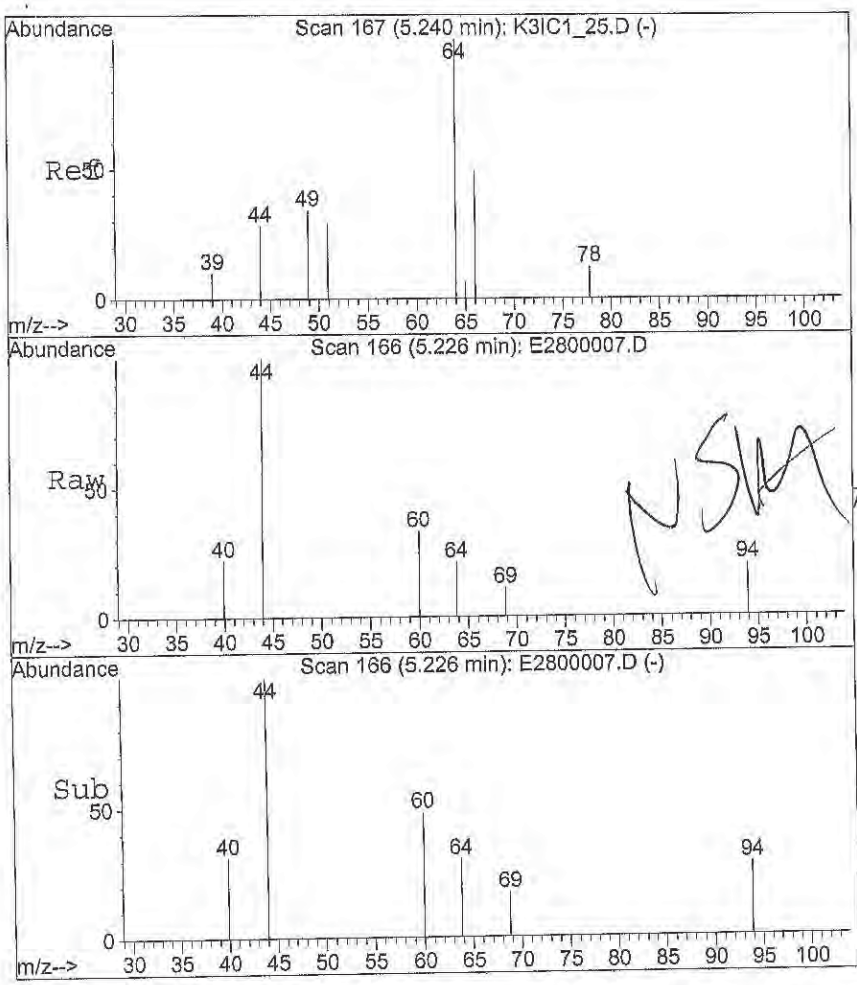


#6
Bromomethane
Concen: 1.09 ug/L
RT: 5.09 min Scan# 150
Delta R.T. -0.01 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 96 Resp: 5625

Ion	Ratio	Lower	Upper
96	100		
94	170.9	101.0	151.4#

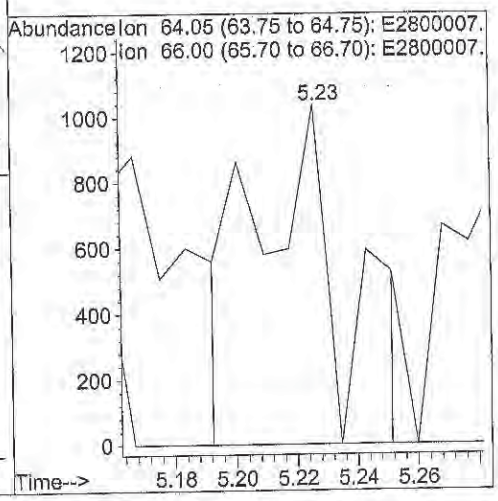


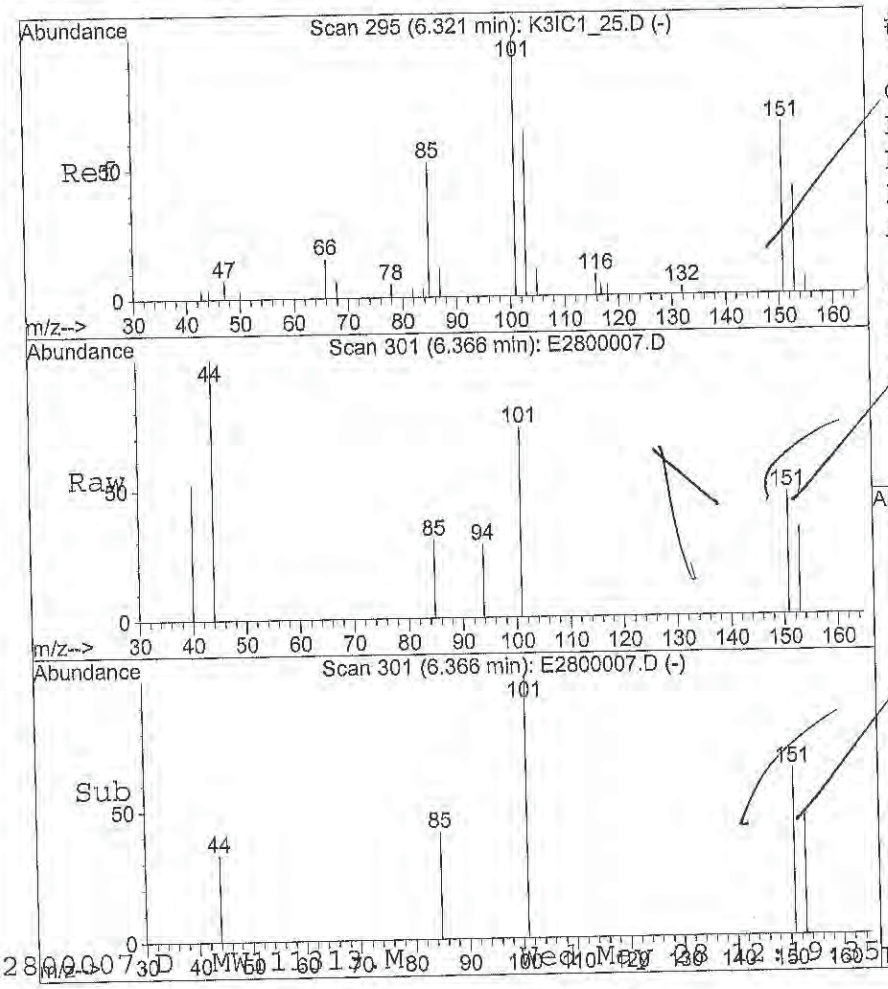


#7
Chloroethane
Concen: 2.12 ug/L
RT: 5.23 min Scan# 166
Delta R.T. -0.01 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 64 Resp: 2126

Ion	Ratio	Lower	Upper
64	100		
66	0.0	35.4	53.0#

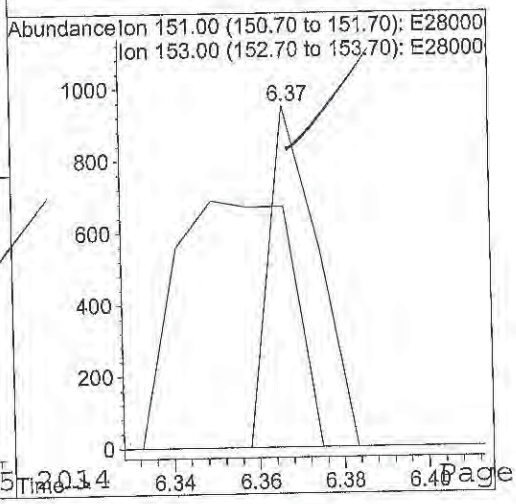


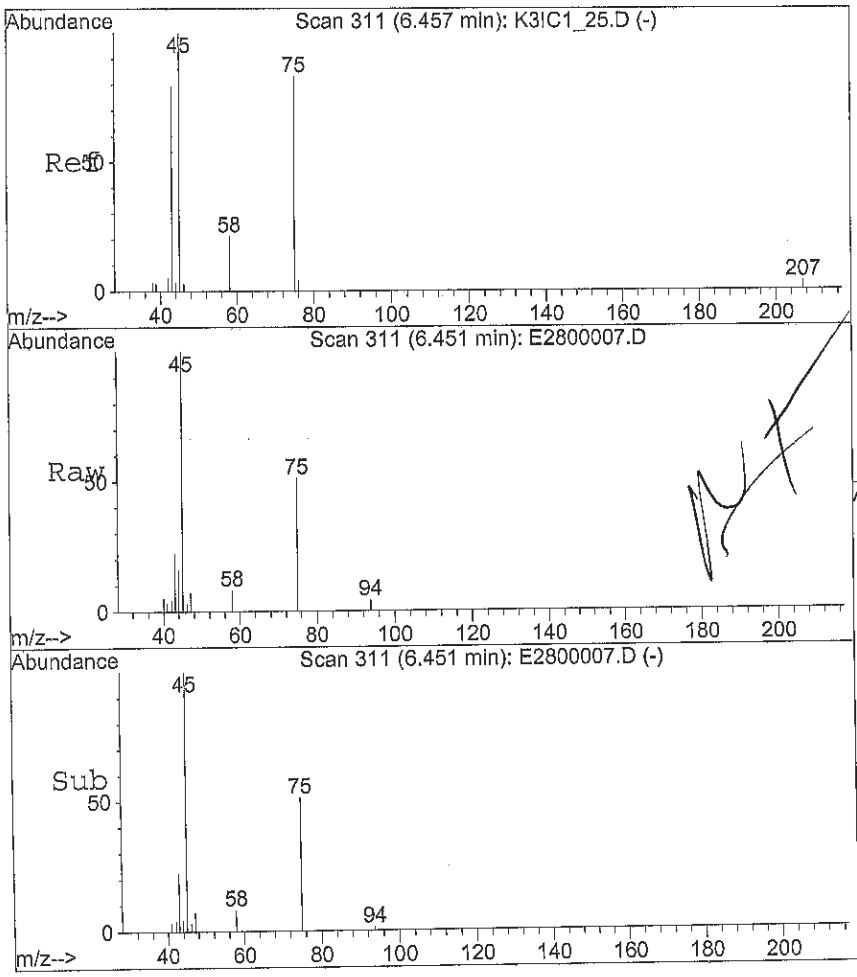


#9
(F113) 1,1,2-Trichloro-trifluor
Concen: 0.22 ug/L
RT: 6.37 min Scan# 301
Delta R.T. 0.05 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion:151 Resp: 761

Ion	Ratio	Lower	Upper
151	100		
153	172.5	49.6	74.4#

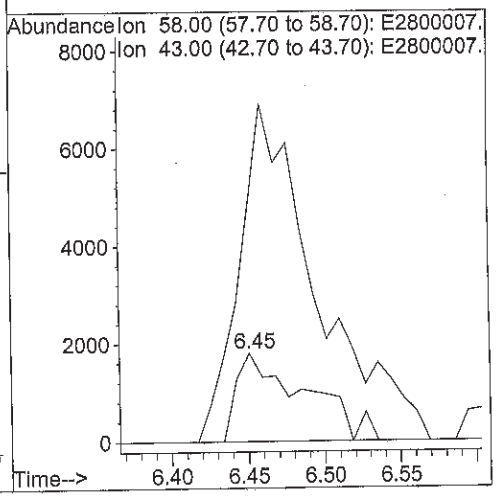


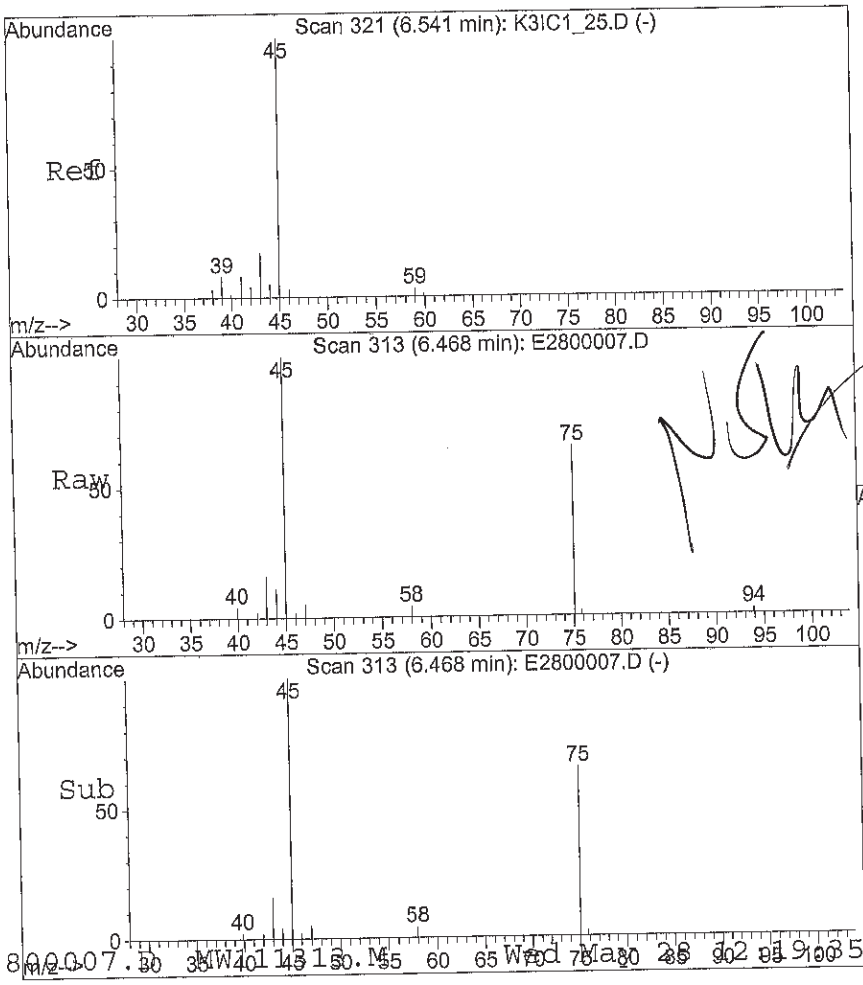


#11
Acetone
Concen: 3.03 ug/L
RT: 6.45 min Scan# 311
Delta R.T. -0.01 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 58 Resp: 5598

Ion	Ratio	Lower	Upper
58	100		
43	435.1	360.9	541.3

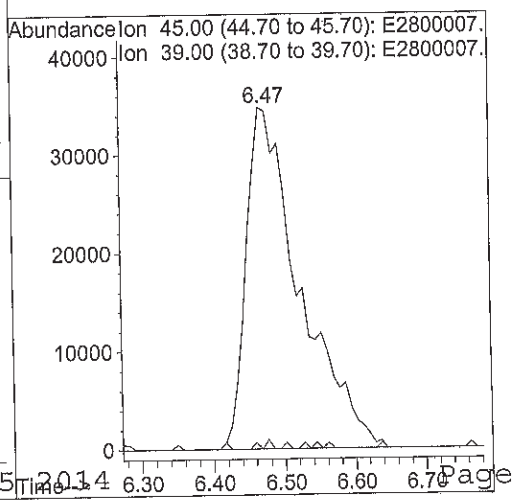


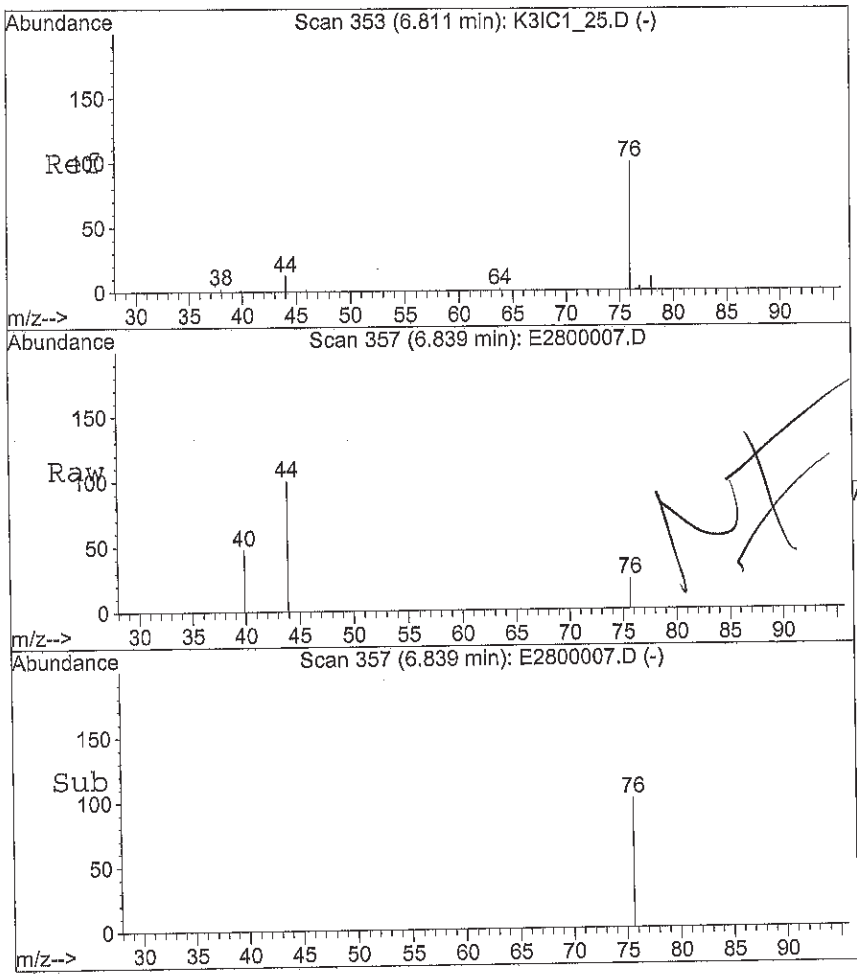


#12
(IPA) Leak Check Compound
Concen: 845.10 ug/L
RT: 6.47 min Scan# 313
Delta R.T. -0.07 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 45 Resp: 181212

Ion	Ratio	Lower	Upper
45	100		
39	0.3	4.9	7.3#

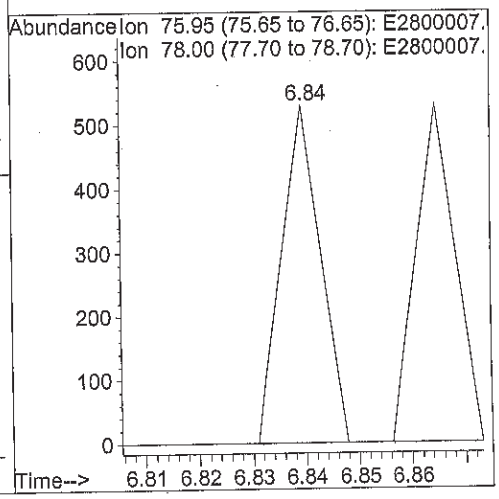


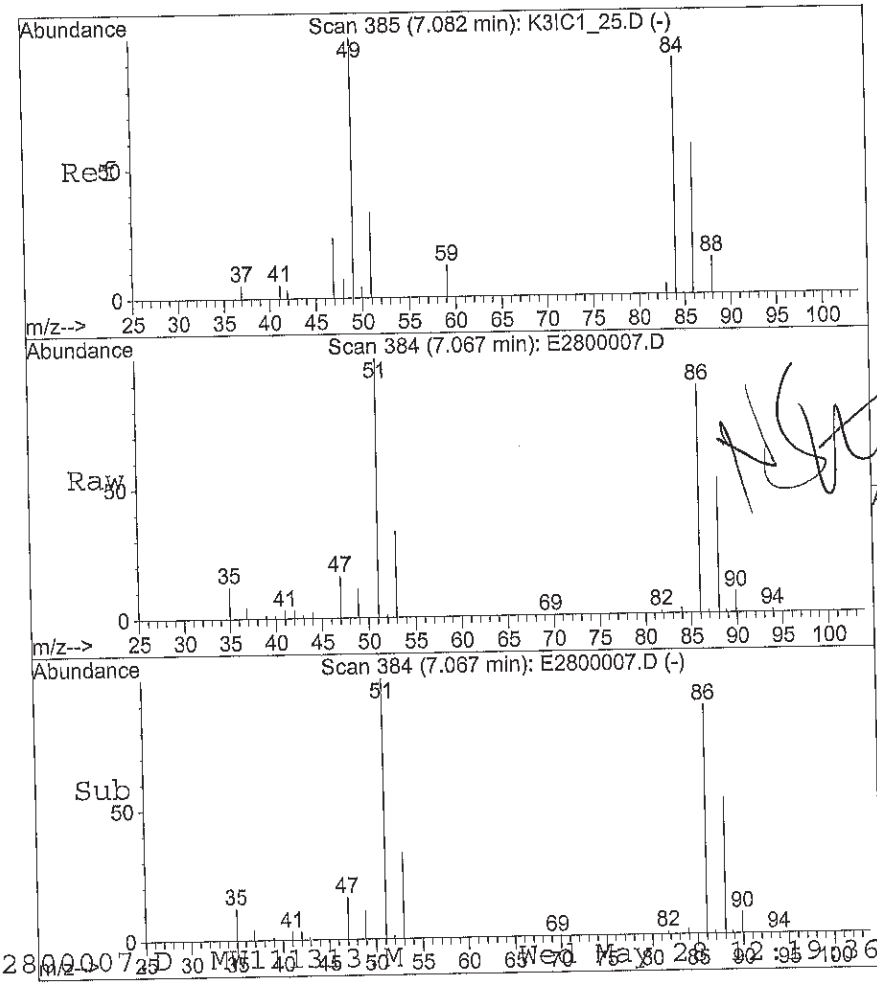


#13
Carbon disulfide
Concen: 0.02 ug/L
RT: 6.84 min Scan# 357
Delta R.T. 0.03 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 76 Resp: 269

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

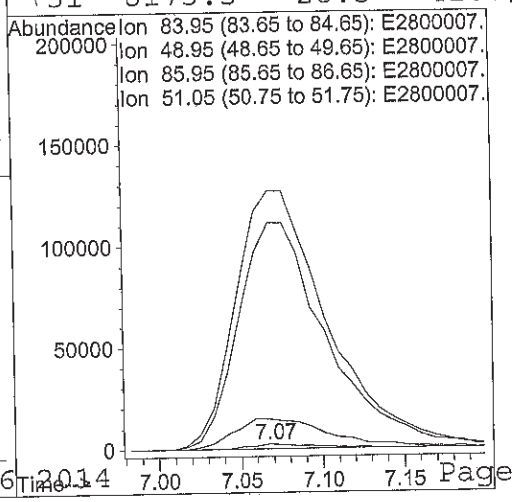


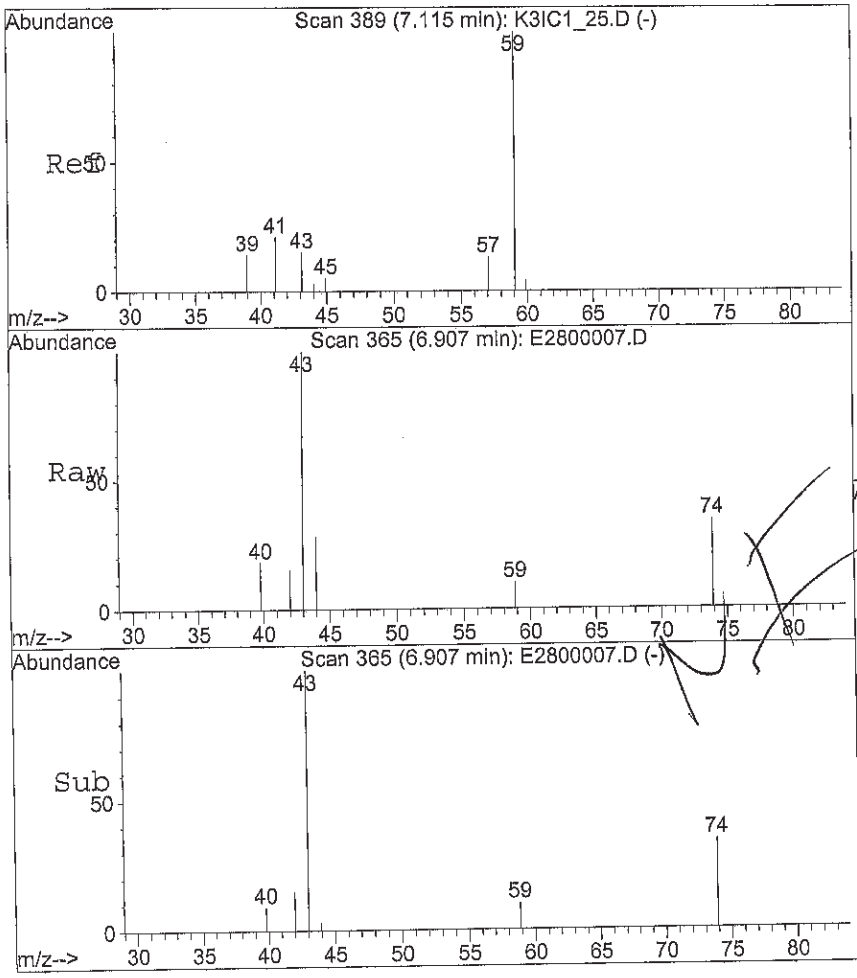


#14
Methylene Chloride
Concen: 1.25 ug/L
RT: 7.07 min Scan# 384
Delta R.T. -0.01 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 84 Resp: 6120

Ion	Ratio	Lower	Upper
84	100		
49	975.8	89.8	134.6#
86	6888.9	51.1	76.7#
51	8173.3	28.5	42.7#

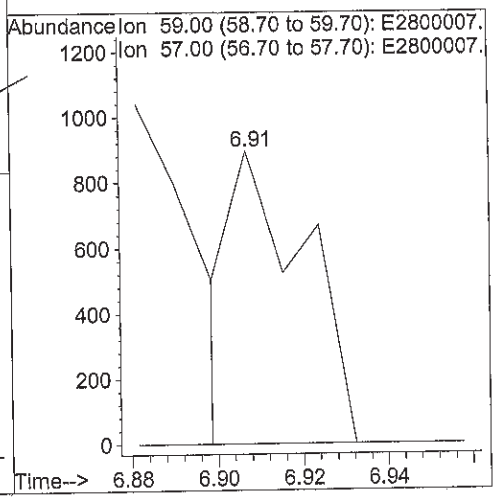


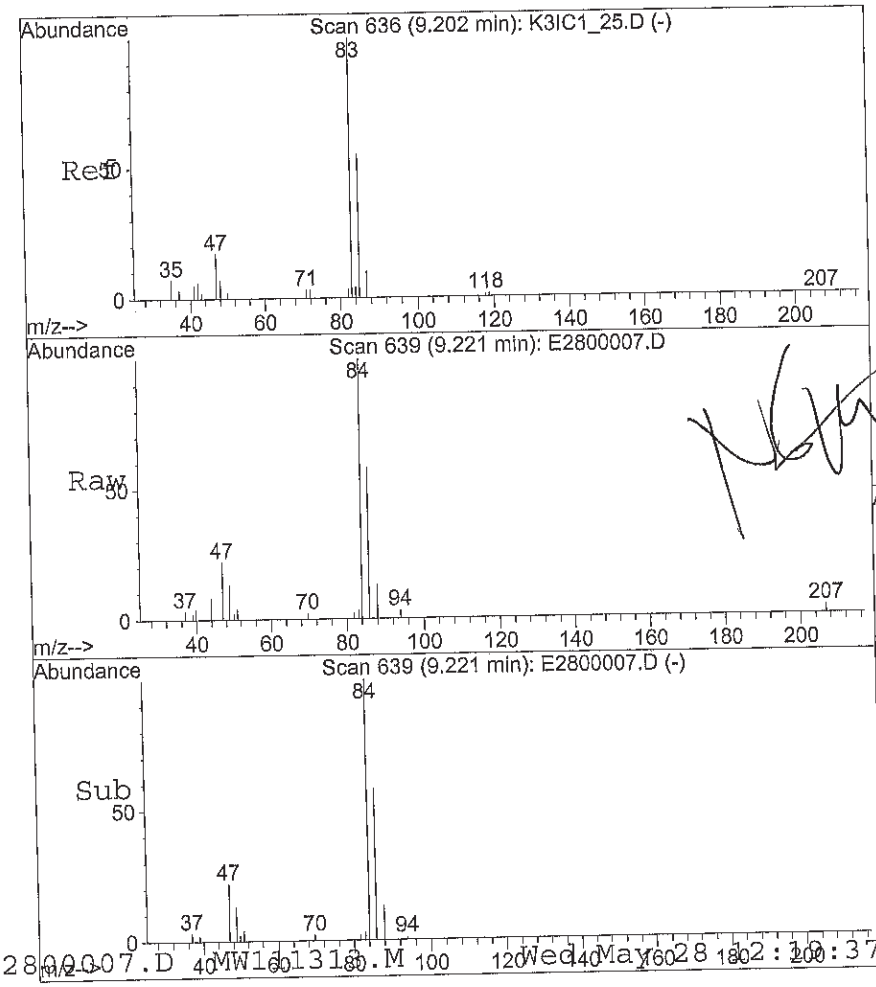


#15
(TBA) tert-Butanol
Concen: 3.47 ug/L
RT: 6.91 min Scan# 365
Delta R.T. -0.21 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 59 Resp: 1057

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

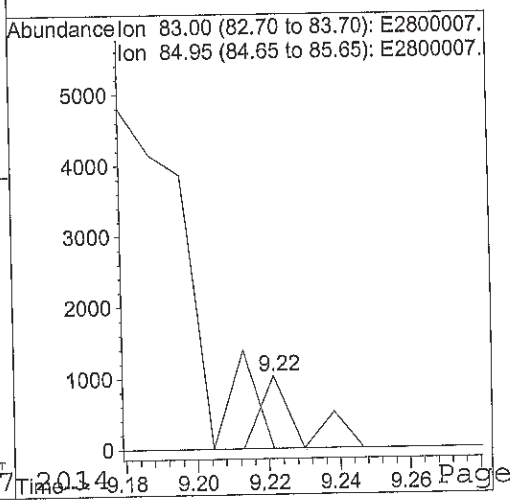


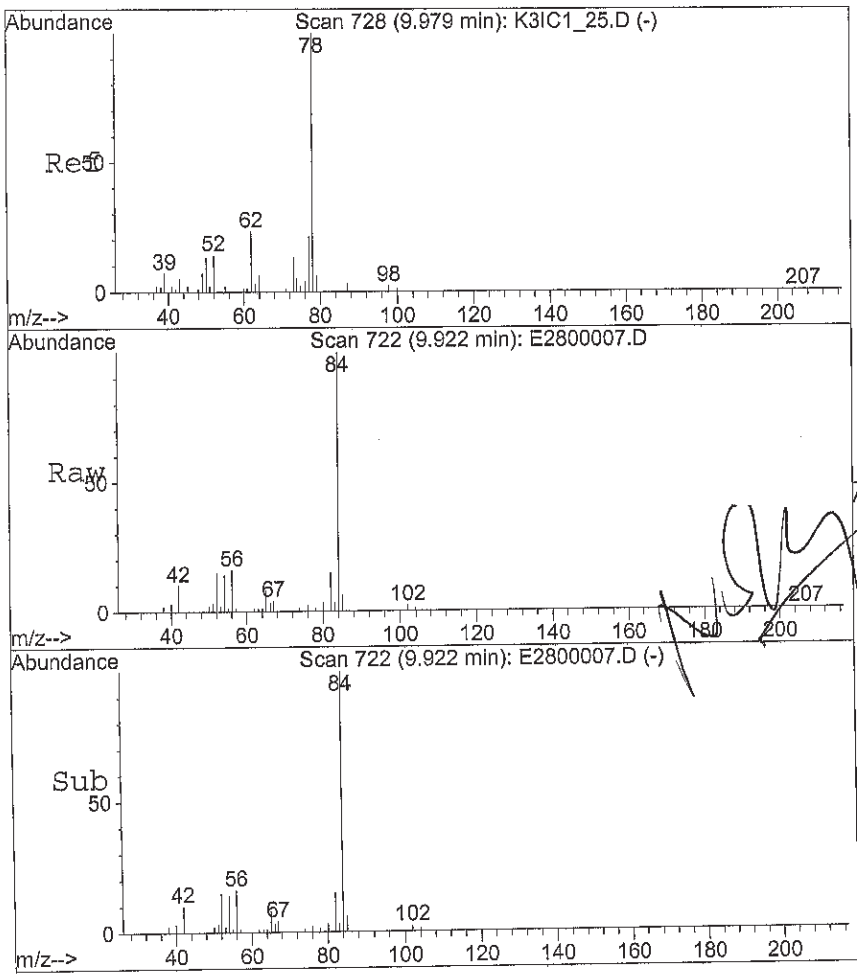


#24
Chloroform
Concen: 0.08 ug/L
RT: 9.22 min Scan# 639
Delta R.T. 0.02 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 83 Resp: 780

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

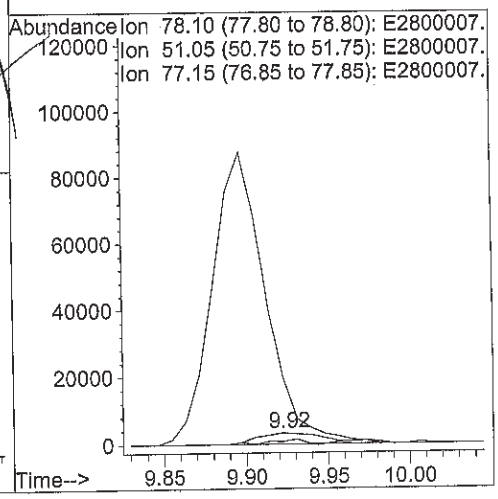


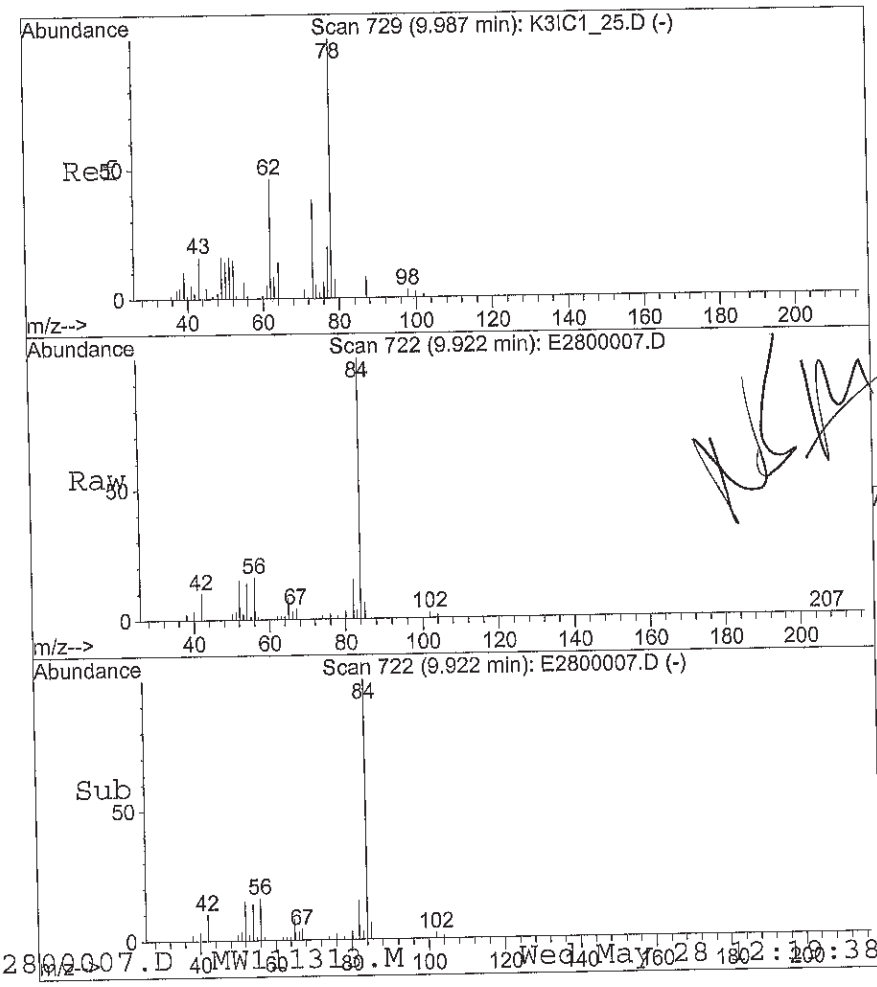


#31
Benzene
Concen: 0.56 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 78 Resp: 9348

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	18.7	16.6	24.8

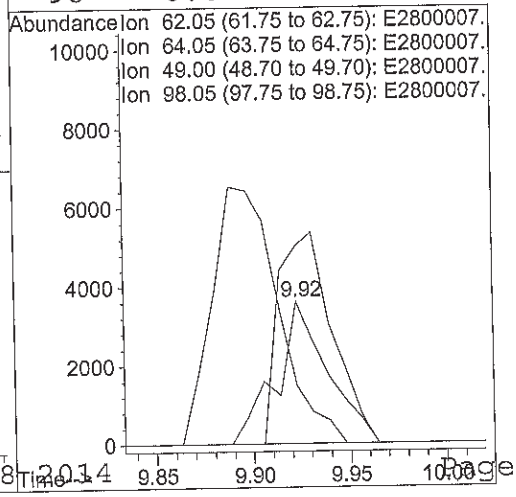


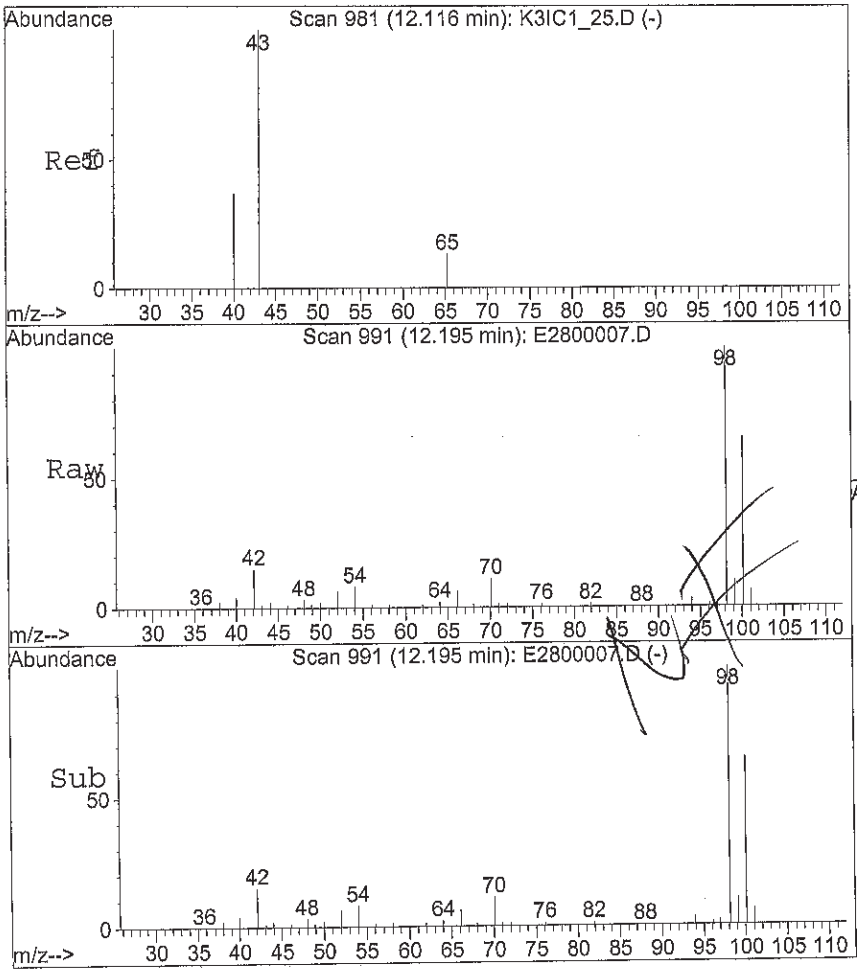


#32
1,2-Dichloroethane
Concen: 1.12 ug/L
RT: 9.92 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 62 Resp: 6673

Ion	Ratio	Lower	Upper
62	100		
64	155.2	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

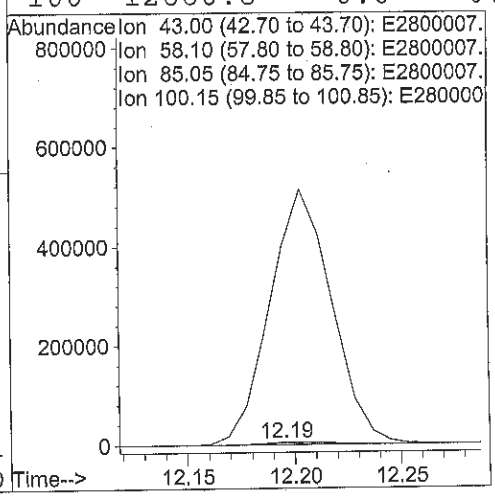


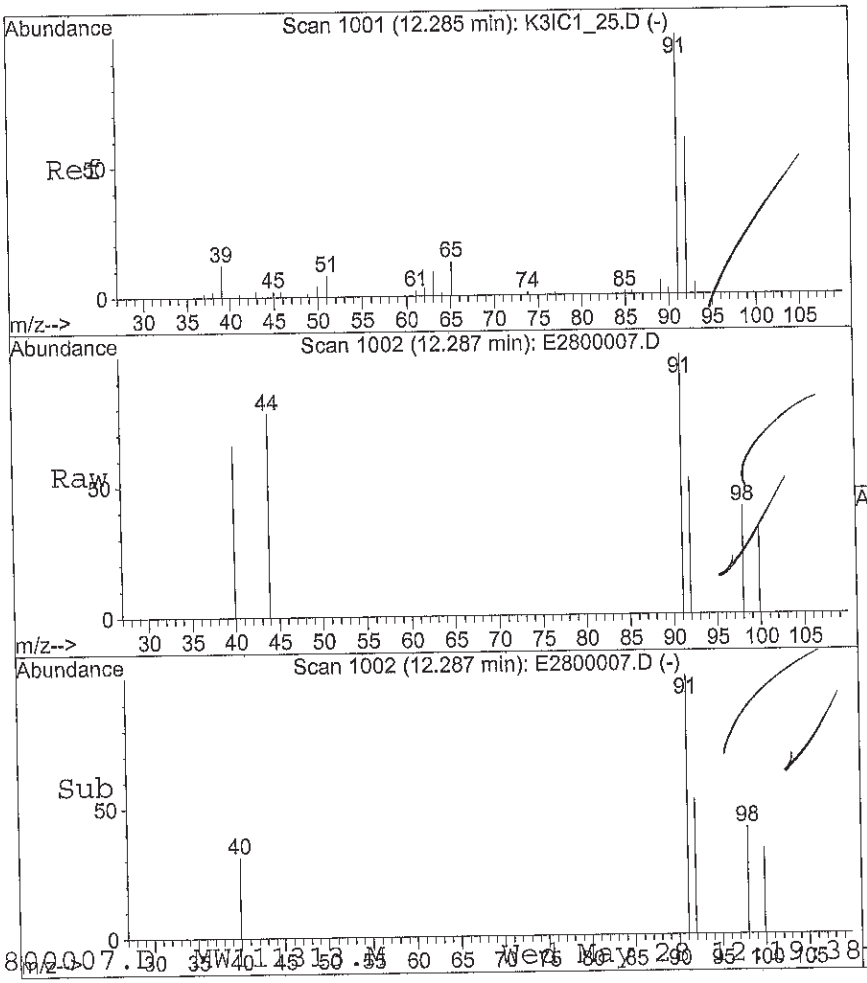


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.94 ug/L
RT: 12.19 min Scan# 991
Delta R.T. 0.08 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 43 Resp: 8174

Ion	Ratio	Lower	Upper
43	100		
58	131.0	0.0	0.0#
85	0.0	0.0	0.0
100	12660.8	0.0	0.0#

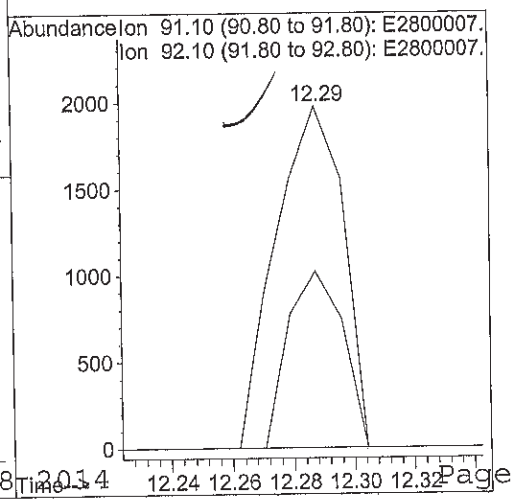


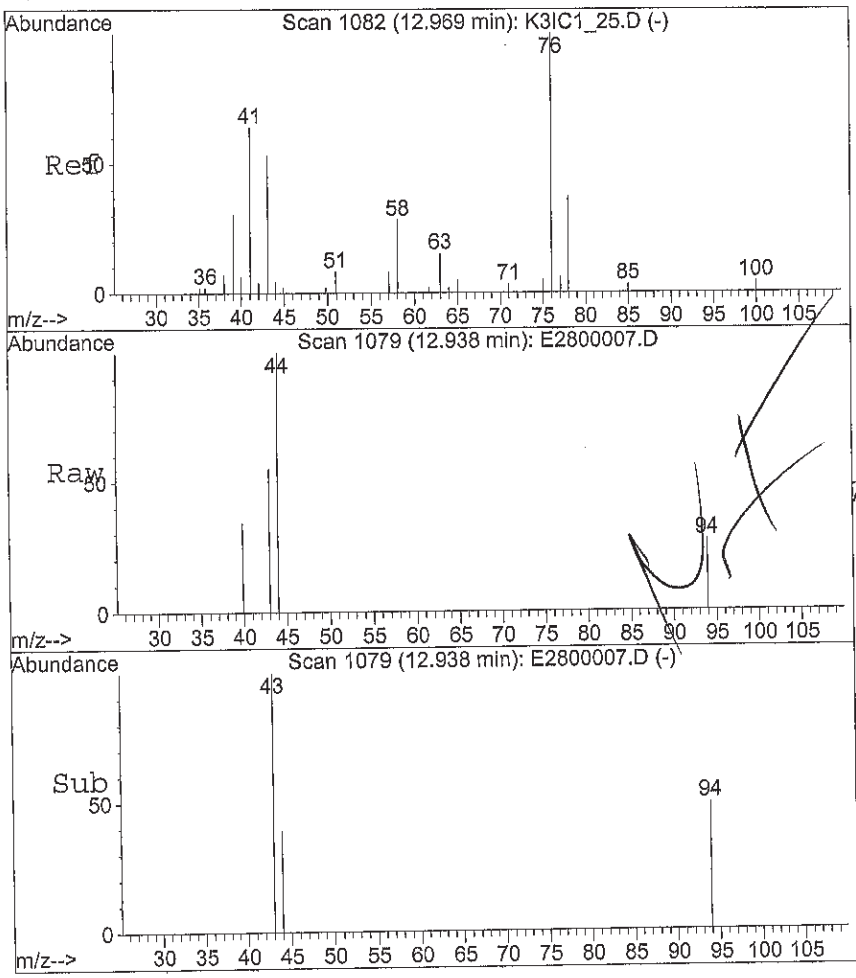


#41
Toluene
Concen: 0.16 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.00 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 91 Resp: 3040

Ion	Ratio	Lower	Upper
91	100		
92	42.3	47.4	71.0#

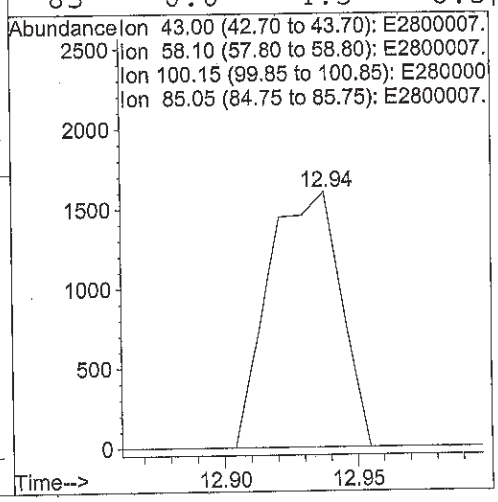


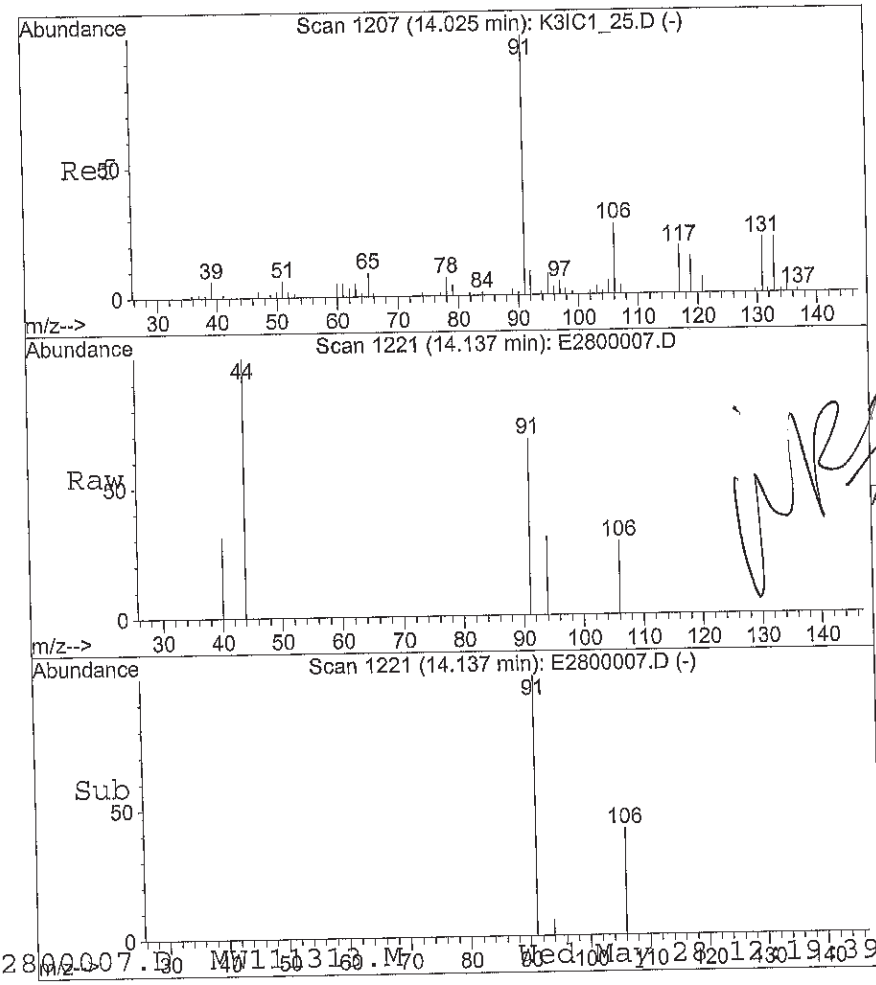


#46
2-Hexanone
Concen: 0.98 ug/L
RT: 12.94 min Scan# 1079
Delta R.T. -0.03 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 43 Resp: 3004

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

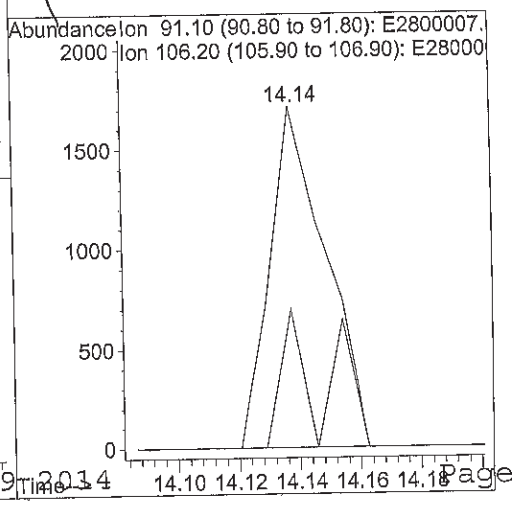


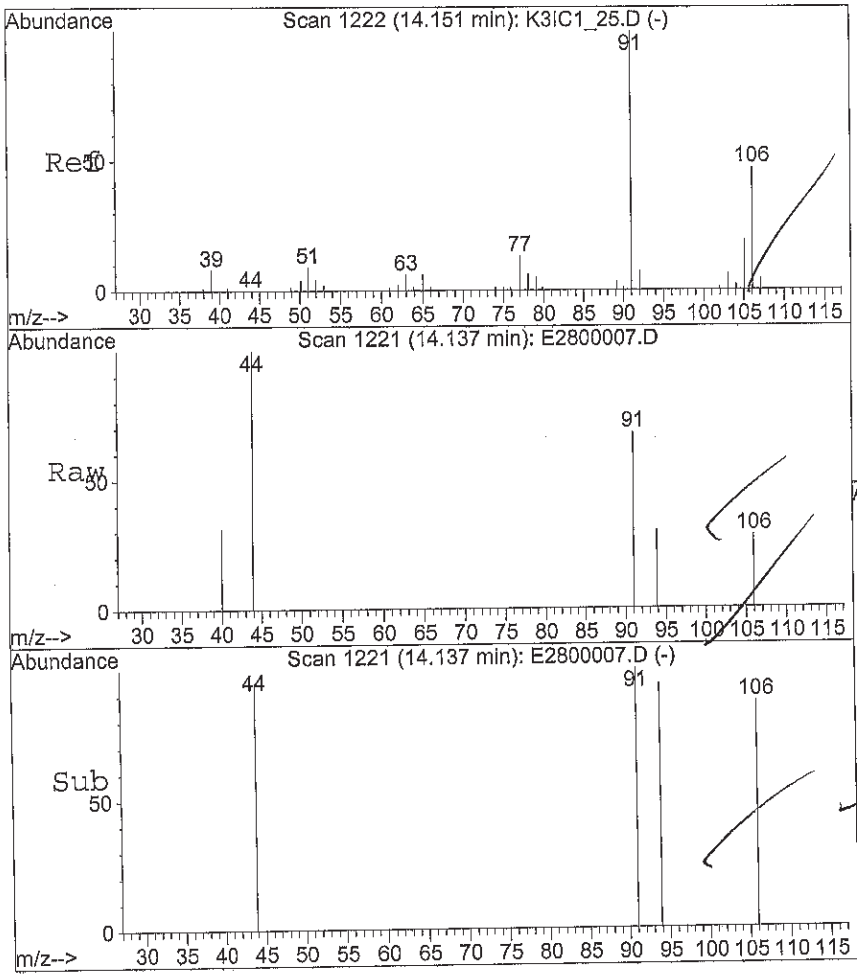


#51
Ethylbenzene
Concen: 0.10 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. 0.11 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 91 Resp: 2182

Ion	Ratio	Lower	Upper
91	100		
106	31.3	23.5	35.3

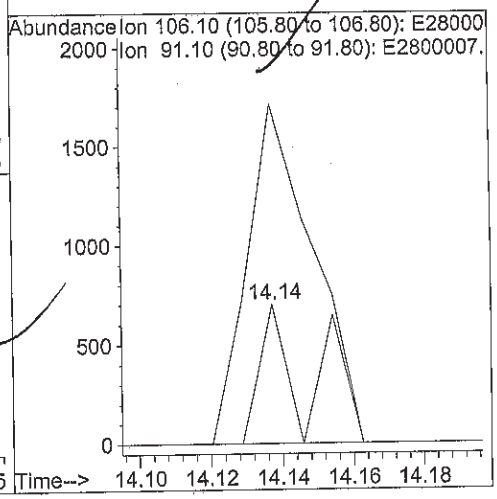


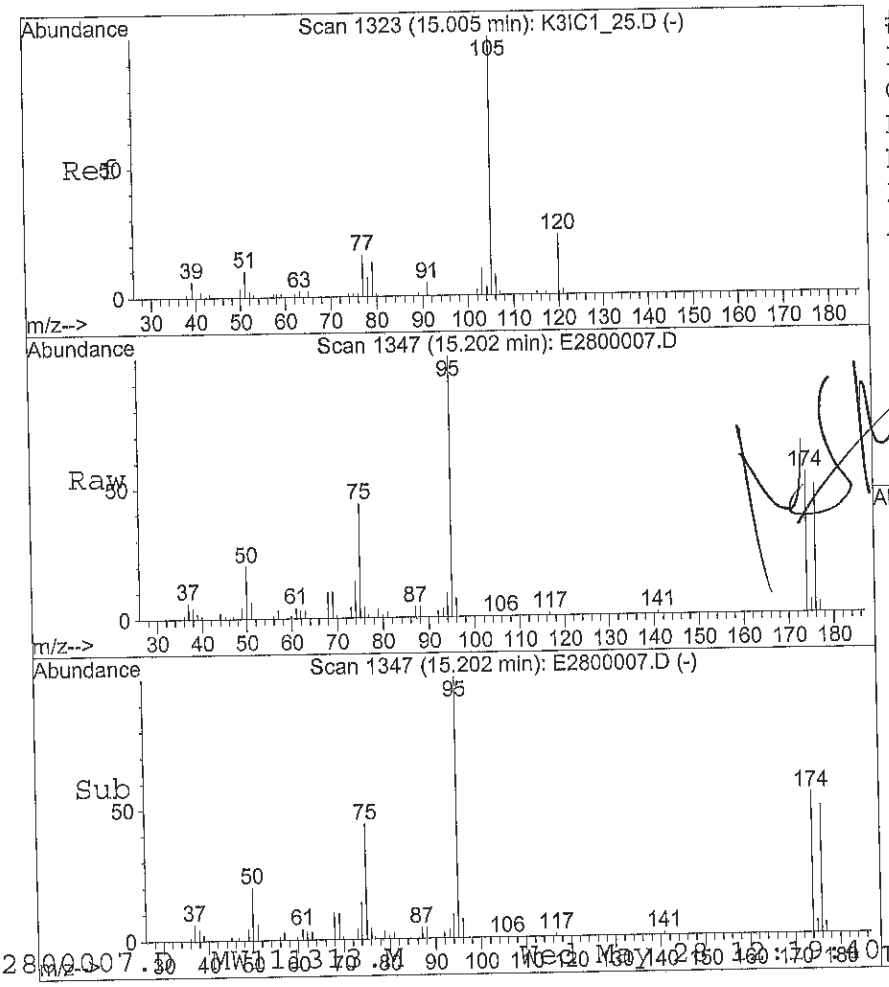


#52
m,p-Xylenes
Concen: 0.09 ug/L
RT: 14.14 min Scan# 1221
Delta R.T. -0.01 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion:106 Resp: 682

Ion	Ratio	Lower	Upper
106	100		
91	319.9	177.1	265.7#

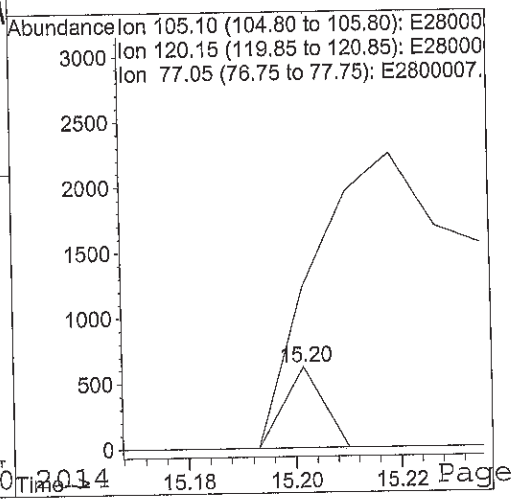


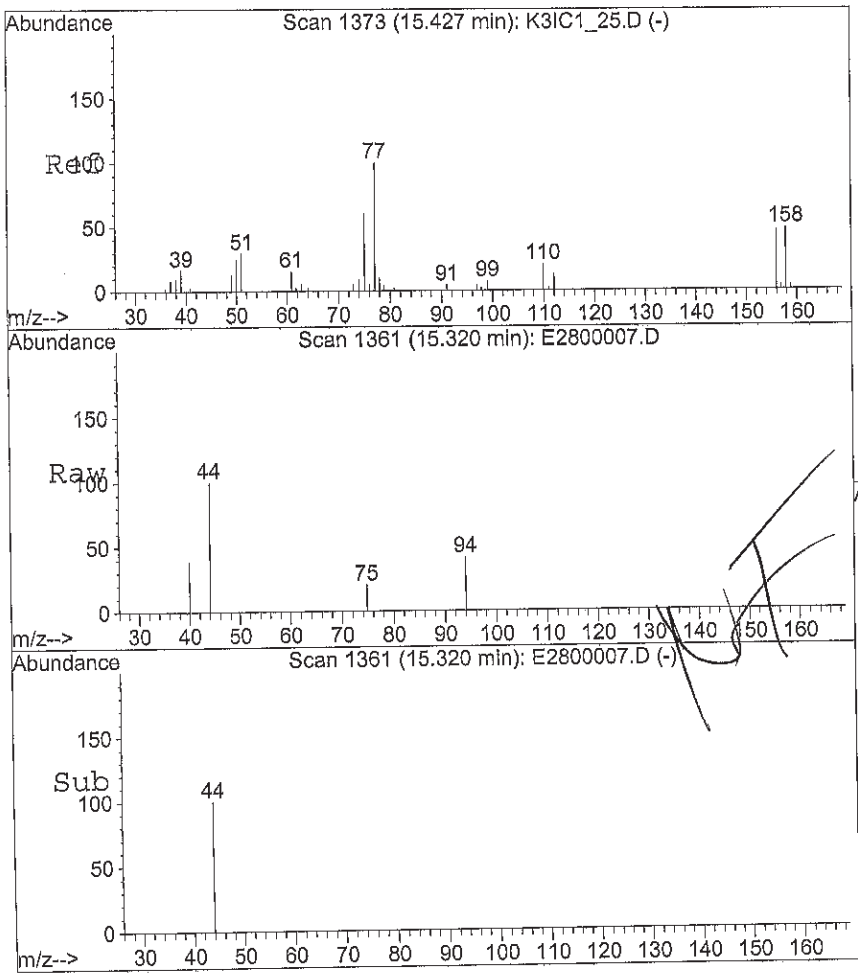


#56
Isopropylbenzene
Concen: 0.02 ug/L
RT: 15.20 min Scan# 1347
Delta R.T. 0.20 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion:105 Resp: 313

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	1406.1	13.1	19.7#

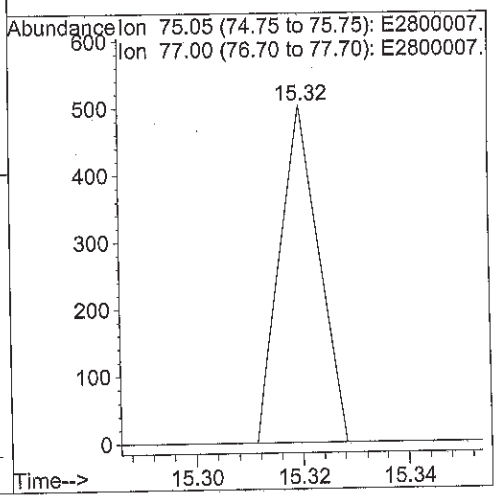


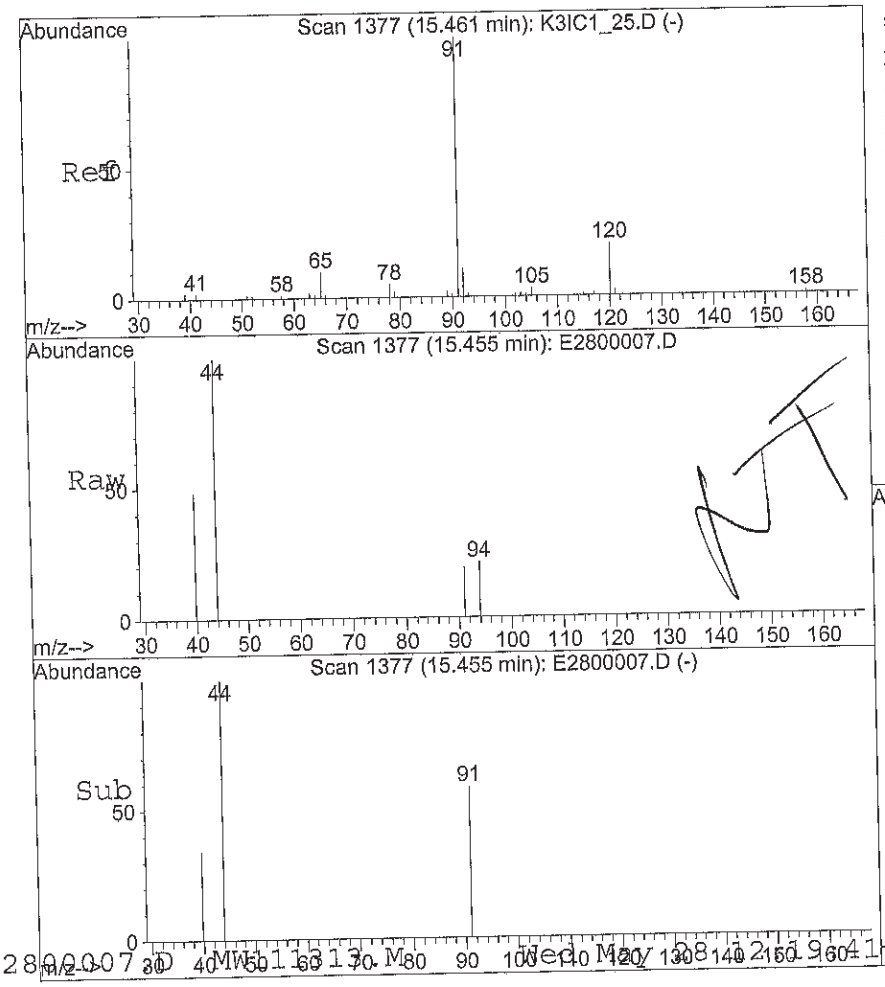


#57
1,2,3-Trichloropropane
Concen: 0.04 ug/L
RT: 15.32 min Scan# 1361
Delta R.T. -0.11 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 75 Resp: 255

Ion	Ratio	Lower	Upper
75	100		
77	0.0	31.2	46.8#

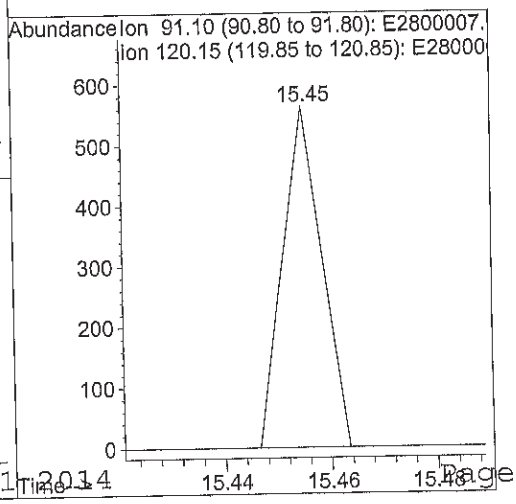


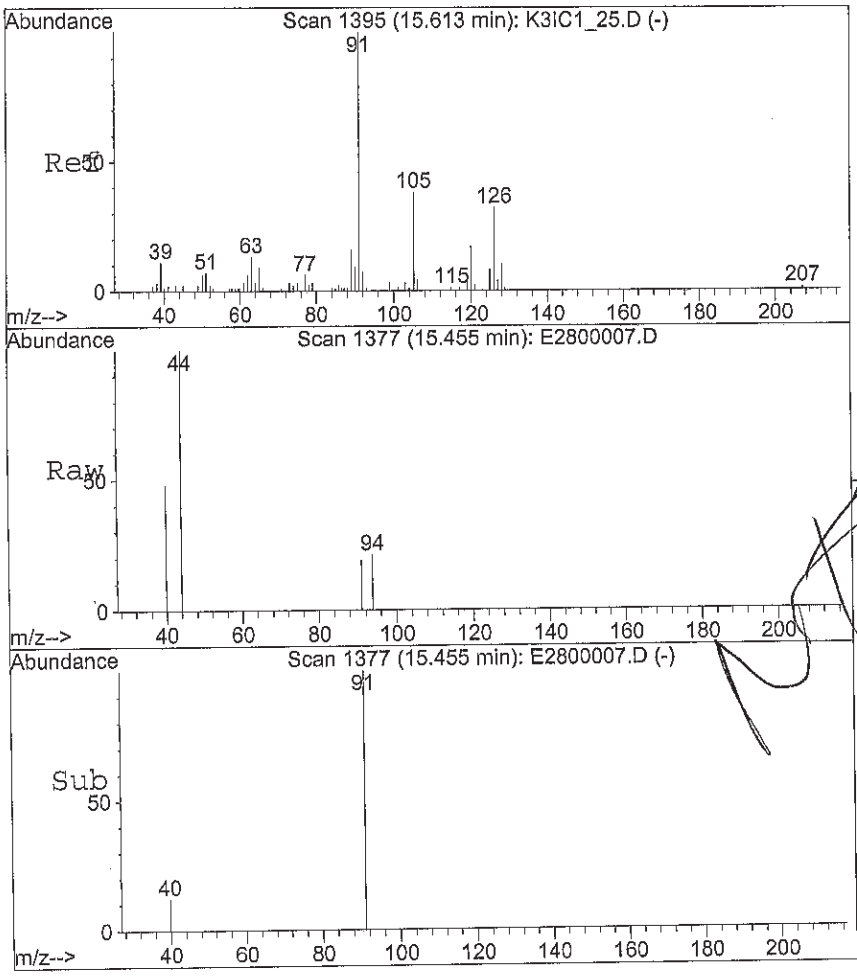


#62
n-Propylbenzene
Concen: 0.01 ug/L
RT: 15.45 min Scan# 1377
Delta R.T. -0.01 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 91 Resp: 285

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

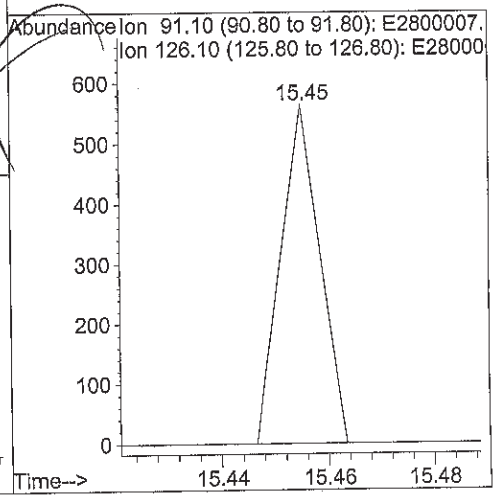


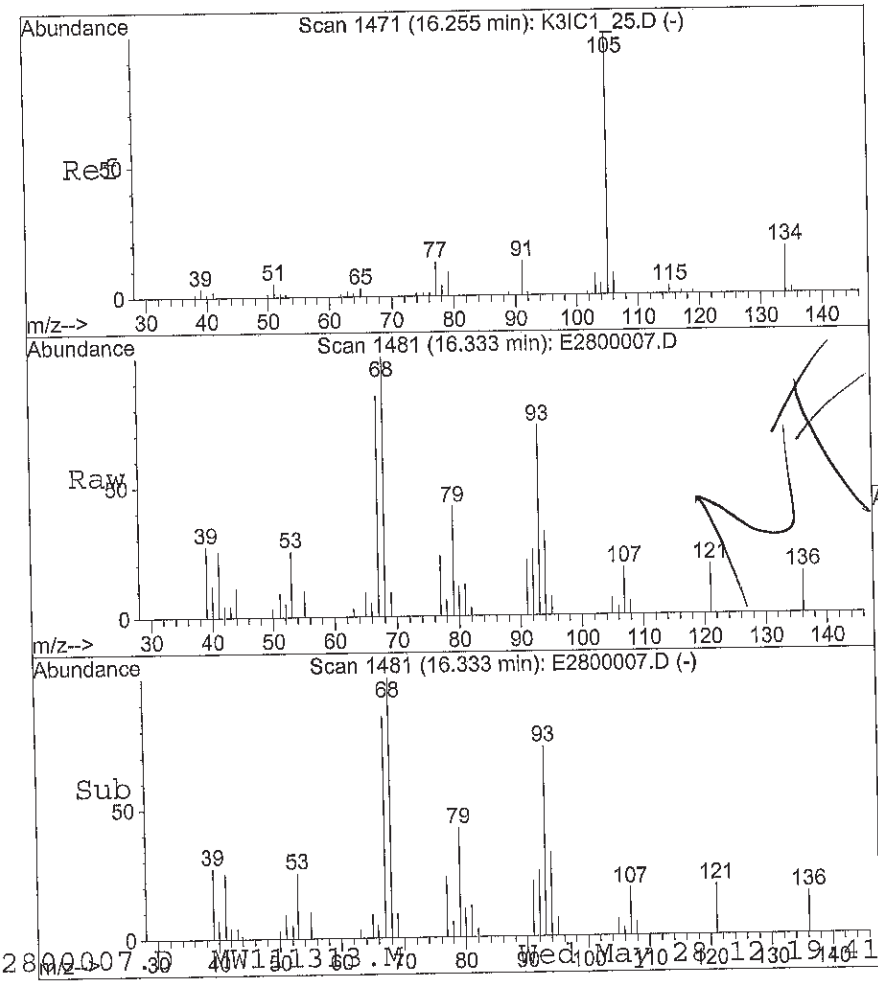


#63
2-Chlorotoluene
Concen: 0.02 ug/L
RT: 15.45 min Scan# 1377
Delta R.T. -0.16 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion: 91 Resp: 285

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

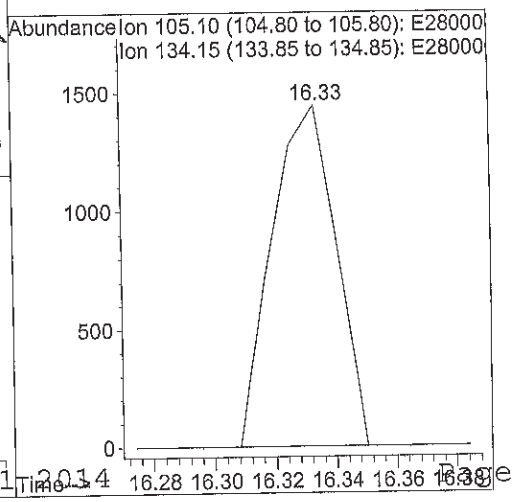


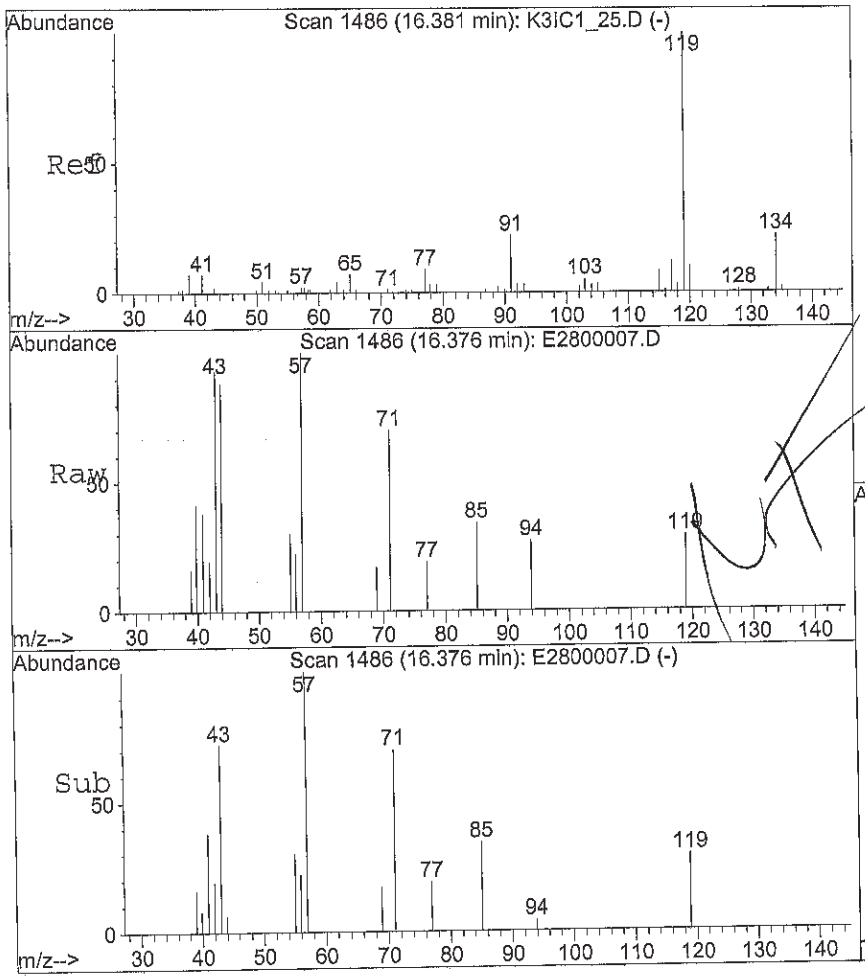


#68
sec-Butylbenzene
Concen: 0.09 ug/L
RT: 16.33 min Scan# 1481
Delta R.T. 0.08 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion:105 Resp: 2110

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#

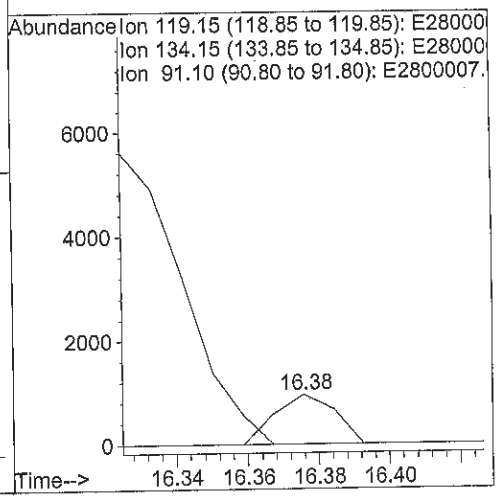




#69
p-Isopropyltoluene
Concen: 0.06 ug/L
RT: 16.38 min Scan# 1486
Delta R.T. -0.01 min
Lab File: E2800007.D
Acq: 28 May 2014 11:18 am

Tgt Ion:119 Resp: 1118

Ion	Ratio	Lower	Upper
119	100		
134	0.0	17.4	26.2#
91	0.0	19.6	29.4#



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800007.D Vial: 6
Acq On : 28 May 2014 11:18 am Operator: DN
Sample : 3E42801-06 Inst : GC/MS Ins
Misc : 100cc SVL-511-SA5D-SV-9.5-10.5 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 11:46 19114 Quant Results File: SS072713.RES

Quant Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1784446	12.50 ug/L	-0.03
7) Chlorobenzene-d5 (IS)	13.92	117	1395196	12.50 ug/L	-0.01
10) 1,4-Dichlorobenzene-d4 (IS	16.50	152	722995	12.50 ug/L	-0.01

System Monitoring Compounds

2) Dibromofluoromethane (SU1)	9.42	113	503819	10.86 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 86.88%		
3) Chloroform-d (SU6)	9.18	84	721792	10.84 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 86.72%		
4) Methylene Chloride-d2 (SU5	7.07	86	421187	10.82 ug/L	-0.01
Spiked Amount 12.500	Range 70 - 140		Recovery = 86.56%		
5) 1,2-Dichloroethane-d4 (SU2	9.90	65	471106	14.85 ug/L	0.00
Spiked Amount 12.500	Range 75 - 125		Recovery = 118.80%		
6) Benzene-d6 (SU7)	9.92	84	1418662	10.13 ug/L	-0.03
Spiked Amount 12.500	Range 70 - 140		Recovery = 81.04%		
8) Toluene-d8 (SU3)	12.20	98	1572941	11.88 ug/L	-0.02
Spiked Amount 12.500	Range 75 - 125		Recovery = 95.04%		
9) 4-Bromofluorobenzene (SU4)	15.22	95	748409	13.70 ug/L	-0.01
Spiked Amount 12.500	Range 75 - 125		Recovery = 109.60%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

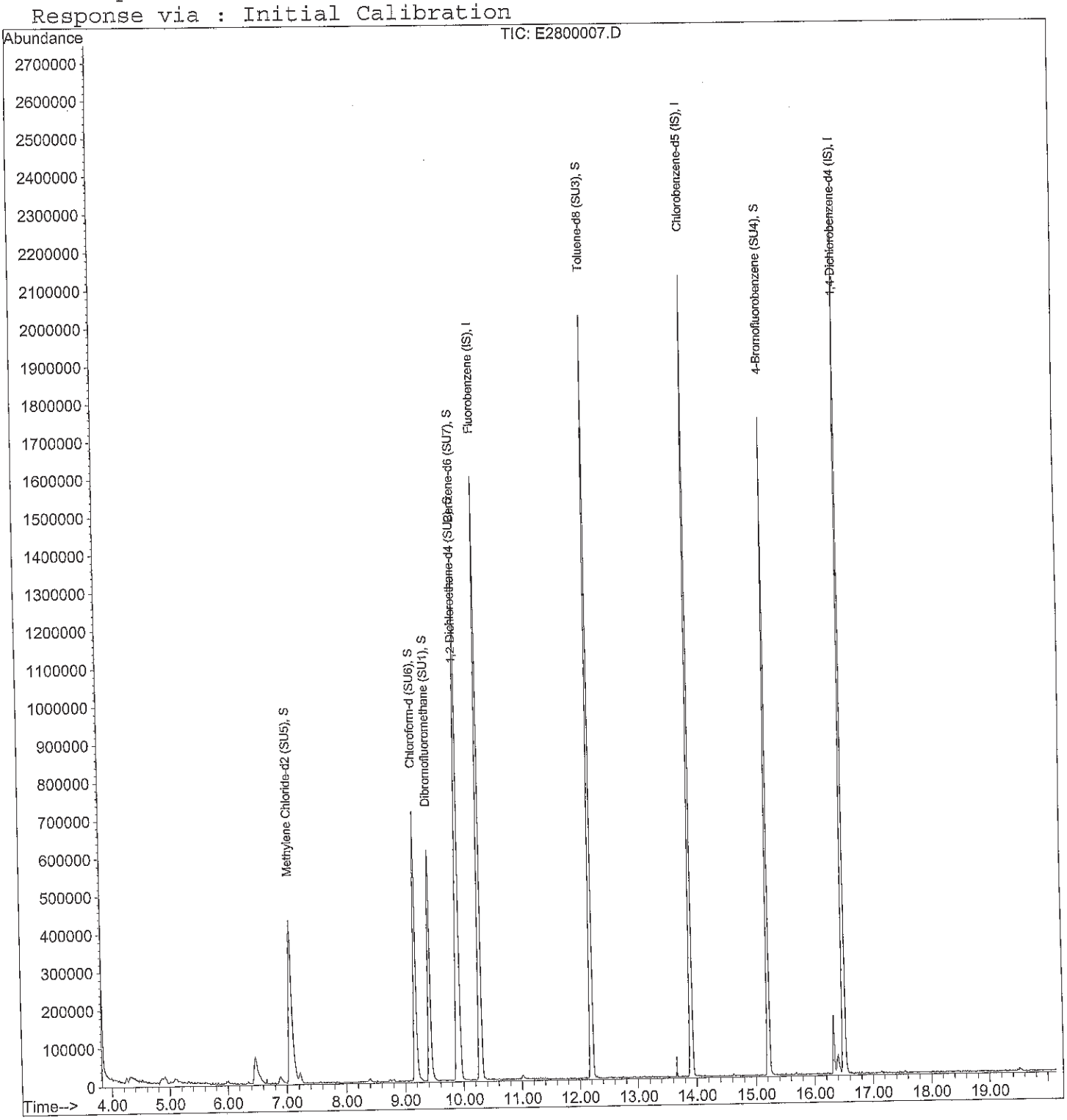
Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800007.D
Acq On : 28 May 2014 11:18 am
Sample : 3E42801-06
Misc : 100cc SVL-511-SA5D-SV-9.5-10.5
MS Integration Params: rteint.p
Quant Time: May 28 11:46 19114

Vial: 6
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00

Quant Results File: SS072713.RES

Method : C:\HPCHEM\1\METHODS\SS072713.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL SSSF 07/27/13 DN
Last Update : Mon Nov 18 10:31:39 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800008.D
Acq On : 28 May 2014 11:47 am
Sample : 3E42801-07
Misc : 100cc SVL-516-SA5D-SV-6.0-7.0
MS Integration Params: rteint.p
Quant Time: May 28 12:21 19114

Vial: 7
Operator: DN
Inst : GC/MS Ins
Multiplr: 10.00
Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

AP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	10.29	96	1702842	12.50 ug/L	0.00
38) Chlorobenzene-d5 (IS)	13.92	117	1327452	12.50 ug/L	0.00
59) 1,4-Dichlorobenzene-d4 (IS	16.51	152	706606	12.50 ug/L	0.00
System Monitoring Compounds					
2) Dibromofluoromethane (SU1)	9.43	113	476094	11.21 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125			Recovery =	89.68%	
28) 1,2-Dichloroethane-d4 (SU2	9.90	65	450359	11.16 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125			Recovery =	89.28%	
39) Toluene-d8 (SU3)	12.21	98	1487149	12.01 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125			Recovery =	96.08%	
58) 4-Bromofluorobenzene (SU4)	15.22	95	713660	13.14 ug/L	0.00
Spiked Amount 12.500 Range 75 - 125			Recovery =	105.12%	

Target Compounds					Qvalue
4) Chloromethane	4.40	50	2285	-0.42 ~~ug/L #~~ DSM	41
6) Bromomethane	5.25	96	1364	-1.05 ~~ug/L~~	91
7) Chloroethane	5.03	64	984	1.38 ~~ug/L~~	89
9) (F113) 1,1,2-Trichloro-tri	6.33	151	1099	0.33 ug/L #0.0066	19
11) Acetone	6.47	58	4411	1.56 ~~ug/L #~~	88
12) (IPA) Leak Check Compound	6.48	45	151076	738.32 ~~ug/L #~~ DSM	83
13) Carbon disulfide	6.83	76	482	0.03 ~~ug/L #~~	76
14) Methylene Chloride	7.08	84	5529	1.18 ~~ug/L #~~	1
15) (TBA) tert-Butanol	6.90	59	2162	7.44 ~~ug/L #~~	77
24) Chloroform	9.21	83	2118	0.24 ~~ug/L #~~ DSM	76
29) 1,1-Dichloropropene	9.93	75	458	0.07 ~~ug/L #~~	1
31) Benzene	9.93	78	10123	0.63 ~~ug/L #~~	81
32) 1,2-Dichloroethane	9.93	62	6954	1.23 ~~ug/L #~~	1
40) (MIBK) 4-Methyl-2-Pentanon	12.21	43	7168	2.71 ~~ug/L #~~	100
41) Toluene	12.29	91	2320	0.13 ug/L 0.0026	98
46) 2-Hexanone	12.93	43	2227	0.77 ~~ug/L #~~	37
51) Ethylbenzene	14.02	91	1536	0.07 ~~ug/L #~~ DSM	45
52) m,p-Xylenes	14.15	106	281	0.04 ug/L #0.0008	1
53) o-Xylene	14.61	106	275	0.04 ug/L #0.0008	1
54) Styrene	14.62	104	1523	-0.73 ~~ug/L #~~ DSM	50
56) Isopropylbenzene	15.23	105	1208	0.06 ~~ug/L #~~	1
62) n-Propylbenzene	15.47	91	506	0.02 ~~ug/L #~~	56

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\052814L3\E2800008.D Vial: 7
Acq On : 28 May 2014 11:47 am Operator: DN
Sample : 3E42801-07 Inst : GC/MS Ins
Misc : 100cc SVL-516-SA5D-SV-6.0-7.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 12:21 19114 Quant Results File: MW111313.RES

Quant Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration
DataAcq Meth : MW111313

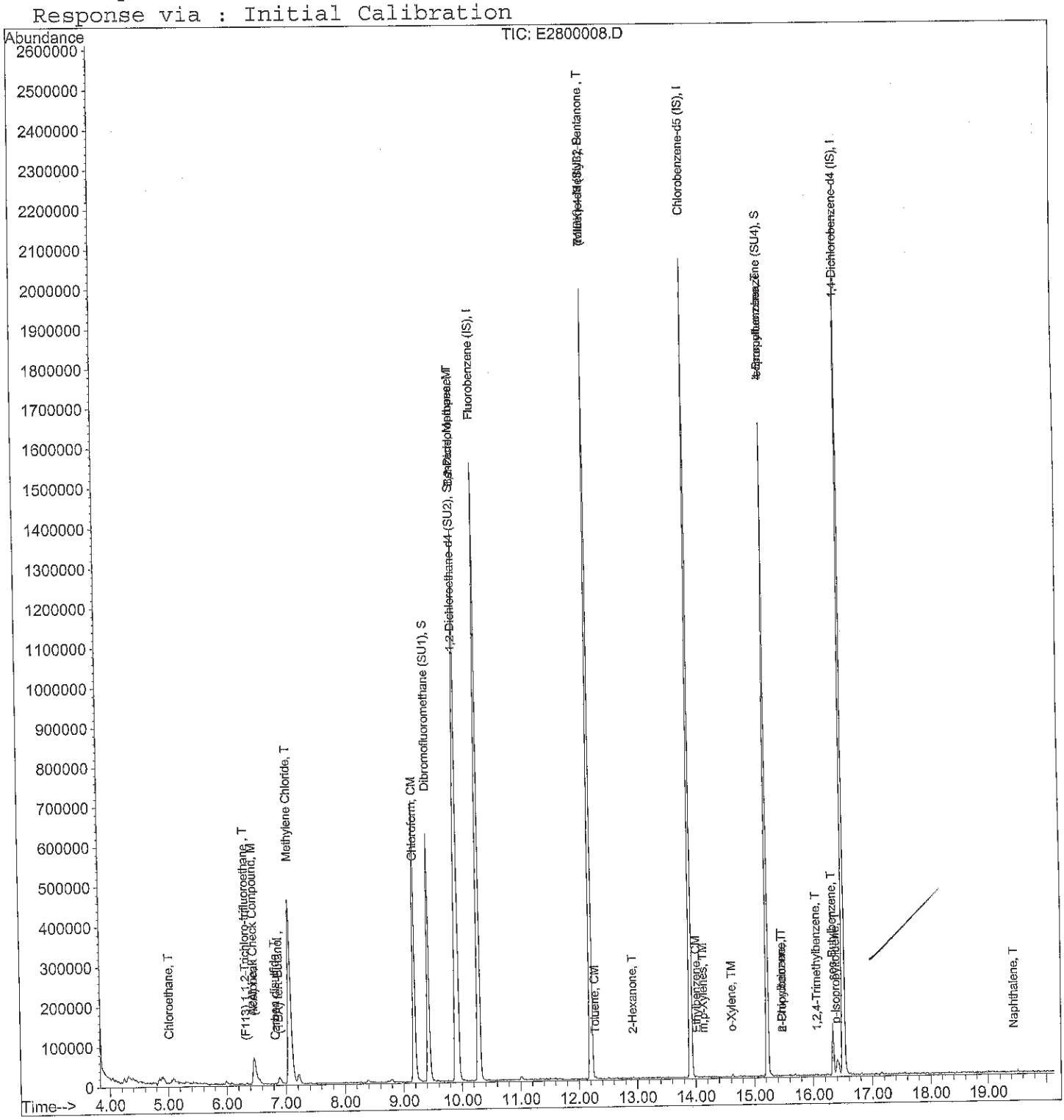
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
63) 2-Chlorotoluene	15.47	91	506	0.03 ~~ug/L~~ ~~#~~ DM	45
67) 1,2,4-Trimethylbenzene	16.07	105	399	0.02 ~~ug/L~~ #	33
68) sec-Butylbenzene	16.34	105	1218	0.05 ~~ug/L~~ #	62
69) p-Isopropyltoluene	16.38	119	423	0.02 ~~ug/L~~ #	52
77) Naphthalene	19.44	128	276	0.02 ~~ug/L~~	100

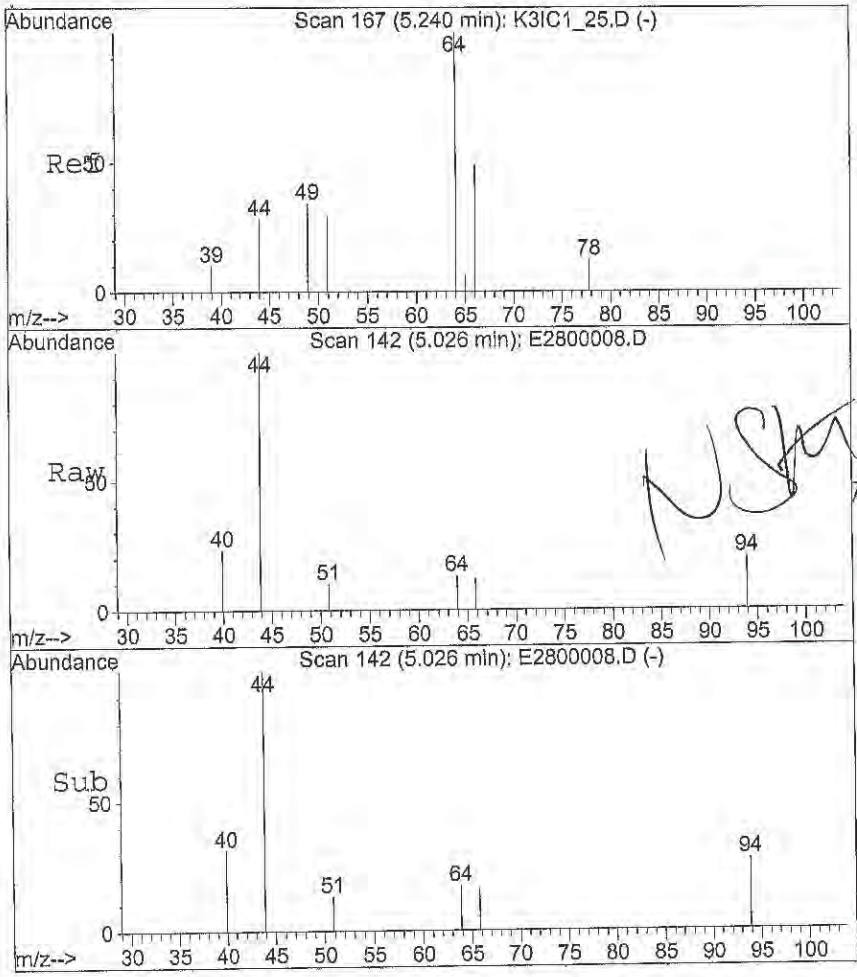
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\052814L3\E2800008.D Vial: 7
Acq On : 28 May 2014 11:47 am Operator: DN
Sample : 3E42801-07 Inst : GC/MS Ins
Misc : 100cc SVL-516-SA5D-SV-6.0-7.0 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: May 28 12:21 19114 Quant Results File: MW111313.RES

Method : C:\HPCHEM\1\METHODS\MW111313.M (RTE Integrator)
Title : 8260B GC/MS #3 ICAL 11/13/13 DN
Last Update : Wed Nov 13 19:38:32 2013
Response via : Initial Calibration

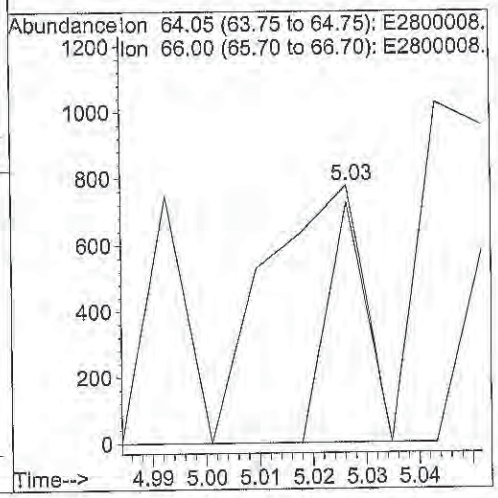


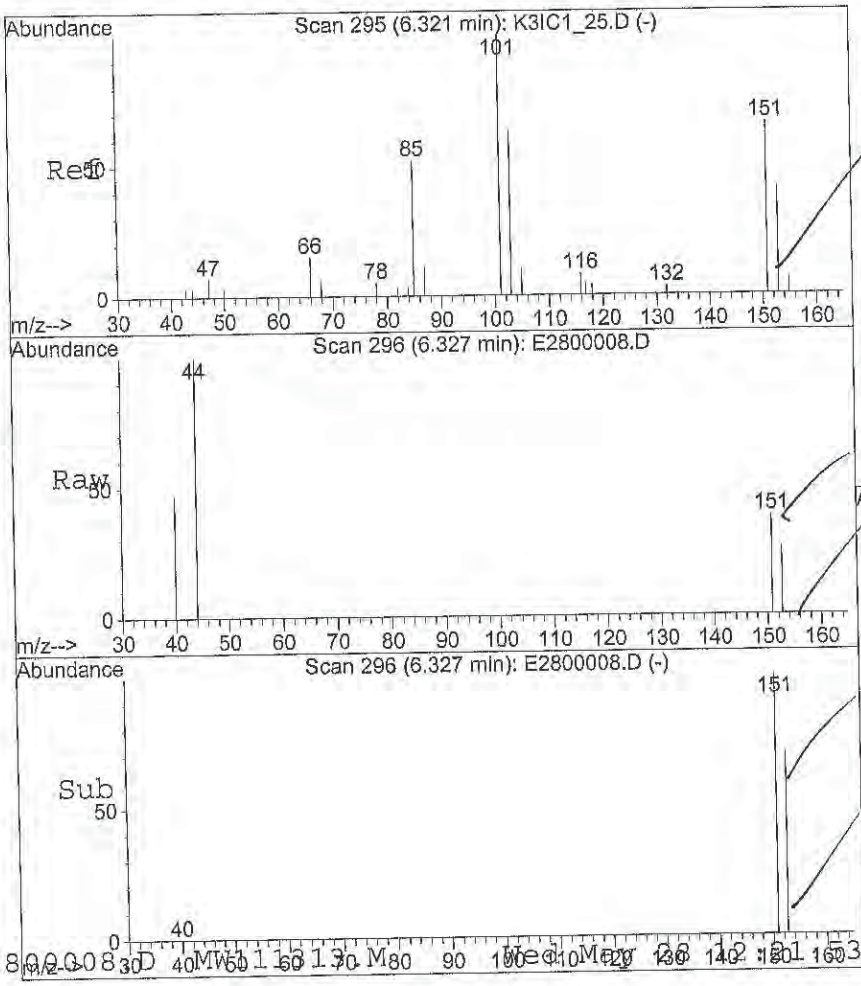


#7
Chloroethane
Concen: 1.38 ug/L
RT: 5.03 min Scan# 142
Delta R.T. -0.21 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 64 Resp: 984

Ion	Ratio	Lower	Upper
64	100		
66	37.3	35.4	53.0

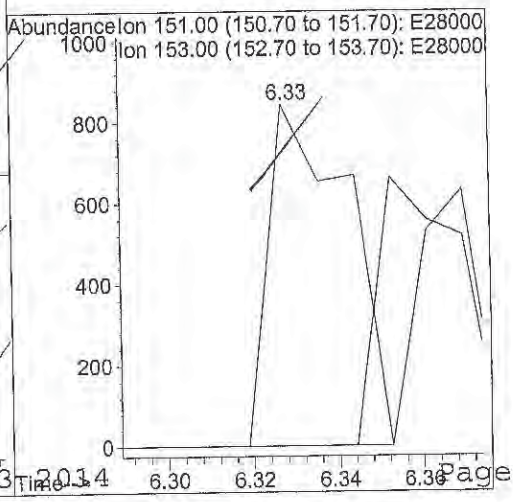


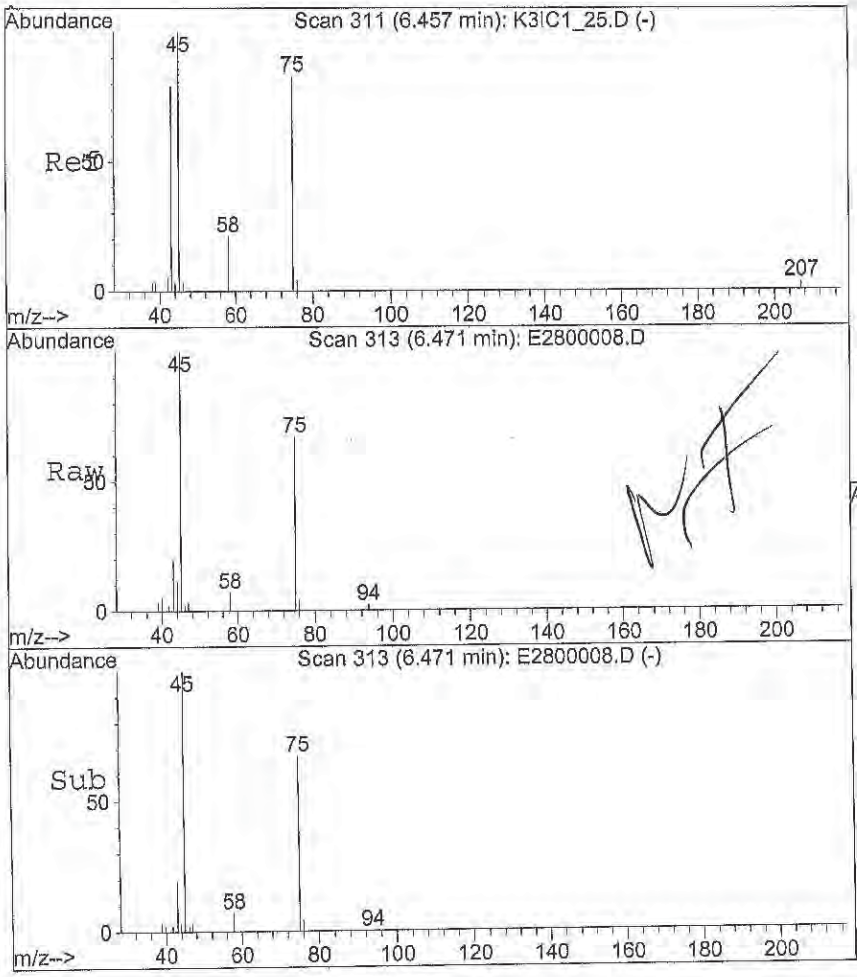


#9
(F113) 1,1,2-Trichloro-trifluor
Concen: 0.33 ug/L
RT: 6.33 min Scan# 296
Delta R.T. 0.01 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion:151 Resp: 1099

Ion	Ratio	Lower	Upper
151	100		
153	0.0	49.6	74.4#

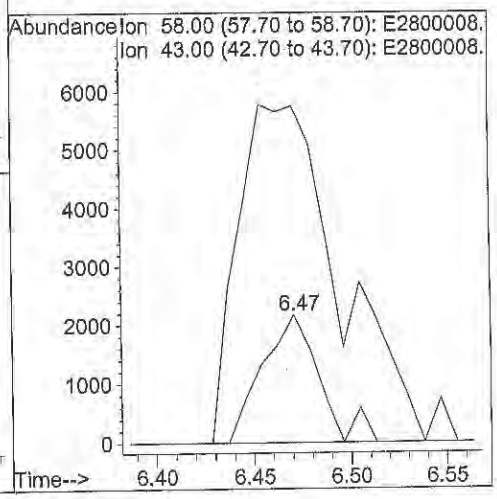


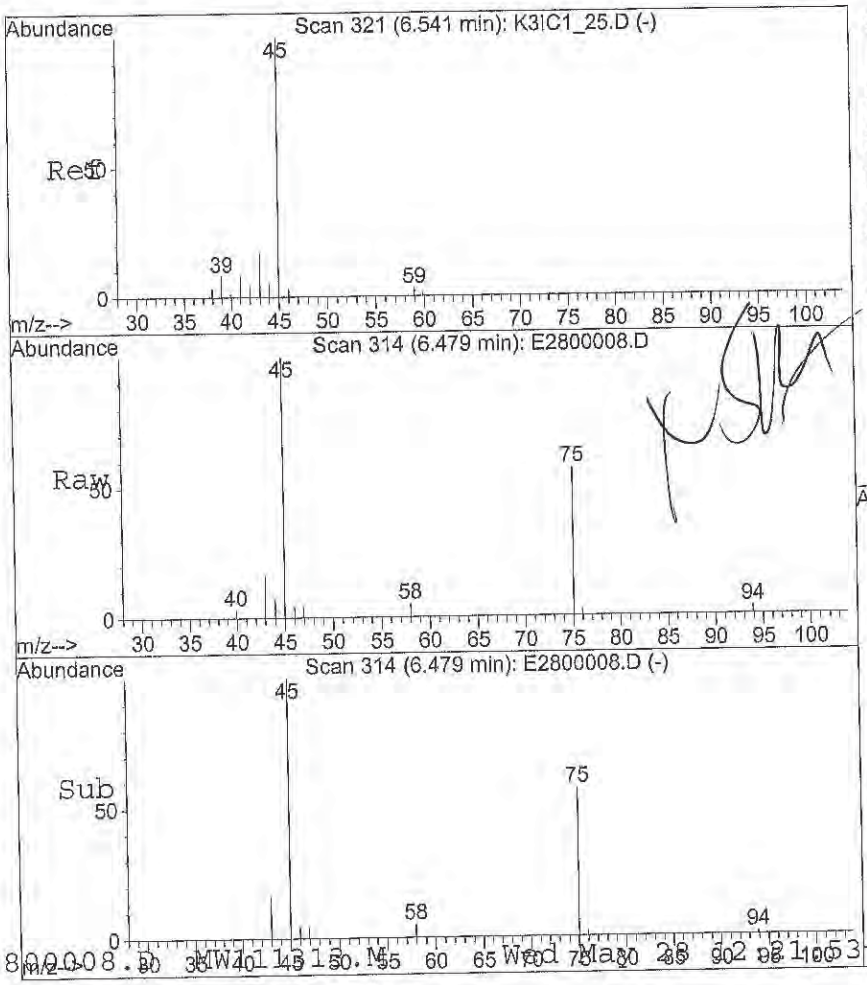


#11
Acetone
Concen: 1.56 ug/L
RT: 6.47 min Scan# 313
Delta R.T. 0.01 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 58 Resp: 4411

Ion	Ratio	Lower	Upper
58	100		
43	480.9	360.9	541.3

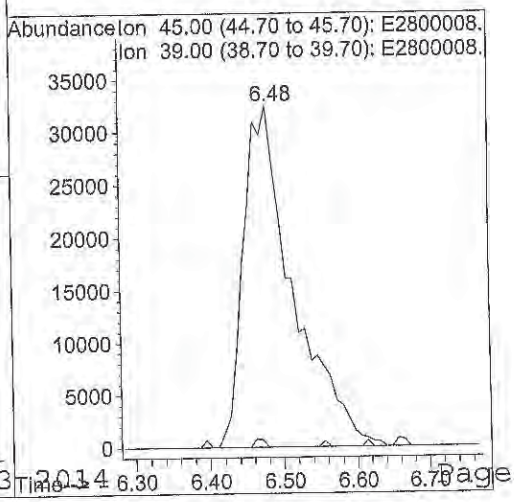


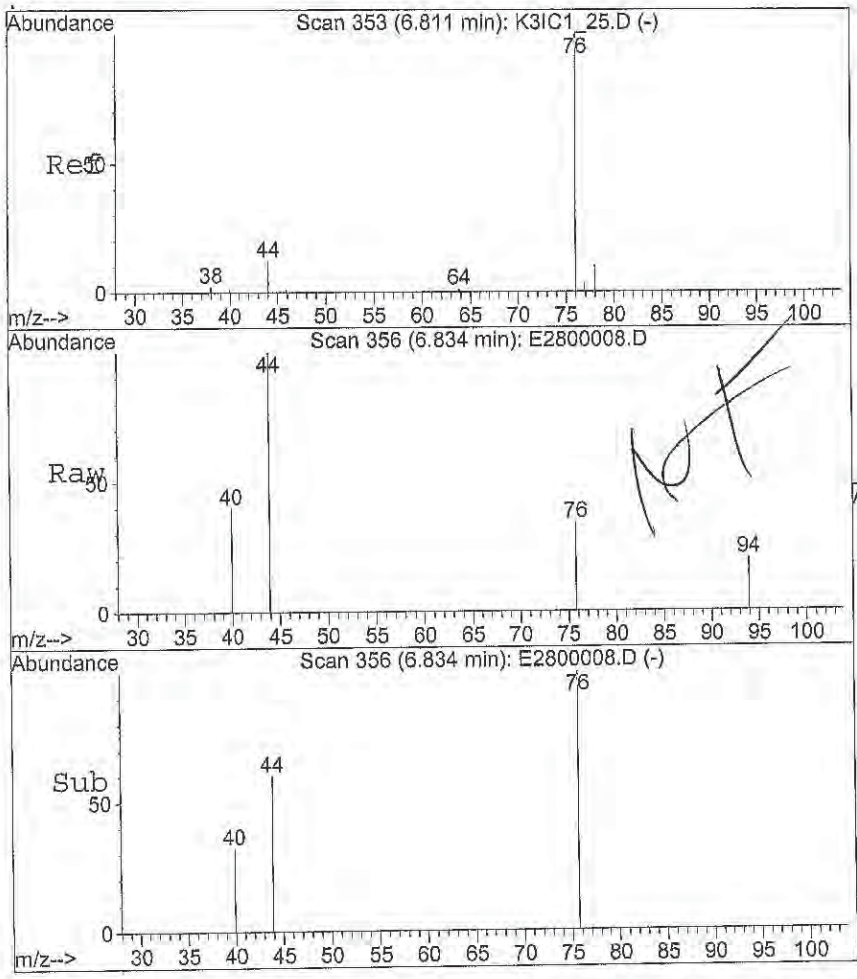


#12
(IPA) Leak Check Compound
Concen: 738.32 ug/L
RT: 6.48 min Scan# 314
Delta R.T. -0.06 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 45 Resp: 151076

Ion	Ratio	Lower	Upper
45	100		
39	0.5	4.9	7.3#

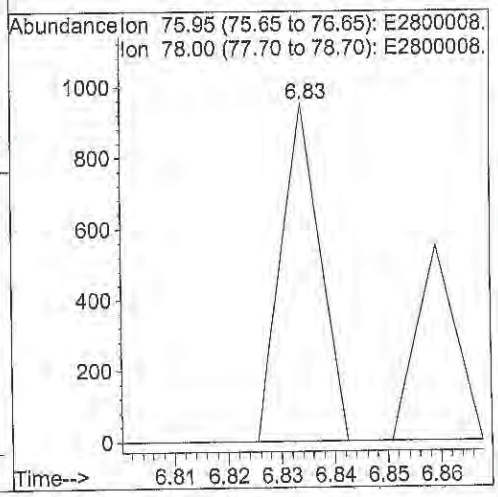


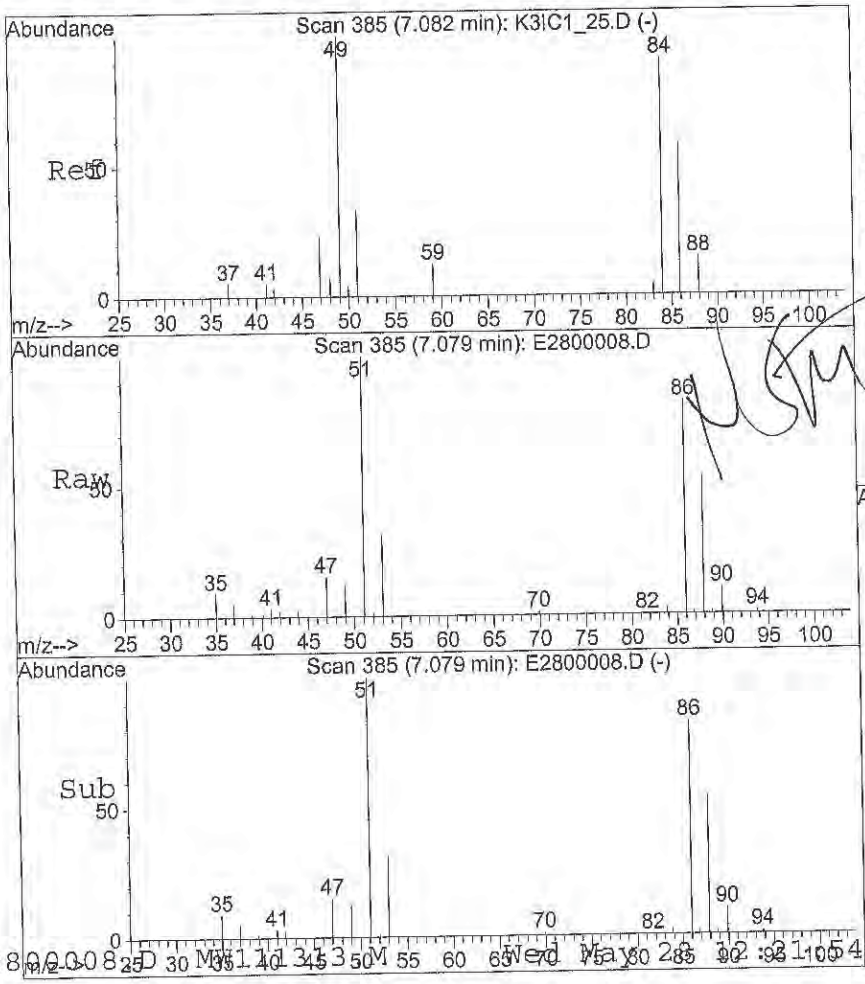


#13
Carbon disulfide
Concen: 0.03 ug/L
RT: 6.83 min Scan# 356
Delta R.T. 0.02 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 76 Resp: 482

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

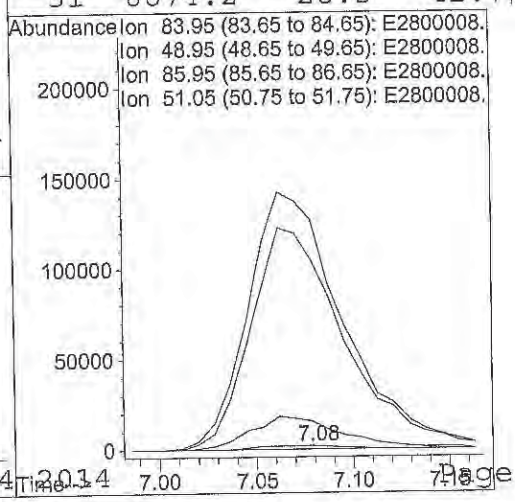


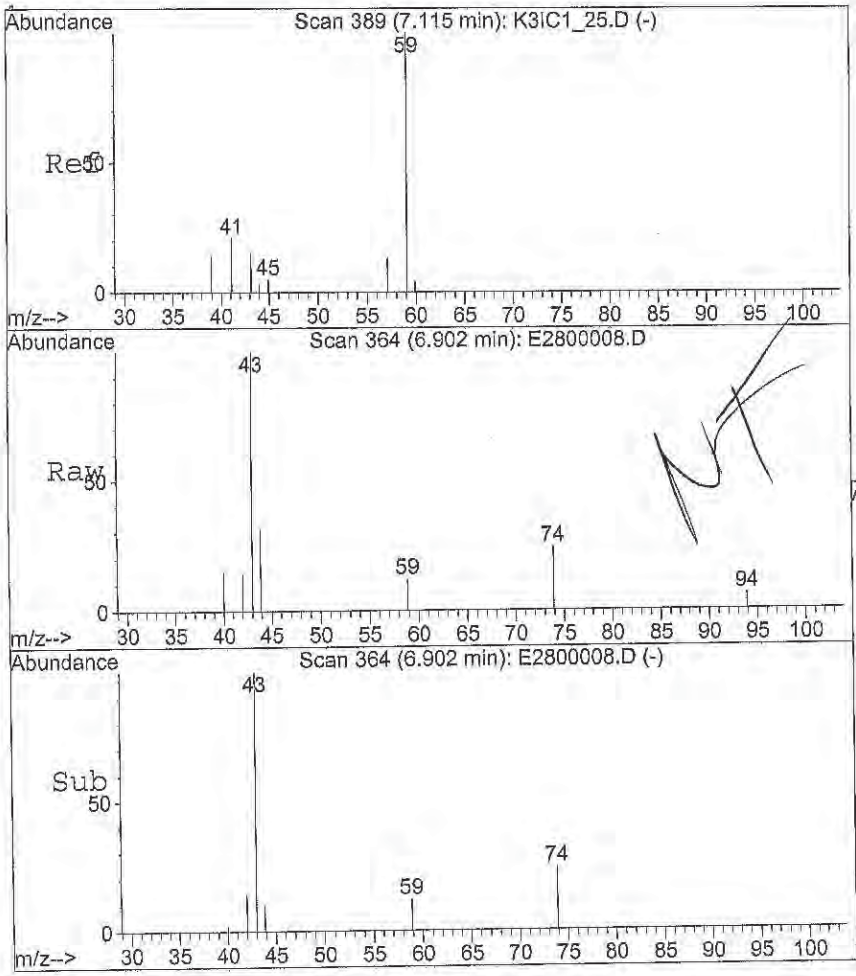


#14
Methylene Chloride
Concen: 1.18 ug/L
RT: 7.08 min Scan# 385
Delta R.T. -0.00 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 84 Resp: 5529

Ion	Ratio	Lower	Upper
84	100		
49	1069.4	89.8	134.6#
86	7505.3	51.1	76.7#
51	8874.2	28.5	42.7#

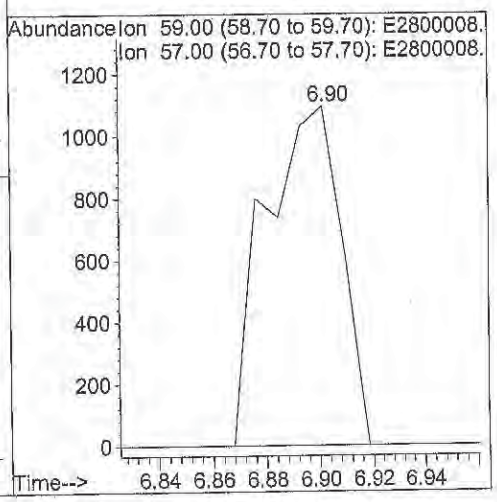


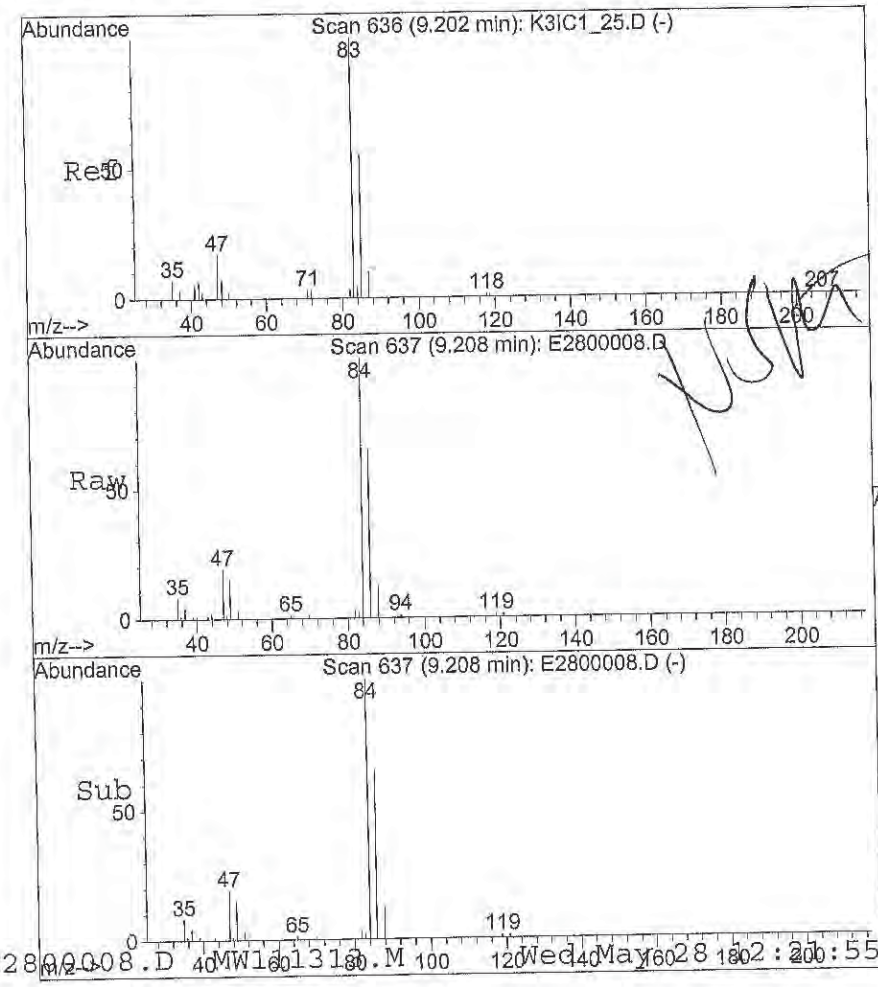


#15
(TBA) tert-Butanol
Concen: 7.44 ug/L
RT: 6.90 min Scan# 364
Delta R.T. -0.21 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 59 Resp: 2162

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

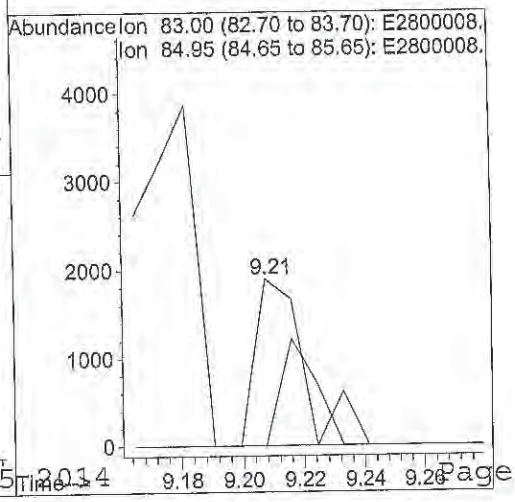


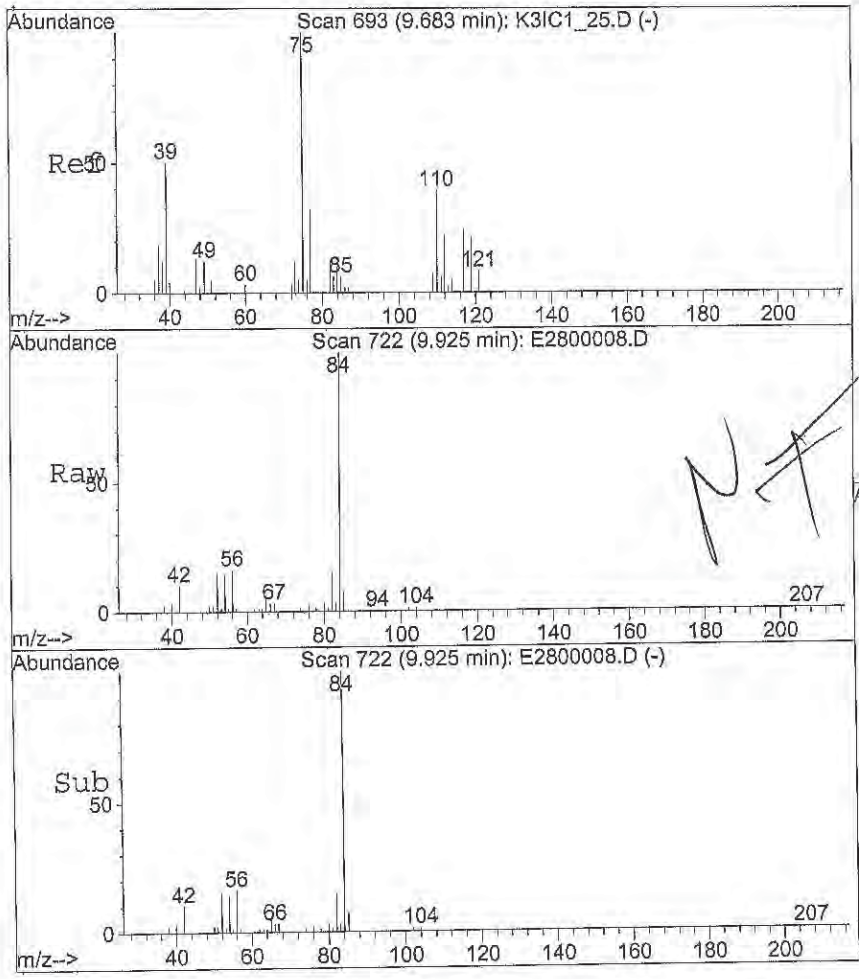


#24
Chloroform
Concen: 0.24 ug/L
RT: 9.21 min Scan# 637
Delta R.T. 0.01 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 83 Resp: 2118

Ion	Ratio	Lower	Upper
83	100		
85	45.9	51.8	77.6#

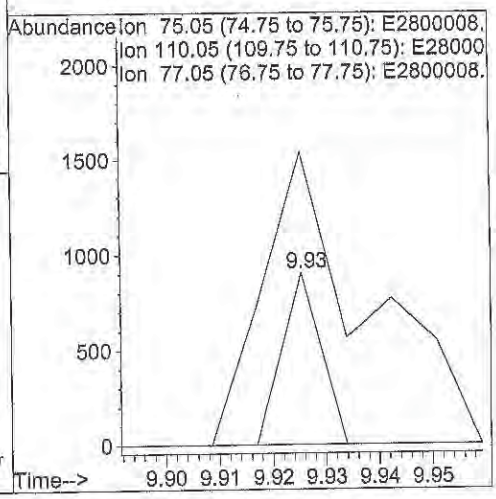


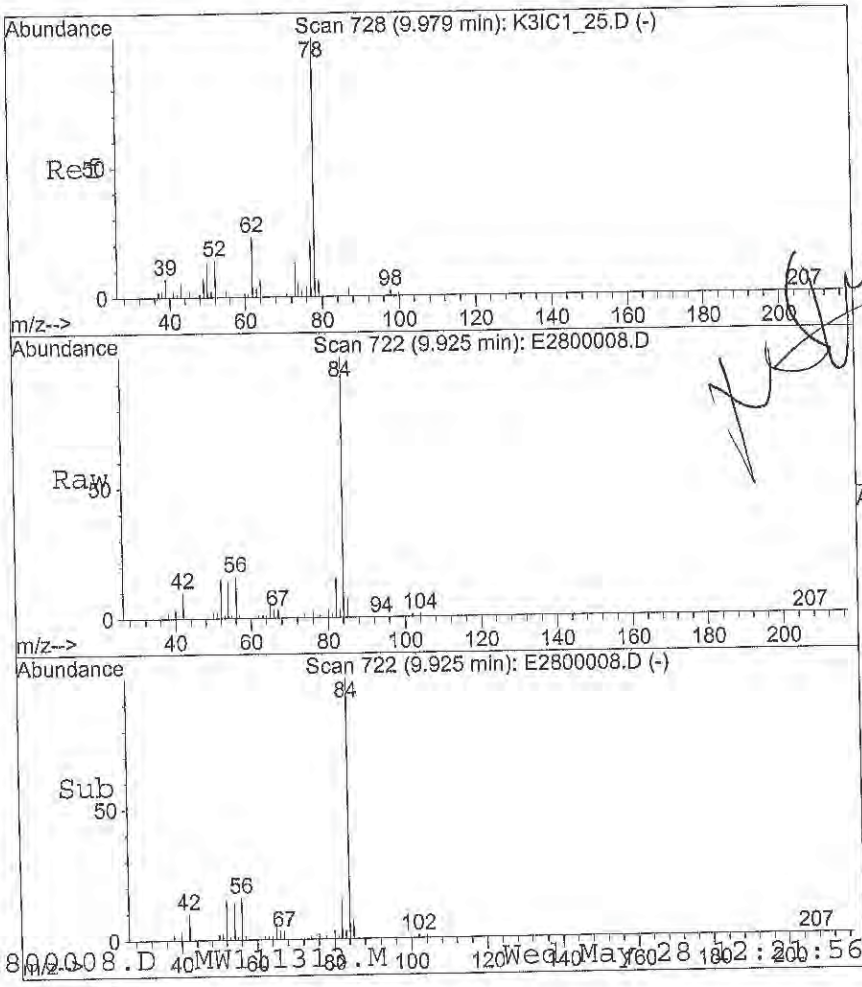


#29
1,1-Dichloropropene
Concen: 0.07 ug/L
RT: 9.93 min Scan# 722
Delta R.T. 0.24 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 75 Resp: 458

Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.6#
77	458.5	25.0	37.4#

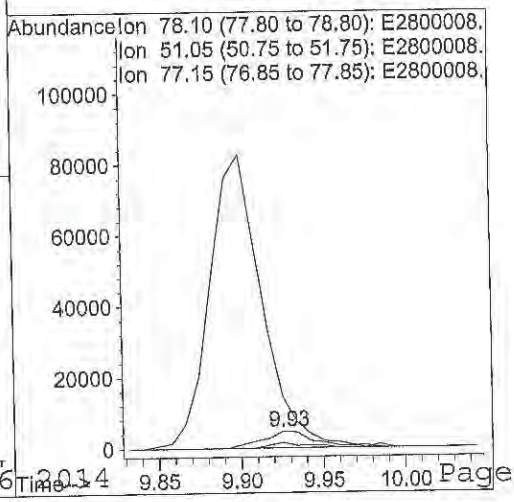


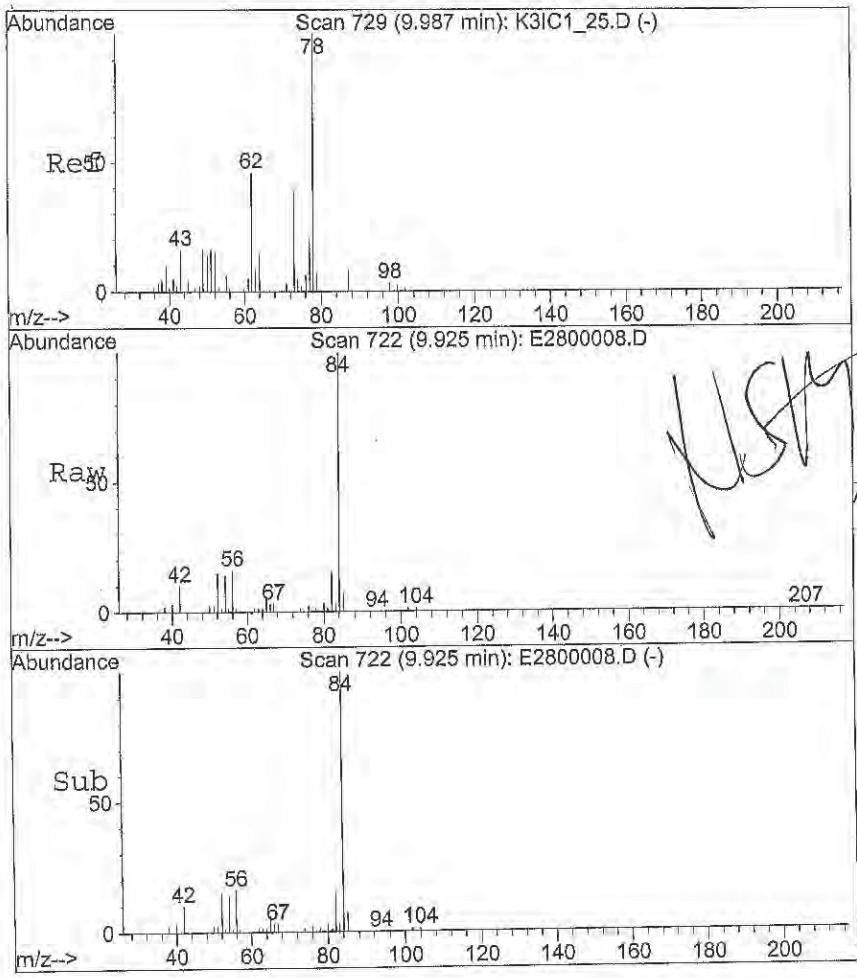


#31
Benzene
Concen: 0.63 ug/L
RT: 9.93 min Scan# 722
Delta R.T. -0.05 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 78 Resp: 10123

Ion	Ratio	Lower	Upper
78	100		
51	0.0	14.2	21.2#
77	20.7	16.6	24.8

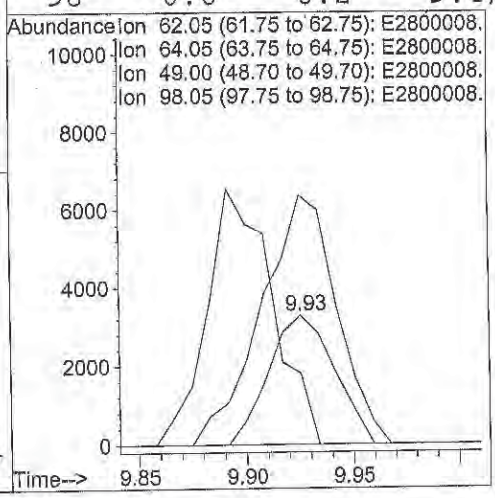


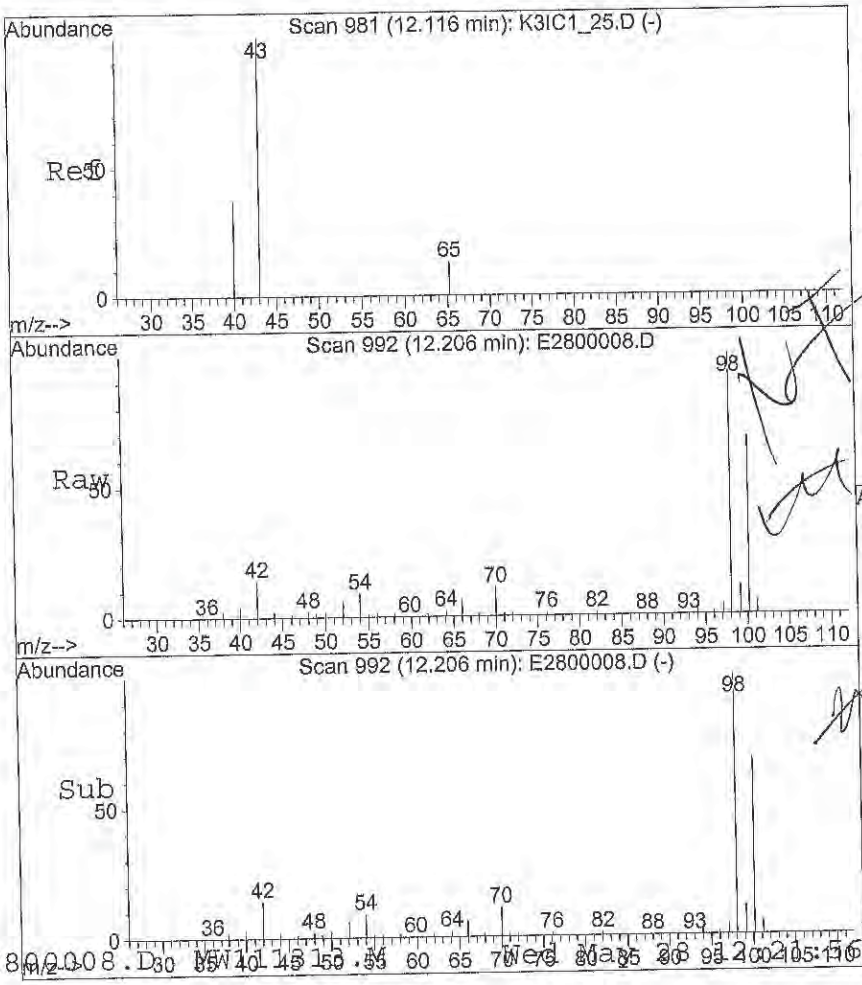


#32
1,2-Dichloroethane
Concen: 1.23 ug/L
RT: 9.93 min Scan# 722
Delta R.T. -0.06 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 62 Resp: 6954

Ion	Ratio	Lower	Upper
62	100		
64	222.9	28.0	42.0#
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

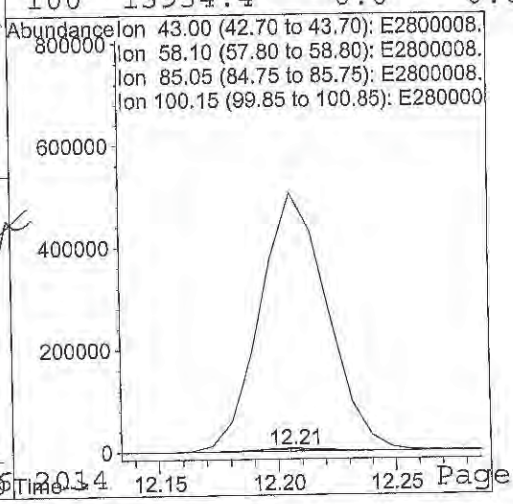


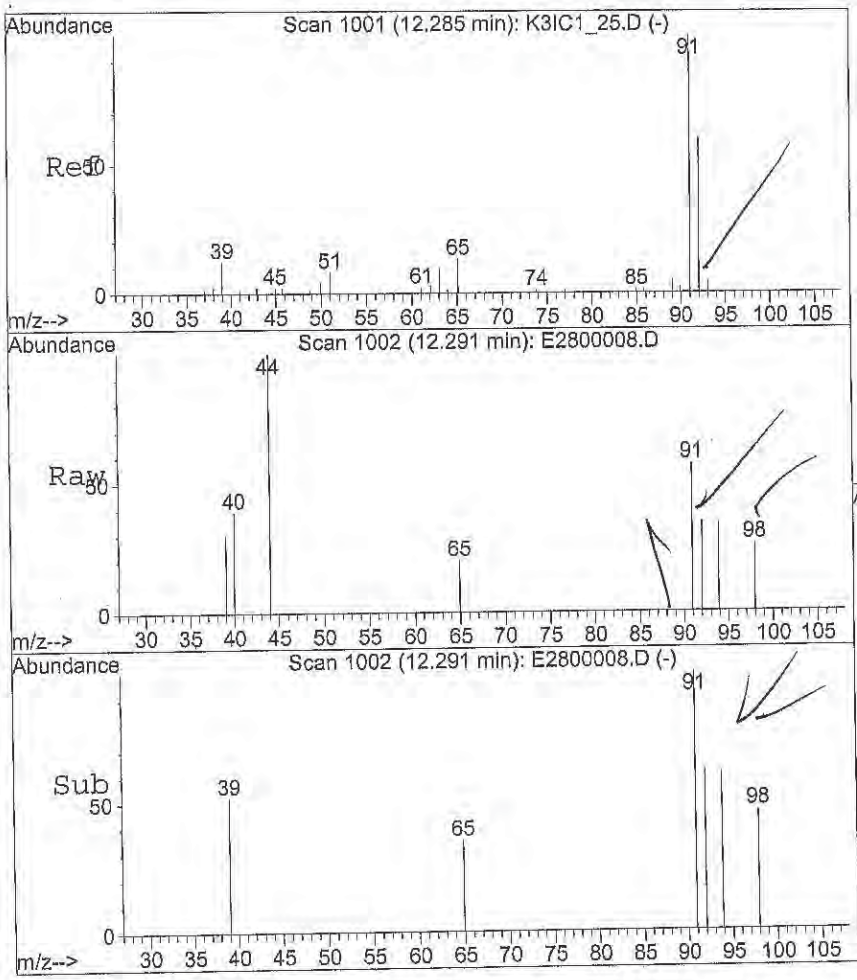


#40
(MIBK) 4-Methyl-2-Pentanone
Concen: 2.71 ug/L
RT: 12.21 min Scan# 992
Delta R.T. 0.09 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 43 Resp: 7168

Ion	Ratio	Lower	Upper
43	100		
58	157.1	0.0	0.0#
85	0.0	0.0	0.0
100	13934.4	0.0	0.0#

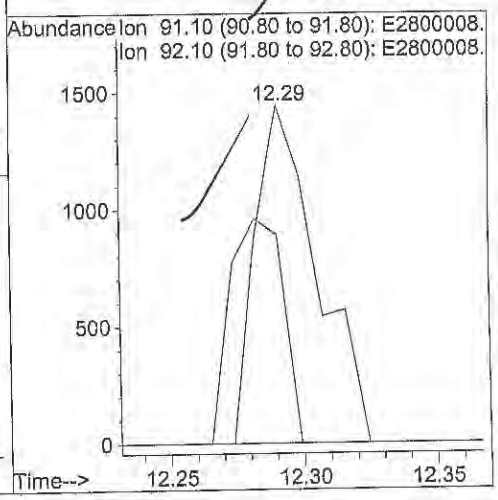


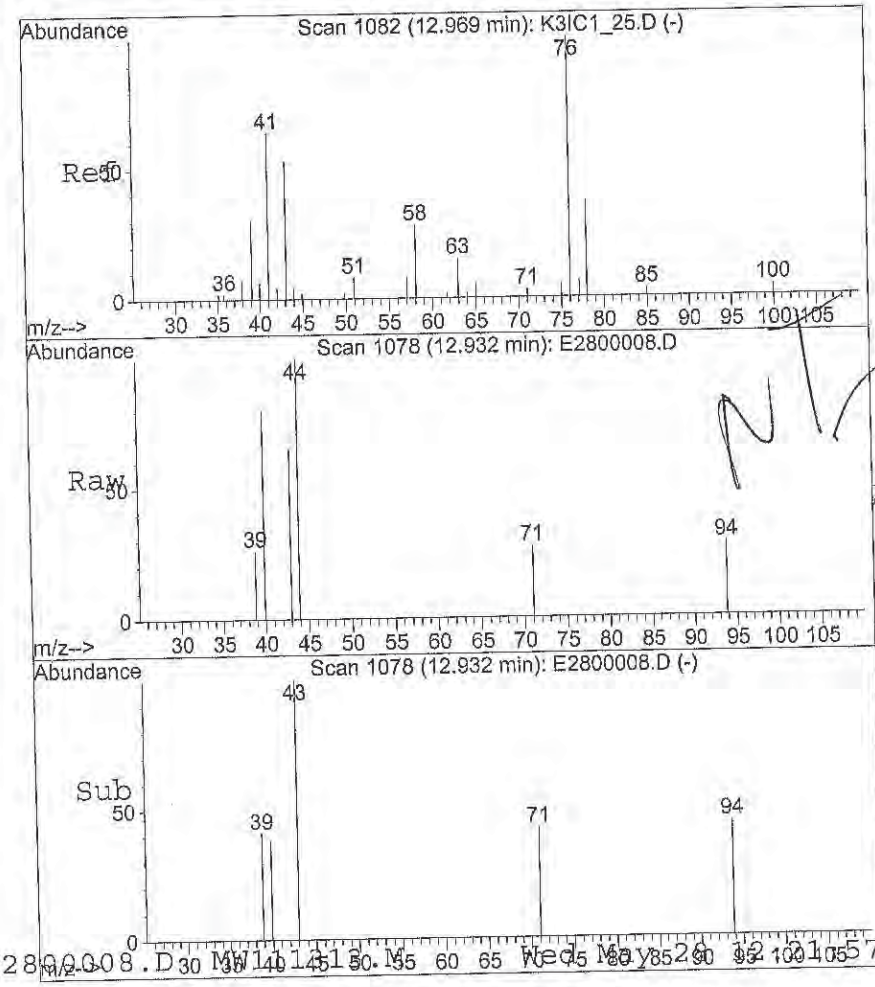


#41
Toluene
Concen: 0.13 ug/L
RT: 12.29 min Scan# 1002
Delta R.T. 0.01 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 91 Resp: 2320

Ion	Ratio	Lower	Upper
91	100		
92	57.4	47.4	71.0

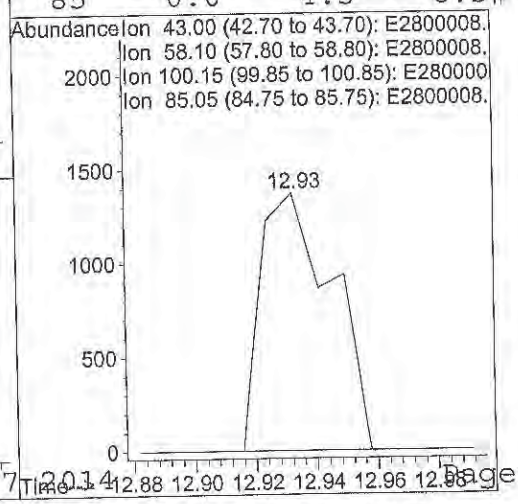


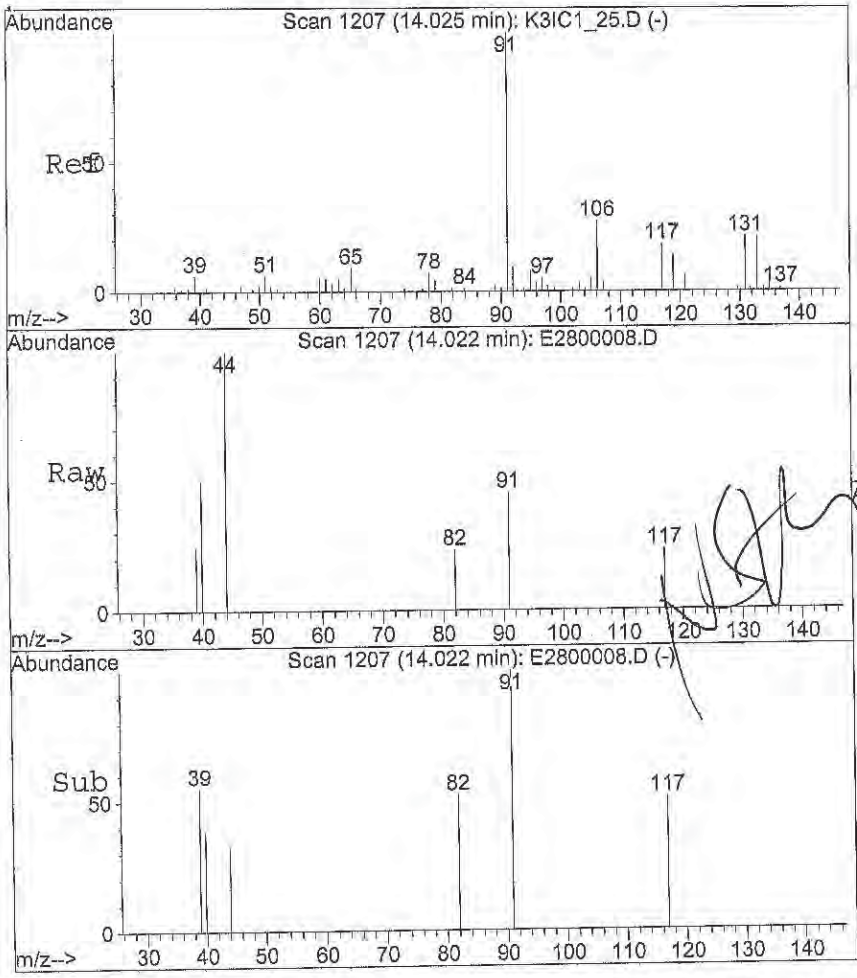


#46
2-Hexanone
Concen: 0.77 ug/L
RT: 12.93 min Scan# 1078
Delta R.T. -0.04 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 43 Resp: 2227

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.9	61.3#
100	0.0	5.5	8.3#
85	0.0	4.3	6.5#

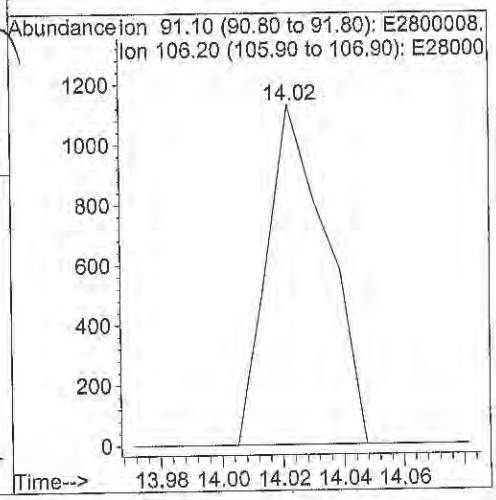


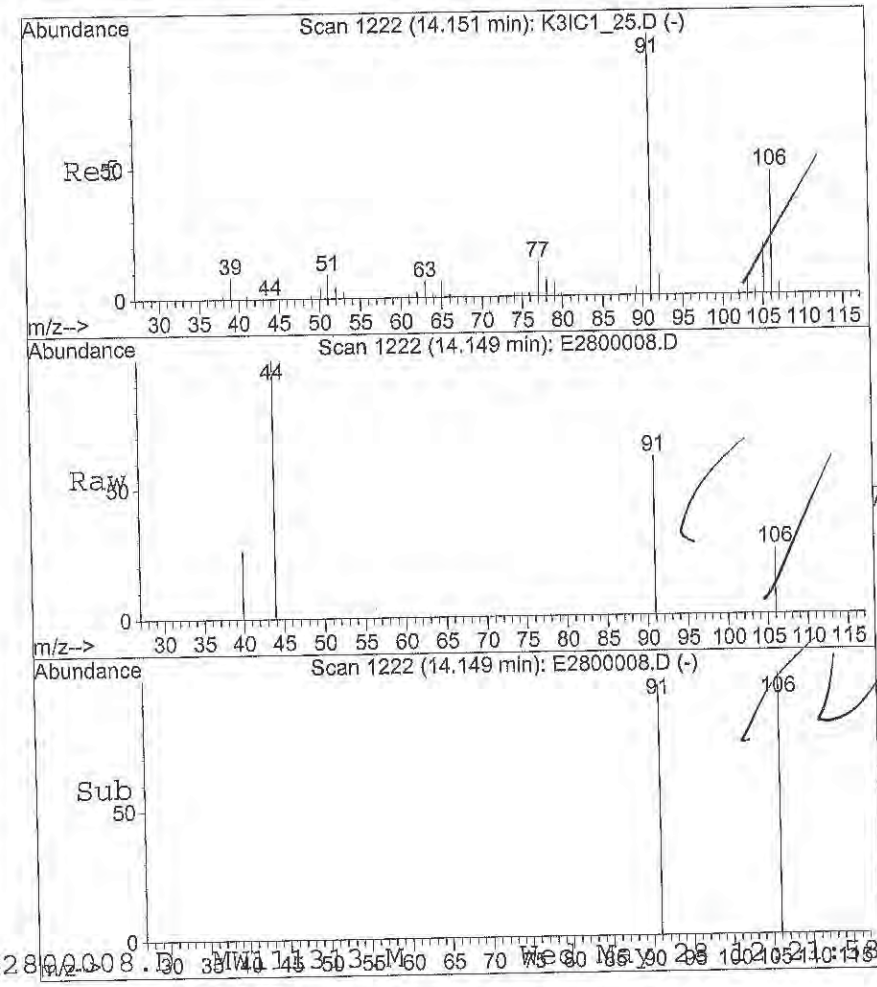


#51
Ethylbenzene
Concen: 0.07 ug/L
RT: 14.02 min Scan# 1207
Delta R.T. -0.00 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 91 Resp: 1536

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.5	35.3#

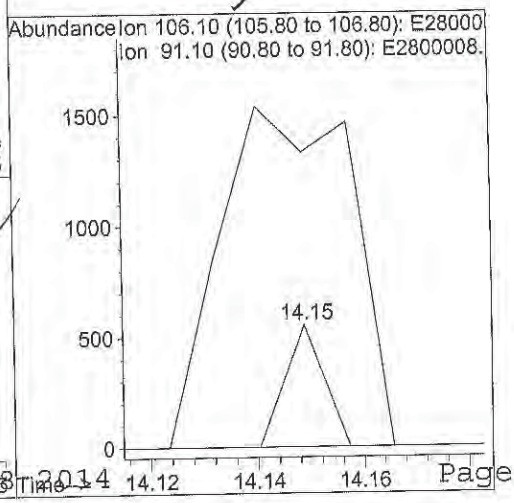


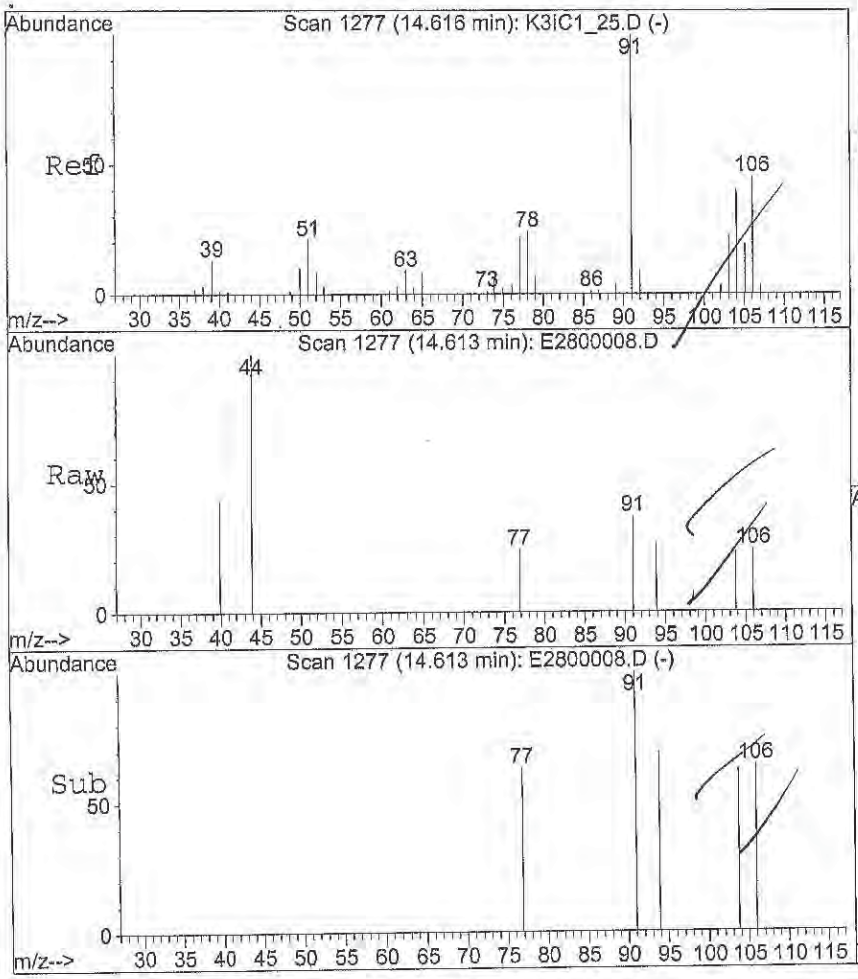


#52
m,p-Xylenes
Concen: 0.04 ug/L
RT: 14.15 min Scan# 1222
Delta R.T. -0.00 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion:106 Resp: 281

Ion	Ratio	Lower	Upper
106	100		
91	935.2	177.1	265.7#

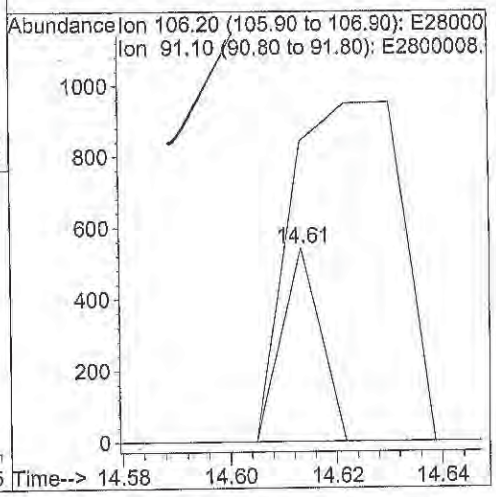


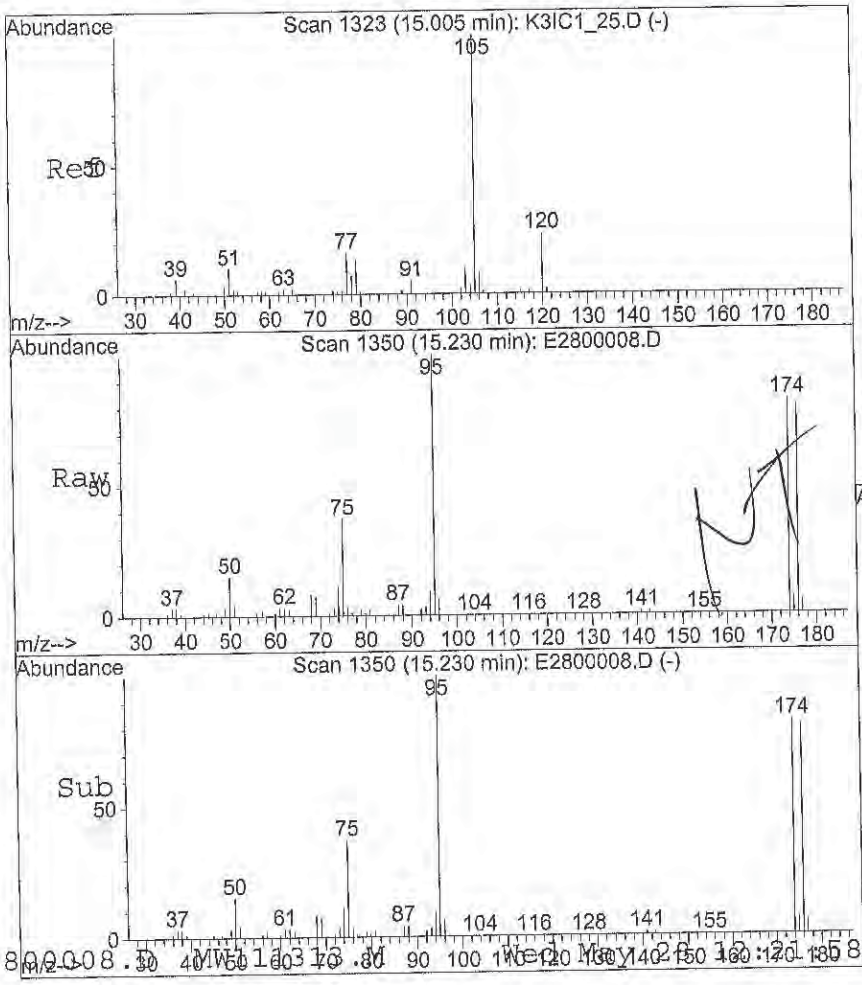


#53
o-Xylene
Concen: 0.04 ug/L
RT: 14.61 min Scan# 1277
Delta R.T. -0.00 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion:106 Resp: 275

Ion	Ratio	Lower	Upper
106	100		
91	505.1	179.0	268.6#

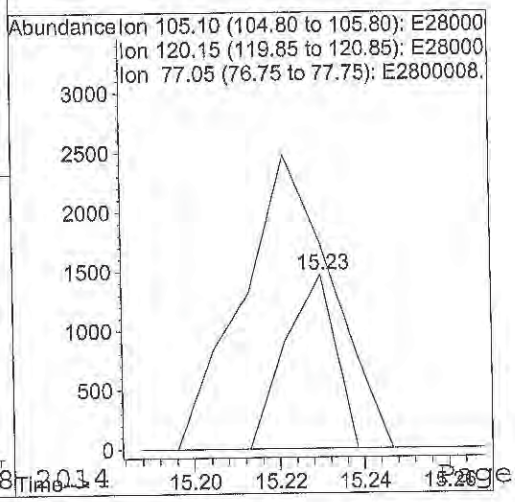


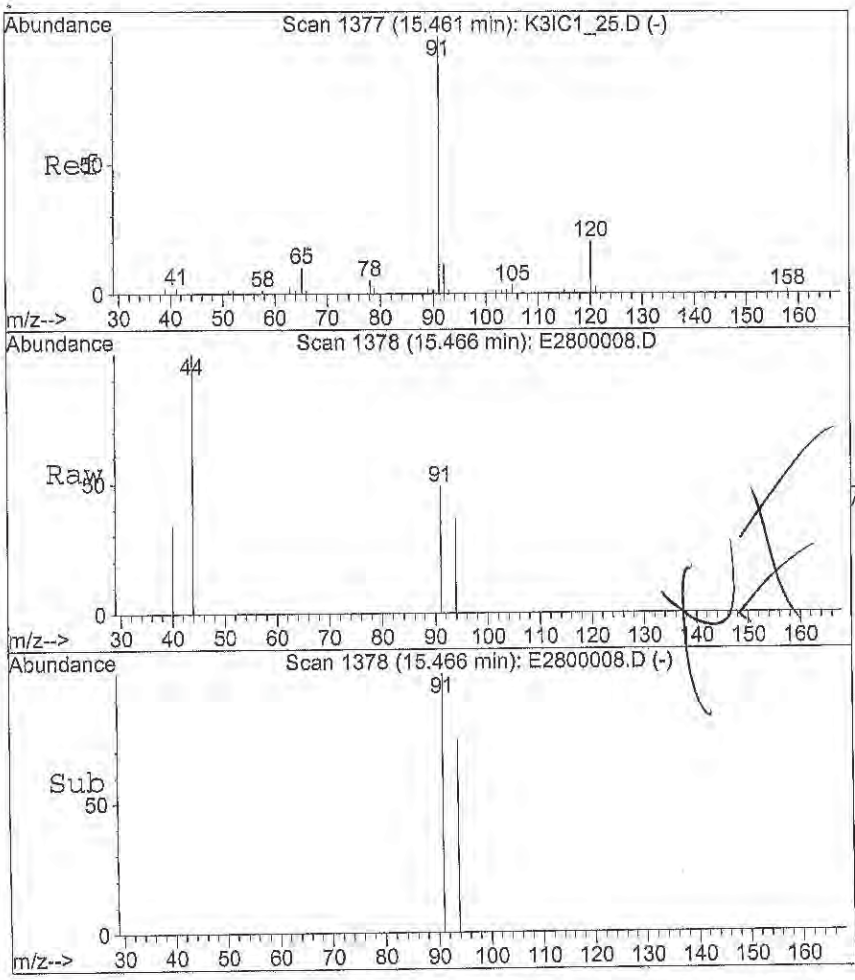


#56
Isopropylbenzene
Concen: 0.06 ug/L
RT: 15.23 min Scan# 1350
Delta R.T. 0.23 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion:105 Resp: 1208

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.3	28.9#
77	300.0	13.1	19.7#

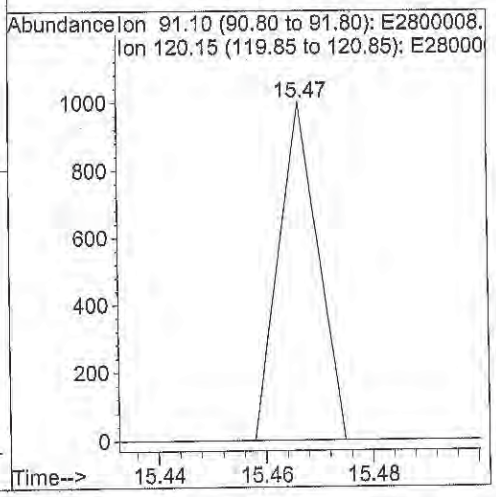


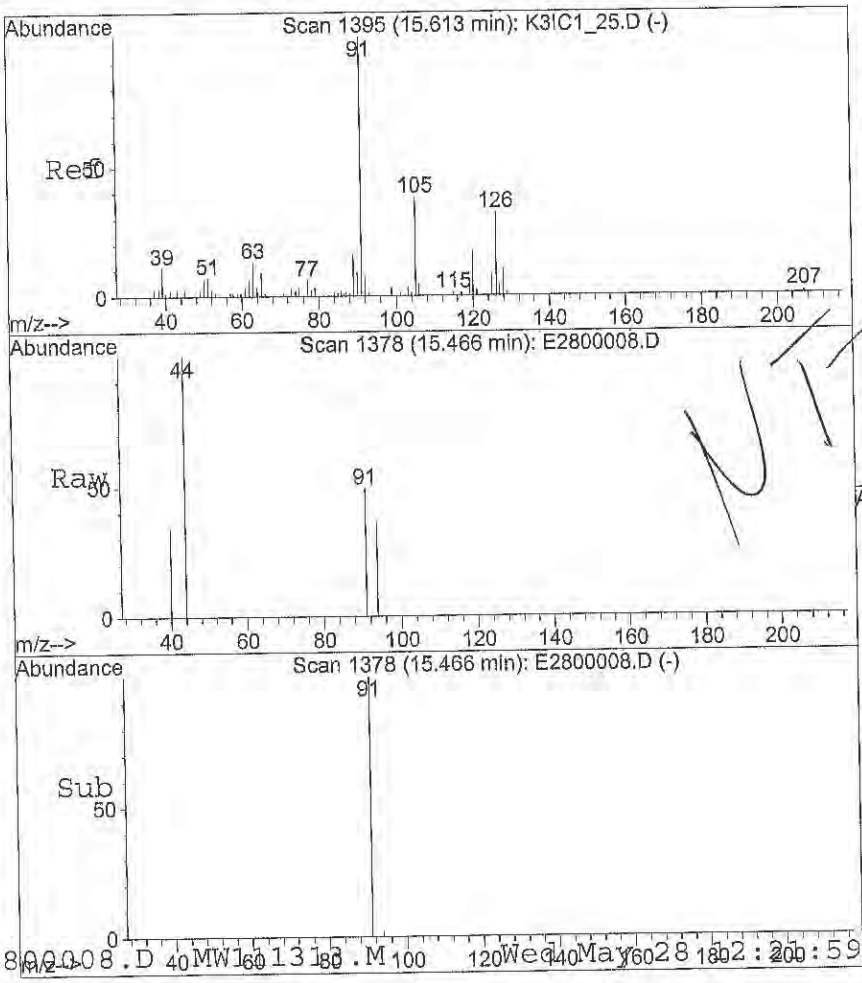


#62
n-Propylbenzene
Concen: 0.02 ug/L
RT: 15.47 min Scan# 1378
Delta R.T. 0.01 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 91 Resp: 506

Ion	Ratio	Lower	Upper
91	100		
120	0.0	16.1	24.1#

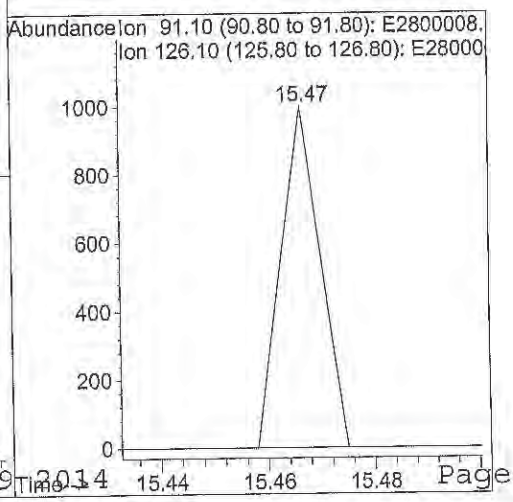


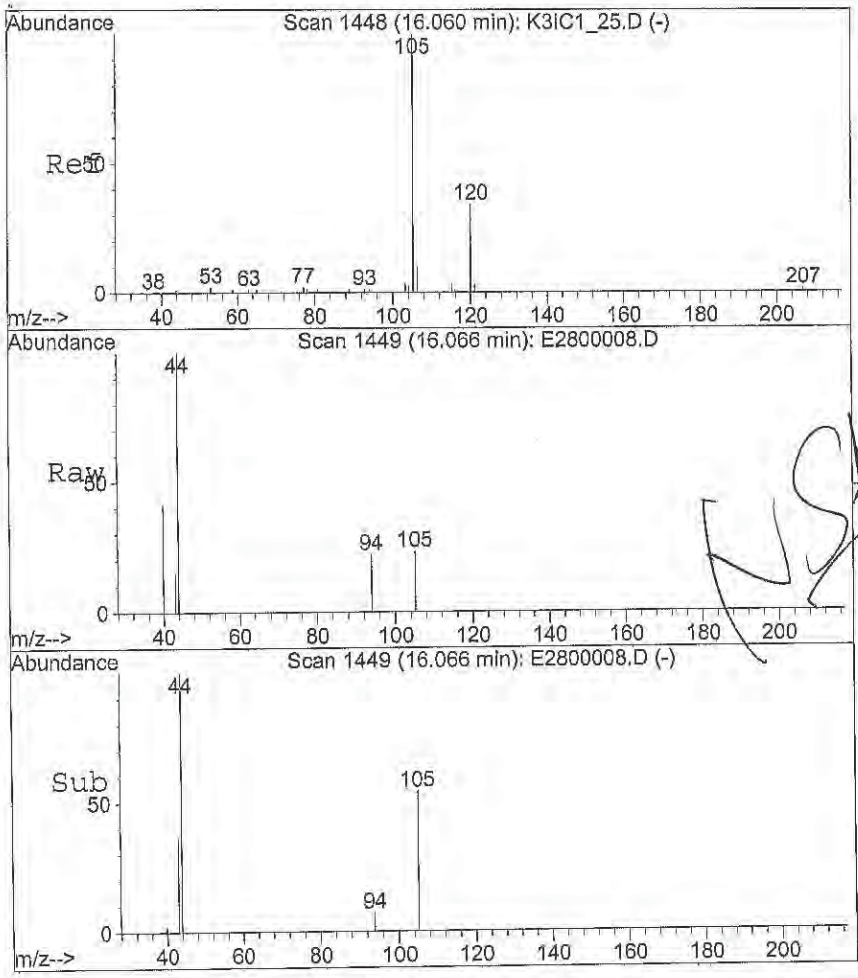


#63
2-Chlorotoluene
Concen: 0.03 ug/L
RT: 15.47 min Scan# 1378
Delta R.T. -0.15 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion: 91 Resp: 506

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.0	36.0#

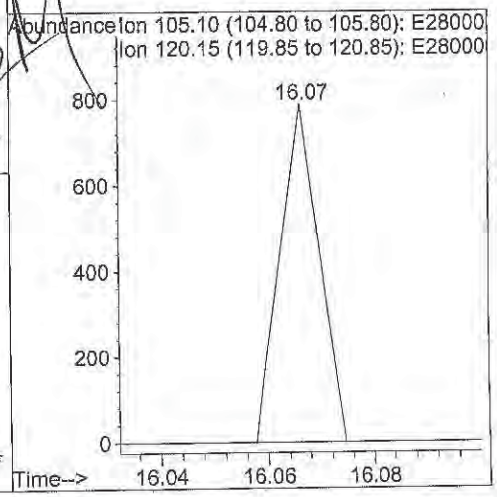


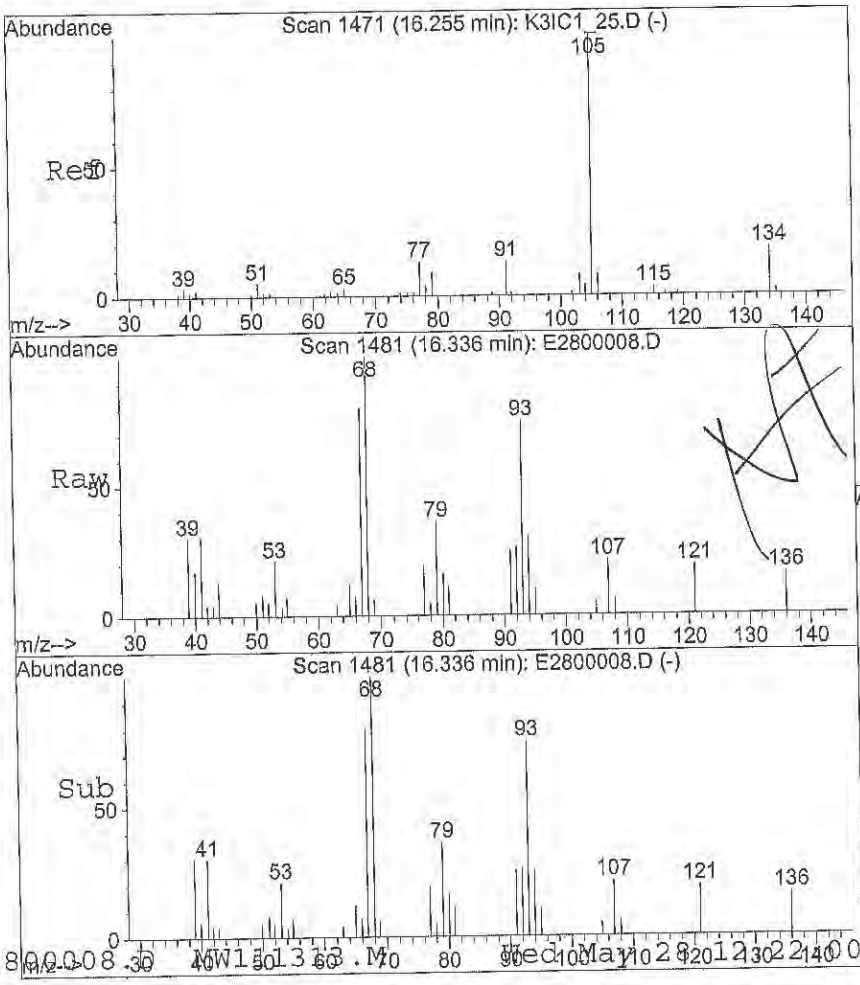


#67
1,2,4-Trimethylbenzene
Concen: 0.02 ug/L
RT: 16.07 min Scan# 1449
Delta R.T. 0.01 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

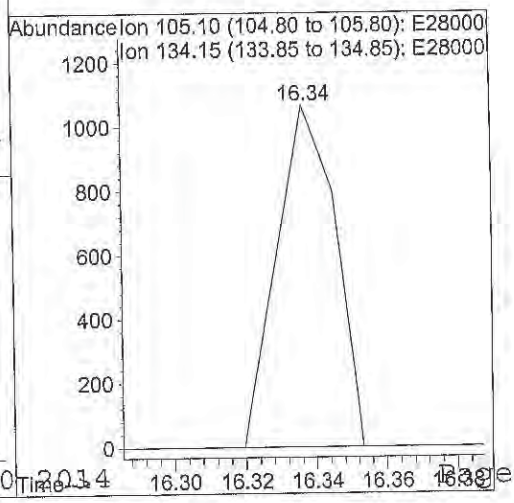
Tgt Ion:105 Resp: 399

Ion	Ratio	Lower	Upper
105	100		
120	0.0	33.8	50.8#





#68
sec-Butylbenzene
Concen: 0.05 ug/L
RT: 16.34 min Scan# 1481
Delta R.T. 0.08 min
Lab File: E2800008.D
Acq: 28 May 2014 11:47 am

Tgt Ion:105 Resp: 1218

Ion	Ratio	Lower	Upper
105	100		
134	0.0	13.0	19.6#