Town and Country Cleaners Site
(Site No.: 8-28-149)

Town of Brighton, Monroe County, NY

April 2009

Prepared for:

New York State Department of Environmental Conservation

625 Broadway

Albany, NY

Prepared by:

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Latham, New York

Final Site Characterization Report - April 2009

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Section 1
Introduction

1.1 Background

Town and Country Cleaners is an active dry cleaner located at 2308 Monroe Avenue in the Town of Brighton, New York as shown on Figure 1. The Site is located in a residential neighborhood and is a potential source of subsurface soil and groundwater contamination in the area. A Phase II site investigation was conducted by GeoQuest Environmental Inc for the Lois Gibbons Trust in December 2006 at 2290, 2294 and 2298 Monroe Avenue, which is upgradient and adjacent to the Site. This report identifies Town and Country Cleaners as a potential source of groundwater contamination at the adjacent property.

This site characterization was conducted to determine if Town and Country Cleaners is a potential source of contamination. The site characterization consisted of collecting samples from groundwater, subsurface soil and subsurface soil vapor media both on and off-site.

1.2 Overview

The site characterization was conducted on January 28 through January 30, 2008 and included groundwater, subsurface soil, and subsurface soil vapor sample collection. CDM subcontracted the drilling services to Aztech Technologies located in Ballston Spa, New York for the direct push drilling services, Mitkem Laboratories (now a division of Spectrum Analytical) located in Warwick, Rhode Island, for the analytical services, WCT Surveyors of Canton, NY for surveying services.

CDM collected groundwater, subsurface soil and subsurface soil vapor samples on the Site to determine if volatile organic compounds (VOCs) were present in any of the media sampled. Some groundwater samples were co-located with the subsurface soil and soil vapor sample locations to determine if a correlation exists between VOC concentrations in groundwater, soil or soil vapor.

The investigation involved the following;

- Installing ten temporary and 2 permanent groundwater monitoring points one-inch in diameter;
- Collecting groundwater samples from four existing upgradient monitoring wells, the ten new temporary points and 2 new permanent points;
- Collecting subsurface soil samples at ten locations; and
- Installing seven subsurface soil vapor probes and collect soil vapor samples from each location.

No indoor air, sub slab or outdoor ambient air samples were collected during this phase of the site characterization. All sampling locations were selected by NYSDEC and CDM and are shown on Figure 2.

A summary of the installation and sampling methodology is presented in the following section.

Section 2
Groundwater, Soil and Soil Vapor Installation and Sampling

The following sections provide a summary of the temporary and permanent groundwater wells, subsurface soil, and subsurface soil vapor points installed and sampled at the Site. All field observations were recorded in the field log book and a copy of the field notes is provided in Appendix A.

2.1 Groundwater Well Installation and Sampling

Two permanent and ten temporary micro wells were installed and groundwater was collected from the following fifteen well locations:

- Two existing monitoring wells, 204S and 205S, upgradient of the site;
- Two existing micro wells (1-inch diameter), GW-1 and GW-2 just upgradient of the Site on the adjacent property;
- Ten temporary (GP-1 through GP-7, GP-9, GP-11 and GP-12) and two permanent (GP-8 and GP-10), that were installed during this site characterization. The temporary wells were removed once samples were collected and GP-8 was dry and no sample was collected.

The temporary wells were installed using a 2-inch drive point or the macro core soil sampler and once the desired depth was reached a one-inch diameter PVC screen (5-feet in length) and riser pipe were installed. The screen was placed 2 to 4 feet into the groundwater table and riser pipe to the ground surface. Sand was placed around the screen to 1 foot above the top of the screen and the permanent wells were finished with a bentonite seal to the ground surface. Wells yielding sufficient volume were developed to near clear conditions, if possible, prior to sampling. Once the well recovered, water levels were recorded and a sample was collected. One of the temporary points, sample location GP8, was dry and therefore not sampled.

Groundwater grab samples were collected from the two existing monitoring wells (204S and 205S) using disposable bailer techniques. Groundwater samples were collected from the remaining wells using a stainless steel check valve and tubing as described below.

The groundwater sampling procedures are provided in CDM's Generic QAPP on file with the NYSDEC. As part of the QAPP quality control samples, duplicates and trip blanks were also collected. All tubing, PVC and sampling PPE were disposed of by CDM as normal trash. All purged groundwater was discharged to the ground.

The groundwater samples were collected in two 40mL VOA vials (preserved with hydrochloric acid) and submitted to Mitkem Laboratories under chain-of-custody

protocol for VOC analysis by EPA Method 8260. Upon completing the sampling of the temporary wells, the PVC was removed and the boreholes were backfilled with bentonite up to the ground surface. The sample identification and depth of groundwater is summarized in Table 1. The sample results are discussed in Section 3.

2.1.1 Groundwater Elevation

On January 28, 2008 CDM recorded depth to water (DTW) and depth to bottom (DTB) measurements was recorded at nine of the sixteen sampling locations. The groundwater elevation data collected during the groundwater monitoring event is summarized in Table 1. The groundwater flow in the shallow aquifer was observed to be flowing in a southeasterly direction. A groundwater contour map was prepared using the water table elevation data for the on and off site wells. The contour map is included as Figure 5. It should be noted that groundwater elevations are approximate since some elevations are from temporary wells.

2.2 Subsurface Soil Sampling

Subsurface soil samples were collected at ten locations selected by the NYSDEC and CDM and are shown on Figure 2. Continuous soil samples were collected using 4-foot macro core samplers with acetate liners to a maximum depth of 12-feet or groundwater, which ever came first. CDM screened the soil sample in the field using a Photoionization Detector (PID). The sample interval at each location exhibiting the highest PID reading was submitted for VOC analysis.

The soil samples were collected in 4-once VOA jars and submitted to Mitkem Laboratories under chain-of-custody protocol for VOC analysis by EPA Method 8260. Residual sample was placed back in the hole and the remaining space was filled with sand and bentonite. Asphalt pavement and concrete surfaces were repaired with cold patch and concrete, respectively.

The sample identification, sample depth and PID results are summarized in Table 2. The sample results are discussed in Section 3.

2.3 Subsurface Soil Vapor Point Installation and Sampling

Eight subsurface soil vapor points were installed at the Site on January 28 and 29, 2008 by Aztech Technologies, in accordance with NYSDOH soil vapor intrusion guidance and are shown on Figure 2.

The soil vapor points were installed to the desired sampling depth using direct push drilling methods. At each location a Geoprobe macro core sampler was used to collect soil samples to the desired depths. After reaching the final depth at each location, a 6-inch double woven stainless steel screen was attached to 3/8-inch Teflon lined tubing and placed at the final depth achieved. The borehole was then backfilled with sand to a minimum depth of 6 inches above the screen followed by 6 inches of dry granular

bentonite. A bentonite slurry was then placed to the ground surface. The bentonite was allowed to set-up overnight prior to sample collection.

Prior to sampling, sample points were tested for potential surface air infiltration using a helium tracer gas test. The procedure for helium tracer gas testing was conducted in accordance with the NYSDOH guidance and is presented in CDM's Generic QAPP. Any helium that was observed during tracer tests was below 10-percent, as required by the NYSDOH guidance.

Samples were collected using 2-liter Summa canisters equipped with a 2-hour regulator. The vacuum reading was recorded at the start and end of the sampling and sampling was stopped before the vacuum reading reached zero. The canister vacuum levels at the beginning and end of sample collection was recorded on the sample label, in the field log book, and on the sample chain of custody form. The SUMMA canisters were labeled with the sample identification, the start and end time of sample collection, date, project identification, and requested laboratory analysis. Samples were submitted to Centek Laboratories (a subcontractor to Mitkem) for analysis by EPA Method TO-15. The sample results are discussed in Section 3.

For quality assurance / quality control purposes (QA/QC) a duplicate sample was collected at one location near 32 Elwell Drive (828149-GP-6-SV 100).

Section 3
Groundwater, Soil and Soil Vapor Sampling Results

The following sections provide a summary of the analytical results for the groundwater, subsurface soil and subsurface soil vapor analytical results. A complete laboratory report is provided in Appendix B and the full laboratory data package is provided on CD.

3.1 Groundwater Analytical Results

CDM collected fifteen groundwater samples from the shallow aquifer at the Site and surrounding area and all samples were analyzed for VOCs by EPA Method 8260. The analytical results were compared to New York State Ambient Water Quality Standards (AWQS) (NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1). Table 4 provides a summary of groundwater analytical results for VOCs.

VOC compounds were detected above AWQS in 11 of the 15 wells sampled as follows:

- Vinyl chloride was detected in six samples ranging from 3 µg/L to 1300 µg/L, above the standard of 2 µg/L;
- 1,1-Dichloroethene was detected in four of the samples ranging from 14 µg/L to 51 µg/L, above the standard of 5 µg/L;
- Trans-1,2-dichloroethene was detected in three of the samples collected ranging from 16 µg/L to 26 µg/L above the standard of 5 µg/L;
- 1,1-Dichloroethane was detected in the sample collected from GP-2-GW-1 at 20 µg/L above the standard of 5 µg/L;
- Cis-1,2-dichloroethene was detected above the standard of 5 µg/L in seven samples collected ranging from 6 µg/L to 3,100 µg/L;
- Chloroform was detected in the sample collected from GW-204S-01 at 10 µg/L above the standard of 7 µg/L;
- 1,1,1-Trichloroethane was detected in two samples at a concentration of 61 and 38 µg/L, above the standard of 5 µg/L;
- Benzene was detected at 2 µg/L in four samples above the standard of 0.7 µg/L.
- Trichloroethene (TCE) was detected in five of the samples ranging from 26 µg/L to 1,200 µg/L above the standard of 5 µg/L;

- A total of eight samples had Tetrachloroethene (PCE) detected above the standard of 5 µg/L ranging from 6 µg/L to 74,000 µg/L.

Figure 3 and Figure 4 show the concentrations of TCE and PCE, respectively, above AWQS.

3.2 Soil Analytical Results

Twelve soil samples were collected at the site and analyzed for VOCs by Mitkem. The analytical results were compared to New York State Unrestricted Use Soil Cleanup Objectives (SCO) of 6 NYCRR Part 375-6.8a.

A total of twelve VOC compounds were detected with four of the detections above the SCO. The VOCs that were detected above the SCO are as follows:

- TCE was detected at 1,100 µg/kg, above the standard of 470 µg/kg in the sample collected from the GP-1 location;
- Vinyl chloride was detected in the sample collected from GP-1 at a concentration of 200 µg/kg, above the SCO of 20 µg/kg;
- Acetone was detected at a concentration of 59 µg/kg in the sample collected at GP-5, above the SCO of 50 µg/kg;
- Cis-1,2-Dichloroethene was detected at a concentration of 2,200 µg/kg in the sample collected at GP-1, above the SCO of 250 µg/kg.

No other VOCs were detected above their respective criteria in any of the other samples collected. Table 5 provides a summary of soil analytical results for VOCs.

3.3 Subsurface Soil Vapor Analytical Results

Eight subsurface soil vapor samples were analyzed by Centek for VOCs by EPA Method To-15. A total of 32 VOC compounds were detected in the soil vapor samples collected. TCE was detected in the sample collected at the GP-1 location at a concentration of 395 µg/m^3. Tetrachloroethylene was detected in all eight samples collected ranging from 1.03 µg/m^3 (GP-11) to 15.2 µg/m^3 (GP-6). Table 6 provides a summary of the soil vapor sample results and a complete analytical report is provided in Attachment B.

3.4 Data Validation

Data validation was completed by Conestoga-Rovers & Associates (CRA) of Niagara Falls, NY. CRA concluded that based on the preceding assessment, the data were acceptable with the qualifications and exceptions noted. A copy of the Data Usability Summary Report (DUSR) is provided in Appendix C.

Section 4
Investigation Findings

Review of the chemical and physical data developed during the site characterization resulted in the following findings:

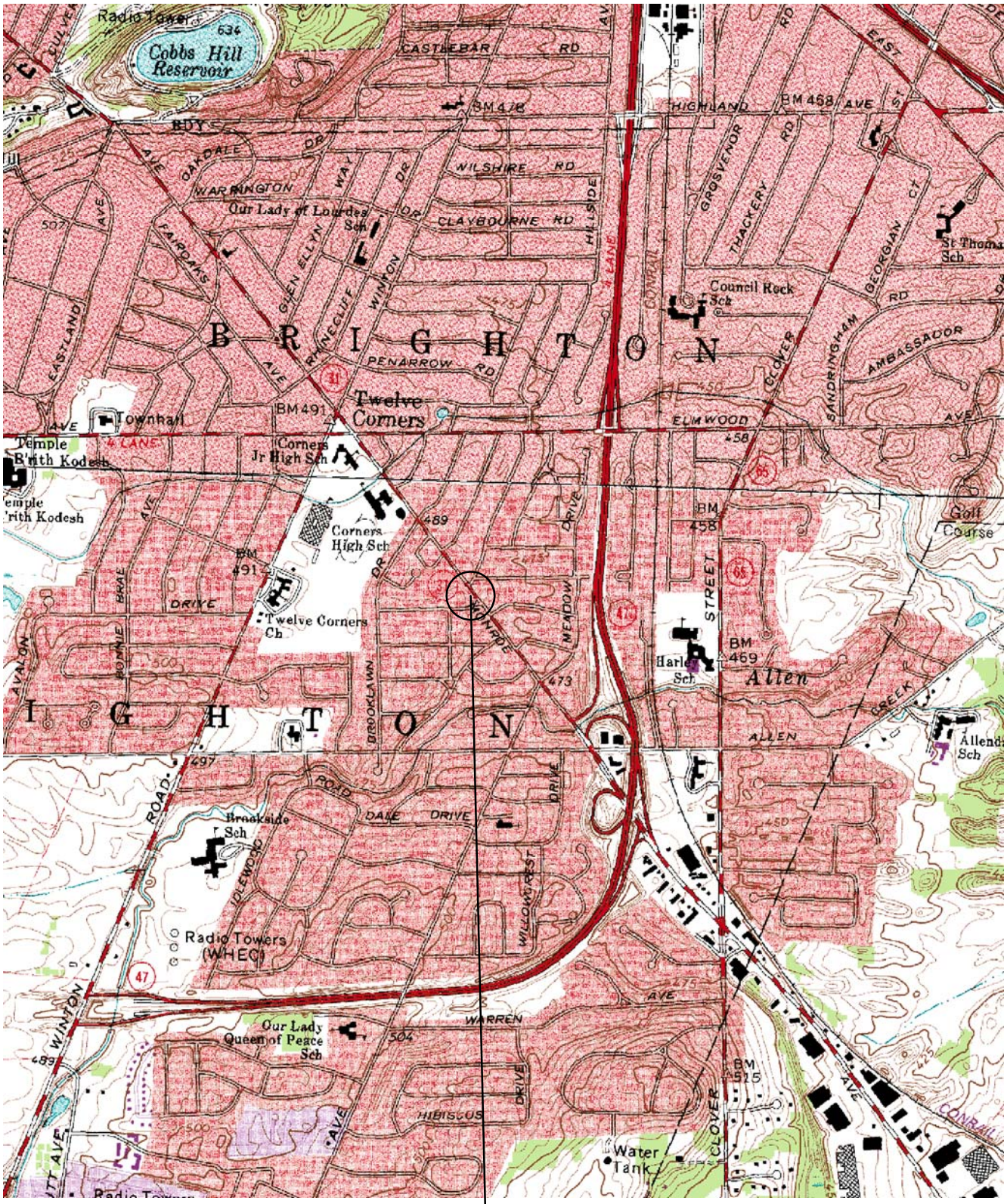
1. VOC compounds were detected in the groundwater samples above the AWQS in 11 of the 15 samples collected at the site including; vinyl chloride, 1,1-dichloroethene, trans-1,2-dichloroehtene, 1,1-dichloroethane, cis-1,2-dichloroethene, 1,1,1-trichloroethane, TCE and PCE.

2. Presence of high concentrations of PCE breakdown products in the soil and groundwater indicates that biodegradation of PCE in the subsurface soil and groundwater is occurring.

3. The fuel related VOC benzene was detected in four of the 15 groundwater samples collected above the AWQS of 0.7 µg/L.

4. The soil collected at the GP-1 location contained three VOC's above the NYS DEC Unrestricted Use SCO; vinyl chloride, cis-1,2-dichloroethene, and TCE.

5. Based on the soil vapor and groundwater sample results for GP-1 and GP-2 a potential source of contamination may exist on-site at this location and migrating off-site and downgradient.



NOT TO SCALE

CDM Camp Dresser & McKee

consulting engineering construction operations

15 BRITISH AMERICAN BOULEVARD
LATHAM, NY

FIGURE 1 – SITE LOCATION MAP
TOWN & COUNTRY CLEANERS
NYSDEC WORK ASSIGNMENT #D004437-18
SITE NO. 8-28-149
SEPTEMBER 2008

Legend

- SUBSURFACE VAPOR POINT
- GEOPROBE TEMPORARY WELL
- EXISTING MONOTORING WELL
- SOIL SAMPLE POINT

Data Sources:

Aerial Orthophotos:
NYS GIS Clearinghouse (http://www.nygis.state.ny.us/), 2005, 1 meter natural color, 2005

Contours:
Derived from Digital Elevation Model, provided by NYS Dept. of Environmental Conservation through Cornell University Geospacial Information Repository (CUGIR, http://cugir.mannlib.cornell.edu/)

Survey Coordinate Datum and Source:
New York State Plane Coordinate System, West Zone, North American Datum of 1983,US feet (Horizontal) and North AmericanVertical Datum of 1988. Survey Data was referenced to the New York StateDept. of Transportation Real Time Network in real time and tied to the US National Geodetic Survey CORS by static GPS observations processed by the OPUS system

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Map of Survey Prepared For:
Sample Location Survey
Town and Country Dry Cleaners Site
Rochester, New York

SITUATE IN:
Town of Brighton
County of Monroe
State of New York
Date: 9/15/08
Tax Map ID # N/A
File# 108-039TC

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CDM Camp Dresser & McKee	NYSDEC TOWN AND COUNTRY DRY CLEANERS SITE NO. 8-28-149 2308 MONROE AVE, ROCHESTER, NY	Date: 10/08	SAMPLE IDENTIFICATION PLAN	FIGURE NO. 2

Legend

- SUBSURFACE VAPOR POINT
- GEOPROBE TEMPORARY WELL
- EXISTING MONOTORING WELL
- SOIL SAMPLE POINT

Data Sources:

Aerial Orthophotos:
NYS GIS Clearinghouse (http://www.nygis.state.ny.us/), 2005, 1 meter natural color, 2005

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NYSDEC

TOWN AND COUNTRY DRY CLEANERS SITE NO. 8-28-149

2308 MONROE AVE, ROCHESTER, NY

Date: 10/08

GROUNDWATER TCE EXCEEDENCES (UG/L)

FIGURE NO. 3

Legend

- SUBSURFACE VAPOR POINT
- GEOPROBE TEMPORARY WELL
- EXISTING MONOTORING WELL
- SOIL SAMPLE POINT

Data Sources:

Aerial Orthophotos:
NYS GIS Clearinghouse (http://www.nygis.state.ny.us/), 2005, 1 meter natural color, 2005

Contours:
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NOT TO SCALE

Camp Dresser & McKee

NYSDEC

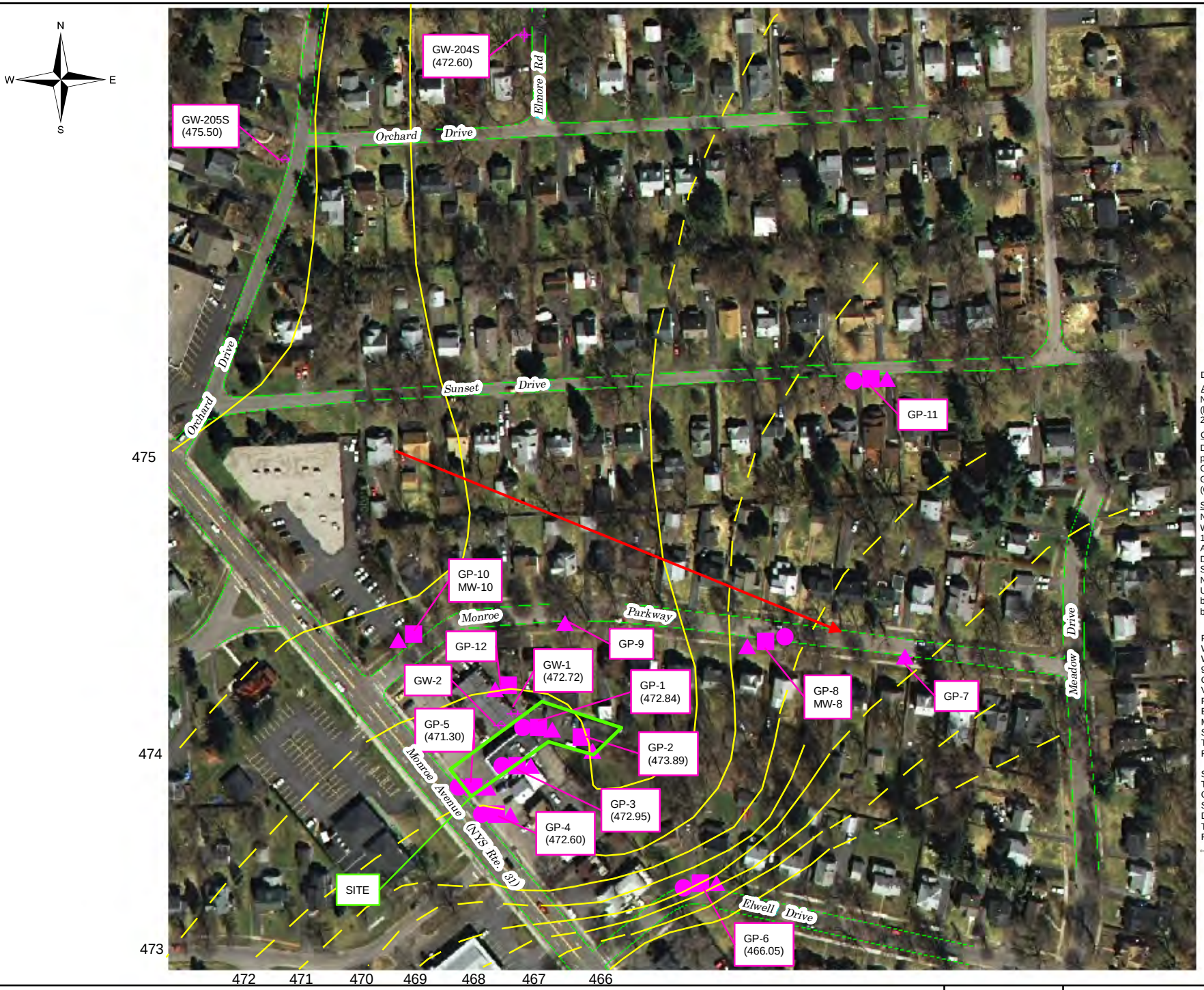
TOWN AND COUNTRY DRY CLEANERS SITE NO. 8-28-149

2308 MONROE AVE, ROCHESTER, NY

Date: 10/08

GROUNDWATER PCE EXCEEDENCES (UG/L)

FIGURE NO. 4



Legend

- SUBSURFACE VAPOR POINT
- GEOPROBE TEMPORARY WELL
- EXISTING MONOTORING WELL
- SOIL SAMPLE POINT
- GROUNDWATER FLOW DIRECTION
- CONCEPTUAL GROUNDWATER CONTOUR LINE
- INFERRED GROUNDWATER CONTOUR LINE
- (475.50) MONOTORING WELL WITH DESIGNATION (GROUNDWATER ELEVATION, FT BGS)

Data Sources:

Aerial Orthophotos:
NYS GIS Clearinghouse (http://www.nygis.state.ny.us/), 2005, 1 meter natural color, 2005

Contours:
Derived from Digital Elevation Model, provided by NYS Dept. of Environmental Conservation through Cornell University Geospacial Information Repository (CUGIR, http://cugir.mannlib.cornell.edu/)

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NOTE: Groundwater elevations are approximate since some elevations are from temporary wells

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Camp Dresser & McKee

NYSDEC

TOWN AND COUNTRY DRY CLEANERS SITE NO. 8-28-149

2308 MONROE AVE, ROCHESTER, NY

Date: 10/08

OVERBURDEN GROUNDWATER CONTOUR MAP

FIGURE NO. 5

Table 1
NYSDEC Work Assignment # D004437-18
Town and Country Cleaners Site No. 8-28-149
Groundwater Sample Information Summary

Sample ID	Date Installed	Depth to Water (ft)	Detph to Bottom (ft)	Well Elevation (Top of PVC)	Groundwater Elevation (ft bgs)	Date Sampled	Time Sampled
828149-GW1	Existing	7.08	--	479.8	472.72	1/28/2008	1230
828149-GW2	Existing	NM	--	480.3	--	1/28/2008	1240
828149-GW204S-01	Existing	6.8	15.75	479.4	472.6	1/29/2008	0955
828149-GW205S	Existing	7	14.60	482.50	475.5	1/29/2008	0930
828149-GP1-GW01	1/28/2008	5.36	15.00	478.20	472.84	1/29/2008	1300
828149-GP2-GW1	1/28/2008	3.41	10.00	477.30	473.89	1/29/2008	1315
828149-GP2-GW10*	1/28/2008	NM	--	--	--	1/29/2008	1320
828149-GP3-GW1	1/28/2008	5.85	10.00	478.80	472.95	1/29/2008	1335
828149-GP4-GW1	1/28/2008	6.4	10.00	479.00	472.6	1/29/2008	1345
828149-GP5-GW1	1/28/2008	8.1	15.00	479.40	471.3	1/29/2008	1350
828149-GP6-GW1	1/29/2008	8.35	10.00	474.40	466.05	1/30/2008	1015
828149-GP7-GW1	1/29/2008	NM	11.00	471.10	--	1/30/2008	0925
828149-GP8-GW1	1/29/2008	NM	10.00	473.06	--	NOT SAMPLED - DRY	
828149-GP9-GW1	1/29/2008	NM	10.00	476.20	--	1/30/2008	1045
828149-GP10-GW1	1/29/2008	NM	10.00	481.98	--	1/30/2008	1055
828149-GP11-GW1	1/29/2008	NM	10.00	471.40	--	1/30/2008	1110
828149-GP12-GW1	1/29/2008	NM	14.00	480.80	--	1/30/2008	1125

NOTES:

DTW - Deth to Groundwater

DTB - Depth to Well Bottom

* Denote Duplicate of GP2-GW1

bgs - below ground surface

Table 2
NYSDEC Work Assignment # D004437-18
Town and Country Cleaners - Site No. 8-28-149
Soil Sample Information Summary

Sample ID	Date	Time	Sample Depth	PID Reading (ppm)
828149-GP1-SS01	1/28/2008	1100	5-10 ft	0
828149-GP2-SS01	1/28/2008	1212	0-5 ft	0
828149-GP3-SS01	1/28/2008	1400	0-5 ft	0
828149-GP4-SS01	1/28/2008	1500	0-5 ft	0
828149-GP5-SS1	1/29/2008	1550	0-5 ft	0
828149-GP6-SS01	1/29/2008	1010	0-5 ft	0
828149-GP8-SS1	1/29/2008	1145	0-5 ft	0
828149-GP100-SS1*****	1/29/2008	1325	0-5 ft	0
828149-GP10-SS1	1/29/2008	1315	0-5 ft	0
828149-GP11-SS1	1/29/2008	1345	0-5 ft	0
828149-GP11-SS110**	1/29/2008	1355	0-5 ft	0
828149-GP12-SS1	1/29/2008	1505	0-5 ft	0

NOTES

* Indicates a duplicate of sample GP10-SS1

** Indicates a duplicate sample of GP11-SS1

Table 3
NYSDEC Work Assignment # D004437-18
Town and Country Cleaners - Site No. 8-28-149
Soil Vapor Sample Information Summary

Sample ID	Date	Start Time	Stop Time	Canister #	Regulator #	Helium Tracer Test Reading (%)	Start Vac	End Vac	PID Reading (ppm)
828149-GP1-SV1	1/29/2008	0812	0953	90	392	N/A	28.5	4	20.2
828149-GP3-SV1	1/29/2008	0805	0950	84	186	N/A	29	4	0
828149-GP4-SV1	1/29/2008	0753	0938	419	296	0	28	4	0
828149-GP5-SV1	1/29/2008	0802	0948	78	147	N/A	30	3.5	0
828149-GP6-SV1	1/30/2008	0745	0920	463	78	0	27	4	0
828149-GP6-SV100*	1/30/2008	0745	0920	415	400	0	27	1	0
828149-GP8-SV1	1/30/2008	0900	0950	412	63	N/A	29	4	0
828149-GP11-SV1	1/30/2008	0815	0955	422	175	N/A	28	3	0

Notes

* Indicates a duplicate sample of GP6-SV1

N/A - Tracer Test Not Performed

Table 4
Town and Country Cleaners
Site No. 8-28-149
Summary of Groundwater Analytical Results for VOCs - April 2008

Sample ID Sampling Date Matrix Dilution Factor Units	Ambient Water Quality Standard	828149-GP1-GW1 01-29-08 WATER 1.0 ug/L	Q	828149-GP2-GW1 01-29-08 WATER 1.0 ug/L	Q	828149-GP2-GW10 Duplicate of GP2 01-29-08 WATER 1.0 ug/L	Q	828149-GP3-GW1 01-29-08 WATER 1.0 ug/L	Q	828149-GP4-GW1 01-29-08 WATER 1.0 ug/L	Q	828149-GP5-GW1 01-29-08 WATER 1.0 ug/L	Q	828149-GP6-GW1 01-30-08 WATER 1.0 ug/L	Q	828149-GP7-GW1 01-30-08 WATER 1.0 ug/L	Q	828149-GP9-GW1 01-30-08 WATER 1.0 ug/L	Q
Compound																			
Vinyl Chloride	**2**	1300		220	J	100		1	J	5	U	3	J	5	U	5	U	5	U
1,1-Dichloroethene	**5**	51		44		23		5	U	5	U	5	U	5	U	5	U	5	U
Acetone	**50**		R		R		R		R	8	J	4	J	49	J	18	J		R
Methylene Chloride	**5**	5	U	2	J	1	J	6	U	5	U	5	U	5	U	5	U	5	U
trans-1,2-Dichloroethene	**5**	26		23		16		5	U	5	U	5	U	5	U	5	U	5	U
Methyl tert-butyl ether	**NS**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	**5**	3	J	20		16		5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	**5**	2700		3100	E	2600	E	6		1	J	31		5	U	5	U	5	U
Chloroform	**7**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-Trichloroethane	**5**	5	U	61		38		5	U	5	U	5	U	5	U	5	U	5	U
Benzene	**0.7**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	2	J	2	J
Trichloroethene	**5**	770		1200	J	780	E	26		1	J	3	J	5	U	5	U	5	U
Toluene	**5**	1	J	3	J	2	J	5	U	5	U	5	U	5	U	5		3	J
Tetrachloroethene	**5**	2900	E	74000		46000		190		6		5	U	5	U	5	U	5	U
m,p-Xylene	**NS**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	3	J	5	U
o-Xylene	**NS**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	1	J	5	U
Xylene (Total)	**5**	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	4	J	5	U
Isopropylbenzene	**NS**	5	U	2	J	2	J	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trimethylbenzene	**NS**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	1	J	5	U

Legend

Indicates Concentration above RSCO
U Not Detected
J Compound Detected below reporting limit
B Compoun Detected in Method Blank
E Compound concentration exceeded the Calibration Range
D Compound concentration was obtained from diluted analysis
NS No Standard
R Rejected

Table 4
Town and Country Cleaners
Site No. 8-28-149
Summary of Groundwater Analytical Results for VOCs - April 2008

Sample ID Sampling Date Matrix Dilution Factor Units	Ambient Water Quality Standard	828149-GP10-GW1 01-30-08 WATER 1.0 ug/L		828149-GP11-GW1 01-30-08 WATER 1.0 ug/L		828149-GP12-GW1 01-30-08 WATER 1.0 ug/L		828149-GW1 01-28-08 WATER 1.0 ug/L		828149-GW2 01-28-08 WATER 1.0 ug/L		828149-GW204S-01 01-29-08 WATER 1.0 ug/L		828149-GW205S-01 01-29-08 WATER 1.0 ug/L		TRIP BLANK 01-30-08 WATER 1.0 ug/L	
Compound			**Q**		**Q**		**Q**		**Q**		**Q**		**Q**		**Q**		**Q**
Vinyl Chloride	**2**	5	U	5	U	5	U	190		5	U	7		5	U	5	U
1,1-Dichloroethene	**5**	5	U	5	U	5	U	14		5	U	5	U	5	U		R
Acetone	**50**		R	14	J		R		R		R		R		R		R
Methylene Chloride	**5**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,2-Dichloroethene	**5**	5	U	5	U	5	U	4	U	5	U	5	U	5	U	5	U
Methyl tert-butyl ether	**NS**	5	U	5	U	5	U	5	U	5	U	7		5	U	5	U
1,1-Dichloroethane	**5**	5	U	5	U	5	U	1	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	**5**	5	U	5	U	5	U	500		3		29		2	J	5	U
Chloroform	**7**	5	U	2	J	5	U	5	U	5	U	10		5	U	5	U
1,1,1-Trichloroethane	**5**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	**0.7**	2	J	5	U	5	U	5	U	5	U	2	J	5	U	5	U
Trichloroethene	**5**	5	U	5	U	5	U	82		3	J	2	J	5	U	5	U
Toluene	**5**	3	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	**5**	5	U	5	U	5	U	19		370	U	37		5	U	5	U
m,p-Xylene	**NS**	2	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
o-Xylene	**NS**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Xylene (Total)	**5**	2	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	**NS**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trimethylbenzene	**NS**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Legend
Indicates Concentration above RSCO
Not Detected
Compound Detected below reporting limit
Compoun Detected in Method Blank
Compound concentration exceeded the Calibration Ra
Compound concentration was obtained from diluted ar
No Standard
Rejected

Table 5
Town and Country Cleaners
Site No. 8-28-149
Summary of Soil Analytical Results for VOCs - April 2008

Sample ID Lab Sample Number Sampling Date Matrix Dilution Factor Units	NYSDEC Unrestricted Use Soil Cleanup Objective (ppb)	828149-GP1-SS01 01-28-08 Soil 1.0 ug/kg		828149-GP2-SS1 01-28-08 Soil 1.0 ug/kg		828149-GP3-SS01 01-28-08 Soil 1.0 ug/kg		828149-GP4-SS1 01-28-08 Soil 1.0 ug/kg		828149-GP5-SS1 1/29/2008 Soil 1.0 ug/kg		828149-GP6-SS1 01-29-08 Soil 1.0 ug/kg		828149-GP8-SS1 01-29-08 Soil 1.0 ug/kg		828149-GP10-SS1 01-29-08 Soil 1.0 ug/kg		828149-GP100-SS1 Duplicate of GP-10 01-29-08 Soil 1.0 ug/kg		828149-GP100-SS1 G0125-07ARE 01-29-08 Soil 1.0 ug/kg		828149-GP11-SS1 01-29-08 Soil 1.0 ug/kg		828149-GP110-SS1 Duplicate of GP-11 01-29-08 Soil 1.0 ug/kg		828149-GP12-SS1 01-29-08 Soil 1.0 ug/kg	
Compound			Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
Vinyl Chloride	**20**	200		6	J	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
1,1-Dichloroethene	**330**	16		6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
Acetone	**50**	7	U	6	U	6	U	22	U	59		6	J	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
2-Butanone	**NS**	6	U	8		6	U	7		25		1	J	2	J	6	U	6	U	6	U	6	U	6	U	6	U	6	U
cis-1,2-Dichloroethene	**250**	2200		200		6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
Trichloroethene	**470**	1100		84		6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
Toluene	**700**	2	J	6	U	3	J	5	J	4	J	2	J	6	U	3	J	2	J	2	J	2	J	3	J	5	J		
Tetrachloroethene	**1300**	210		480		1	J	6	U	6		6		6	U	6	U	6	U	6	U	6	U	6	U	1	J		
2-Hexanone	**NS**	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	3	J	6	U		
1,2,4-Trichlorobenzene	**NS**	6	U	6	U	6	U	6	U	6	U	6	UJ	6	U	6	U	6	U	6	UJ	6	U	2	J	6	UJ		
Hexachlorobutadiene	**NS**	6	U	6	U	6	U	6	U	6	U	6	UJ	6	U	6	U	6	U	6	UJ	6	U	6	U	6	UJ		
1,2,3-Trichlorobenzene	**NS**	6	U	6	U	6	U	6	U	6	U	6	UJ	6	U	6	U	6	U	6	UJ	6	U	2	J	6	UJ		

LEGEND
Indicates Concentration above RSCO
U Not Detected
J Compound Detected below reporting limit
B Compoun Detected in Method Blank
E Compound concentration exceeded the Calibration Range
D Compound concentration was obtained from diluted analysis
NS No Standard

Table 6
Town and Country Cleaners
Site No. 8-28-149
Summary of Soil Vapor Analytical Results for VOCs - April 2008

Sample ID	828149-GP11-SV1		828149-GP1-SVI		828149-GP3-SV1		828149-GP4-SVI		828149-GP5-SVI		828149-GP6-SVI		828149-GP6-SVIOD		828149-GP8-SVI	
Lab Sample Number	C0802002-008A		C0802002-004A		C08020002-003A		C0802002-001A		C0802002-002A		C0802002-005A		C0802002-006A		C0802002-008A	
Sampling Date	1/30/2008		1/29/2008		1/29/2008		1/29/2008		1/29/2008		1/30/2008		1/30/2008		1/30/2008	
Matrix	Air		Air		Air		Air		Air		Air		Air		Air	
Dilution Factor	1		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Units	µg/m^3		µg/m3		µg/m^3		µg/m^3		µg/m^3		µg/m^3		µg/m3		µg/m^3	
Compound		Q		Q		Q		Q		Q		Q		Q		Q
1,1,1-Trichloroethane	0.832	U	1.22	J	0.832	U	0.832	U	0.832	U	0..832	U	0.832	U	0.832	U
1,1-Dichloroethane	0.617	U	30.4		0.617	U	0.617	U	0.617	U	0.617	U	0.617	U	0.617	U
1,1-Dichloroethene	0.605	U	929		0.605	U	0.605	U	0.605	U	0.605	U	0.605	U	0.605	U
1,2,4-Trimethylbenzene	0.7	J	1.45	J	1.45	J	1.05	J	1.4	J	0.749	U	0.749	U	0.749	J
2,2,4-trimethylpentane	0.712	U	4.27	J	0.807	J	0.712	J	0.655	J	0.712	U	0.712	U	0.712	U
Acetone	10.9		43.5		24.9	J	31.6		26.8	J	13		12.6		8.21	
Benzene	0.487	U	9.09	J	2.99	J	2.37	J	3.86	J	0.649	J	0.779	J	0.487	U
Carbon disulfide	1.2		42.4		2.75	J	3.73		8.55	J	1.08	J	1.9		0.475	
Carbon tetrachloride	0.256	U	0.256	J	0.32	J	0.256	J	0.256	J	0.256	U	0.256	U	0.256	U
Chlorobenzene	0.702	U	0.702	U	0.702	U	0.655	J	0.702	U	0.702	U	0.702	U	0.702	U
Chloroethane	0.402	U	4.48	J	0.402	U	0.402	U	0.402	U	0.402	U	0.402	U	0.402	U
Chloroform	0.744	U	1.09	J	0.943	J	0.744	U	1.14		0.744	U	0.744	U	0.744	U
cis-1,2-Dichloroethene	0.604	U	2840		0.604	U	0.604	U	0.604	U	1.45	J	0.766		0.604	U
Cyclohexane	3.81		16.8	J	3.85	J	23.4		10.8	J	1.71	J	2.17	J	0.525	U
Ethyl acetate	2.2		195		46.5	J	1.5		47.6	J	6.26	J	2.60		0.879	J
Ethylbenzene	1.32	J	1.1	J	1.63	J	0.839	J	1.06	J	0.662	U	0.927	J	1.19	J
Freon 11	0.857		3.94	J	6	J	1.09		6.11		0.685	J	1.2		0.685	J
Freon 12	1.26		0.754	J	0.754	U	0.754	U	1.41		1.01	J	1.16		1.31	
Heptane	0.625	U	5.50	J	4.96	J	3.12	J	6.33	J	0.625	U	0.458	J	0.625	U
Hexane	0.537	U	66.6		8.96	J	51.9		19	J	0.824	J	1.86		0.537	U
m&p-Xylene	4.5	J	3.44	J	5.65	J	2.12	J	3.27	J	0.441	J	2.3	J	3.8	J
Methyl Ethyl Ketone	6	J	0.899	U	0.899	U	0.899	U	0.899	U	0.63	J	2.52		3.63	
Methylene chloride	1.52		2.12	J	0.847	J	0.600		0..459	J	0.388	J	0.706		0.494	J
o-Xylene	1.68	J	1.06	J	1.94	J	0.706	J	1.1	J	0.662	U	0.75	J	1.32	J
Styrene	4.33	J	4.59	J	4.85	J	1.39	J	4.33	J	0.649	U	1.26	J	2.99	J
Tetrachloroethylene	1.03	J	9.24	J	10.3	J	1.59	J	1.65	J	15.2		1.79	J	1.24	J
Toluene	96.5		13.8		6.51	J	16.1	J	4.98	J	2.45	J	8.81		23.4	
trans-1,2-Dichloroethene	0.604	U	145		0.604	U	0.604	U	0.604	U	0.604	U	0.604	U	0.604	U
Trichloroethene	0.218	U	395		0.437	J	0.218	J	0.328	J	2.73	J	0.710	J	0.218	
Vinyl chloride	0.234		50600		0.104	U	0.104	U	0.831		0.104	U	0.104	U	0.104	U

Projects (continued)

1/28/08 ~30°F CLOUDY

1020 ON SITE AT TOWN + COUNTRY W/ AZTECH

#828149-GP1-SS01 1100

0-5 ft. CLAY 3-10' WATER ~6 ft

* 5-10 ft 1100 → VOCs 8260

SCREENED W/ OVM - 0 PPM

#828149-GP1-GW01

TEMPORARY POINT

5' screen / 5' Riser - Sand 1' Above screen

SOIL Vapor Point

GP1-SV01

Drive Point to 5'

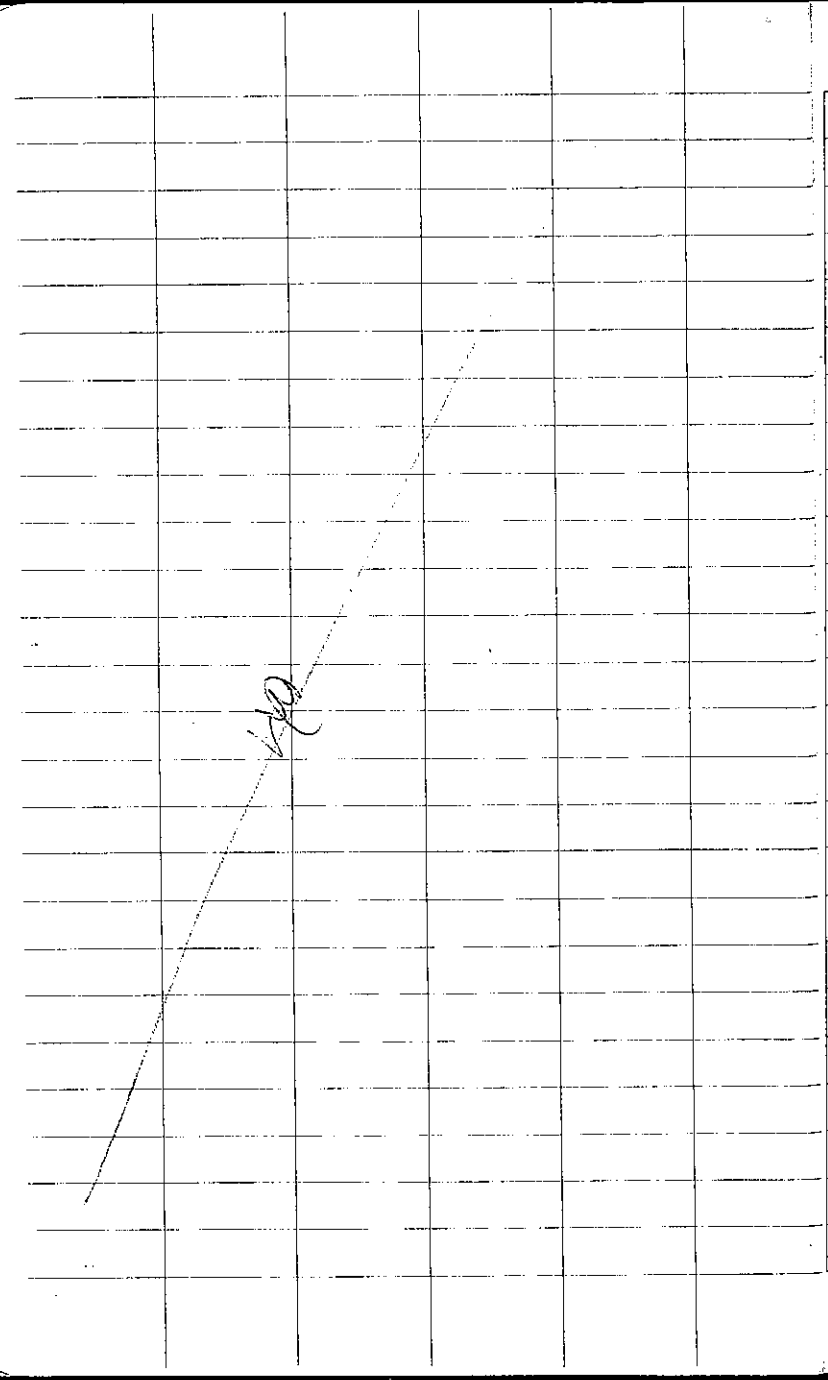
Set screen

#828149-GP2-SS01

1212

0-5 ft. CLAY

OVM: OPPM



1/28/08

TWO EXISTING 1" PIEZOMETERS

DTW 7.08'

WILL SAMPLE THESE INSTEAD OF INSTALLING PERMANENT WELLS GW 1 AND GW 2

Both Samples on GW1 taken 12:30

GW2 1240

SOIL SAMPLE

#828149 - GP3 - SS01 1400

0-5ft. CLAY OVM 0 PPM

GW SAMPLE

#828149 - GP3 - GW01 1415

INSTALLED 10'

SOIL VAPOR POINT

#828149 - GP3 - SV01

INSTALLED 1430

SOIL - GP3 5-10' OVM 0 PPM

(NOT sampled) 1422

828149 - GP4 - SS01 1500

* 0-5ft. OVM 0.00

SAND + CLAY

5-10 ft. OVM 0.00 (not Sampled)

INSTALL 828149 - GP4 - GW01 1520

10'

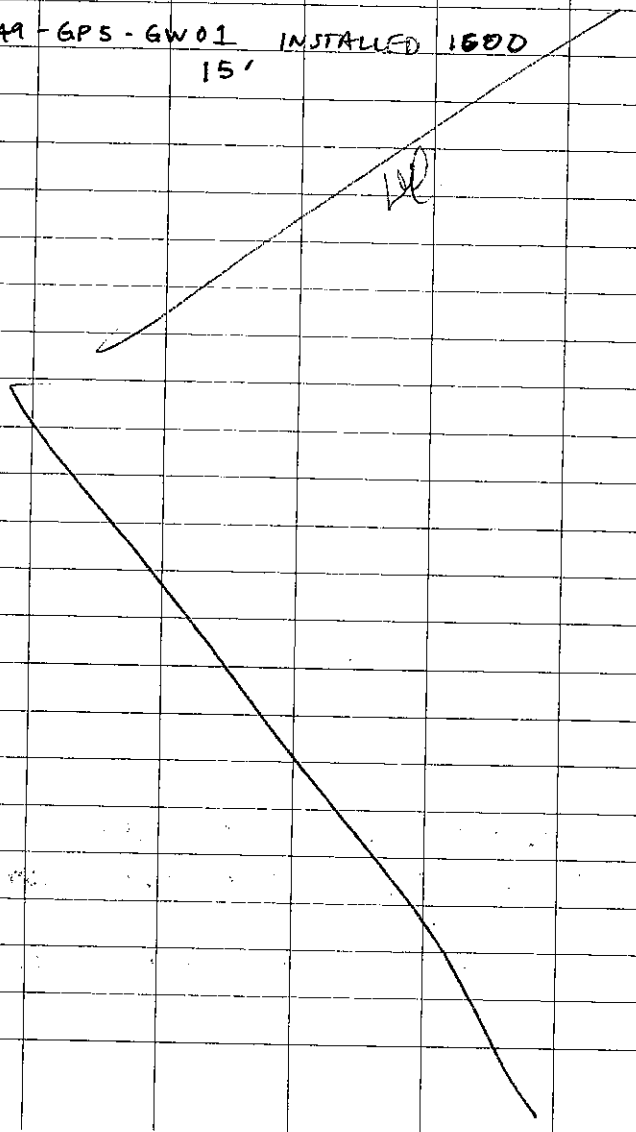
1/28/08

828149 - GP5 - SS01 1550

0 - 5' SAND + CLAY OVM 0.00 PPM

828149 - GP5 - GW01 INSTALLED 1600

15'



1/28/08

0725 ON SITE @ TOWN + COUNTRY

0740 HELIUM TESTING GP4 - SV1

0 PPM

OVM 0 PPM

CANISTER # 419

2 HR REGULATOR # 296

SAMPLE # 828149 - GP4 - SV1

START: 0753

START VACUUM 28

END: 0938

END VAC: 4

SAMPLE # 828149 - GP5 - SV1

START: 0802

END 0948

START VACUUM: 30

END VAC: 3.5

CANISTER # 78

2 HR. REGULATOR # 147

828149 - GP3 - SV1

START: 0805

END: 0950

VACUUM 29 END VAC: 4

CANISTER # 84

2 HR REGULATOR # 186

OVM 0 PPM

1/29/08

828149-GP1-SV1
OVM 20.2 PPM at 0805
CANISTER # 90
2HR. REGULATOR # 392
START 0812
END 0953
START VACUUM: 28.5
END VAC: 4

1000 IN FRONT OF 32 ELWELL DR.
SOIL SAMPLE
~~828149~~-GP6-SS01 1010
0-5' OVM 0 PPM
5-10' wet - OVM 0 PPM
set well at ~~10~~ 11' - 5 screen
5' riser - Temporary Point
Set SV Point at 4'

Sample 2 Existing wells upgradient of Town & Country

GW 2055 Corner of orchard & Irvin.
DTW - 9'
DTB - 14.6'

purge with bailer

Sample 2 VOAs 0930
828149-GW2055-01

GW 2045-01 - 600 on Elmore St
Between House 185 & 167
DTW - 6.80'
DTB - 15.75'
Purge with Bailer

Sample 2 VOAs ~~0955~~ ~~0960~~
828149-GW2045-01

1105 AT #105 ~~[illegible]~~ MONROE PKWY
SET WELL AT ~~[illegible]~~ 11' GP-7
~~SAMPLE 2 VOA'S~~
~~828149 [illegible] GP-7 GW-1~~

1122 AT # 83 MONROE PKWY
PERMANENT WELL 10' (HIT ROCK - GLACIAL TILL?)
SOIL VAPOR SAMPLE 5' SCREEN
828149-GP8-SV01 INSTALL AT
-GP8-SS1 0-5' @ 11:45
NO RESULT 0 ppm VOC

1/29/08

1250 INSTALLING TEMP WELL @
43 MONROE PLWY
10' DEEP
828149-GP9

828149 GP100 - duplicate at GP 10 soil sample

828149-GP1 5.36' DTW
AT 1300

SAMPLE 2 VOAS 828149-GP1-GW1 1305

DTW 3.41' 828149-GP2 at 1310
SAMPLE 2 VOAS 828149-GP2-GW1 at 1315
duplicate: 828149-GP2-GW10 at 1320
SAMPLE 2 VOAS

828149-GP3 DTW 5.85' at 1330
SAMPLE 2 VOAS 828149-GP3-GW1 1335

828149-GP4-
6.50 DTW at 1341
SAMPLE 2 VOAS at 1345
828149-GP4-GW1

1/29/08

828149-GP5 DTW: 8.10' at 1348
SAMPLE 2 VOAS at 1350
828149-GP5-GW1

828149-GP6 DTW: 8.35' at 1410
SAMPLE TOMORROW

828149-GP10-SS1 duplicate at 1325
(2) Soil samples, one labeled 100 → 0-5'
drilled groundwater to 10 ft
Samples taken at 1315 -
no result on VOC meter → 0 ppm

828149-GP11 GP110-SS1 ← duplicate at 1355
(2) Soil samples, one labelled 110
0-5 ft taken at 1345
groundwater well depth = 10'
No result on VOC meter 0 ppm
Put Soil vapor well at 4' because
soil @ 5' looked wet

828149-GP12-SS1 @ 1505
SOIL SAMPLE 0-5' SANDY W/SOME CLAY (5-10' CLAY)

INSTALL TEMORARY WELL @ 1525
DEPTH: 14'

1/30/08 20° WINDY

0725 AT 32 ELWELL DR.
SOIL VAPOR HELIUM JESTING
AND INSTALLING SV01
WILL DO A DUPLICATE HERE

828149-GP6-SV1
828149-GP6-SV100 DUPLICATE

SV100 (DUPLICATE)
CANISTER #: 415
REGULATOR #: (400 - [illegible])
START: 0745
VAC START: 27
STOP: 0920
VAC STOP: 1

SV1 [illegible]
CANISTER #: 463
REGULATOR #: (79 - FAULTY) - NEW # 78
START: 0745
START VAC: 27
END: 0920
END VAC: 4

1/30/08

HELIUM TEST 0 PPM } AT GP6
OVM 0 PPM

828149 - GP8 - SV1
canister # 412 OVM 0 PPM
regulator #63 0758

START: 0800
START VAC: 29
END: 0950
END VAC: 4

828149 - GP11 - SV1 OVM 0.00 PPM
CANISTER # 422 0810
REGULATOR # 175

START: 0815
START VAC: 28
END: 0955
END VAC: 3

828149 - GP7 - GW1
SAMPLED 2 VOAs AT 0925

828149 - GP6 - GW1
SAMPLED 2 VOAs AT 1015

1/30/08

828149-GP8-GW1
PERMANENT WELL
~~2 VOAS SAMPLED AT 1036~~
CAP WAS STUCK ON WELL - HAD TO PULL IT UP A FEW INCHES TO GET IT OFF
- WELL DRY - WILL CHECK AGAIN LATER.

828149-GP9-GW1
2 VOAS SAMPLED AT 1045

828149-GP10-GW1
2 VOAS SAMPLED AT 1055
PERMANENT WELL

828149-GP11-GW1
2 VOAS SAMPLED AT 1110

828149-GP12-GW1
2 VOAS SAMPLED AT 1125

1135 CHECKED WATER LEVEL IN GP8 AGAIN - STILL DRY.

04/30/08

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

February 20, 2008

CDM
15 Cornell Road
Latham, NY 12110
Attn: Mr. John Blaum

RE: Client Project: Town and Country Cleaners – Site No. 8-28-149
Lab Work Order #: G0125

Dear Mr. Blaum:

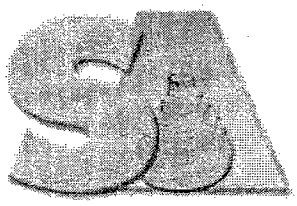
Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Shirley Ng
Project Manager

MITKEM LABORATORIES



* Data Summary Pack *

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Identification and Analytical Requirements Summary

Project Name : Town and Country Cleaners - Site No. 8-28-149 **SDG :** G0125

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
GP7-GW1	G0125-01	SW8260_W				
GW204S-01	G0125-02	SW8260_W				
GP110-SS1	G0125-03	SW8260_LOW_S				
GP4-SS1	G0125-04	SW8260_LOW_S				
GP8-SS1	G0125-05	SW8260_LOW_S				
GP11-SS1	G0125-06	SW8260_LOW_S				
GP100-SS1	G0125-07	SW8260_LOW_S				
GP12-SS1	G0125-08	SW8260_LOW_S				
GP10-SS1	G0125-09	SW8260_LOW_S				
GP5-SS1	G0125-10	SW8260_LOW_S				
GP6-SS1	G0125-11	SW8260_LOW_S				
GP1-SS01	G0125-12	SW8260_LOW_S				
GP2-SS1	G0125-13	SW8260_LOW_S				
GP3-SS01	G0125-14	SW8260_LOW_S				
GP5-GW1	G0125-15	SW8260_W				
GW2	G0125-16	SW8260_W				
GP1-GW1	G0125-17	SW8260_W				
GW1	G0125-18	SW8260_W				
GW205S-01	G0125-19	SW8260_W				
GP2-GW1	G0125-20	SW8260_W				
GP2-GW10	G0125-21	SW8260_W				
GP3-GW1	G0125-22	SW8260_W				
GP6-GW1	G0125-23	SW8260_W				
GP10-GW1	G0125-24	SW8260_W				
GP12-GW1	G0125-25	SW8260_W				
GP11-GW1	G0125-26	SW8260_W				
GP9-GW1	G0125-27	SW8260_W				
TRIPBLANK	G0125-28	SW8260_W				
GP4-GW1	G0125-29	SW8260_W				

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : Town and Country Cleaners - Site No. 8-28-149 **SDG :** G0125

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_LOW_S					
G0125-03A	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-04A	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-05A	SL	1/29/2008	1/31/2008	NA	1/31/2008
G0125-06A	SL	1/29/2008	1/31/2008	NA	1/31/2008
G0125-07A	SL	1/29/2008	1/31/2008	NA	1/31/2008
G0125-07ARE	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-08A	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-08ARE	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-09A	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-10A	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-11A	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-11ARE	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-12A	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-12ADL	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-13A	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-13ADL	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-14A	SL	1/28/2008	1/31/2008	NA	2/1/2008
SW8260_W					
G0125-01A	AQ	1/30/2008	1/31/2008	NA	2/4/2008
G0125-02A	AQ	1/29/2008	1/31/2008	NA	2/4/2008
G0125-15A	AQ	1/29/2008	1/31/2008	NA	2/4/2008
G0125-16A	AQ	1/28/2008	1/31/2008	NA	2/4/2008
G0125-16ADL	AQ	1/28/2008	1/31/2008	NA	2/5/2008
G0125-17A	AQ	1/29/2008	1/31/2008	NA	2/4/2008
G0125-17ADL	AQ	1/29/2008	1/31/2008	NA	2/5/2008
G0125-18A	AQ	1/28/2008	1/31/2008	NA	2/4/2008
G0125-18ADL	AQ	1/28/2008	1/31/2008	NA	2/5/2008
G0125-19A	AQ	1/29/2008	1/31/2008	NA	2/5/2008
G0125-20A	AQ	1/29/2008	1/31/2008	NA	2/5/2008
G0125-20ADL	AQ	1/29/2008	1/31/2008	NA	2/6/2008
G0125-21A	AQ	1/29/2008	1/31/2008	NA	2/5/2008
G0125-21ADL	AQ	1/29/2008	1/31/2008	NA	2/8/2008
G0125-22A	AQ	1/29/2008	1/31/2008	NA	2/6/2008
G0125-23A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-24A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-25A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-26A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-27A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-28A	AQ	1/30/2008	1/31/2008	NA	2/5/2008
G0125-29A	AQ	1/29/2008	1/31/2008	NA	2/8/2008

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : Town and Country Cleaners - Site No. 8-28-149 **SDG :** G0125

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_LOW_S					
G0125-03A	SL	SW8260_LOW_S	NA	LOW	1
G0125-04A	SL	SW8260_LOW_S	NA	LOW	1
G0125-05A	SL	SW8260_LOW_S	NA	LOW	1
G0125-06A	SL	SW8260_LOW_S	NA	LOW	1
G0125-07A	SL	SW8260_LOW_S	NA	LOW	1
G0125-07ARE	SL	SW8260_LOW_S	NA	LOW	1
G0125-08A	SL	SW8260_LOW_S	NA	LOW	1
G0125-08ARE	SL	SW8260_LOW_S	NA	LOW	1
G0125-09A	SL	SW8260_LOW_S	NA	LOW	1
G0125-10A	SL	SW8260_LOW_S	NA	LOW	1
G0125-11A	SL	SW8260_LOW_S	NA	LOW	1
G0125-11ARE	SL	SW8260_LOW_S	NA	LOW	1
G0125-12A	SL	SW8260_LOW_S	NA	LOW	1
G0125-12ADL	SL	SW8260_LOW_S	NA	LOW	1
G0125-13A	SL	SW8260_LOW_S	NA	LOW	1
G0125-13ADL	SL	SW8260_LOW_S	NA	LOW	1
G0125-14A	SL	SW8260_LOW_S	NA	LOW	1
SW8260_W					
G0125-01A	AQ	SW8260_W	NA	LOW	1
G0125-02A	AQ	SW8260_W	NA	LOW	1
G0125-15A	AQ	SW8260_W	NA	LOW	1
G0125-16A	AQ	SW8260_W	NA	LOW	1
G0125-16ADL	AQ	SW8260_W	NA	LOW	1
G0125-17A	AQ	SW8260_W	NA	LOW	1
G0125-17ADL	AQ	SW8260_W	NA	LOW	1
G0125-18A	AQ	SW8260_W	NA	LOW	1
G0125-18ADL	AQ	SW8260_W	NA	LOW	1
G0125-19A	AQ	SW8260_W	NA	LOW	1
G0125-20A	AQ	SW8260_W	NA	LOW	1
G0125-20ADL	AQ	SW8260_W	NA	LOW	1
G0125-21A	AQ	SW8260_W	NA	LOW	1
G0125-21ADL	AQ	SW8260_W	NA	LOW	1
G0125-22A	AQ	SW8260_W	NA	LOW	1
G0125-23A	AQ	SW8260_W	NA	LOW	1
G0125-24A	AQ	SW8260_W	NA	LOW	1
G0125-25A	AQ	SW8260_W	NA	LOW	1
G0125-26A	AQ	SW8260_W	NA	LOW	1
G0125-27A	AQ	SW8260_W	NA	LOW	1
G0125-28A	AQ	SW8260_W	NA	LOW	1
G0125-29A	AQ	SW8260_W	NA	LOW	1

Analytical Data Package for CDM

Client Project No.: Town and Country Cleaners – Site No. 8-28-149

Mitkem Work Order ID: G0125

February 20, 2008

Prepared For:

CDM
15 Cornell Road
Latham, NY 12110
Attn: Mr. John Blaum

Prepared By:

Mitkem Laboratories
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to CDM's Town and Country Cleaners – Site No. 8-28-149 project. Under this deliverable, analysis results are presented for seventeen aqueous samples and twelve soil samples that were received on January 31, 2008. Analyses were performed per discussion with client and the chain of custody forms. Following the narrative is a table of sample identifications for cross-referencing full client sample ID, shortened client sample ID and laboratory sample ID, along with the Mitkem Work Order.

The analyses were performed and reported per NYSDEC ASP (2000 update) requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.
- M6 software did not integrate peak
- M7 partial peak integration

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits with the exception of 1, 2-dichloroethane-d4 in sample GP12-SS1.

Lab control sample/ lab control sample duplicate: spike recoveries were within the QC limits with the exception of 1,1-dichloropropene in V6JLCSD, and total xylene in V1ELCS. Replicate RPDs were within the QC limits with the exception of dichlorodifluoromethane and trichlorofluoromethane in V6JLCS and V6JLCSD.

Sample analysis: due to high concentration of target analytes, sample GP1-GW1 was reanalyzed at a 25x dilution as GP1-GW1DL. Sample GP1-SS01 was re-analyzed at 10x dilution by using 0.5g of sample as GP1-SS01DL. Sample GP2-GW1 was re-analyzed at 1000x dilution as GP2-GW1DL. Sample GP2–GW10 was re-analyzed at 500x dilution as GP2-GW10DL. Sample GP2-SS1 was re-analyzed at 5x dilution by using 1g of sample as GP2-SS1DL. Sample GW1 was re-analyzed at a 5x dilution as GW1DL. Sample GW2 was reanalyzed at 4x dilution as GW2DL. Internal standard area count was outside the QC limits in samples GP100-SS1 and its re-analysis GP100-SS1RE, GP12-SS1 and its re-analysis GP12-SS1RE, GP6-SS1 and its re-analysis GP6-SS1RE, and GP1-SS01.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Shirley Ng
Project Manager
02/20/08

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: G0125

Client Name: CDM

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
G0125-01A	GP7-GW1	828149-GP7-GW1
G0125-02A	GW204S-01	828149-GW204S-01
G0125-03A	GP110-SS1	828149-GP110-SS1
G0125-04A	GP4-SS1	828149-GP4-SS1
G0125-05A	GP8-SS1	828149-GP8-SS1
G0125-06A	GP11-SS1	828149-GP11-SS1
G0125-07A	GP100-SS1	828149-GP100-SS1
G0125-08A	GP12-SS1	828149-GP12-SS1
G0125-09A	GP10-SS1	828149-GP10-SS1
G0125-10A	GP5-SS1	828149-GP5-SS1
G0125-11A	GP6-SS1	828149-GP6-SS1
G0125-12A	GP1-SS01	828149-GP1-SS01
G0125-13A	GP2-SS1	828149-GP2-SS1
G0125-14A	GP3-SS01	828149-GP3-SS01
G0125-15A	GP5-GW1	828149-GP5-GW1
G0125-16A	GW2	828149-GW2
G0125-17A	GP1-GW1	828149-GP1-GW1
G0125-18A	GW1	828149-GW1
G0125-19A	GW205S-01	828149-GW205S-01
G0125-20A	GP2-GW1	828149-GP2-GW1
G0125-21A	GP2-GW10	828149-GP2-GW10
G0125-22A	GP3-GW1	828149-GP3-GW1
G0125-23A	GP6-GW1	828149-GP6-GW1
G0125-24A	GP10-GW1	828149-GP10-GW1
G0125-25A	GP12-GW1	828149-GP12-GW1
G0125-26A	GP11-GW1	828149-GP11-GW1
G0125-27A	GP9-GW1	828149-GP9-GW1
G0125-28A	TRIPBLANK	TRIP BLANK
G0125-29A	GP4-GW1	828149-GP4-GW1

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6198

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	1500	E
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	51	
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	26	
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	3	J
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2300	E
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	870	E
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	1	J
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6198

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	1400	E
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP1-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6198

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6208

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	120	U
74-87-3	Chloromethane	120	U
75-01-4	Vinyl Chloride	1300	D
74-83-9	Bromomethane	120	U
75-00-3	Chloroethane	120	U
75-69-4	Trichlorofluoromethane	120	U
75-35-4	1,1-Dichloroethene	39	DJ
67-64-1	Acetone	120	U
74-88-4	Iodomethane	120	U
75-15-0	Carbon Disulfide	120	U
75-09-2	Methylene Chloride	120	U
156-60-5	trans-1,2-Dichloroethene	120	U
1634-04-4	Methyl tert-butyl ether	120	U
75-34-3	1,1-Dichloroethane	120	U
108-05-4	Vinyl acetate	120	U
78-93-3	2-Butanone	120	U
156-59-2	cis-1,2-Dichloroethene	2700	D
590-20-7	2,2-Dichloropropane	120	U
74-97-5	Bromochloromethane	120	U
67-66-3	Chloroform	120	U
71-55-6	1,1,1-Trichloroethane	120	U
563-58-6	1,1-Dichloropropene	120	U
56-23-5	Carbon Tetrachloride	120	U
107-06-2	1,2-Dichloroethane	120	U
71-43-2	Benzene	120	U
79-01-6	Trichloroethene	770	D
78-87-5	1,2-Dichloropropane	120	U
74-95-3	Dibromomethane	120	U
75-27-4	Bromodichloromethane	120	U
10061-01-5	cis-1,3-Dichloropropene	120	U
108-10-1	4-Methyl-2-pentanone	120	U
108-88-3	Toluene	120	U
10061-02-6	trans-1,3-Dichloropropene	120	U
79-00-5	1,1,2-Trichloroethane	120	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6208

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	120	U
127-18-4	Tetrachloroethene	2900	DB
591-78-6	2-Hexanone	120	U
124-48-1	Dibromochloromethane	120	U
106-93-4	1,2-Dibromoethane	120	U
108-90-7	Chlorobenzene	120	U
630-20-6	1,1,1,2-Tetrachloroethane	120	U
100-41-4	Ethylbenzene	120	U
----------	m,p-Xylene	120	U
95-47-6	o-Xylene	120	U
1330-20-7	Xylene (Total)	120	U
100-42-5	Styrene	120	U
75-25-2	Bromoform	120	U
98-82-8	Isopropylbenzene	120	U
79-34-5	1,1,2,2-Tetrachloroethane	120	U
108-86-1	Bromobenzene	120	U
96-18-4	1,2,3-Trichloropropane	120	U
103-65-1	n-Propylbenzene	120	U
95-49-8	2-Chlorotoluene	120	U
108-67-8	1,3,5-Trimethylbenzene	120	U
106-43-4	4-Chlorotoluene	120	U
98-06-6	tert-Butylbenzene	120	U
95-63-6	1,2,4-Trimethylbenzene	120	U
135-98-8	sec-Butylbenzene	120	U
99-87-6	4-Isopropyltoluene	120	U
541-73-1	1,3-Dichlorobenzene	120	U
106-46-7	1,4-Dichlorobenzene	120	U
104-51-8	n-Butylbenzene	120	U
95-50-1	1,2-Dichlorobenzene	120	U
96-12-8	1,2-Dibromo-3-chloropropane	120	U
120-82-1	1,2,4-Trichlorobenzene	120	U
87-68-3	Hexachlorobutadiene	120	U
91-20-3	Naphthalene	120	U
87-61-6	1,2,3-Trichlorobenzene	120	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP1-GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6208

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-12A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J3831

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	270	E
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	16	
67-64-1	Acetone	7	B
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	9	
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	1200	E
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	340	E
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-12A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J3831

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	210	
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

GP1-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-12A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J3831

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-SS01DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-12ADL

Sample wt/vol: 0.5 (g/mL) G Lab File ID: V1J3860

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	62	U
74-87-3	Chloromethane	62	U
75-01-4	Vinyl Chloride	200	D
74-83-9	Bromomethane	62	U
75-00-3	Chloroethane	62	U
75-69-4	Trichlorofluoromethane	62	U
75-35-4	1,1-Dichloroethene	24	DJ
67-64-1	Acetone	62	U
74-88-4	Iodomethane	62	U
75-15-0	Carbon Disulfide	62	U
75-09-2	Methylene Chloride	32	DJB
156-60-5	trans-1,2-Dichloroethene	18	DJ
1634-04-4	Methyl tert-butyl ether	62	U
75-34-3	1,1-Dichloroethane	62	U
108-05-4	Vinyl acetate	62	U
78-93-3	2-Butanone	62	U
156-59-2	cis-1,2-Dichloroethene	2200	D
590-20-7	2,2-Dichloropropane	62	U
74-97-5	Bromochloromethane	62	U
67-66-3	Chloroform	62	U
71-55-6	1,1,1-Trichloroethane	62	U
563-58-6	1,1-Dichloropropene	62	U
56-23-5	Carbon Tetrachloride	62	U
107-06-2	1,2-Dichloroethane	62	U
71-43-2	Benzene	62	U
79-01-6	Trichloroethene	1100	D
78-87-5	1,2-Dichloropropane	62	U
74-95-3	Dibromomethane	62	U
75-27-4	Bromodichloromethane	62	U
10061-01-5	cis-1,3-Dichloropropene	62	U
108-10-1	4-Methyl-2-pentanone	62	U
108-88-3	Toluene	19	DJ
10061-02-6	trans-1,3-Dichloropropene	62	U
79-00-5	1,1,2-Trichloroethane	62	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-SS01DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-12ADL

Sample wt/vol: 0.5 (g/mL) G Lab File ID: V1J3860

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	62	U
127-18-4	Tetrachloroethene	1100	D
591-78-6	2-Hexanone	62	U
124-48-1	Dibromochloromethane	62	U
106-93-4	1,2-Dibromoethane	62	U
108-90-7	Chlorobenzene	62	U
630-20-6	1,1,1,2-Tetrachloroethane	62	U
100-41-4	Ethylbenzene	62	U
----------	m,p-Xylene	62	U
95-47-6	o-Xylene	62	U
1330-20-7	Xylene (Total)	62	U
100-42-5	Styrene	62	U
75-25-2	Bromoform	62	U
98-82-8	Isopropylbenzene	62	U
79-34-5	1,1,2,2-Tetrachloroethane	62	U
108-86-1	Bromobenzene	62	U
96-18-4	1,2,3-Trichloropropane	62	U
103-65-1	n-Propylbenzene	62	U
95-49-8	2-Chlorotoluene	62	U
108-67-8	1,3,5-Trimethylbenzene	62	U
106-43-4	4-Chlorotoluene	62	U
98-06-6	tert-Butylbenzene	62	U
95-63-6	1,2,4-Trimethylbenzene	62	U
135-98-8	sec-Butylbenzene	62	U
99-87-6	4-Isopropyltoluene	62	U
541-73-1	1,3-Dichlorobenzene	62	U
106-46-7	1,4-Dichlorobenzene	62	U
104-51-8	n-Butylbenzene	62	U
95-50-1	1,2-Dichlorobenzene	62	U
96-12-8	1,2-Dibromo-3-chloropropane	62	U
120-82-1	1,2,4-Trichlorobenzene	62	U
87-68-3	Hexachlorobutadiene	62	U
91-20-3	Naphthalene	62	U
87-61-6	1,2,3-Trichlorobenzene	62	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP1-SS01DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-12ADL

Sample wt/vol: 0.5 (g/mL) G Lab File ID: V1J3860

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP10-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-24A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6228

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	2	J
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP10-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-24A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6228

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	2	JB
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	2	J
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	2	J
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP10-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-24A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6228

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP10-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-09A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3856

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	4	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP10-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-09A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3856

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP10-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-09A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3856

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP100-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-07A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3826

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP100-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-07A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3826

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP100-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-07A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3826

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP100-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-07ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3854

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	4	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	5	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP100-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-07ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3854

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP100-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-07ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3854

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	8.32	6	NJ
2.	264-09-5	BENZOCYCLOHEPTATRIENE	16.08	7	NJ
3.	582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	17.18	8	NJ
4.	575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	17.34	8	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP11-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-26A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6230

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	14	
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	2	J
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP11-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-26A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6230

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	2	JB
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

GP11-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-26A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6230

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP11-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-06A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3825

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP11-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-06A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3825

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP11-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-06A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3825

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP110-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-03A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J3852

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP110-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-03A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J3852

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	3	J
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	2	J
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	3	J
87-61-6	1,2,3-Trichlorobenzene	2	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP110-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-03A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J3852

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	8.32	6	NJ
2.	2809-64-5	NAPHTHALENE, 1,2,3,4-TETRAHY	15.53	9	NJ
3.	91-57-6	NAPHTHALENE, 2-METHYL-	16.08	36	NJ
4.	91-57-6	NAPHTHALENE, 2-METHYL-	16.27	21	NJ
5.	14679-13-1	BENZENE, 1,3,5-TRIMETHYL-2-(	16.81	7	NJ
6.	939-27-5	NAPHTHALENE, 2-ETHYL-	17.04	10	NJ
7.	575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	17.17	30	NJ
8.	575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	17.34	35	NJ
9.	581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	17.38	21	NJ
10.	581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	17.61	18	NJ
11.	1127-76-0	NAPHTHALENE, 1-ETHYL-	17.79	6	NJ
12.					
13.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP12-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-25A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6229

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP12-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-25A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6229

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	2	JB
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP12-GW1

Lab Name: MITKEM LABORATORIES • Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-25A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6229

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP12-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-08A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3827

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP12-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-08A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3827

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	1	J
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP12-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-08A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3827

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	8.29	8	NJB
2.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP12-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-08ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3855

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	5	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	5	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP12-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-08ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3855

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	1	J
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP12-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-08ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3855

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6211

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	220	E
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	44	
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	23	
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	20	
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2200	E
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	61	
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	980	E
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6211

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	6500	EB
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

GP2-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6211

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-20ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6231

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5000	U
74-87-3	Chloromethane	5000	U
75-01-4	Vinyl Chloride	5000	U
74-83-9	Bromomethane	5000	U
75-00-3	Chloroethane	5000	U
75-69-4	Trichlorofluoromethane	5000	U
75-35-4	1,1-Dichloroethene	5000	U
67-64-1	Acetone	5000	U
74-88-4	Iodomethane	5000	U
75-15-0	Carbon Disulfide	5000	U
75-09-2	Methylene Chloride	5000	U
156-60-5	trans-1,2-Dichloroethene	5000	U
1634-04-4	Methyl tert-butyl ether	5000	U
75-34-3	1,1-Dichloroethane	5000	U
108-05-4	Vinyl acetate	5000	U
78-93-3	2-Butanone	5000	U
156-59-2	cis-1,2-Dichloroethene	3100	DJ
590-20-7	2,2-Dichloropropane	5000	U
74-97-5	Bromochloromethane	5000	U
67-66-3	Chloroform	5000	U
71-55-6	1,1,1-Trichloroethane	5000	U
563-58-6	1,1-Dichloropropene	5000	U
56-23-5	Carbon Tetrachloride	5000	U
107-06-2	1,2-Dichloroethane	5000	U
71-43-2	Benzene	5000	U
79-01-6	Trichloroethene	1200	DJ
78-87-5	1,2-Dichloropropane	5000	U
74-95-3	Dibromomethane	5000	U
75-27-4	Bromodichloromethane	5000	U
10061-01-5	cis-1,3-Dichloropropene	5000	U
108-10-1	4-Methyl-2-pentanone	5000	U
108-88-3	Toluene	5000	U
10061-02-6	trans-1,3-Dichloropropene	5000	U
79-00-5	1,1,2-Trichloroethane	5000	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-20ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6231

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5000	U
127-18-4	Tetrachloroethene	74000	DB
591-78-6	2-Hexanone	5000	U
124-48-1	Dibromochloromethane	5000	U
106-93-4	1,2-Dibromoethane	5000	U
108-90-7	Chlorobenzene	5000	U
630-20-6	1,1,1,2-Tetrachloroethane	5000	U
100-41-4	Ethylbenzene	5000	U
----------	m,p-Xylene	5000	U
95-47-6	o-Xylene	5000	U
1330-20-7	Xylene (Total)	5000	U
100-42-5	Styrene	5000	U
75-25-2	Bromoform	5000	U
98-82-8	Isopropylbenzene	5000	U
79-34-5	1,1,2,2-Tetrachloroethane	5000	U
108-86-1	Bromobenzene	5000	U
96-18-4	1,2,3-Trichloropropane	5000	U
103-65-1	n-Propylbenzene	5000	U
95-49-8	2-Chlorotoluene	5000	U
108-67-8	1,3,5-Trimethylbenzene	5000	U
106-43-4	4-Chlorotoluene	5000	U
98-06-6	tert-Butylbenzene	5000	U
95-63-6	1,2,4-Trimethylbenzene	5000	U
135-98-8	sec-Butylbenzene	5000	U
99-87-6	4-Isopropyltoluene	5000	U
541-73-1	1,3-Dichlorobenzene	5000	U
106-46-7	1,4-Dichlorobenzene	5000	U
104-51-8	n-Butylbenzene	5000	U
95-50-1	1,2-Dichlorobenzene	5000	U
96-12-8	1,2-Dibromo-3-chloropropane	5000	U
120-82-1	1,2,4-Trichlorobenzene	5000	U
87-68-3	Hexachlorobutadiene	5000	U
91-20-3	Naphthalene	5000	U
87-61-6	1,2,3-Trichlorobenzene	5000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP2-GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-20ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6231

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1000.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-GW10

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-21A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6212

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	100	
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	23	
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	16	
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	16	
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	1900	E
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	38	
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	780	E
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-GW10

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-21A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6212

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5200	EB
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP2-GW10

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-21A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6212

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-GW10DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-21ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6266

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 500.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	2500	U
74-87-3	Chloromethane	2500	U
75-01-4	Vinyl Chloride	2500	U
74-83-9	Bromomethane	2500	U
75-00-3	Chloroethane	2500	U
75-69-4	Trichlorofluoromethane	2500	U
75-35-4	1,1-Dichloroethene	2500	U
67-64-1	Acetone	2500	U
74-88-4	Iodomethane	2500	U
75-15-0	Carbon Disulfide	2500	U
75-09-2	Methylene Chloride	2500	U
156-60-5	trans-1,2-Dichloroethene	2500	U
1634-04-4	Methyl tert-butyl ether	2500	U
75-34-3	1,1-Dichloroethane	2500	U
108-05-4	Vinyl acetate	2500	U
78-93-3	2-Butanone	2500	U
156-59-2	cis-1,2-Dichloroethene	2600	D
590-20-7	2,2-Dichloropropane	2500	U
74-97-5	Bromochloromethane	2500	U
67-66-3	Chloroform	2500	U
71-55-6	1,1,1-Trichloroethane	2500	U
563-58-6	1,1-Dichloropropene	2500	U
56-23-5	Carbon Tetrachloride	2500	U
107-06-2	1,2-Dichloroethane	2500	U
71-43-2	Benzene	2500	U
79-01-6	Trichloroethene	830	DJ
78-87-5	1,2-Dichloropropane	2500	U
74-95-3	Dibromomethane	2500	U
75-27-4	Bromodichloromethane	2500	U
10061-01-5	cis-1,3-Dichloropropene	2500	U
108-10-1	4-Methyl-2-pentanone	2500	U
108-88-3	Toluene	2500	U
10061-02-6	trans-1,3-Dichloropropene	2500	U
79-00-5	1,1,2-Trichloroethane	2500	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-GW10DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-21ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6266

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 500.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	2500	U
127-18-4	Tetrachloroethene	46000	DB
591-78-6	2-Hexanone	2500	U
124-48-1	Dibromochloromethane	2500	U
106-93-4	1,2-Dibromoethane	2500	U
108-90-7	Chlorobenzene	2500	U
630-20-6	1,1,1,2-Tetrachloroethane	2500	U
100-41-4	Ethylbenzene	2500	U
----------	m,p-Xylene	2500	U
95-47-6	o-Xylene	2500	U
1330-20-7	Xylene (Total)	2500	U
100-42-5	Styrene	2500	U
75-25-2	Bromoform	2500	U
98-82-8	Isopropylbenzene	2500	U
79-34-5	1,1,2,2-Tetrachloroethane	2500	U
108-86-1	Bromobenzene	2500	U
96-18-4	1,2,3-Trichloropropane	2500	U
103-65-1	n-Propylbenzene	2500	U
95-49-8	2-Chlorotoluene	2500	U
108-67-8	1,3,5-Trimethylbenzene	2500	U
106-43-4	4-Chlorotoluene	2500	U
98-06-6	tert-Butylbenzene	2500	U
95-63-6	1,2,4-Trimethylbenzene	2500	U
135-98-8	sec-Butylbenzene	2500	U
99-87-6	4-Isopropyltoluene	2500	U
541-73-1	1,3-Dichlorobenzene	2500	U
106-46-7	1,4-Dichlorobenzene	2500	U
104-51-8	n-Butylbenzene	2500	U
95-50-1	1,2-Dichlorobenzene	2500	U
96-12-8	1,2-Dibromo-3-chloropropane	2500	U
120-82-1	1,2,4-Trichlorobenzene	2500	U
87-68-3	Hexachlorobutadiene	2500	U
91-20-3	Naphthalene	2500	U
87-61-6	1,2,3-Trichlorobenzene	2500	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP2-GW10DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-21ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6266

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 500.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-13A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J3832

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 17 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	3	JB
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	8	
156-59-2	cis-1,2-Dichloroethene	200	
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	84	
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-13A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J3832

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 17 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	790	E
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP2-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-13A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J3832

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 17 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-SS1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-13ADL

Sample wt/vol: 1.0 (g/mL) G Lab File ID: V1J3861

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 17 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	30	U
74-87-3	Chloromethane	30	U
75-01-4	Vinyl Chloride	30	U
74-83-9	Bromomethane	30	U
75-00-3	Chloroethane	30	U
75-69-4	Trichlorofluoromethane	30	U
75-35-4	1,1-Dichloroethene	30	U
67-64-1	Acetone	30	U
74-88-4	Iodomethane	30	U
75-15-0	Carbon Disulfide	30	U
75-09-2	Methylene Chloride	11	DJB
156-60-5	trans-1,2-Dichloroethene	30	U
1634-04-4	Methyl tert-butyl ether	30	U
75-34-3	1,1-Dichloroethane	30	U
108-05-4	Vinyl acetate	30	U
78-93-3	2-Butanone	30	U
156-59-2	cis-1,2-Dichloroethene	100	D
590-20-7	2,2-Dichloropropane	30	U
74-97-5	Bromochloromethane	30	U
67-66-3	Chloroform	30	U
71-55-6	1,1,1-Trichloroethane	30	U
563-58-6	1,1-Dichloropropene	30	U
56-23-5	Carbon Tetrachloride	30	U
107-06-2	1,2-Dichloroethane	30	U
71-43-2	Benzene	30	U
79-01-6	Trichloroethene	41	D
78-87-5	1,2-Dichloropropane	30	U
74-95-3	Dibromomethane	30	U
75-27-4	Bromodichloromethane	30	U
10061-01-5	cis-1,3-Dichloropropene	30	U
108-10-1	4-Methyl-2-pentanone	30	U
108-88-3	Toluene	30	U
10061-02-6	trans-1,3-Dichloropropene	30	U
79-00-5	1,1,2-Trichloroethane	30	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP2-SS1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-13ADL

Sample wt/vol: 1.0 (g/mL) G Lab File ID: V1J3861

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 17 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	30	U
127-18-4	Tetrachloroethene	480	D
591-78-6	2-Hexanone	30	U
124-48-1	Dibromochloromethane	30	U
106-93-4	1,2-Dibromoethane	30	U
108-90-7	Chlorobenzene	30	U
630-20-6	1,1,1,2-Tetrachloroethane	30	U
100-41-4	Ethylbenzene	30	U
----------	m,p-Xylene	30	U
95-47-6	o-Xylene	30	U
1330-20-7	Xylene (Total)	30	U
100-42-5	Styrene	30	U
75-25-2	Bromoform	30	U
98-82-8	Isopropylbenzene	30	U
79-34-5	1,1,2,2-Tetrachloroethane	30	U
108-86-1	Bromobenzene	30	U
96-18-4	1,2,3-Trichloropropane	30	U
103-65-1	n-Propylbenzene	30	U
95-49-8	2-Chlorotoluene	30	U
108-67-8	1,3,5-Trimethylbenzene	30	U
106-43-4	4-Chlorotoluene	30	U
98-06-6	tert-Butylbenzene	30	U
95-63-6	1,2,4-Trimethylbenzene	30	U
135-98-8	sec-Butylbenzene	30	U
99-87-6	4-Isopropyltoluene	30	U
541-73-1	1,3-Dichlorobenzene	30	U
106-46-7	1,4-Dichlorobenzene	30	U
104-51-8	n-Butylbenzene	30	U
95-50-1	1,2-Dichlorobenzene	30	U
96-12-8	1,2-Dibromo-3-chloropropane	30	U
120-82-1	1,2,4-Trichlorobenzene	30	U
87-68-3	Hexachlorobutadiene	30	U
91-20-3	Naphthalene	30	U
87-61-6	1,2,3-Trichlorobenzene	30	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP2-SS1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-13ADL

Sample wt/vol: 1.0 (g/mL) G Lab File ID: V1J3861

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 17 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

GP3-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-22A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6233

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	1	J
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	6	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	26	
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP3-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-22A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6233

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	190	B
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP3-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-22A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6233

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP3-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-14A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3859

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 15 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP3-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-14A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3859

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 15 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	1	J
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP3-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-14A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3859

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 15 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP4-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-29A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6267

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	8	
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	1	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	1	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP4-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-29A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6267

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	6	B
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP4-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-29A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6267

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP4-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-04A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3853

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	22	B
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	7	
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	5	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP4-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-04A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3853

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP4-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-04A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3853

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	4453-90-1	1,4-METHANONAPHTHALENE, 1,4-	16.08	10	NJ
2.	581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	17.18	10	NJ
3.	581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	17.34	13	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP5-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6196

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	3	J
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	4	J
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	31	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	3	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP5-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6196

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP5-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6196

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP5-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-10A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3857

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 12 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	59	B
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	25	
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	4	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP5-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-10A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3857

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 12 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP5-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-10A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3857

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 12 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

GP6-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-23A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6227

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	49	
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP6-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-23A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6227

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	2	JB
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP6-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-23A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6227

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP6-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-11A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3830

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	6	U
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	1	J
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP6-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-11A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3830

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP6-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-11A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3830

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	8.29	6	NJB
2.					
3.					
4.					
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8.					
9.					
10.					
11.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP6-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-11ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3858

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	10	B
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP6-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-11ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3858

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP6-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-11ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3858

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP7-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6194

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	18	
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	2	J
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP7-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6194

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	3	J
95-47-6	o-Xylene	1	J
1330-20-7	Xylene (Total)	4	J
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	1	J
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP7-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6194

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP8-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-05A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3824

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 22 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	4	JB
74-88-4	Iodomethane	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	2	J
156-59-2	cis-1,2-Dichloroethene	6	U
590-20-7	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1,1-Dichloropropene	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP8-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-05A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3824

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 22 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	U
----------	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-86-1	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
87-68-3	Hexachlorobutadiene	6	U
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP8-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-05A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3824

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 22 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP9-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-27A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6234

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP9-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-27A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6234

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	2	JB
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP9-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-27A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6234

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6199

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	260	E
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	14	
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	4	J
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	1	J
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	500	E
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	82	
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6199

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	19	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6199

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-18ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6209

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	190	D
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	10	DJ
67-64-1	Acetone	25	U
74-88-4	Iodomethane	25	U
75-15-0	Carbon Disulfide	25	U
75-09-2	Methylene Chloride	25	U
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	25	U
108-05-4	Vinyl acetate	25	U
78-93-3	2-Butanone	25	U
156-59-2	cis-1,2-Dichloroethene	420	D
590-20-7	2,2-Dichloropropane	25	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
563-58-6	1,1-Dichloropropene	25	U
56-23-5	Carbon Tetrachloride	25	U
107-06-2	1,2-Dichloroethane	25	U
71-43-2	Benzene	25	U
79-01-6	Trichloroethene	60	D
78-87-5	1,2-Dichloropropane	25	U
74-95-3	Dibromomethane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-18ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6209

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	25	U
127-18-4	Tetrachloroethene	15	DJB
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
630-20-6	1,1,1,2-Tetrachloroethane	25	U
100-41-4	Ethylbenzene	25	U
----------	m,p-Xylene	25	U
95-47-6	o-Xylene	25	U
1330-20-7	Xylene (Total)	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
108-86-1	Bromobenzene	25	U
96-18-4	1,2,3-Trichloropropane	25	U
103-65-1	n-Propylbenzene	25	U
95-49-8	2-Chlorotoluene	25	U
108-67-8	1,3,5-Trimethylbenzene	25	U
106-43-4	4-Chlorotoluene	25	U
98-06-6	tert-Butylbenzene	25	U
95-63-6	1,2,4-Trimethylbenzene	25	U
135-98-8	sec-Butylbenzene	25	U
99-87-6	4-Isopropyltoluene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
104-51-8	n-Butylbenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-68-3	Hexachlorobutadiene	25	U
91-20-3	Naphthalene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-18ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6209

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6197

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	3	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	3	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6197

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	370	E
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GW2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6197

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW2DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-16ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6207

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
67-64-1	Acetone	20	U
74-88-4	Iodomethane	20	U
75-15-0	Carbon Disulfide	20	U
75-09-2	Methylene Chloride	20	U
156-60-5	trans-1,2-Dichloroethene	20	U
1634-04-4	Methyl tert-butyl ether	20	U
75-34-3	1,1-Dichloroethane	20	U
108-05-4	Vinyl acetate	20	U
78-93-3	2-Butanone	20	U
156-59-2	cis-1,2-Dichloroethene	20	U
590-20-7	2,2-Dichloropropane	20	U
74-97-5	Bromochloromethane	20	U
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
563-58-6	1,1-Dichloropropene	20	U
56-23-5	Carbon Tetrachloride	20	U
107-06-2	1,2-Dichloroethane	20	U
71-43-2	Benzene	20	U
79-01-6	Trichloroethene	20	U
78-87-5	1,2-Dichloropropane	20	U
74-95-3	Dibromomethane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-pentanone	20	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW2DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-16ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6207

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	20	U
127-18-4	Tetrachloroethene	400	DB
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	20	U
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	20	U
630-20-6	1,1,1,2-Tetrachloroethane	20	U
100-41-4	Ethylbenzene	20	U
----------	m,p-Xylene	20	U
95-47-6	o-Xylene	20	U
1330-20-7	Xylene (Total)	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
98-82-8	Isopropylbenzene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
108-86-1	Bromobenzene	20	U
96-18-4	1,2,3-Trichloropropane	20	U
103-65-1	n-Propylbenzene	20	U
95-49-8	2-Chlorotoluene	20	U
108-67-8	1,3,5-Trimethylbenzene	20	U
106-43-4	4-Chlorotoluene	20	U
98-06-6	tert-Butylbenzene	20	U
95-63-6	1,2,4-Trimethylbenzene	20	U
135-98-8	sec-Butylbenzene	20	U
99-87-6	4-Isopropyltoluene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
104-51-8	n-Butylbenzene	20	U
95-50-1	1,2-Dichlorobenzene	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
87-68-3	Hexachlorobutadiene	20	U
91-20-3	Naphthalene	20	U
87-61-6	1,2,3-Trichlorobenzene	20	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GW2DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-16ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6207

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW204S-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6195

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	7	
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	7	
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	29	
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	2	J
79-01-6	Trichloroethene	2	J
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW204S-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6195

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	37	
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GW204S-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6195

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW205S-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6210

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2	J
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW205S-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6210

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	2	JB
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GW205S-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6210

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-28A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6206

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-28A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6206

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-28A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6206

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1DLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: LCS-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3814

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	45	
74-87-3	Chloromethane	43	
75-01-4	Vinyl Chloride	46	
74-83-9	Bromomethane	44	
75-00-3	Chloroethane	44	
75-69-4	Trichlorofluoromethane	44	
75-35-4	1,1-Dichloroethene	46	
67-64-1	Acetone	38	B
74-88-4	Iodomethane	44	
75-15-0	Carbon Disulfide	43	
75-09-2	Methylene Chloride	45	
156-60-5	trans-1,2-Dichloroethene	46	
1634-04-4	Methyl tert-butyl ether	44	
75-34-3	1,1-Dichloroethane	46	
108-05-4	Vinyl acetate	48	
78-93-3	2-Butanone	40	
156-59-2	cis-1,2-Dichloroethene	45	
590-20-7	2,2-Dichloropropane	44	
74-97-5	Bromochloromethane	45	
67-66-3	Chloroform	45	
71-55-6	1,1,1-Trichloroethane	47	
563-58-6	1,1-Dichloropropene	46	
56-23-5	Carbon Tetrachloride	47	
107-06-2	1,2-Dichloroethane	46	
71-43-2	Benzene	46	
79-01-6	Trichloroethene	47	
78-87-5	1,2-Dichloropropane	47	
74-95-3	Dibromomethane	47	
75-27-4	Bromodichloromethane	46	
10061-01-5	cis-1,3-Dichloropropene	47	
108-10-1	4-Methyl-2-pentanone	44	
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	48	
79-00-5	1,1,2-Trichloroethane	46	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1DLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: LCS-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3814

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	47	
127-18-4	Tetrachloroethene	46	
591-78-6	2-Hexanone	40	
124-48-1	Dibromochloromethane	47	
106-93-4	1,2-Dibromoethane	47	
108-90-7	Chlorobenzene	47	
630-20-6	1,1,1,2-Tetrachloroethane	48	
100-41-4	Ethylbenzene	46	
----------	m,p-Xylene	94	
95-47-6	o-Xylene	46	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	48	
75-25-2	Bromoform	49	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	45	
108-86-1	Bromobenzene	46	
96-18-4	1,2,3-Trichloropropane	46	
103-65-1	n-Propylbenzene	46	
95-49-8	2-Chlorotoluene	46	
108-67-8	1,3,5-Trimethylbenzene	47	
106-43-4	4-Chlorotoluene	47	
98-06-6	tert-Butylbenzene	46	
95-63-6	1,2,4-Trimethylbenzene	47	
135-98-8	sec-Butylbenzene	47	
99-87-6	4-Isopropyltoluene	47	
541-73-1	1,3-Dichlorobenzene	46	
106-46-7	1,4-Dichlorobenzene	46	
104-51-8	n-Butylbenzene	48	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	47	
120-82-1	1,2,4-Trichlorobenzene	49	
87-68-3	Hexachlorobutadiene	49	
91-20-3	Naphthalene	49	
87-61-6	1,2,3-Trichlorobenzene	50	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1DLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: LCSD-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3815

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	47	
74-87-3	Chloromethane	44	
75-01-4	Vinyl Chloride	50	
74-83-9	Bromomethane	46	
75-00-3	Chloroethane	47	
75-69-4	Trichlorofluoromethane	46	
75-35-4	1,1-Dichloroethene	46	
67-64-1	Acetone	36	B
74-88-4	Iodomethane	48	
75-15-0	Carbon Disulfide	45	
75-09-2	Methylene Chloride	46	
156-60-5	trans-1,2-Dichloroethene	46	
1634-04-4	Methyl tert-butyl ether	48	
75-34-3	1,1-Dichloroethane	48	
108-05-4	Vinyl acetate	49	
78-93-3	2-Butanone	40	
156-59-2	cis-1,2-Dichloroethene	47	
590-20-7	2,2-Dichloropropane	46	
74-97-5	Bromochloromethane	47	
67-66-3	Chloroform	47	
71-55-6	1,1,1-Trichloroethane	47	
563-58-6	1,1-Dichloropropene	48	
56-23-5	Carbon Tetrachloride	47	
107-06-2	1,2-Dichloroethane	47	
71-43-2	Benzene	47	
79-01-6	Trichloroethene	48	
78-87-5	1,2-Dichloropropane	47	
74-95-3	Dibromomethane	47	
75-27-4	Bromodichloromethane	48	
10061-01-5	cis-1,3-Dichloropropene	49	
108-10-1	4-Methyl-2-pentanone	47	
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	48	
79-00-5	1,1,2-Trichloroethane	48	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1DLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: LCSD-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3815

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	49	
127-18-4	Tetrachloroethene	47	
591-78-6	2-Hexanone	45	
124-48-1	Dibromochloromethane	48	
106-93-4	1,2-Dibromoethane	47	
108-90-7	Chlorobenzene	48	
630-20-6	1,1,1,2-Tetrachloroethane	48	
100-41-4	Ethylbenzene	48	
----------	m,p-Xylene	97	
95-47-6	o-Xylene	48	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	49	
75-25-2	Bromoform	50	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	48	
108-86-1	Bromobenzene	48	
96-18-4	1,2,3-Trichloropropane	48	
103-65-1	n-Propylbenzene	49	
95-49-8	2-Chlorotoluene	48	
108-67-8	1,3,5-Trimethylbenzene	49	
106-43-4	4-Chlorotoluene	47	
98-06-6	tert-Butylbenzene	49	
95-63-6	1,2,4-Trimethylbenzene	49	
135-98-8	sec-Butylbenzene	50	
99-87-6	4-Isopropyltoluene	50	
541-73-1	1,3-Dichlorobenzene	48	
106-46-7	1,4-Dichlorobenzene	48	
104-51-8	n-Butylbenzene	51	
95-50-1	1,2-Dichlorobenzene	49	
96-12-8	1,2-Dibromo-3-chloropropane	50	
120-82-1	1,2,4-Trichlorobenzene	52	
87-68-3	Hexachlorobutadiene	51	
91-20-3	Naphthalene	54	
87-61-6	1,2,3-Trichlorobenzene	52	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1ELCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: LCS-34673

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3844

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	41	
74-87-3	Chloromethane	39	
75-01-4	Vinyl Chloride	42	
74-83-9	Bromomethane	43	
75-00-3	Chloroethane	42	
75-69-4	Trichlorofluoromethane	44	
75-35-4	1,1-Dichloroethene	43	
67-64-1	Acetone	36	B
74-88-4	Iodomethane	40	
75-15-0	Carbon Disulfide	42	
75-09-2	Methylene Chloride	46	B
156-60-5	trans-1,2-Dichloroethene	41	
1634-04-4	Methyl tert-butyl ether	43	
75-34-3	1,1-Dichloroethane	42	
108-05-4	Vinyl acetate	43	
78-93-3	2-Butanone	37	
156-59-2	cis-1,2-Dichloroethene	41	
590-20-7	2,2-Dichloropropane	42	
74-97-5	Bromochloromethane	42	
67-66-3	Chloroform	42	
71-55-6	1,1,1-Trichloroethane	41	
563-58-6	1,1-Dichloropropene	41	
56-23-5	Carbon Tetrachloride	42	
107-06-2	1,2-Dichloroethane	41	
71-43-2	Benzene	42	
79-01-6	Trichloroethene	42	
78-87-5	1,2-Dichloropropane	43	
74-95-3	Dibromomethane	42	
75-27-4	Bromodichloromethane	41	
10061-01-5	cis-1,3-Dichloropropene	43	
108-10-1	4-Methyl-2-pentanone	40	
108-88-3	Toluene	41	
10061-02-6	trans-1,3-Dichloropropene	42	
79-00-5	1,1,2-Trichloroethane	42	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1ELCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: LCS-34673

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3844

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	42	
127-18-4	Tetrachloroethene	40	
591-78-6	2-Hexanone	38	
124-48-1	Dibromochloromethane	40	
106-93-4	1,2-Dibromoethane	40	
108-90-7	Chlorobenzene	41	
630-20-6	1,1,1,2-Tetrachloroethane	41	
100-41-4	Ethylbenzene	41	
----------	m,p-Xylene	82	
95-47-6	o-Xylene	41	
1330-20-7	Xylene (Total)	120	
100-42-5	Styrene	42	
75-25-2	Bromoform	43	
98-82-8	Isopropylbenzene	42	
79-34-5	1,1,2,2-Tetrachloroethane	40	
108-86-1	Bromobenzene	40	
96-18-4	1,2,3-Trichloropropane	42	
103-65-1	n-Propylbenzene	40	
95-49-8	2-Chlorotoluene	40	
108-67-8	1,3,5-Trimethylbenzene	41	
106-43-4	4-Chlorotoluene	40	
98-06-6	tert-Butylbenzene	40	
95-63-6	1,2,4-Trimethylbenzene	41	
135-98-8	sec-Butylbenzene	41	
99-87-6	4-Isopropyltoluene	41	
541-73-1	1,3-Dichlorobenzene	41	
106-46-7	1,4-Dichlorobenzene	41	
104-51-8	n-Butylbenzene	42	
95-50-1	1,2-Dichlorobenzene	40	
96-12-8	1,2-Dibromo-3-chloropropane	40	
120-82-1	1,2,4-Trichlorobenzene	42	
87-68-3	Hexachlorobutadiene	41	
91-20-3	Naphthalene	41	
87-61-6	1,2,3-Trichlorobenzene	42	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6ILCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCS-34640

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6183

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	33	
74-87-3	Chloromethane	50	
75-01-4	Vinyl Chloride	48	
74-83-9	Bromomethane	55	
75-00-3	Chloroethane	49	
75-69-4	Trichlorofluoromethane	47	
75-35-4	1,1-Dichloroethene	50	
67-64-1	Acetone	51	
74-88-4	Iodomethane	56	
75-15-0	Carbon Disulfide	53	
75-09-2	Methylene Chloride	58	
156-60-5	trans-1,2-Dichloroethene	52	
1634-04-4	Methyl tert-butyl ether	62	
75-34-3	1,1-Dichloroethane	56	
108-05-4	Vinyl acetate	59	
78-93-3	2-Butanone	55	
156-59-2	cis-1,2-Dichloroethene	54	
590-20-7	2,2-Dichloropropane	52	
74-97-5	Bromochloromethane	56	
67-66-3	Chloroform	58	
71-55-6	1,1,1-Trichloroethane	51	
563-58-6	1,1-Dichloropropene	46	
56-23-5	Carbon Tetrachloride	48	
107-06-2	1,2-Dichloroethane	63	
71-43-2	Benzene	54	
79-01-6	Trichloroethene	50	
78-87-5	1,2-Dichloropropane	57	
74-95-3	Dibromomethane	59	
75-27-4	Bromodichloromethane	60	
10061-01-5	cis-1,3-Dichloropropene	57	
108-10-1	4-Methyl-2-pentanone	53	
108-88-3	Toluene	54	
10061-02-6	trans-1,3-Dichloropropene	60	
79-00-5	1,1,2-Trichloroethane	56	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6ILCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCS-34640

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6183

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	51	
127-18-4	Tetrachloroethene	43	
591-78-6	2-Hexanone	39	
124-48-1	Dibromochloromethane	52	
106-93-4	1,2-Dibromoethane	49	
108-90-7	Chlorobenzene	48	
630-20-6	1,1,1,2-Tetrachloroethane	49	
100-41-4	Ethylbenzene	44	
----------	m,p-Xylene	92	
95-47-6	o-Xylene	47	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	48	
75-25-2	Bromoform	57	
98-82-8	Isopropylbenzene	45	
79-34-5	1,1,2,2-Tetrachloroethane	49	
108-86-1	Bromobenzene	47	
96-18-4	1,2,3-Trichloropropane	51	
103-65-1	n-Propylbenzene	42	
95-49-8	2-Chlorotoluene	44	
108-67-8	1,3,5-Trimethylbenzene	45	
106-43-4	4-Chlorotoluene	46	
98-06-6	tert-Butylbenzene	43	
95-63-6	1,2,4-Trimethylbenzene	45	
135-98-8	sec-Butylbenzene	41	
99-87-6	4-Isopropyltoluene	42	
541-73-1	1,3-Dichlorobenzene	45	
106-46-7	1,4-Dichlorobenzene	45	
104-51-8	n-Butylbenzene	42	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	50	
120-82-1	1,2,4-Trichlorobenzene	44	
87-68-3	Hexachlorobutadiene	41	
91-20-3	Naphthalene	38	
87-61-6	1,2,3-Trichlorobenzene	45	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6JLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCS-34730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6203

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	48	
74-87-3	Chloromethane	43	
75-01-4	Vinyl Chloride	46	
74-83-9	Bromomethane	47	
75-00-3	Chloroethane	42	
75-69-4	Trichlorofluoromethane	58	
75-35-4	1,1-Dichloroethene	47	
67-64-1	Acetone	57	
74-88-4	Iodomethane	45	
75-15-0	Carbon Disulfide	47	
75-09-2	Methylene Chloride	45	
156-60-5	trans-1,2-Dichloroethene	42	
1634-04-4	Methyl tert-butyl ether	46	
75-34-3	1,1-Dichloroethane	45	
108-05-4	Vinyl acetate	45	
78-93-3	2-Butanone	46	
156-59-2	cis-1,2-Dichloroethene	42	
590-20-7	2,2-Dichloropropane	46	
74-97-5	Bromochloromethane	42	
67-66-3	Chloroform	46	
71-55-6	1,1,1-Trichloroethane	45	
563-58-6	1,1-Dichloropropene	41	
56-23-5	Carbon Tetrachloride	45	
107-06-2	1,2-Dichloroethane	49	
71-43-2	Benzene	44	
79-01-6	Trichloroethene	41	
78-87-5	1,2-Dichloropropane	44	
74-95-3	Dibromomethane	44	
75-27-4	Bromodichloromethane	46	
10061-01-5	cis-1,3-Dichloropropene	44	
108-10-1	4-Methyl-2-pentanone	38	
108-88-3	Toluene	43	
10061-02-6	trans-1,3-Dichloropropene	45	
79-00-5	1,1,2-Trichloroethane	43	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6JLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCS-34730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6203

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	47	
127-18-4	Tetrachloroethene	47	B
591-78-6	2-Hexanone	40	
124-48-1	Dibromochloromethane	48	
106-93-4	1,2-Dibromoethane	44	
108-90-7	Chlorobenzene	46	
630-20-6	1,1,1,2-Tetrachloroethane	47	
100-41-4	Ethylbenzene	44	
----------	m,p-Xylene	92	
95-47-6	o-Xylene	45	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	46	
75-25-2	Bromoform	52	
98-82-8	Isopropylbenzene	46	
79-34-5	1,1,2,2-Tetrachloroethane	47	
108-86-1	Bromobenzene	46	
96-18-4	1,2,3-Trichloropropane	50	
103-65-1	n-Propylbenzene	45	
95-49-8	2-Chlorotoluene	45	
108-67-8	1,3,5-Trimethylbenzene	48	
106-43-4	4-Chlorotoluene	46	
98-06-6	tert-Butylbenzene	48	
95-63-6	1,2,4-Trimethylbenzene	47	
135-98-8	sec-Butylbenzene	47	
99-87-6	4-Isopropyltoluene	47	
541-73-1	1,3-Dichlorobenzene	46	
106-46-7	1,4-Dichlorobenzene	47	
104-51-8	n-Butylbenzene	48	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	47	
120-82-1	1,2,4-Trichlorobenzene	45	
87-68-3	Hexachlorobutadiene	50	
91-20-3	Naphthalene	34	
87-61-6	1,2,3-Trichlorobenzene	44	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6JLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCSD-34730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6204

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	20	
74-87-3	Chloromethane	37	
75-01-4	Vinyl Chloride	37	
74-83-9	Bromomethane	41	
75-00-3	Chloroethane	37	
75-69-4	Trichlorofluoromethane	30	
75-35-4	1,1-Dichloroethene	38	
67-64-1	Acetone	42	
74-88-4	Iodomethane	43	
75-15-0	Carbon Disulfide	40	
75-09-2	Methylene Chloride	45	
156-60-5	trans-1,2-Dichloroethene	40	
1634-04-4	Methyl tert-butyl ether	51	
75-34-3	1,1-Dichloroethane	43	
108-05-4	Vinyl acetate	48	
78-93-3	2-Butanone	46	
156-59-2	cis-1,2-Dichloroethene	41	
590-20-7	2,2-Dichloropropane	40	
74-97-5	Bromochloromethane	43	
67-66-3	Chloroform	44	
71-55-6	1,1,1-Trichloroethane	38	
563-58-6	1,1-Dichloropropene	34	
56-23-5	Carbon Tetrachloride	35	
107-06-2	1,2-Dichloroethane	50	
71-43-2	Benzene	42	
79-01-6	Trichloroethene	38	
78-87-5	1,2-Dichloropropane	44	
74-95-3	Dibromomethane	47	
75-27-4	Bromodichloromethane	46	
10061-01-5	cis-1,3-Dichloropropene	43	
108-10-1	4-Methyl-2-pentanone	47	
108-88-3	Toluene	40	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	45	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6JLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCSD-34730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6204

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	49	
127-18-4	Tetrachloroethene	40	B
591-78-6	2-Hexanone	42	
124-48-1	Dibromochloromethane	49	
106-93-4	1,2-Dibromoethane	47	
108-90-7	Chlorobenzene	44	
630-20-6	1,1,1,2-Tetrachloroethane	46	
100-41-4	Ethylbenzene	40	
----------	m,p-Xylene	84	
95-47-6	o-Xylene	43	
1330-20-7	Xylene (Total)	130	
100-42-5	Styrene	44	
75-25-2	Bromoform	52	
98-82-8	Isopropylbenzene	40	
79-34-5	1,1,2,2-Tetrachloroethane	51	
108-86-1	Bromobenzene	44	
96-18-4	1,2,3-Trichloropropane	52	
103-65-1	n-Propylbenzene	39	
95-49-8	2-Chlorotoluene	41	
108-67-8	1,3,5-Trimethylbenzene	42	
106-43-4	4-Chlorotoluene	43	
98-06-6	tert-Butylbenzene	41	
95-63-6	1,2,4-Trimethylbenzene	43	
135-98-8	sec-Butylbenzene	38	
99-87-6	4-Isopropyltoluene	39	
541-73-1	1,3-Dichlorobenzene	42	
106-46-7	1,4-Dichlorobenzene	44	
104-51-8	n-Butylbenzene	38	
95-50-1	1,2-Dichlorobenzene	46	
96-12-8	1,2-Dibromo-3-chloropropane	54	
120-82-1	1,2,4-Trichlorobenzene	43	
87-68-3	Hexachlorobutadiene	37	
91-20-3	Naphthalene	41	
87-61-6	1,2,3-Trichlorobenzene	46	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6KLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCS-34767

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6224

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	52	
74-87-3	Chloromethane	44	
75-01-4	Vinyl Chloride	48	
74-83-9	Bromomethane	46	
75-00-3	Chloroethane	44	
75-69-4	Trichlorofluoromethane	63	
75-35-4	1,1-Dichloroethene	49	
67-64-1	Acetone	56	
74-88-4	Iodomethane	47	
75-15-0	Carbon Disulfide	49	
75-09-2	Methylene Chloride	48	
156-60-5	trans-1,2-Dichloroethene	45	
1634-04-4	Methyl tert-butyl ether	51	
75-34-3	1,1-Dichloroethane	49	
108-05-4	Vinyl acetate	50	
78-93-3	2-Butanone	52	
156-59-2	cis-1,2-Dichloroethene	45	
590-20-7	2,2-Dichloropropane	50	
74-97-5	Bromochloromethane	46	
67-66-3	Chloroform	50	
71-55-6	1,1,1-Trichloroethane	49	
563-58-6	1,1-Dichloropropene	43	
56-23-5	Carbon Tetrachloride	50	
107-06-2	1,2-Dichloroethane	54	
71-43-2	Benzene	46	
79-01-6	Trichloroethene	43	
78-87-5	1,2-Dichloropropane	49	
74-95-3	Dibromomethane	49	
75-27-4	Bromodichloromethane	52	
10061-01-5	cis-1,3-Dichloropropene	47	
108-10-1	4-Methyl-2-pentanone	46	
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	50	
79-00-5	1,1,2-Trichloroethane	47	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6KLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCS-34767

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6224

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	53	
127-18-4	Tetrachloroethene	52	B
591-78-6	2-Hexanone	47	
124-48-1	Dibromochloromethane	55	
106-93-4	1,2-Dibromoethane	49	
108-90-7	Chlorobenzene	49	
630-20-6	1,1,1,2-Tetrachloroethane	51	
100-41-4	Ethylbenzene	47	
----------	m,p-Xylene	97	
95-47-6	o-Xylene	48	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	49	
75-25-2	Bromoform	61	
98-82-8	Isopropylbenzene	49	
79-34-5	1,1,2,2-Tetrachloroethane	54	
108-86-1	Bromobenzene	50	
96-18-4	1,2,3-Trichloropropane	58	
103-65-1	n-Propylbenzene	48	
95-49-8	2-Chlorotoluene	48	
108-67-8	1,3,5-Trimethylbenzene	50	
106-43-4	4-Chlorotoluene	50	
98-06-6	tert-Butylbenzene	50	
95-63-6	1,2,4-Trimethylbenzene	50	
135-98-8	sec-Butylbenzene	50	
99-87-6	4-Isopropyltoluene	49	
541-73-1	1,3-Dichlorobenzene	48	
106-46-7	1,4-Dichlorobenzene	49	
104-51-8	n-Butylbenzene	50	
95-50-1	1,2-Dichlorobenzene	51	
96-12-8	1,2-Dibromo-3-chloropropane	59	
120-82-1	1,2,4-Trichlorobenzene	48	
87-68-3	Hexachlorobutadiene	55	
91-20-3	Naphthalene	39	
87-61-6	1,2,3-Trichlorobenzene	49	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6MLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCS-34798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6265

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	
74-87-3	Chloromethane	44	
75-01-4	Vinyl Chloride	46	
74-83-9	Bromomethane	47	
75-00-3	Chloroethane	43	
75-69-4	Trichlorofluoromethane	63	
75-35-4	1,1-Dichloroethene	48	
67-64-1	Acetone	54	
74-88-4	Iodomethane	45	
75-15-0	Carbon Disulfide	49	
75-09-2	Methylene Chloride	46	
156-60-5	trans-1,2-Dichloroethene	42	
1634-04-4	Methyl tert-butyl ether	46	
75-34-3	1,1-Dichloroethane	47	
108-05-4	Vinyl acetate	48	
78-93-3	2-Butanone	45	
156-59-2	cis-1,2-Dichloroethene	42	
590-20-7	2,2-Dichloropropane	48	
74-97-5	Bromochloromethane	41	
67-66-3	Chloroform	48	
71-55-6	1,1,1-Trichloroethane	46	
563-58-6	1,1-Dichloropropene	40	
56-23-5	Carbon Tetrachloride	46	
107-06-2	1,2-Dichloroethane	53	
71-43-2	Benzene	44	
79-01-6	Trichloroethene	39	
78-87-5	1,2-Dichloropropane	46	
74-95-3	Dibromomethane	46	
75-27-4	Bromodichloromethane	48	
10061-01-5	cis-1,3-Dichloropropene	43	
108-10-1	4-Methyl-2-pentanone	41	
108-88-3	Toluene	43	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	44	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V6MLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: LCS-34798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6265

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	50	
127-18-4	Tetrachloroethene	48	B
591-78-6	2-Hexanone	40	
124-48-1	Dibromochloromethane	49	
106-93-4	1,2-Dibromoethane	45	
108-90-7	Chlorobenzene	46	
630-20-6	1,1,1,2-Tetrachloroethane	47	
100-41-4	Ethylbenzene	44	
----------	m,p-Xylene	92	
95-47-6	o-Xylene	46	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	46	
75-25-2	Bromoform	55	
98-82-8	Isopropylbenzene	46	
79-34-5	1,1,2,2-Tetrachloroethane	48	
108-86-1	Bromobenzene	46	
96-18-4	1,2,3-Trichloropropane	51	
103-65-1	n-Propylbenzene	44	
95-49-8	2-Chlorotoluene	44	
108-67-8	1,3,5-Trimethylbenzene	47	
106-43-4	4-Chlorotoluene	46	
98-06-6	tert-Butylbenzene	46	
95-63-6	1,2,4-Trimethylbenzene	46	
135-98-8	sec-Butylbenzene	47	
99-87-6	4-Isopropyltoluene	46	
541-73-1	1,3-Dichlorobenzene	45	
106-46-7	1,4-Dichlorobenzene	46	
104-51-8	n-Butylbenzene	48	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	49	
120-82-1	1,2,4-Trichlorobenzene	44	
87-68-3	Hexachlorobutadiene	54	
91-20-3	Naphthalene	33	
87-61-6	1,2,3-Trichlorobenzene	45	

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

	EPA SAMPLE NO.	SMC1 #	SMC2 (DCE)#	SMC3 (TOL)#	OTHER (BFB)#	TOT OUT
01	VBLK6I	110	104	93	99	0
02	V6ILCS	110	106	94	105	0
03	GP7-GW1	112	105	94	102	0
04	GW204S-01	112	106	94	100	0
05	GP5-GW1	114	104	94	99	0
06	GW2	114	107	95	100	0
07	GP1-GW1	112	104	94	101	0
08	GW1	113	106	93	100	0
09	VBLK6J	106	102	105	95	0
10	V6JLCS	103	105	104	100	0
11	V6JLCSD	103	109	104	100	0
12	TRIPBLANK	106	103	105	95	0
13	GW2DL	105	105	105	95	0
14	GP1-GW1DL	105	103	106	94	0
15	GW1DL	106	103	105	93	0
16	GW205S-01	108	103	106	95	0
17	GP2-GW1	105	100	104	100	0
18	GP2-GW10	102	100	107	98	0
19	VBLK6K	108	104	104	93	0
20	V6KLCS	106	109	104	100	0
21	GP6-GW1	107	104	104	97	0
22	GP10-GW1	109	106	106	96	0
23	GP12-GW1	109	105	107	95	0
24	GP11-GW1	109	106	105	94	0
25	GP2-GW1DL	110	103	106	94	0
26	GP3-GW1	109	104	107	96	0
27	GP9-GW1	110	104	108	93	0
28	VBLK6M	109	103	108	94	0
29	V6MLCS	105	107	106	103	0
30	GP2-GW10DL	108	103	108	96	0

		QC LIMITS
SMC1	= Dibromofluoromethane	(85-115)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(70-120)
SMC3 (TOL)	= Toluene-d8	(85-120)
OTHER(BFB)	= Bromofluorobenzene	(75-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

	EPA SAMPLE NO.	SMC1 #	SMC2 (DCE)#	SMC3 (TOL)#	OTHER (BFB)#	TOT OUT
01	GP4-GW1	109	106	106	96	0
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
SMC1	= Dibromofluoromethane	(85-115)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(70-120)
SMC3 (TOL)	= Toluene-d8	(85-120)
OTHER(BFB)	= Bromofluorobenzene	(75-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 #	SMC2 (DCE) #	SMC3 (TOL) #	OTHER (BFB) #	TOT OUT
01	VBLK1D	100	96	99	98	0
02	V1DLCS	100	99	99	98	0
03	V1DLCSD	99	94	101	100	0
04	GP8-SS1	102	106	100	96	0
05	GP11-SS1	102	104	101	90	0
06	GP100-SS1	106	105	108	81	0
07	GP12-SS1	129	129*	99	84	1
08	GP6-SS1	103	114	100	91	0
09	GP1-SS01	110	114	105	86	0
10	GP2-SS1	108	108	97	93	0
11	VBLK1E	98	98	99	94	0
12	V1ELCS	101	100	100	100	0
13	GP110-SS1	114	127	93	99	0
14	GP4-SS1	104	102	103	95	0
15	GP100-SS1RE	109	111	104	89	0
16	GP12-SS1RE	110	110	102	92	0
17	GP10-SS1	110	114	102	92	0
18	GP5-SS1	107	110	103	92	0
19	GP6-SS1RE	102	93	101	91	0
20	GP3-SS01	104	107	101	95	0
21	GP1-SS01DL	106	108	101	89	0
22	GP2-SS1DL	103	104	98	95	0
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
SMC1	= Dibromofluoromethane	(65-132)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(65-128)
SMC3 (TOL)	= Toluene-d8	(85-115)
OTHER(BFB)	= Bromofluorobenzene	(77-111)

Column to be used to flag recovery values

* Values outside of contract required QC limits

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6ILCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50		33	66	30-155
Chloromethane	50		50	100	40-125
Vinyl Chloride	50		48	96	50-145
Bromomethane	50		55	110	30-145
Chloroethane	50		49	98	60-135
Trichlorofluoromethane	50		47	94	60-145
1,1-Dichloroethene	50		50	100	70-130
Acetone	50		51	102	40-140
Iodomethane	50		56	112	72-121
Carbon Disulfide	50		53	106	35-160
Methylene Chloride	50		58	116	55-140
trans-1,2-Dichloroethen	50		52	104	60-140
Methyl tert-butyl ether	50		62	124	65-125
1,1-Dichloroethane	50		56	112	70-135
Vinyl acetate	50		59	118	38-163
2-Butanone	50		55	110	30-150
cis-1,2-Dichloroethene	50		54	108	70-125
2,2-Dichloropropane	50		52	104	70-135
Bromochloromethane	50		56	112	65-130
Chloroform	50		58	116	65-135
1,1,1-Trichloroethane	50		51	102	65-130
1,1-Dichloropropene	50		46	92	75-130
Carbon Tetrachloride	50		48	96	65-140
1,2-Dichloroethane	50		63	126	70-130
Benzene	50		54	108	80-120
Trichloroethene	50		50	100	70-125
1,2-Dichloropropane	50		57	114	75-125
Dibromomethane	50		59	118	75-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6ILCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50		60	120	75-120
cis-1,3-Dichloropropene	50		57	114	70-130
4-Methyl-2-pentanone	50		53	106	60-135
Toluene	50		54	108	75-120
trans-1,3-Dichloroprope	50		60	120	55-140
1,1,2-Trichloroethane	50		56	112	75-125
1,3-Dichloropropane	50		51	102	75-125
Tetrachloroethene	50		43	86	45-150
2-Hexanone	50		39	78	55-130
Dibromochloromethane	50		52	104	60-135
1,2-Dibromoethane	50		49	98	80-120
Chlorobenzene	50		48	96	80-120
1,1,1,2-Tetrachloroetha	50		49	98	80-130
Ethylbenzene	50		44	88	75-125
m,p-Xylene	100		92	92	75-130
o-Xylene	50		47	94	80-120
Xylene (Total)	150		140	93	81-121
Styrene	50		48	96	65-135
Bromoform	50		57	114	70-130
Isopropylbenzene	50		45	90	75-125
1,1,2,2-Tetrachloroetha	50		49	98	65-130
Bromobenzene	50		47	94	75-125
1,2,3-Trichloropropane	50		51	102	75-125
n-Propylbenzene	50		42	84	70-130
2-Chlorotoluene	50		44	88	75-125
1,3,5-Trimethylbenzene	50		45	90	75-130
4-Chlorotoluene	50		46	92	75-130
tert-Butylbenzene	50		43	86	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6ILCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,2,4-Trimethylbenzene	50		45	90	75-130
sec-Butylbenzene	50		41	82	70-125
4-Isopropyltoluene	50		42	84	75-130
1,3-Dichlorobenzene	50		45	90	75-125
1,4-Dichlorobenzene	50		45	90	75-125
n-Butylbenzene	50		42	84	70-135
1,2-Dichlorobenzene	50		47	94	70-120
1,2-Dibromo-3-chloropro	50		50	100	50-130
1,2,4-Trichlorobenzene	50		44	88	65-135
Hexachlorobutadiene	50		41	82	50-140
Naphthalene	50		38	76	55-140
1,2,3-Trichlorobenzene	50		45	90	55-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50		48	96	30-155
Chloromethane	50		43	86	40-125
Vinyl Chloride	50		46	92	50-145
Bromomethane	50		47	94	30-145
Chloroethane	50		42	84	60-135
Trichlorofluoromethane	50		58	116	60-145
1,1-Dichloroethene	50		47	94	70-130
Acetone	50		57	114	40-140
Iodomethane	50		45	90	72-121
Carbon Disulfide	50		47	94	35-160
Methylene Chloride	50		45	90	55-140
trans-1,2-Dichloroethen	50		42	84	60-140
Methyl tert-butyl ether	50		46	92	65-125
1,1-Dichloroethane	50		45	90	70-135
Vinyl acetate	50		45	90	38-163
2-Butanone	50		46	92	30-150
cis-1,2-Dichloroethene	50		42	84	70-125
2,2-Dichloropropane	50		46	92	70-135
Bromochloromethane	50		42	84	65-130
Chloroform	50		46	92	65-135
1,1,1-Trichloroethane	50		45	90	65-130
1,1-Dichloropropene	50		41	82	75-130
Carbon Tetrachloride	50		45	90	65-140
1,2-Dichloroethane	50		49	98	70-130
Benzene	50		44	88	80-120
Trichloroethene	50		41	82	70-125
1,2-Dichloropropane	50		44	88	75-125
Dibromomethane	50		44	88	75-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50		46	92	75-120
cis-1,3-Dichloropropene	50		44	88	70-130
4-Methyl-2-pentanone	50		38	76	60-135
Toluene	50		43	86	75-120
trans-1,3-Dichloroprope	50		45	90	55-140
1,1,2-Trichloroethane	50		43	86	75-125
1,3-Dichloropropane	50		47	94	75-125
Tetrachloroethene	50		47	94	45-150
2-Hexanone	50		40	80	55-130
Dibromochloromethane	50		48	96	60-135
1,2-Dibromoethane	50		44	88	80-120
Chlorobenzene	50		46	92	80-120
1,1,1,2-Tetrachloroetha	50		47	94	80-130
Ethylbenzene	50		44	88	75-125
m,p-Xylene	100		92	92	75-130
o-Xylene	50		45	90	80-120
Xylene (Total)	150		140	93	81-121
Styrene	50		46	92	65-135
Bromoform	50		52	104	70-130
Isopropylbenzene	50		46	92	75-125
1,1,2,2-Tetrachloroetha	50		47	94	65-130
Bromobenzene	50		46	92	75-125
1,2,3-Trichloropropane	50		50	100	75-125
n-Propylbenzene	50		45	90	70-130
2-Chlorotoluene	50		45	90	75-125
1,3,5-Trimethylbenzene	50		48	96	75-130
4-Chlorotoluene	50		46	92	75-130
tert-Butylbenzene	50		48	96	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,2,4-Trimethylbenzene	50		47	94	75-130
sec-Butylbenzene	50		47	94	70-125
4-Isopropyltoluene	50		47	94	75-130
1,3-Dichlorobenzene	50		46	92	75-125
1,4-Dichlorobenzene	50		47	94	75-125
n-Butylbenzene	50		48	96	70-135
1,2-Dichlorobenzene	50		47	94	70-120
1,2-Dibromo-3-chloropro	50		47	94	50-130
1,2,4-Trichlorobenzene	50		45	90	65-135
Hexachlorobutadiene	50		50	100	50-140
Naphthalene	50		34	68	55-140
1,2,3-Trichlorobenzene	50		44	88	55-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	50	20	40	82*	40	30-155
Chloromethane	50	37	74	15	40	40-125
Vinyl Chloride	50	37	74	22	40	50-145
Bromomethane	50	41	82	14	40	30-145
Chloroethane	50	37	74	13	40	60-135
Trichlorofluoromethane	50	30	60	64*	40	60-145
1,1-Dichloroethene	50	38	76	21	40	70-130
Acetone	50	42	84	30	40	40-140
Iodomethane	50	43	86	4	40	72-121
Carbon Disulfide	50	40	80	16	40	35-160
Methylene Chloride	50	45	90	0	40	55-140
trans-1,2-Dichloroethen	50	40	80	5	40	60-140
Methyl tert-butyl ether	50	51	102	10	40	65-125
1,1-Dichloroethane	50	43	86	4	40	70-135
Vinyl acetate	50	48	96	6	40	38-163
2-Butanone	50	46	92	0	40	30-150
cis-1,2-Dichloroethene	50	41	82	2	40	70-125
2,2-Dichloropropane	50	40	80	14	40	70-135
Bromochloromethane	50	43	86	2	40	65-130
Chloroform	50	44	88	4	40	65-135
1,1,1-Trichloroethane	50	38	76	17	40	65-130
1,1-Dichloropropene	50	34	68*	19	40	75-130
Carbon Tetrachloride	50	35	70	25	40	65-140
1,2-Dichloroethane	50	50	100	2	40	70-130
Benzene	50	42	84	5	40	80-120
Trichloroethene	50	38	76	8	40	70-125
1,2-Dichloropropane	50	44	88	0	40	75-125
Dibromomethane	50	47	94	6	40	75-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromodichloromethane	50	46	92	0	40	75-120
cis-1,3-Dichloropropene	50	43	86	2	40	70-130
4-Methyl-2-pentanone	50	47	94	21	40	60-135
Toluene	50	40	80	7	40	75-120
trans-1,3-Dichloroprope	50	46	92	2	40	55-140
1,1,2-Trichloroethane	50	45	90	4	40	75-125
1,3-Dichloropropane	50	49	98	4	40	75-125
Tetrachloroethene	50	40	80	16	40	45-150
2-Hexanone	50	42	84	5	40	55-130
Dibromochloromethane	50	49	98	2	40	60-135
1,2-Dibromoethane	50	47	94	6	40	80-120
Chlorobenzene	50	44	88	4	40	80-120
1,1,1,2-Tetrachloroetha	50	46	92	2	40	80-130
Ethylbenzene	50	40	80	10	40	75-125
m,p-Xylene	100	84	84	9	40	75-130
o-Xylene	50	43	86	4	40	80-120
Xylene (Total)	150	130	87	7	40	81-121
Styrene	50	44	88	4	40	65-135
Bromoform	50	52	104	0	40	70-130
Isopropylbenzene	50	40	80	14	40	75-125
1,1,2,2-Tetrachloroetha	50	51	102	8	40	65-130
Bromobenzene	50	44	88	4	40	75-125
1,2,3-Trichloropropane	50	52	104	4	40	75-125
n-Propylbenzene	50	39	78	14	40	70-130
2-Chlorotoluene	50	41	82	9	40	75-125
1,3,5-Trimethylbenzene	50	42	84	13	40	75-130
4-Chlorotoluene	50	43	86	7	40	75-130
tert-Butylbenzene	50	41	82	16	40	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trimethylbenzene	50	43	86	9	40	75-130
sec-Butylbenzene	50	38	76	21	40	70-125
4-Isopropyltoluene	50	39	78	19	40	75-130
1,3-Dichlorobenzene	50	42	84	9	40	75-125
1,4-Dichlorobenzene	50	44	88	6	40	75-125
n-Butylbenzene	50	38	76	23	40	70-135
1,2-Dichlorobenzene	50	46	92	2	40	70-120
1,2-Dibromo-3-chloropro	50	54	108	14	40	50-130
1,2,4-Trichlorobenzene	50	43	86	4	40	65-135
Hexachlorobutadiene	50	37	74	30	40	50-140
Naphthalene	50	41	82	19	40	55-140
1,2,3-Trichlorobenzene	50	46	92	4	40	55-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 2 out of 68 outside limits
Spike Recovery: 1 out of 136 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6KLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50		52	104	30-155
Chloromethane	50		44	88	40-125
Vinyl Chloride	50		48	96	50-145
Bromomethane	50		46	92	30-145
Chloroethane	50		44	88	60-135
Trichlorofluoromethane	50		63	126	60-145
1,1-Dichloroethene	50		49	98	70-130
Acetone	50		56	112	40-140
Iodomethane	50		47	94	72-121
Carbon Disulfide	50		49	98	35-160
Methylene Chloride	50		48	96	55-140
trans-1,2-Dichloroethen	50		45	90	60-140
Methyl tert-butyl ether	50		51	102	65-125
1,1-Dichloroethane	50		49	98	70-135
Vinyl acetate	50		50	100	38-163
2-Butanone	50		52	104	30-150
cis-1,2-Dichloroethene	50		45	90	70-125
2,2-Dichloropropane	50		50	100	70-135
Bromochloromethane	50		46	92	65-130
Chloroform	50		50	100	65-135
1,1,1-Trichloroethane	50		49	98	65-130
1,1-Dichloropropene	50		43	86	75-130
Carbon Tetrachloride	50		50	100	65-140
1,2-Dichloroethane	50		54	108	70-130
Benzene	50		46	92	80-120
Trichloroethene	50		43	86	70-125
1,2-Dichloropropane	50		49	98	75-125
Dibromomethane	50		49	98	75-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6KLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50		52	104	75-120
cis-1,3-Dichloropropene	50		47	94	70-130
4-Methyl-2-pentanone	50		46	92	60-135
Toluene	50		46	92	75-120
trans-1,3-Dichloroprope	50		50	100	55-140
1,1,2-Trichloroethane	50		47	94	75-125
1,3-Dichloropropane	50		53	106	75-125
Tetrachloroethene	50		52	104	45-150
2-Hexanone	50		47	94	55-130
Dibromochloromethane	50		55	110	60-135
1,2-Dibromoethane	50		49	98	80-120
Chlorobenzene	50		49	98	80-120
1,1,1,2-Tetrachloroetha	50		51	102	80-130
Ethylbenzene	50		47	94	75-125
m,p-Xylene	100		97	97	75-130
o-Xylene	50		48	96	80-120
Xylene (Total)	150		140	93	81-121
Styrene	50		49	98	65-135
Bromoform	50		61	122	70-130
Isopropylbenzene	50		49	98	75-125
1,1,2,2-Tetrachloroetha	50		54	108	65-130
Bromobenzene	50		50	100	75-125
1,2,3-Trichloropropane	50		58	116	75-125
n-Propylbenzene	50		48	96	70-130
2-Chlorotoluene	50		48	96	75-125
1,3,5-Trimethylbenzene	50		50	100	75-130
4-Chlorotoluene	50		50	100	75-130
tert-Butylbenzene	50		50	100	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6KLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,2,4-Trimethylbenzene	50		50	100	75-130
sec-Butylbenzene	50		50	100	70-125
4-Isopropyltoluene	50		49	98	75-130
1,3-Dichlorobenzene	50		48	96	75-125
1,4-Dichlorobenzene	50		49	98	75-125
n-Butylbenzene	50		50	100	70-135
1,2-Dichlorobenzene	50		51	102	70-120
1,2-Dibromo-3-chloropro	50		59	118	50-130
1,2,4-Trichlorobenzene	50		48	96	65-135
Hexachlorobutadiene	50		55	110	50-140
Naphthalene	50		39	78	55-140
1,2,3-Trichlorobenzene	50		49	98	55-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6MLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50		50	100	30-155
Chloromethane	50		44	88	40-125
Vinyl Chloride	50		46	92	50-145
Bromomethane	50		47	94	30-145
Chloroethane	50		43	86	60-135
Trichlorofluoromethane	50		63	126	60-145
1,1-Dichloroethene	50		48	96	70-130
Acetone	50		54	108	40-140
Iodomethane	50		45	90	72-121
Carbon Disulfide	50		49	98	35-160
Methylene Chloride	50		46	92	55-140
trans-1,2-Dichloroethen	50		42	84	60-140
Methyl tert-butyl ether	50		46	92	65-125
1,1-Dichloroethane	50		47	94	70-135
Vinyl acetate	50		48	96	38-163
2-Butanone	50		45	90	30-150
cis-1,2-Dichloroethene	50		42	84	70-125
2,2-Dichloropropane	50		48	96	70-135
Bromochloromethane	50		41	82	65-130
Chloroform	50		48	96	65-135
1,1,1-Trichloroethane	50		46	92	65-130
1,1-Dichloropropene	50		40	80	75-130
Carbon Tetrachloride	50		46	92	65-140
1,2-Dichloroethane	50		53	106	70-130
Benzene	50		44	88	80-120
Trichloroethene	50		39	78	70-125
1,2-Dichloropropane	50		46	92	75-125
Dibromomethane	50		46	92	75-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6MLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50		48	96	75-120
cis-1,3-Dichloropropene	50		43	86	70-130
4-Methyl-2-pentanone	50		41	82	60-135
Toluene	50		43	86	75-120
trans-1,3-Dichloroprope	50		46	92	55-140
1,1,2-Trichloroethane	50		44	88	75-125
1,3-Dichloropropane	50		50	100	75-125
Tetrachloroethene	50		48	96	45-150
2-Hexanone	50		40	80	55-130
Dibromochloromethane	50		49	98	60-135
1,2-Dibromoethane	50		45	90	80-120
Chlorobenzene	50		46	92	80-120
1,1,1,2-Tetrachloroetha	50		47	94	80-130
Ethylbenzene	50		44	88	75-125
m,p-Xylene	100		92	92	75-130
o-Xylene	50		46	92	80-120
Xylene (Total)	150		140	93	81-121
Styrene	50		46	92	65-135
Bromoform	50		55	110	70-130
Isopropylbenzene	50		46	92	75-125
1,1,2,2-Tetrachloroetha	50		48	96	65-130
Bromobenzene	50		46	92	75-125
1,2,3-Trichloropropane	50		51	102	75-125
n-Propylbenzene	50		44	88	70-130
2-Chlorotoluene	50		44	88	75-125
1,3,5-Trimethylbenzene	50		47	94	75-130
4-Chlorotoluene	50		46	92	75-130
tert-Butylbenzene	50		46	92	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6MLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,2,4-Trimethylbenzene	50		46	92	75-130
sec-Butylbenzene	50		47	94	70-125
4-Isopropyltoluene	50		46	92	75-130
1,3-Dichlorobenzene	50		45	90	75-125
1,4-Dichlorobenzene	50		46	92	75-125
n-Butylbenzene	50		48	96	70-135
1,2-Dichlorobenzene	50		47	94	70-120
1,2-Dibromo-3-chloropro	50		49	98	50-130
1,2,4-Trichlorobenzene	50		44	88	65-135
Hexachlorobutadiene	50		54	108	50-140
Naphthalene	50		33	66	55-140
1,2,3-Trichlorobenzene	50		45	90	55-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 68 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50		45	90	35-135
Chloromethane	50		43	86	50-130
Vinyl Chloride	50		46	92	60-125
Bromomethane	50		44	88	30-160
Chloroethane	50		44	88	40-155
Trichlorofluoromethane	50		44	88	25-185
1,1-Dichloroethene	50		46	92	65-135
Acetone	50		38	76	20-160
Iodomethane	50		44	88	70-126
Carbon Disulfide	50		43	86	45-160
Methylene Chloride	50		45	90	55-140
trans-1,2-Dichloroethen	50		46	92	65-135
Methyl tert-butyl ether	50		44	88	75-126
1,1-Dichloroethane	50		46	92	75-125
Vinyl acetate	50		48	96	65-138
2-Butanone	50		40	80	30-160
cis-1,2-Dichloroethene	50		45	90	65-125
2,2-Dichloropropane	50		44	88	65-135
Bromochloromethane	50		45	90	70-125
Chloroform	50		45	90	70-125
1,1,1-Trichloroethane	50		47	94	70-135
1,1-Dichloropropene	50		46	92	70-135
Carbon Tetrachloride	50		47	94	65-135
1,2-Dichloroethane	50		46	92	70-135
Benzene	50		46	92	75-125
Trichloroethene	50		47	94	75-125
1,2-Dichloropropane	50		47	94	70-120
Dibromomethane	50		47	94	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50		46	92	70-130
cis-1,3-Dichloropropene	50		47	94	70-125
4-Methyl-2-pentanone	50		44	88	45-145
Toluene	50		46	92	70-125
trans-1,3-Dichloroprope	50		48	96	65-125
1,1,2-Trichloroethane	50		46	92	60-125
1,3-Dichloropropane	50		47	94	75-125
Tetrachloroethene	50		46	92	65-140
2-Hexanone	50		40	80	45-145
Dibromochloromethane	50		47	94	65-130
1,2-Dibromoethane	50		47	94	70-125
Chlorobenzene	50		47	94	75-125
1,1,1,2-Tetrachloroetha	50		48	96	75-125
Ethylbenzene	50		46	92	75-125
m,p-Xylene	100		94	94	80-125
o-Xylene	50		46	92	75-125
Xylene (Total)	150		140	93	83-125
Styrene	50		48	96	75-125
Bromoform	50		49	98	55-135
Isopropylbenzene	50		48	96	75-130
1,1,2,2-Tetrachloroetha	50		45	90	55-130
Bromobenzene	50		46	92	65-120
1,2,3-Trichloropropane	50		46	92	65-130
n-Propylbenzene	50		46	92	65-135
2-Chlorotoluene	50		46	92	70-130
1,3,5-Trimethylbenzene	50		47	94	65-135
4-Chlorotoluene	50		47	94	75-125
tert-Butylbenzene	50		46	92	65-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,2,4-Trimethylbenzene	50		47	94	65-135
sec-Butylbenzene	50		47	94	65-130
4-Isopropyltoluene	50		47	94	75-135
1,3-Dichlorobenzene	50		46	92	70-125
1,4-Dichlorobenzene	50		46	92	70-125
n-Butylbenzene	50		48	96	65-140
1,2-Dichlorobenzene	50		47	94	75-120
1,2-Dibromo-3-chloropro	50		47	94	40-135
1,2,4-Trichlorobenzene	50		49	98	65-130
Hexachlorobutadiene	50		49	98	55-140
Naphthalene	50		49	98	40-125
1,2,3-Trichlorobenzene	50		50	100	60-135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	50	47	94	4	40	35-135
Chloromethane	50	44	88	2	40	50-130
Vinyl Chloride	50	50	100	8	40	60-125
Bromomethane	50	46	92	4	40	30-160
Chloroethane	50	47	94	6	40	40-155
Trichlorofluoromethane	50	46	92	4	40	25-185
1,1-Dichloroethene	50	46	92	0	40	65-135
Acetone	50	36	72	5	40	20-160
Iodomethane	50	48	96	9	40	70-126
Carbon Disulfide	50	45	90	4	40	45-160
Methylene Chloride	50	46	92	2	40	55-140
trans-1,2-Dichloroethen	50	46	92	0	40	65-135
Methyl tert-butyl ether	50	48	96	9	40	75-126
1,1-Dichloroethane	50	48	96	4	40	75-125
Vinyl acetate	50	49	98	2	40	65-138
2-Butanone	50	40	80	0	40	30-160
cis-1,2-Dichloroethene	50	47	94	4	40	65-125
2,2-Dichloropropane	50	46	92	4	40	65-135
Bromochloromethane	50	47	94	4	40	70-125
Chloroform	50	47	94	4	40	70-125
1,1,1-Trichloroethane	50	47	94	0	40	70-135
1,1-Dichloropropene	50	48	96	4	40	70-135
Carbon Tetrachloride	50	47	94	0	40	65-135
1,2-Dichloroethane	50	47	94	2	40	70-135
Benzene	50	47	94	2	40	75-125
Trichloroethene	50	48	96	2	40	75-125
1,2-Dichloropropane	50	47	94	0	40	70-120
Dibromomethane	50	47	94	0	40	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromodichloromethane	50	48	96	4	40	70-130
cis-1,3-Dichloropropene	50	49	98	4	40	70-125
4-Methyl-2-pentanone	50	47	94	6	40	45-145
Toluene	50	46	92	0	40	70-125
trans-1,3-Dichloroprope	50	48	96	0	40	65-125
1,1,2-Trichloroethane	50	48	96	4	40	60-125
1,3-Dichloropropane	50	49	98	4	40	75-125
Tetrachloroethene	50	47	94	2	40	65-140
2-Hexanone	50	45	90	12	40	45-145
Dibromochloromethane	50	48	96	2	40	65-130
1,2-Dibromoethane	50	47	94	0	40	70-125
Chlorobenzene	50	48	96	2	40	75-125
1,1,1,2-Tetrachloroetha	50	48	96	0	40	75-125
Ethylbenzene	50	48	96	4	40	75-125
m,p-Xylene	100	97	97	3	40	80-125
o-Xylene	50	48	96	4	40	75-125
Xylene (Total)	150	140	93	0	40	83-125
Styrene	50	49	98	2	40	75-125
Bromoform	50	50	100	2	40	55-135
Isopropylbenzene	50	48	96	0	40	75-130
1,1,2,2-Tetrachloroetha	50	48	96	6	40	55-130
Bromobenzene	50	48	96	4	40	65-120
1,2,3-Trichloropropane	50	48	96	4	40	65-130
n-Propylbenzene	50	49	98	6	40	65-135
2-Chlorotoluene	50	48	96	4	40	70-130
1,3,5-Trimethylbenzene	50	49	98	4	40	65-135
4-Chlorotoluene	50	47	94	0	40	75-125
tert-Butylbenzene	50	49	98	6	40	65-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trimethylbenzene	50	49	98	4	40	65-135
sec-Butylbenzene	50	50	100	6	40	65-130
4-Isopropyltoluene	50	50	100	6	40	75-135
1,3-Dichlorobenzene	50	48	96	4	40	70-125
1,4-Dichlorobenzene	50	48	96	4	40	70-125
n-Butylbenzene	50	51	102	6	40	65-140
1,2-Dichlorobenzene	50	49	98	4	40	75-120
1,2-Dibromo-3-chloropro	50	50	100	6	40	40-135
1,2,4-Trichlorobenzene	50	52	104	6	40	65-130
Hexachlorobutadiene	50	51	102	4	40	55-140
Naphthalene	50	54	108	10	40	40-125
1,2,3-Trichlorobenzene	50	52	104	4	40	60-135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 68 outside limits
Spike Recovery: 0 out of 136 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1ELCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50		41	82	35-135
Chloromethane	50		39	78	50-130
Vinyl Chloride	50		42	84	60-125
Bromomethane	50		43	86	30-160
Chloroethane	50		42	84	40-155
Trichlorofluoromethane	50		44	88	25-185
1,1-Dichloroethene	50		43	86	65-135
Acetone	50		36	72	20-160
Iodomethane	50		40	80	70-126
Carbon Disulfide	50		42	84	45-160
Methylene Chloride	50		46	92	55-140
trans-1,2-Dichloroethen	50		41	82	65-135
Methyl tert-butyl ether	50		43	86	75-126
1,1-Dichloroethane	50		42	84	75-125
Vinyl acetate	50		43	86	65-138
2-Butanone	50		37	74	30-160
cis-1,2-Dichloroethene	50		41	82	65-125
2,2-Dichloropropane	50		42	84	65-135
Bromochloromethane	50		42	84	70-125
Chloroform	50		42	84	70-125
1,1,1-Trichloroethane	50		41	82	70-135
1,1-Dichloropropene	50		41	82	70-135
Carbon Tetrachloride	50		42	84	65-135
1,2-Dichloroethane	50		41	82	70-135
Benzene	50		42	84	75-125
Trichloroethene	50		42	84	75-125
1,2-Dichloropropane	50		43	86	70-120
Dibromomethane	50		42	84	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1ELCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50		41	82	70-130
cis-1,3-Dichloropropene	50		43	86	70-125
4-Methyl-2-pentanone	50		40	80	45-145
Toluene	50		41	82	70-125
trans-1,3-Dichloroprope	50		42	84	65-125
1,1,2-Trichloroethane	50		42	84	60-125
1,3-Dichloropropane	50		42	84	75-125
Tetrachloroethene	50		40	80	65-140
2-Hexanone	50		38	76	45-145
Dibromochloromethane	50		40	80	65-130
1,2-Dibromoethane	50		40	80	70-125
Chlorobenzene	50		41	82	75-125
1,1,1,2-Tetrachloroetha	50		41	82	75-125
Ethylbenzene	50		41	82	75-125
m,p-Xylene	100		82	82	80-125
o-Xylene	50		41	82	75-125
Xylene (Total)	150		120	80*	83-125
Styrene	50		42	84	75-125
Bromoform	50		43	86	55-135
Isopropylbenzene	50		42	84	75-130
1,1,2,2-Tetrachloroetha	50		40	80	55-130
Bromobenzene	50		40	80	65-120
1,2,3-Trichloropropane	50		42	84	65-130
n-Propylbenzene	50		40	80	65-135
2-Chlorotoluene	50		40	80	70-130
1,3,5-Trimethylbenzene	50		41	82	65-135
4-Chlorotoluene	50		40	80	75-125
tert-Butylbenzene	50		40	80	65-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1ELCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,2,4-Trimethylbenzene	50		41	82	65-135
sec-Butylbenzene	50		41	82	65-130
4-Isopropyltoluene	50		41	82	75-135
1,3-Dichlorobenzene	50		41	82	70-125
1,4-Dichlorobenzene	50		41	82	70-125
n-Butylbenzene	50		42	84	65-140
1,2-Dichlorobenzene	50		40	80	75-120
1,2-Dibromo-3-chloropro	50		40	80	40-135
1,2,4-Trichlorobenzene	50		42	84	65-130
Hexachlorobutadiene	50		41	82	55-140
Naphthalene	50		41	82	40-125
1,2,3-Trichlorobenzene	50		42	84	60-135

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 1 out of 68 outside limits

COMMENTS: _____

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID: V1J3813 Lab Sample ID: MB-34670

Date Analyzed: 01/31/08 Time Analyzed: 1737

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1DLCS	LCS-34670	V1J3814	1804
02	V1DLCSD	LCSD-34670	V1J3815	1832
03	GP8-SS1	G0125-05A	V1J3824	2241
04	GP11-SS1	G0125-06A	V1J3825	2309
05	GP100-SS1	G0125-07A	V1J3826	2337
06	GP12-SS1	G0125-08A	V1J3827	0005
07	GP6-SS1	G0125-11A	V1J3830	0128
08	GP1-SS01	G0125-12A	V1J3831	0156
09	GP2-SS1	G0125-13A	V1J3832	0224
10				
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COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3813

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	4	J
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3813

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK1D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3813

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	8.30	6	NJ
2.					
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1E

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID: V1J3843 Lab Sample ID: MB-34673

Date Analyzed: 02/01/08 Time Analyzed: 1114

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1ELCS	LCS-34673	V1J3844	1142
02	GP110-SS1	G0125-03A	V1J3852	1541
03	GP4-SS1	G0125-04A	V1J3853	1609
04	GP100-SS1RE	G0125-07ARE	V1J3854	1637
05	GP12-SS1RE	G0125-08ARE	V1J3855	1705
06	GP10-SS1	G0125-09A	V1J3856	1733
07	GP5-SS1	G0125-10A	V1J3857	1801
08	GP6-SS1RE	G0125-11ARE	V1J3858	1828
09	GP3-SS01	G0125-14A	V1J3859	1856
10	GP1-SS01DL	G0125-12ADL	V1J3860	1924
11	GP2-SS1DL	G0125-13ADL	V1J3861	1951
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13				
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COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1E

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34673

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3843

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	4	J
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1E

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34673

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3843

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK1E

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34673

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3843

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.30	4	J
2.					
3.					
4.					
5.					
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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK6I

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID: V6F6182 Lab Sample ID: MB-34640

Date Analyzed: 02/04/08 Time Analyzed: 1012

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6ILCS	LCS-34640	V6F6183	1052
02	GP7-GW1	G0125-01A	V6F6194	1619
03	GW204S-01	G0125-02A	V6F6195	1648
04	GP5-GW1	G0125-15A	V6F6196	1744
05	GW2	G0125-16A	V6F6197	1813
06	GP1-GW1	G0125-17A	V6F6198	1842
07	GW1	G0125-18A	V6F6199	1910
08				
09				
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COMMENTS:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6I

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34640

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6182

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6I

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34640

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6182

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK6I

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34640

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6182

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK6J

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID: V6F6202 Lab Sample ID: MB-34730

Date Analyzed: 02/05/08 Time Analyzed: 1054

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6JLCS	LCS-34730	V6F6203	1135
02	V6JLCSD	LCSD-34730	V6F6204	1203
03	TRIPBLANK	G0125-28A	V6F6206	1316
04	GW2DL	G0125-16ADL	V6F6207	1344
05	GP1-GW1DL	G0125-17ADL	V6F6208	1412
06	GW1DL	G0125-18ADL	V6F6209	1440
07	GW205S-01	G0125-19A	V6F6210	1509
08	GP2-GW1	G0125-20A	V6F6211	1537
09	GP2-GW10	G0125-21A	V6F6212	1606
10				
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COMMENTS:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6J

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6202

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6J

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6202

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	1	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK6J

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6202

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK6K

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID: V6F6223 Lab Sample ID: MB-34767

Date Analyzed: 02/06/08 Time Analyzed: 1248

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6KLCS	LCS-34767	V6F6224	1338
02	GP6-GW1	G0125-23A	V6F6227	1522
03	GP10-GW1	G0125-24A	V6F6228	1550
04	GP12-GW1	G0125-25A	V6F6229	1619
05	GP11-GW1	G0125-26A	V6F6230	1647
06	GP2-GW1DL	G0125-20ADL	V6F6231	1715
07	GP3-GW1	G0125-22A	V6F6233	1812
08	GP9-GW1	G0125-27A	V6F6234	1841
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COMMENTS:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6K

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34767

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6223

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6K

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34767

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6223

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK6K

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34767

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6223

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK6M

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID: V6F6264 Lab Sample ID: MB-34798

Date Analyzed: 02/08/08 Time Analyzed: 1141

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V6MLCS	LCS-34798	V6F6265	1222
02	GP2-GW10DL	G0125-21ADL	V6F6266	1302
03	GP4-GW1	G0125-29A	V6F6267	1331
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COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6M

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6264

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6M

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6264

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	1	J
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK6M

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6264

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID (Standard): V1J3841 Date Analyzed: 02/01/08

Instrument ID: V1 Time Analyzed: 0942

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

		IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	1473197	5.80	949326	9.44	404902	12.38
	UPPER LIMIT	2946394	6.30	1898652	9.94	809804	12.88
	LOWER LIMIT	736599	5.30	474663	8.94	202451	11.88
	EPA SAMPLE NO.						
01	VBLK1E	1638731	5.81	1069922	9.44	410473	12.39
02	V1ELCS	1766215	5.81	1181053	9.44	521064	12.39
03	GP110-SS1	929568	5.82	658365	9.46	258087	12.41
04	GP4-SS1	1106589	5.83	701730	9.45	256884	12.41
05	GP100-SS1RE	806731	5.83	504593	9.46	156696*	12.41
06	GP12-SS1RE	873201	5.83	554358	9.47	177338*	12.41
07	GP10-SS1	1085254	5.83	698722	9.47	232002	12.42
08	GP5-SS1	1136131	5.84	721355	9.47	236607	12.41
09	GP6-SS1RE	639473*	5.83	413038*	9.46	148553*	12.42
10	GP3-SS01	1111793	5.84	719399	9.47	260201	12.42
11	GP1-SS01DL	1425644	5.84	885709	9.47	291810	12.42
12	GP2-SS1DL	1502274	5.84	1013931	9.48	398697	12.42
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IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID (Standard): V6F6181 Date Analyzed: 02/04/08

Instrument ID: V6 Time Analyzed: 0931

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

		IS1 AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	1472737	6.23	1477301	9.89	811308	12.78
	UPPER LIMIT	2945474	6.73	2954602	10.39	1622616	13.28
	LOWER LIMIT	736369	5.73	738651	9.39	405654	12.28
	EPA SAMPLE NO.						
01	VBLK6I	1472496	6.22	1467289	9.88	780777	12.79
02	V6ILCS	1426212	6.23	1449380	9.89	801204	12.78
03	GP7-GW1	1353829	6.23	1349043	9.89	737059	12.79
04	GW204S-01	1398583	6.22	1387490	9.88	740610	12.79
05	GP5-GW1	1342952	6.22	1335063	9.88	712623	12.79
06	GW2	1288334	6.22	1280629	9.88	684173	12.79
07	GP1-GW1	1339179	6.23	1355785	9.89	739457	12.79
08	GW1	1302136	6.22	1318138	9.88	701596	12.79
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20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID (Standard): V6F6201 Date Analyzed: 02/05/08

Instrument ID: V6 Time Analyzed: 1010

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

		IS1 AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	1527960	6.22	1353721	9.88	737503	12.79
	UPPER LIMIT	3055920	6.72	2707442	10.38	1475006	13.29
	LOWER LIMIT	763980	5.72	676861	9.38	368752	12.29
	EPA SAMPLE NO.						
01	VBLK6J	1632858	6.23	1298586	9.88	652416	12.79
02	V6JLCS	1711310	6.23	1423994	9.89	753837	12.79
03	V6JLCSD	1703618	6.23	1409851	9.88	746283	12.79
04	TRIPBLANK	1624243	6.23	1289381	9.89	635010	12.79
05	GW2DL	1583160	6.23	1254322	9.89	622912	12.79
06	GP1-GW1DL	1634415	6.23	1281492	9.89	635526	12.79
07	GW1DL	1530178	6.23	1219844	9.89	594692	12.79
08	GW205S-01	1561460	6.23	1237565	9.89	608686	12.79
09	GP2-GW1	1559319	6.23	1272467	9.89	667473	12.79
10	GP2-GW10	1698090	6.23	1334683	9.89	703623	12.79
11							
12							
13							
14							
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16							
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19							
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21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID (Standard): V6F6222 Date Analyzed: 02/06/08

Instrument ID: V6 Time Analyzed: 1208

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

		IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	1499942	6.23	1237348	9.89	658718	12.79
	UPPER LIMIT	2999884	6.73	2474696	10.39	1317436	13.29
	LOWER LIMIT	749971	5.73	618674	9.39	329359	12.29
	EPA SAMPLE NO.						
01	VBLK6K	1559761	6.23	1238644	9.89	599003	12.79
02	V6KLCS	1550419	6.23	1280221	9.88	676765	12.79
03	GP6-GW1	1576721	6.23	1254580	9.89	626032	12.79
04	GP10-GW1	1537002	6.23	1222727	9.89	619410	12.79
05	GP12-GW1	1512803	6.23	1201406	9.89	592729	12.79
06	GP11-GW1	1424518	6.23	1139306	9.89	560034	12.79
07	GP2-GW1DL	1462605	6.23	1150169	9.89	567142	12.79
08	GP3-GW1	1452518	6.23	1153554	9.89	574929	12.79
09	GP9-GW1	1364615	6.23	1069703	9.89	524002	12.79
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15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID (Standard): V6F6261 Date Analyzed: 02/08/08

Instrument ID: V6 Time Analyzed: 0937

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

		IS1 AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	1423504	6.23	1166863	9.88	635047	12.79
	UPPER LIMIT	2847008	6.73	2333726	10.38	1270094	13.29
	LOWER LIMIT	711752	5.73	583432	9.38	317524	12.29
	EPA SAMPLE NO.						
01	VBLK6M	1407945	6.22	1105332	9.89	534366	12.79
02	V6MLCS	1470534	6.23	1199771	9.89	657639	12.79
03	GP2-GW10DL	1464279	6.22	1146305	9.88	563645	12.79
04	GP4-GW1	1391622	6.23	1096903	9.89	549322	12.79
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Centek Laboratories, LLC

143 Midler Park Drive
Syracuse, NY 13206
(315) 431-9730
www.CentekLabs.com

MitKem

Division of Spectrum Analytical, Inc.

Sample Data Package
January 29 , 2008

G0143
C0802002

Volume 1 of 1

- **Work Order Summary**
- **Analytical Results Summary**
- **Quality Control Summary**
- **Sample Data**
- **Standards Data**
- **Raw Data**
- **Logbooks**

GC/MS TO-15 Package Review Checklist

Client : Mitkem Project : ~~G0143 & G0144~~ G0143 SDG : C0802002

		YES	NO	NA
Analytical Results	Present and complete	✓		
Tentatively Identified Compounds	Present and complete	✓		
	Holding times met	✓		

Comments :

Internal Chain-of-Custody	Present and complete	✓		
Surrogate Recovery Forms	Present and complete	✓		
	Surrogate recoveries within limits		✓	
	Sample(s) reanalyzed	✓		

Comments : * SEE CASE NARRATIVE

Lab. Control Sample	Present and complete	✓		
	Spike recoveries within limits		✓	

Comments : * SEE CASE NARRATIVE

Duplicate Analysis Form	Present and complete			✓
	Results within control limits			✓

Comments : * NO MS/MSD

IDLs	Present and complete	✓		
Sample Raw data	Present and complete	✓		
	TIC spectra present for all samples	✓		

Comments :

GC/MS TO-15 Package Review Checklist

Client : Mitkem Project : G0143 & G0144 (G0143) SDG : C080200 2

		YES	NO	NA
Standards Data				
Initial calibration summary form	Present and complete	✓		
	calibration(s) met criteria	✓		
Calibration verification summary	Present and complete	✓		
	calibration(s) met criteria		✓	
Standards Raw Data	Present and complete	✓		

Comments : * SEE CASE NARRATIVE

Raw Quality Control Data				
Tune Criteria Report	Present and met criteria	✓		
Method Blank Data	Method blank results <PQL	✓		
	Associated results flagged "B"			✓
Lab. Control sample data	Present and Complete	✓		
Duplicate sample data	Present and Complete	✓		

Comments :

Calculation Sheet	Present	✓		
Injection Log	Present and complete	✓		
Canister Cleaning Log	Present and complete	✓		
Standards Log	Present and complete	✓		

Additional Comments :

Section Supervisor : [signature] Date : 3/7/08

QC Reviewer : [signature] Date : 3/7/08

ASP CAT B LIKE DELIVERABLE PACKAGE
Table of Contents

CLIENT: MitKem A Division of Spectrum Analytical,
Project: CDM/G0143
Lab Order: C0802002

CASE NARRATIVE

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination. Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

See Corrective Action: [1040] Surrogate did not meet criteria.
See Corrective Action: [1041] IS did not meet criteria.
See Corrective Action: [1042] LCS did not meet criteria.
See Corrective Action: [1043] Surrogate did not meet criteria.
See Corrective Action: [1044] IS did not meet criteria.
See Corrective Action: [1045] LCS did not meet criteria.
See Corrective Action: [1046] CC did not meet criteria.

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 07-Feb-08 **Corrective Action Report ID:** 1040

Initiated By: Leo Lucisano **Department:** MSVOA

Corrective Action Description

CAR Summary: Surrogate did not meet criteria.

Description of Nonconformance: Surrogate was high and did not meet criteria for sample C0802002-003. This is most likely due to matrix. Based on the chromatographic evidence, it appears that the contamination is from a high concentration of fuel.

Description of Corrective Action: Sample was analyzed as a dilution with result meeting criteria. All sets of data submitted.

Performed By: Leo Lucisano **Completion Date:** 08-Feb-08

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: No further corrective action taken. All sets of data submitted.

Approval and Closure

Technical Director / Deputy Tech. Dir.: Russell Pellegrino Close Date: 09-Feb-08

QA Officer Approval: Nick Scala QA Date: 08-Feb-08

Last Updated BY leo Updated: 28-Feb-2008 4:43 PM Reported: 28-Feb-2008 4:43 PM

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 07-Feb-08 **Corrective Action Report ID:** 1041

Initiated By: Leo Lucisano **Department:** MSVOA

Corrective Action Description

CAR Summary: IS did not meet criteria.

Description of Nonconformance: IS was high and did not meet criteria for samples C0802002-001, 002, 003, 004 & 004DL20. This is most likely due to matrix. Based on the chromatographic evidence, it appears that the contamination is from a high concentration of fuel.

Description of Corrective Action: Samples C0802002-001 & 004 were analyzed as dilutions with results meeting criteria. The remaining samples C0802002-002 & 003 were analyzed further as dilutions with similar results. All sets of data submitted.

Performed By: Leo Lucisano **Completion Date:** 08-Feb-08

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: No further corrective action taken. All sets of data submitted.

Approval and Closure

Technical Director / Deputy Tech. Dir.: Russell Pellegrino Close Date: 09-Feb-08

QA Officer Approval: Nick Scala QA Date: 08-Feb-08

Last Updated BY leo Updated: 28-Feb-2008 4:49 PM Reported: 28-Feb-2008 4:49 PM

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 07-Feb-08 **Corrective Action Report ID:** 1042

Initiated By: Leo Lucisano **Department:** MSVOA

Corrective Action Description

CAR Summary: LCS did not meet criteria.

Description of Nonconformance: LCS1UT-020708 did not meet criteria for allyl chloride, 1,1-dichloroethene, propylene & isopropyl alcohol. The compounds in question were more sensitive. All other QC requirements met criteria.The sample results would have been biased high; however, the compounds of interest were not detected in associated samples.

Description of Corrective Action: Since all other QC requirements were met and the results would have been biased high for the compounds of interest, no corrective action taken at this time. If results continue to be outside established limits then recalibrate system. All sets of data submitted.

Performed By: Leo Lucisano **Completion Date:** 08-Feb-08

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: At this time no further corrective action taken. If results continue to be outside acceptable limits than recalibrate system. All sets of data submitted.

Approval and Closure

Technical Director / Deputy Tech. Dir.: Russell Pellegrino Close Date: 09-Feb-08

QA Officer Approval: Nick Scala QA Date: 08-Feb-08

Last Updated BY leo Updated: 28-Feb-2008 4:58 PM Reported: 28-Feb-2008 4:58 PM

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 09-Feb-08 **Corrective Action Report ID:** 1043

Initiated By: Leo Lucisano **Department:** MSVOA

Corrective Action Description

CAR Summary: Surrogate did not meet criteria.

Description of Nonconformance: Surrogate was low and did not meet criteria for sample C0802002-007DL40. This is most likely due to matrix.

Description of Corrective Action: Sample was analyzed at a higher concentration with result meeting criteria. All sets of data submitted.

Performed By: Leo Lucisano **Completion Date:** 10-Feb-08

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: No further corrective action taken. All sets of data submitted.

Approval and Closure

Technical Director / Deputy Tech. Dir.: Russell Pellegrino **Close Date:** 11-Feb-08

QA Officer Approval: Nick Scala **QA Date:** 10-Feb-08

Last Updated BY leo Updated: 24-Mar-2008 11:28 AM Reported: 24-Mar-2008 11:28 A

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 09-Feb-08 **Corrective Action Report ID:** 1044

Initiated By: Leo Lucisano **Department:** MSVOA

Corrective Action Description

CAR Summary: IS did not meet criteria.

Description of Nonconformance: IS was high and did not meet criteria for samples C0802002-002DL10, 002DL40, 003DL10, 003DL40, 005, 006, 007 & 008. This is most likely due to matrix. Based on the chromatographic evidence, it appears that the contamination is from a high concentration of fuel.

Description of Corrective Action: Samples C0802002-002DL10, 002DL40, 003DL10 & 003DL40 were analyzed at higher concentrations with similar results. The remaining samples C0802002-005, 006, 007 & 008 were analyzed further as dilutions with results meeting criteria. All sets of data submitted.

Performed By: Leo Lucisano **Completion Date:** 10-Feb-08

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: No further corrective action taken. All sets of data submitted.

Approval and Closure

Technical Director / Deputy Tech. Dir.: Russell Pellegrino **Close Date:** 11-Feb-08

QA Officer Approval: Nick Scala **QA Date:** 10-Feb-08

Last Updated BY leo Updated: 24-Mar-2008 11:46 AM Reported: 24-Mar-2008 11:46 A

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 09-Feb-08 **Corrective Action Report ID:** 1045

Initiated By: Leo Lucisano **Department:** MSVOA

Corrective Action Description

CAR Summary: LCS did not meet criteria.

Description of Nonconformance: LCS1UT-020908 did not meet criteria for 1,2,4-trichlorobenzene. The compound was less sensitive. However, all other QC requirements met criteria. The LCS 6 Liter canister was independent of the 6 Liter continuing calibration canister. The next sequence of samples to be analyzed will require a new LCS standard.

Description of Corrective Action: Since all other QC requirements met criteria and the LCS 6 Liter canister was independent of the continuing calibration 6 Liter canister , no corrective action taken at this time. The next sequence of samples to be analyzed will require a new LCS standard. If results continue to be outside established limits then recalibrate system. All sets of data submitted.

Performed By: Leo Lucisano **Completion Date:** 10-Feb-08

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: At this time no further corrective action taken. If results continue to be outside acceptable limits than recalibrate system. All sets of data submitted.

Approval and Closure

Technical Director / Deputy Tech. Dir.: Russell Pellegrino Close Date: 11-Feb-08

QA Officer Approval: Nick Scala QA Date: 10-Feb-08

Last Updated BY leo Updated: 28-Feb-2008 5:40 PM Reported: 28-Feb-2008 5:40 PM

Centek Laboratories, LLC

Corrective Action Report

Date Initiated: 09-Feb-08 **Corrective Action Report ID:** 1046

Initiated By: Leo Lucisano **Department:** MSVOA

Corrective Action Description

CAR Summary: CC did not meet criteria.

Description of Nonconformance: Continuing calibration did not meet criteria on 2/9/08 for bromoform & benzyl chloride. The compounds in question were more sensitive and were not detected in associated samples. The results would have been biased high.

Description of Corrective Action: Since the compounds of interest were not detected in the associated samples and the results would have been biased high, no corrective action taken at this time. If results continue to be outside established limits then recalibrate system. All sets of data submitted.

Performed By: Leo Lucisano **Completion Date:** 10-Feb-08

Client Notification

Client Notification Required: No **Notified By:**

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: At this time no further corrective action taken. If results continue to be outside acceptable limits than recalibrate system. All sets of data submitted.

Approval and Closure

Technical Director / Deputy Tech. Dir.: Russell Pellegrino Close Date: 11-Feb-08

QA Officer Approval: Nick Scala QA Date: 10-Feb-08

Last Updated BY leo Updated: 28-Feb-2008 5:46 PM Reported: 28-Feb-2008 5:46 PM

Centek Laboratories, LLC

Chain of Custody

143 Midler Park Drive
Syracuse, NY 13206
Phone: 315-431-9730 Fax: 315-431-9731 Emergency: 315-416-2751 / 416-2752

Site Name: Town & Country
Project: CDM - NYSDEC
PO#:
Other:

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☒ 1ug/M3	☐ Level II
☐ 1ug/M3 +TCE .25	☒ Cat "B" Like

Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☒	0%	
4 Business Days	☐	35%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
Next Day by 5pm	☐	100%	
Next Day by Noon	☐	150%	
Same Day	☐	200%	

Company: CDM
Report: John Blaum
15 Cornell Road
Latham NY 12110
Phone: 518-782-4500
Fax: 518-782-4509
Email: BlaumJP@cdm.com

Company: ~~Chem~~ M+Kem
Invoice: M+Kem
Phone:
Fax:
Email:

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Comments	Vacuum Start/Stop
828149-GP4-SV1	1/29/08	419	296	TO-15		28/4
828149-GP5-SV1	1/29/08	78	147	TO-15		30/3.5
828149-GP3-SV1	1/29/08	~~29~~ 84	~~4~~ 186	TO-15		29/4
828149-GP1-SV1	1/29/08	90	~~39~~ 92	TO-15		28.5/4
828149-GP6-SV1	1/30/08	463	78	TO-15		27/1
828149-GP6-SV1DD	1/30/08	415	900	TO-15		27/4
828149-GP8-SV1	1/30/08	412	63	TO-15		29/4
828149-GP11-SV1	1/30/08	422	175	TO-15		28/3

Chain of Custody	Print Name	Signature	Date/Time	Courier:
Sampled by:	John P Blaum	John P Blaum	1/31/08 1400	
Relinquished by:	John P Blaum	John P Blaum	1/31/08 1400	
Received at Lab by:	M. Palmer	M. Palmer	2/1/08	4:00 pm

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Centek Laboratories, LLC

Sample Receipt Checklist

Client Name MITKEM | Date and Time Receive 2/1/2008

Work Order Numbe C0802002 | Received by MSP

Checklist completed by _____ 2/1/08 (Signature / Date) | Reviewed by _____ 2/1/08 (Initials / Date)

Matrix: | Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☑	

Adjusted? _____ Checked b _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT: MitKem A Division of Spectrum Analytical,
Project: CDM/G0143
Lab Order: C0802002

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C0802002-001A	828149-GP4-SVI	419, 296	1/29/2008	2/1/2008
C0802002-002A	828149-GP5-SVI	78, 147	1/29/2008	2/1/2008
C0802002-003A	828149-GP3-SVI	84, 186	1/29/2008	2/1/2008
C0802002-004A	828149-GP1-SVI	90, 392	1/29/2008	2/1/2008
C0802002-005A	828149-GP6-SVI	463, 79	1/30/2008	2/1/2008
C0802002-006A	828149-GP6-SVIOD	415, 400	1/30/2008	2/1/2008
C0802002-007A	828149-GP8-SVI	412, 63	1/30/2008	2/1/2008
C0802002-008A	828149-GP11-SVI	422, 175	1/30/2008	2/1/2008

Sample ID:	Action:	ActionDate:	Person:	NewLocation:
C0802002-001A	Login	2/1/2008 4:09:58 PM	MIKE	Sample Log In
C0802002-007A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-006A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-005A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-004A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-003A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-002A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-008A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-002A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-003A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-008A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-004A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-005A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-001A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-007A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-006A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-005A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-001A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-002A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-004A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-006A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-007A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-008A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-003A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed

Centek Laboratories, LLC
143 Midler Park Drive
Syracuse, NY 13206
TEL: *3154319730* FAX: *3154319731*

BOTTLE ORDER

919

28-Feb-08

SHIPPED TO:

Company: CDM
Contact: Mr. John Blaum
Address: 15 Cornell Road
Latham, NY 12110
Phone: (401) 732-3400
Quote ID: 0
Project:

Submitted By:

Ship Date: 1/23/2008
VIA: Fed ex
Due Date: 1/25/2008

Bottle Code	Bottle Type	TEST(s)	QTY
MC1000CC	1000cc Mini-Can	1ug/m3 w/ 0.25ug/M3 CT-TCE-VC	13

Can / Reg ID	Description
310	Time-Set Reg - 733
296	Time-Set Reg - 719
119	Time-Set Reg - 623
175	Time-Set Reg - 658
147	Time-Set Reg - 642
186	Time-Set Reg - 657
63	Time-Set Reg - 839R
78	1L Mini-Can
79	Time-Set Reg
400	Time-Set Reg - 779
403	Time-Set Reg - 782
392	Time-Set Reg - 771
372	Time-Set Reg - 746
328	1L Mini-Can - 1291
363	1L Mini-Can - 1312
419 ✓	1L Mini-Can - 1343
463 ✓	1L Mini-Can - 1366
415 ✓	1L Mini-Can
84 ✓	1L Mini-Can - 1093
90 ✓	1L Mini-Can - 1096
422 ✓	1L Mini-Can - 1349
412 ✓	1L Mini-Can - 1336
332 ✓	1L Mini-Can - 1295
237 ✓	1L Mini-Can - 1168
286	1L Mini-Can - 1262

Comments: 13(1L)2hrs WAC011608 A-D WAC011808 A-F

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

ANALYTICAL RESULTS

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP4-SVI
Lab Order:	C0802002	**Tag Number:**	419, 296
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-4			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2,4-Trimethylbenzene	0.210	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 10:57:00 AM
2,2,4-trimethylpentane	0.150	0.150		ppbV	1	2/8/2008 10:57:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Acetone	13.1	3.00		ppbV	10	2/8/2008 11:30:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Benzene	0.730	0.150		ppbV	1	2/8/2008 10:57:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Bromoform	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Carbon disulfide	1.18	0.150		ppbV	1	2/8/2008 10:57:00 AM
Carbon tetrachloride	0.0400	0.0400		ppbV	1	2/8/2008 10:57:00 AM
Chlorobenzene	0.140	0.150	J	ppbV	1	2/8/2008 10:57:00 AM
Chloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Chloroform	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Cyclohexane	6.70	1.50		ppbV	10	2/8/2008 11:30:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Ethyl acetate	0.410	0.250		ppbV	1	2/8/2008 10:57:00 AM
Ethylbenzene	0.190	0.150		ppbV	1	2/8/2008 10:57:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP4-SVI
Lab Order:	C0802002	**Tag Number:**	419, 296
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.190	0.150		ppbV	1	2/8/2008 10:57:00 AM
Freon 113	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Freon 114	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Freon 12	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Heptane	0.750	0.150		ppbV	1	2/8/2008 10:57:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Hexane	14.5	1.50		ppbV	10	2/8/2008 11:30:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
m&p-Xylene	0.480	0.300		ppbV	1	2/8/2008 10:57:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 10:57:00 AM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 10:57:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 10:57:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Methylene chloride	0.170	0.150		ppbV	1	2/8/2008 10:57:00 AM
o-Xylene	0.160	0.150		ppbV	1	2/8/2008 10:57:00 AM
Propylene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Styrene	0.320	0.150		ppbV	1	2/8/2008 10:57:00 AM
Tetrachloroethylene	0.230	0.150		ppbV	1	2/8/2008 10:57:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Toluene	4.20	1.50		ppbV	10	2/8/2008 11:30:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Trichloroethene	0.0400	0.0400		ppbV	1	2/8/2008 10:57:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/8/2008 10:57:00 AM
Surr: Bromofluorobenzene	93.0	70-130		%REC	1	2/8/2008 10:57:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP4-SVI
Lab Order:	C0802002	**Tag Number:**	419, 296
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 10:57:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 10:57:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 10:57:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 10:57:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/8/2008 10:57:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 10:57:00 AM
1,2,4-Trimethylbenzene	1.05	0.749		ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 10:57:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 10:57:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 10:57:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 10:57:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 10:57:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 10:57:00 AM
2,2,4-trimethylpentane	0.712	0.712		ug/m3	1	2/8/2008 10:57:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 10:57:00 AM
Acetone	31.6	7.24		ug/m3	10	2/8/2008 11:30:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 10:57:00 AM
Benzene	2.37	0.487		ug/m3	1	2/8/2008 10:57:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 10:57:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 10:57:00 AM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 10:57:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 10:57:00 AM
Carbon disulfide	3.73	0.475		ug/m3	1	2/8/2008 10:57:00 AM
Carbon tetrachloride	0.256	0.256		ug/m3	1	2/8/2008 10:57:00 AM
Chlorobenzene	0.655	0.702	J	ug/m3	1	2/8/2008 10:57:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/8/2008 10:57:00 AM
Chloroform	ND	0.744		ug/m3	1	2/8/2008 10:57:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 10:57:00 AM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 10:57:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 10:57:00 AM
Cyclohexane	23.4	5.25		ug/m3	10	2/8/2008 11:30:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 10:57:00 AM
Ethyl acetate	1.50	0.916		ug/m3	1	2/8/2008 10:57:00 AM
Ethylbenzene	0.839	0.662		ug/m3	1	2/8/2008 10:57:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP4-SVI
Lab Order:	C0802002	**Tag Number:**	419, 296
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	1.09	0.857		ug/m3	1	2/8/2008 10:57:00 AM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 10:57:00 AM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 10:57:00 AM
Freon 12	ND	0.754		ug/m3	1	2/8/2008 10:57:00 AM
Heptane	3.12	0.625		ug/m3	1	2/8/2008 10:57:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 10:57:00 AM
Hexane	51.9	5.37		ug/m3	10	2/8/2008 11:30:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 10:57:00 AM
m&p-Xylene	2.12	1.32		ug/m3	1	2/8/2008 10:57:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 10:57:00 AM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 10:57:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 10:57:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 10:57:00 AM
Methylene chloride	0.600	0.530		ug/m3	1	2/8/2008 10:57:00 AM
o-Xylene	0.706	0.662		ug/m3	1	2/8/2008 10:57:00 AM
Propylene	ND	0.262		ug/m3	1	2/8/2008 10:57:00 AM
Styrene	1.39	0.649		ug/m3	1	2/8/2008 10:57:00 AM
Tetrachloroethylene	1.59	1.03		ug/m3	1	2/8/2008 10:57:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 10:57:00 AM
Toluene	16.1	5.75		ug/m3	10	2/8/2008 11:30:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 10:57:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 10:57:00 AM
Trichloroethene	0.218	0.218		ug/m3	1	2/8/2008 10:57:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 10:57:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 10:57:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/8/2008 10:57:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP5-SVI
Lab Order:	C0802002	**Tag Number:**	78, 147
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-2			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2,4-Trimethylbenzene	0.280	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
2,2,4-trimethylpentane	0.140	0.150	J	ppbV	1	2/8/2008 12:05:00 PM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Acetone	11.1	3.00		ppbV	10	2/9/2008 11:02:00 PM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Benzene	1.19	0.150		ppbV	1	2/8/2008 12:05:00 PM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Bromoform	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Carbon disulfide	2.70	1.50		ppbV	10	2/9/2008 11:02:00 PM
Carbon tetrachloride	0.0400	0.0400		ppbV	1	2/8/2008 12:05:00 PM
Chlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Chloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Chloroform	0.230	0.150		ppbV	1	2/8/2008 12:05:00 PM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Cyclohexane	3.10	1.50		ppbV	10	2/9/2008 11:02:00 PM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Ethyl acetate	13.0	2.50		ppbV	10	2/9/2008 11:02:00 PM
Ethylbenzene	0.240	0.150		ppbV	1	2/8/2008 12:05:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP5-SVI
Lab Order:	C0802002	**Tag Number:**	78, 147
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	1.07	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 113	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 114	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 12	0.280	0.150		ppbV	1	2/8/2008 12:05:00 PM
Heptane	1.52	0.150		ppbV	1	2/8/2008 12:05:00 PM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Hexane	5.30	1.50		ppbV	10	2/9/2008 11:02:00 PM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
m&p-Xylene	0.740	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Methylene chloride	0.130	0.150	J	ppbV	1	2/8/2008 12:05:00 PM
o-Xylene	0.250	0.150		ppbV	1	2/8/2008 12:05:00 PM
Propylene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Styrene	1.00	0.150		ppbV	1	2/8/2008 12:05:00 PM
Tetrachloroethylene	0.240	0.150		ppbV	1	2/8/2008 12:05:00 PM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Toluene	1.30	1.50	J	ppbV	10	2/9/2008 11:02:00 PM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Trichloroethene	0.0600	0.0400		ppbV	1	2/8/2008 12:05:00 PM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Vinyl chloride	0.320	0.0400		ppbV	1	2/8/2008 12:05:00 PM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/8/2008 12:05:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP5-SVI
Lab Order:	C0802002	**Tag Number:**	78, 147
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 12:05:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 12:05:00 PM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 12:05:00 PM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 12:05:00 PM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/8/2008 12:05:00 PM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 12:05:00 PM
1,2,4-Trimethylbenzene	1.40	0.749		ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 12:05:00 PM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 12:05:00 PM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 12:05:00 PM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:05:00 PM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:05:00 PM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 12:05:00 PM
2,2,4-trimethylpentane	0.665	0.712	J	ug/m3	1	2/8/2008 12:05:00 PM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 12:05:00 PM
Acetone	26.8	7.24		ug/m3	10	2/9/2008 11:02:00 PM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 12:05:00 PM
Benzene	3.86	0.487		ug/m3	1	2/8/2008 12:05:00 PM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 12:05:00 PM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 12:05:00 PM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 12:05:00 PM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 12:05:00 PM
Carbon disulfide	8.55	4.75		ug/m3	10	2/9/2008 11:02:00 PM
Carbon tetrachloride	0.256	0.256		ug/m3	1	2/8/2008 12:05:00 PM
Chlorobenzene	ND	0.702		ug/m3	1	2/8/2008 12:05:00 PM
Chloroethane	ND	0.402		ug/m3	1	2/8/2008 12:05:00 PM
Chloroform	1.14	0.744		ug/m3	1	2/8/2008 12:05:00 PM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 12:05:00 PM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:05:00 PM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:05:00 PM
Cyclohexane	10.8	5.25		ug/m3	10	2/9/2008 11:02:00 PM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 12:05:00 PM
Ethyl acetate	47.6	9.16		ug/m3	10	2/9/2008 11:02:00 PM
Ethylbenzene	1.06	0.662		ug/m3	1	2/8/2008 12:05:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP5-SVI
Lab Order:	C0802002	**Tag Number:**	78, 147
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	6.11	0.857		ug/m3	1	2/8/2008 12:05:00 PM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 12:05:00 PM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 12:05:00 PM
Freon 12	1.41	0.754		ug/m3	1	2/8/2008 12:05:00 PM
Heptane	6.33	0.625		ug/m3	1	2/8/2008 12:05:00 PM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 12:05:00 PM
Hexane	19.0	5.37		ug/m3	10	2/9/2008 11:02:00 PM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 12:05:00 PM
m&p-Xylene	3.27	1.32		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:05:00 PM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 12:05:00 PM
Methylene chloride	0.459	0.530	J	ug/m3	1	2/8/2008 12:05:00 PM
o-Xylene	1.10	0.662		ug/m3	1	2/8/2008 12:05:00 PM
Propylene	ND	0.262		ug/m3	1	2/8/2008 12:05:00 PM
Styrene	4.33	0.649		ug/m3	1	2/8/2008 12:05:00 PM
Tetrachloroethylene	1.65	1.03		ug/m3	1	2/8/2008 12:05:00 PM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 12:05:00 PM
Toluene	4.98	5.75	J	ug/m3	10	2/9/2008 11:02:00 PM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:05:00 PM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:05:00 PM
Trichloroethene	0.328	0.218		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl chloride	0.831	0.104		ug/m3	1	2/8/2008 12:05:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP3-SVI
Lab Order:	C0802002	**Tag Number:**	84, 186
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-2			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2,4-Trimethylbenzene	0.290	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
2,2,4-trimethylpentane	0.170	0.150		ppbV	1	2/8/2008 12:39:00 PM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Acetone	10.3	3.00		ppbV	10	2/10/2008 12:08:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Benzene	0.920	0.150		ppbV	1	2/8/2008 12:39:00 PM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromoform	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Carbon disulfide	0.870	0.150		ppbV	1	2/8/2008 12:39:00 PM
Carbon tetrachloride	0.0500	0.0400		ppbV	1	2/8/2008 12:39:00 PM
Chlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloroform	0.190	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Cyclohexane	1.10	1.50	J	ppbV	10	2/10/2008 12:08:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Ethyl acetate	12.7	2.50		ppbV	10	2/10/2008 12:08:00 AM
Ethylbenzene	0.370	0.150		ppbV	1	2/8/2008 12:39:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP3-SVI
Lab Order:	C0802002	**Tag Number:**	84, 186
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	1.05	0.150		ppbV	1	2/8/2008 12:39:00 PM
Freon 113	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Freon 114	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Freon 12	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Heptane	1.19	0.150		ppbV	1	2/8/2008 12:39:00 PM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Hexane	2.50	1.50		ppbV	10	2/10/2008 12:08:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
m&p-Xylene	1.28	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Methylene chloride	0.240	0.150		ppbV	1	2/8/2008 12:39:00 PM
o-Xylene	0.440	0.150		ppbV	1	2/8/2008 12:39:00 PM
Propylene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Styrene	1.12	0.150		ppbV	1	2/8/2008 12:39:00 PM
Tetrachloroethylene	1.50	1.50		ppbV	10	2/10/2008 12:08:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Toluene	1.70	1.50		ppbV	10	2/10/2008 12:08:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Trichloroethene	0.0800	0.0400		ppbV	1	2/8/2008 12:39:00 PM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Vinyl chloride	ND	0.0400		ppbV	1	2/8/2008 12:39:00 PM
Surr: Bromofluorobenzene	137	70-130	S	%REC	1	2/8/2008 12:39:00 PM
Surr: Bromofluorobenzene	73.0	70-130		%REC	10	2/10/2008 12:08:00 AM

NOTES:

* Based on the chromatographic evidence, it appears that the contamination is from a fuel.

Surrogate reported in original analysis and dilutions.

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP3-SVI
Lab Order:	C0802002	**Tag Number:**	84, 186
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 12:39:00 PM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 12:39:00 PM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 12:39:00 PM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/8/2008 12:39:00 PM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 12:39:00 PM
1,2,4-Trimethylbenzene	1.45	0.749		ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 12:39:00 PM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 12:39:00 PM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:39:00 PM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:39:00 PM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 12:39:00 PM
2,2,4-trimethylpentane	0.807	0.712		ug/m3	1	2/8/2008 12:39:00 PM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 12:39:00 PM
Acetone	24.9	7.24		ug/m3	10	2/10/2008 12:08:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 12:39:00 PM
Benzene	2.99	0.487		ug/m3	1	2/8/2008 12:39:00 PM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 12:39:00 PM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 12:39:00 PM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 12:39:00 PM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 12:39:00 PM
Carbon disulfide	2.75	0.475		ug/m3	1	2/8/2008 12:39:00 PM
Carbon tetrachloride	0.320	0.256		ug/m3	1	2/8/2008 12:39:00 PM
Chlorobenzene	ND	0.702		ug/m3	1	2/8/2008 12:39:00 PM
Chloroethane	ND	0.402		ug/m3	1	2/8/2008 12:39:00 PM
Chloroform	0.943	0.744		ug/m3	1	2/8/2008 12:39:00 PM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:39:00 PM
Cyclohexane	3.85	5.25	J	ug/m3	10	2/10/2008 12:08:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 12:39:00 PM
Ethyl acetate	46.5	9.16		ug/m3	10	2/10/2008 12:08:00 AM
Ethylbenzene	1.63	0.662		ug/m3	1	2/8/2008 12:39:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP3-SVI
Lab Order:	C0802002	**Tag Number:**	84, 186
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	6.00	0.857		ug/m3	1	2/8/2008 12:39:00 PM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 12:39:00 PM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 12:39:00 PM
Freon 12	ND	0.754		ug/m3	1	2/8/2008 12:39:00 PM
Heptane	4.96	0.625		ug/m3	1	2/8/2008 12:39:00 PM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 12:39:00 PM
Hexane	8.96	5.37		ug/m3	10	2/10/2008 12:08:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 12:39:00 PM
m&p-Xylene	5.65	1.32		ug/m3	1	2/8/2008 12:39:00 PM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:39:00 PM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 12:39:00 PM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:39:00 PM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 12:39:00 PM
Methylene chloride	0.847	0.530		ug/m3	1	2/8/2008 12:39:00 PM
o-Xylene	1.94	0.662		ug/m3	1	2/8/2008 12:39:00 PM
Propylene	ND	0.262		ug/m3	1	2/8/2008 12:39:00 PM
Styrene	4.85	0.649		ug/m3	1	2/8/2008 12:39:00 PM
Tetrachloroethylene	10.3	10.3		ug/m3	10	2/10/2008 12:08:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 12:39:00 PM
Toluene	6.51	5.75		ug/m3	10	2/10/2008 12:08:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:39:00 PM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:39:00 PM
Trichloroethene	0.437	0.218		ug/m3	1	2/8/2008 12:39:00 PM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 12:39:00 PM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 12:39:00 PM
Vinyl chloride	ND	0.104		ug/m3	1	2/8/2008 12:39:00 PM

NOTES:

* Based on the chromatographic evidence, it appears that the contamination is from a fuel.
Surrogate reported in original analysis and dilutions.

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP1-SVI
Lab Order:	C0802002	**Tag Number:**	90, 392
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-3			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	0.220	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,1-Dichloroethane	7.40	3.00		ppbV	20	2/8/2008 2:14:00 PM
1,1-Dichloroethene	230	192		ppbV	1280	2/10/2008 11:13:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2,4-Trimethylbenzene	0.290	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM
2,2,4-trimethylpentane	0.900	0.150		ppbV	1	2/8/2008 1:13:00 PM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Acetone	18.0	6.00		ppbV	20	2/8/2008 2:14:00 PM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Benzene	2.80	3.00	J	ppbV	20	2/8/2008 2:14:00 PM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Bromoform	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Carbon disulfide	13.4	3.00		ppbV	20	2/8/2008 2:14:00 PM
Carbon tetrachloride	0.0400	0.0400		ppbV	1	2/8/2008 1:13:00 PM
Chlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Chloroethane	1.67	0.150		ppbV	1	2/8/2008 1:13:00 PM
Chloroform	0.220	0.150		ppbV	1	2/8/2008 1:13:00 PM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
cis-1,2-Dichloroethene	704	192		ppbV	1280	2/10/2008 11:13:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Cyclohexane	4.80	3.00		ppbV	20	2/8/2008 2:14:00 PM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Ethyl acetate	53.2	10.0		ppbV	40	2/8/2008 2:51:00 PM
Ethylbenzene	0.250	0.150		ppbV	1	2/8/2008 1:13:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP1-SVI
Lab Order:	C0802002	**Tag Number:**	90, 392
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.690	0.150		ppbV	1	2/8/2008 1:13:00 PM
Freon 113	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Freon 114	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Freon 12	0.150	0.150		ppbV	1	2/8/2008 1:13:00 PM
Heptane	1.32	0.150		ppbV	1	2/8/2008 1:13:00 PM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Hexane	18.6	3.00		ppbV	20	2/8/2008 2:14:00 PM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
m&p-Xylene	0.780	0.300		ppbV	1	2/8/2008 1:13:00 PM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Methylene chloride	0.600	0.150		ppbV	1	2/8/2008 1:13:00 PM
o-Xylene	0.240	0.150		ppbV	1	2/8/2008 1:13:00 PM
Propylene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Styrene	1.06	0.150		ppbV	1	2/8/2008 1:13:00 PM
Tetrachloroethylene	1.34	0.150		ppbV	1	2/8/2008 1:13:00 PM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Toluene	3.60	3.00		ppbV	20	2/8/2008 2:14:00 PM
trans-1,2-Dichloroethene	36.0	3.00		ppbV	20	2/8/2008 2:14:00 PM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Trichloroethene	72.4	1.60		ppbV	40	2/8/2008 2:51:00 PM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Vinyl chloride	19500	410		ppbV	10240	2/10/2008 12:19:00 PM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/8/2008 1:13:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP1-SVI
Lab Order:	C0802002	**Tag Number:**	90, 392
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	1.22	0.832		ug/m3	1	2/8/2008 1:13:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 1:13:00 PM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 1:13:00 PM
1,1-Dichloroethane	30.4	12.3		ug/m3	20	2/8/2008 2:14:00 PM
1,1-Dichloroethene	929	774		ug/m3	1280	2/10/2008 11:13:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 1:13:00 PM
1,2,4-Trimethylbenzene	1.45	0.749		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 1:13:00 PM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 1:13:00 PM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 1:13:00 PM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 1:13:00 PM
2,2,4-trimethylpentane	4.27	0.712		ug/m3	1	2/8/2008 1:13:00 PM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 1:13:00 PM
Acetone	43.5	14.5		ug/m3	20	2/8/2008 2:14:00 PM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 1:13:00 PM
Benzene	9.09	9.74	J	ug/m3	20	2/8/2008 2:14:00 PM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 1:13:00 PM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 1:13:00 PM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 1:13:00 PM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 1:13:00 PM
Carbon disulfide	42.4	9.50		ug/m3	20	2/8/2008 2:14:00 PM
Carbon tetrachloride	0.256	0.256		ug/m3	1	2/8/2008 1:13:00 PM
Chlorobenzene	ND	0.702		ug/m3	1	2/8/2008 1:13:00 PM
Chloroethane	4.48	0.402		ug/m3	1	2/8/2008 1:13:00 PM
Chloroform	1.09	0.744		ug/m3	1	2/8/2008 1:13:00 PM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 1:13:00 PM
cis-1,2-Dichloroethene	2840	774		ug/m3	1280	2/10/2008 11:13:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 1:13:00 PM
Cyclohexane	16.8	10.5		ug/m3	20	2/8/2008 2:14:00 PM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 1:13:00 PM
Ethyl acetate	195	36.6		ug/m3	40	2/8/2008 2:51:00 PM
Ethylbenzene	1.10	0.662		ug/m3	1	2/8/2008 1:13:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP1-SVI
Lab Order:	C0802002	**Tag Number:**	90, 392
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
Freon 11	3.94	0.857		ug/m3	1	2/8/2008 1:13:00 PM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 1:13:00 PM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 1:13:00 PM
Freon 12	0.754	0.754		ug/m3	1	2/8/2008 1:13:00 PM
Heptane	5.50	0.625		ug/m3	1	2/8/2008 1:13:00 PM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 1:13:00 PM
Hexane	66.6	10.7		ug/m3	20	2/8/2008 2:14:00 PM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 1:13:00 PM
m&p-Xylene	3.44	1.32		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 1:13:00 PM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 1:13:00 PM
Methylene chloride	2.12	0.530		ug/m3	1	2/8/2008 1:13:00 PM
o-Xylene	1.06	0.662		ug/m3	1	2/8/2008 1:13:00 PM
Propylene	ND	0.262		ug/m3	1	2/8/2008 1:13:00 PM
Styrene	4.59	0.649		ug/m3	1	2/8/2008 1:13:00 PM
Tetrachloroethylene	9.24	1.03		ug/m3	1	2/8/2008 1:13:00 PM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 1:13:00 PM
Toluene	13.8	11.5		ug/m3	20	2/8/2008 2:14:00 PM
trans-1,2-Dichloroethene	145	12.1		ug/m3	20	2/8/2008 2:14:00 PM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 1:13:00 PM
Trichloroethene	395	8.74		ug/m3	40	2/8/2008 2:51:00 PM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 1:13:00 PM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 1:13:00 PM
Vinyl chloride	50600	1070		ug/m3	10240	2/10/2008 12:19:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVI
Lab Order:	C0802002	**Tag Number:**	463, 79
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-4			"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2,4-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
2,2,4-trimethylpentane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Acetone	5.40	3.00		ppbV	10	2/10/2008 1:48:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Benzene	0.200	0.150		ppbV	1	2/10/2008 1:15:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Bromoform	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Bromomethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Carbon disulfide	0.340	0.150		ppbV	1	2/10/2008 1:15:00 AM
Carbon tetrachloride	ND	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Chlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Chloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Chloroform	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Chloromethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
cis-1,2-Dichloroethene	0.360	0.150		ppbV	1	2/10/2008 1:15:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Cyclohexane	0.490	0.150		ppbV	1	2/10/2008 1:15:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Ethyl acetate	1.71	0.250		ppbV	1	2/10/2008 1:15:00 AM
Ethylbenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVI
Lab Order:	C0802002	**Tag Number:**	463, 79
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.120	0.150	J	ppbV	1	2/10/2008 1:15:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Freon 12	0.200	0.150		ppbV	1	2/10/2008 1:15:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Hexane	0.230	0.150		ppbV	1	2/10/2008 1:15:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
m&p-Xylene	0.100	0.300	J	ppbV	1	2/10/2008 1:15:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
Methyl Ethyl Ketone	0.210	0.300	J	ppbV	1	2/10/2008 1:15:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Methylene chloride	0.110	0.150	J	ppbV	1	2/10/2008 1:15:00 AM
o-Xylene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Styrene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Tetrachloroethylene	2.20	1.50		ppbV	10	2/10/2008 1:48:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Toluene	0.640	0.150		ppbV	1	2/10/2008 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Trichloroethene	0.500	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Surr: Bromofluorobenzene	81.0	70-130		%REC	1	2/10/2008 1:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVI
Lab Order:	C0802002	**Tag Number:**	463, 79
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 1:15:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 1:15:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 1:15:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 1:15:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 1:15:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 1:15:00 AM
1,2,4-Trimethylbenzene	ND	0.749		ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 1:15:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 1:15:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 1:15:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 1:15:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 1:15:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 1:15:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 1:15:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 1:15:00 AM
Acetone	13.0	7.24		ug/m3	10	2/10/2008 1:48:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 1:15:00 AM
Benzene	0.649	0.487		ug/m3	1	2/10/2008 1:15:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 1:15:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 1:15:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 1:15:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 1:15:00 AM
Carbon disulfide	1.08	0.475		ug/m3	1	2/10/2008 1:15:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 1:15:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 1:15:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 1:15:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 1:15:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 1:15:00 AM
cis-1,2-Dichloroethene	1.45	0.604		ug/m3	1	2/10/2008 1:15:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 1:15:00 AM
Cyclohexane	1.71	0.525		ug/m3	1	2/10/2008 1:15:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 1:15:00 AM
Ethyl acetate	6.26	0.916		ug/m3	1	2/10/2008 1:15:00 AM
Ethylbenzene	ND	0.662		ug/m3	1	2/10/2008 1:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVI
Lab Order:	C0802002	**Tag Number:**	463, 79
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.685	0.857	J	ug/m3	1	2/10/2008 1:15:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 1:15:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 1:15:00 AM
Freon 12	1.01	0.754		ug/m3	1	2/10/2008 1:15:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 1:15:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 1:15:00 AM
Hexane	0.824	0.537		ug/m3	1	2/10/2008 1:15:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 1:15:00 AM
m&p-Xylene	0.441	1.32	J	ug/m3	1	2/10/2008 1:15:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 1:15:00 AM
Methyl Ethyl Ketone	0.630	0.899	J	ug/m3	1	2/10/2008 1:15:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 1:15:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 1:15:00 AM
Methylene chloride	0.388	0.530	J	ug/m3	1	2/10/2008 1:15:00 AM
o-Xylene	ND	0.662		ug/m3	1	2/10/2008 1:15:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 1:15:00 AM
Styrene	ND	0.649		ug/m3	1	2/10/2008 1:15:00 AM
Tetrachloroethylene	15.2	10.3		ug/m3	10	2/10/2008 1:48:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 1:15:00 AM
Toluene	2.45	0.575		ug/m3	1	2/10/2008 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 1:15:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 1:15:00 AM
Trichloroethene	2.73	0.218		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 1:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVIOD
Lab Order:	C0802002	**Tag Number:**	415, 400
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-2			"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2,4-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/10/2008 2:55:00 AM
2,2,4-trimethylpentane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Acetone	5.20	3.00		ppbV	10	2/10/2008 3:27:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Benzene	0.240	0.150		ppbV	1	2/10/2008 2:55:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Bromoform	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Bromomethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Carbon disulfide	0.600	0.150		ppbV	1	2/10/2008 2:55:00 AM
Carbon tetrachloride	ND	0.0400		ppbV	1	2/10/2008 2:55:00 AM
Chlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Chloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Chloroform	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Chloromethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
cis-1,2-Dichloroethene	0.190	0.150		ppbV	1	2/10/2008 2:55:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Cyclohexane	0.620	0.150		ppbV	1	2/10/2008 2:55:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Ethyl acetate	0.710	0.250		ppbV	1	2/10/2008 2:55:00 AM
Ethylbenzene	0.210	0.150		ppbV	1	2/10/2008 2:55:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVIOD
Lab Order:	C0802002	**Tag Number:**	415, 400
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.210	0.150		ppbV	1	2/10/2008 2:55:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Freon 12	0.230	0.150		ppbV	1	2/10/2008 2:55:00 AM
Heptane	0.110	0.150	J	ppbV	1	2/10/2008 2:55:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Hexane	0.520	0.150		ppbV	1	2/10/2008 2:55:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
m&p-Xylene	0.520	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl Ethyl Ketone	0.840	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Methylene chloride	0.200	0.150		ppbV	1	2/10/2008 2:55:00 AM
o-Xylene	0.170	0.150		ppbV	1	2/10/2008 2:55:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Styrene	0.290	0.150		ppbV	1	2/10/2008 2:55:00 AM
Tetrachloroethylene	0.260	0.150		ppbV	1	2/10/2008 2:55:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Toluene	2.30	1.50		ppbV	10	2/10/2008 3:27:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Trichloroethene	0.130	0.0400		ppbV	1	2/10/2008 2:55:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 2:55:00 AM
Surr: Bromofluorobenzene	92.0	70-130		%REC	1	2/10/2008 2:55:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVIOD
Lab Order:	C0802002	**Tag Number:**	415, 400
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 2:55:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 2:55:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 2:55:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 2:55:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 2:55:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 2:55:00 AM
1,2,4-Trimethylbenzene	ND	0.749		ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 2:55:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 2:55:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 2:55:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 2:55:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 2:55:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 2:55:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 2:55:00 AM
Acetone	12.6	7.24		ug/m3	10	2/10/2008 3:27:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 2:55:00 AM
Benzene	0.779	0.487		ug/m3	1	2/10/2008 2:55:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 2:55:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 2:55:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 2:55:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 2:55:00 AM
Carbon disulfide	1.90	0.475		ug/m3	1	2/10/2008 2:55:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 2:55:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 2:55:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 2:55:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 2:55:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 2:55:00 AM
cis-1,2-Dichloroethene	0.766	0.604		ug/m3	1	2/10/2008 2:55:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 2:55:00 AM
Cyclohexane	2.17	0.525		ug/m3	1	2/10/2008 2:55:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 2:55:00 AM
Ethyl acetate	2.60	0.916		ug/m3	1	2/10/2008 2:55:00 AM
Ethylbenzene	0.927	0.662		ug/m3	1	2/10/2008 2:55:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVIOD
Lab Order:	C0802002	**Tag Number:**	415, 400
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	1.20	0.857		ug/m3	1	2/10/2008 2:55:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 2:55:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 2:55:00 AM
Freon 12	1.16	0.754		ug/m3	1	2/10/2008 2:55:00 AM
Heptane	0.458	0.625	J	ug/m3	1	2/10/2008 2:55:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 2:55:00 AM
Hexane	1.86	0.537		ug/m3	1	2/10/2008 2:55:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 2:55:00 AM
m&p-Xylene	2.30	1.32		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Ethyl Ketone	2.52	0.899		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 2:55:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 2:55:00 AM
Methylene chloride	0.706	0.530		ug/m3	1	2/10/2008 2:55:00 AM
o-Xylene	0.750	0.662		ug/m3	1	2/10/2008 2:55:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 2:55:00 AM
Styrene	1.26	0.649		ug/m3	1	2/10/2008 2:55:00 AM
Tetrachloroethylene	1.79	1.03		ug/m3	1	2/10/2008 2:55:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 2:55:00 AM
Toluene	8.81	5.75		ug/m3	10	2/10/2008 3:27:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 2:55:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 2:55:00 AM
Trichloroethene	0.710	0.218		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 2:55:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP8-SVI
Lab Order:	C0802002	**Tag Number:**	412, 63
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-007A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-2			"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2,4-Trimethylbenzene	0.150	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
2,2,4-trimethylpentane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Acetone	3.40	3.00		ppbV	10	2/10/2008 5:07:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Benzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Bromoform	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Bromomethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Carbon disulfide	0.150	0.150		ppbV	1	2/10/2008 4:34:00 AM
Carbon tetrachloride	ND	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Chlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Chloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Chloroform	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Chloromethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Cyclohexane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Ethyl acetate	0.240	0.250	J	ppbV	1	2/10/2008 4:34:00 AM
Ethylbenzene	0.270	0.150		ppbV	1	2/10/2008 4:34:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP8-SVI
Lab Order:	C0802002	**Tag Number:**	412, 63
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-007A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.120	0.150	J	ppbV	1	2/10/2008 4:34:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Freon 12	0.260	0.150		ppbV	1	2/10/2008 4:34:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Hexane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
m&p-Xylene	0.860	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Ethyl Ketone	1.21	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Methylene chloride	0.140	0.150	J	ppbV	1	2/10/2008 4:34:00 AM
o-Xylene	0.300	0.150		ppbV	1	2/10/2008 4:34:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Styrene	0.690	0.150		ppbV	1	2/10/2008 4:34:00 AM
Tetrachloroethylene	0.180	0.150		ppbV	1	2/10/2008 4:34:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Toluene	6.10	1.50		ppbV	10	2/10/2008 5:07:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Trichloroethene	0.0400	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	2/10/2008 4:34:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP8-SVI
Lab Order:	C0802002	**Tag Number:**	412, 63
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-007A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 4:34:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 4:34:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 4:34:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 4:34:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 4:34:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 4:34:00 AM
1,2,4-Trimethylbenzene	0.749	0.749		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 4:34:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 4:34:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 4:34:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 4:34:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 4:34:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 4:34:00 AM
Acetone	8.21	7.24		ug/m3	10	2/10/2008 5:07:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 4:34:00 AM
Benzene	ND	0.487		ug/m3	1	2/10/2008 4:34:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 4:34:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 4:34:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 4:34:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 4:34:00 AM
Carbon disulfide	0.475	0.475		ug/m3	1	2/10/2008 4:34:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 4:34:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 4:34:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 4:34:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 4:34:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 4:34:00 AM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 4:34:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 4:34:00 AM
Cyclohexane	ND	0.525		ug/m3	1	2/10/2008 4:34:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 4:34:00 AM
Ethyl acetate	0.879	0.916	J	ug/m3	1	2/10/2008 4:34:00 AM
Ethylbenzene	1.19	0.662		ug/m3	1	2/10/2008 4:34:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP8-SVI
Lab Order:	C0802002	**Tag Number:**	412, 63
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-007A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.685	0.857	J	ug/m3	1	2/10/2008 4:34:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 4:34:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 4:34:00 AM
Freon 12	1.31	0.754		ug/m3	1	2/10/2008 4:34:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 4:34:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 4:34:00 AM
Hexane	ND	0.537		ug/m3	1	2/10/2008 4:34:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 4:34:00 AM
m&p-Xylene	3.80	1.32		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Ethyl Ketone	3.63	0.899		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 4:34:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 4:34:00 AM
Methylene chloride	0.494	0.530	J	ug/m3	1	2/10/2008 4:34:00 AM
o-Xylene	1.32	0.662		ug/m3	1	2/10/2008 4:34:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 4:34:00 AM
Styrene	2.99	0.649		ug/m3	1	2/10/2008 4:34:00 AM
Tetrachloroethylene	1.24	1.03		ug/m3	1	2/10/2008 4:34:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 4:34:00 AM
Toluene	23.4	5.75		ug/m3	10	2/10/2008 5:07:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 4:34:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 4:34:00 AM
Trichloroethene	0.218	0.218		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 4:34:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP11-SVI
Lab Order:	C0802002	**Tag Number:**	422, 175
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-008A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-3			"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2,4-Trimethylbenzene	0.140	0.150	J	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/10/2008 6:14:00 AM
2,2,4-trimethylpentane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Acetone	4.50	3.00		ppbV	10	2/10/2008 6:47:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Benzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Bromoform	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Bromomethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Carbon disulfide	0.380	0.150		ppbV	1	2/10/2008 6:14:00 AM
Carbon tetrachloride	ND	0.0400		ppbV	1	2/10/2008 6:14:00 AM
Chlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Chloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Chloroform	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Chloromethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Cyclohexane	1.09	0.150		ppbV	1	2/10/2008 6:14:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Ethyl acetate	0.600	0.250		ppbV	1	2/10/2008 6:14:00 AM
Ethylbenzene	0.300	0.150		ppbV	1	2/10/2008 6:14:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP11-SVI
Lab Order:	C0802002	**Tag Number:**	422, 175
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-008A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.150	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 12	0.250	0.150		ppbV	1	2/10/2008 6:14:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Hexane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
m&p-Xylene	1.02	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl Ethyl Ketone	2.00	3.00	J	ppbV	10	2/10/2008 6:47:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Methylene chloride	0.430	0.150		ppbV	1	2/10/2008 6:14:00 AM
o-Xylene	0.380	0.150		ppbV	1	2/10/2008 6:14:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Styrene	1.00	0.150		ppbV	1	2/10/2008 6:14:00 AM
Tetrachloroethylene	0.150	0.150		ppbV	1	2/10/2008 6:14:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Toluene	25.2	6.00		ppbV	40	2/10/2008 7:20:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Trichloroethene	ND	0.0400		ppbV	1	2/10/2008 6:14:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Vinyl chloride	0.0900	0.0400		ppbV	1	2/10/2008 6:14:00 AM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	2/10/2008 6:14:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP11-SVI
Lab Order:	C0802002	**Tag Number:**	422, 175
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-008A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 6:14:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 6:14:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 6:14:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 6:14:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 6:14:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 6:14:00 AM
1,2,4-Trimethylbenzene	0.700	0.749	J	ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 6:14:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 6:14:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 6:14:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 6:14:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 6:14:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 6:14:00 AM
Acetone	10.9	7.24		ug/m3	10	2/10/2008 6:47:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 6:14:00 AM
Benzene	ND	0.487		ug/m3	1	2/10/2008 6:14:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 6:14:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 6:14:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 6:14:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 6:14:00 AM
Carbon disulfide	1.20	0.475		ug/m3	1	2/10/2008 6:14:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 6:14:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 6:14:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 6:14:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 6:14:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 6:14:00 AM
Cyclohexane	3.81	0.525		ug/m3	1	2/10/2008 6:14:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 6:14:00 AM
Ethyl acetate	2.20	0.916		ug/m3	1	2/10/2008 6:14:00 AM
Ethylbenzene	1.32	0.662		ug/m3	1	2/10/2008 6:14:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP11-SVI
Lab Order:	C0802002	**Tag Number:**	422, 175
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-008A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.857	0.857		ug/m3	1	2/10/2008 6:14:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 6:14:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 6:14:00 AM
Freon 12	1.26	0.754		ug/m3	1	2/10/2008 6:14:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 6:14:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 6:14:00 AM
Hexane	ND	0.537		ug/m3	1	2/10/2008 6:14:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 6:14:00 AM
m&p-Xylene	4.50	1.32		ug/m3	1	2/10/2008 6:14:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 6:14:00 AM
Methyl Ethyl Ketone	6.00	8.99	J	ug/m3	10	2/10/2008 6:47:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 6:14:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 6:14:00 AM
Methylene chloride	1.52	0.530		ug/m3	1	2/10/2008 6:14:00 AM
o-Xylene	1.68	0.662		ug/m3	1	2/10/2008 6:14:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 6:14:00 AM
Styrene	4.33	0.649		ug/m3	1	2/10/2008 6:14:00 AM
Tetrachloroethylene	1.03	1.03		ug/m3	1	2/10/2008 6:14:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 6:14:00 AM
Toluene	96.5	23.0		ug/m3	40	2/10/2008 7:20:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 6:14:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 6:14:00 AM
Trichloroethene	ND	0.218		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl chloride	0.234	0.104		ug/m3	1	2/10/2008 6:14:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

QUALITY CONTROL SUMMARY

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143
Test No: TO-15 **Matrix:** A

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	BR4FBZ							
C0802002-001A	93.0							
C0802002-002A	103							
C0802002-003A	73.0							
C0802002-004A	103							
C0802002-005A	81.0							
C0802002-006A	92.0							
C0802002-007A	90.0							
C0802002-008A	90.0							
LCS1UT-020708	104							
LCS1UT-020908	103							
MB1UT-020708	78.0							
MB1UT-020908	77.0							

Acronym	Surrogate	QC Limits
BR4FBZ	= Bromofluorobenzene	70-130

*** Surrogate recovery outside acceptance limits**

1

GC/MS QA-QC Check Report

Tune File : C:\msdchem\1\DATA\BD020703.D
Tune Time : 7 Feb 2008 4:54 pm

Daily Calibration File : C:\msdchem\1\DATA\BD020703.D

File	Sample	Surrogate Recovery %	Internal Standard Responses		
			17935	41936	44241
BD020704.D	LCS1UT-020708				
		104	18945	46162	48915
BD020705.D	MB1UT-020708				
		78	24238	58976	59468
BD020733.D	C0802002-001A				
		93	20898	63555*	66974*
BD020734.D	C0802002-001A 10X				
		78	17778	46320	45557
BD020735.D	C0802002-002A				
		103	21869	62329*	80430*
BD020736.D	C0802002-003A				
		137*	22512	62825*	79914*
BD020737.D	C0802002-004A				
		103	27655*	88805*	97537*
BD020738.D	C0802002-004A 20X				
		82	23465	61842*	56691
BD020739.D	C0802002-004A 40X				
		79	21527	49831	48131

(fails) - fails 24hr time check * - fails criteria

Created: Thu Feb 28 11:53:15 2008 MSD #2

GC/MS QA-QC Check Report

Tune File : C:\msdchem\1\DATA\BD020902.D
Tune Time : 9 Feb 2008 5:30 pm

Daily Calibration File : C:\msdchem\1\DATA\BD020902.D

File	Sample	Surrogate Recovery %	Internal Standard Responses		
			18107	40671	43627
BD020904.D	MB1UT-020908	77	24357	53829	55389
BD020905.D	LCS1UT-020908	103	20594	45668	49303
BD020912.D	C0802002-002A 10X	72	31910*	77416*	79817*
BD020913.D	C0802002-002A 40X	73	29289*	68027*	70916*
BD020914.D	C0802002-003A 10X	73	29927*	70956*	79504*
BD020915.D	C0802002-003A 40X	74	28945*	65849*	69701*
BD020916.D	C0802002-005A	81	26594*	68914*	72977*
BD020917.D	C0802002-005A 10X	74	23961	54070	57052
BD020918.D	C0802002-005A 40X	72	20470	43400	45922
BD020919.D	C0802002-006A	92	24494	61373*	75114*
BD020920.D	C0802002-006A 10X	76	23183	51704	57773
BD020921.D	C0802002-006A 40X	77	21762	50841	52328
BD020922.D	C0802002-007A	90	22400	51932	68147*
BD020923.D	C0802002-007A 10X	74	19613	45788	50140
BD020924.D	C0802002-007A 40X	69*	18635	40971	42775
BD020925.D	C0802002-008A	90	23214	55511	68977*
BD020926.D	C0802002-008A 10X	76	20733	46347	51140
BD020927.D	C0802002-008A 40X	74	19586	42303	47375
BD020934.D	C0802002-004A 1280X	72	18465	39490	42195

BD020935.D	C0802002-004A 2560X			
	74	18376	37527	40451
BD020936.D	C0802002-004A 10240X			
	78	16245	35012	36271

(fails) - fails 24hr time check * - fails criteria

Created: Mon Mar 24 17:58:32 2008 MSD #2

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020708** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1488**
Client ID: **ZZZZZ** Batch ID: **R1488** TestNo: **TO-15** Analysis Date: **2/7/2008** SeqNo: **22145**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.110	0.150	1	0	111	70	130				
1,1,2,2-Tetrachloroethane	0.9800	0.150	1	0	98.0	70	130				
1,1,2-Trichloroethane	1.070	0.150	1	0	107	70	130				
1,1-Dichloroethane	1.100	0.150	1	0	110	70	130				
1,1-Dichloroethene	1.720	0.150	1	0	172	70	130				S
1,2,4-Trichlorobenzene	1.050	0.150	1	0	105	70	130				
1,2,4-Trimethylbenzene	1.020	0.150	1	0	102	70	130				
1,2-Dibromoethane	1.050	0.150	1	0	105	70	130				
1,2-Dichlorobenzene	1.140	0.150	1	0	114	70	130				
1,2-Dichloroethane	1.070	0.150	1	0	107	70	130				
1,2-Dichloropropane	1.090	0.150	1	0	109	70	130				
1,3,5-Trimethylbenzene	1.140	0.150	1	0	114	70	130				
1,3-butadiene	1.230	0.150	1	0	123	70	130				
1,3-Dichlorobenzene	1.090	0.150	1	0	109	70	130				
1,4-Dichlorobenzene	1.140	0.150	1	0	114	70	130				
1,4-Dioxane	1.020	0.300	1	0	102	70	130				
2,2,4-trimethylpentane	1.180	0.150	1	0	118	70	130				
4-ethyltoluene	1.140	0.150	1	0	114	70	130				
Acetone	1.040	0.300	1	0	104	70	130				
Allyl chloride	1.520	0.150	1	0	152	70	130				S
Benzene	1.120	0.150	1	0	112	70	130				
Benzyl chloride	1.260	0.150	1	0	126	70	130				
Bromodichloromethane	1.100	0.150	1	0	110	70	130				
Bromoform	1.000	0.150	1	0	100	70	130				
Bromomethane	1.130	0.150	1	0	113	70	130				
Carbon disulfide	1.280	0.150	1	0	128	70	130				
Carbon tetrachloride	1.100	0.0400	1	0	110	70	130				
Chlorobenzene	1.030	0.150	1	0	103	70	130				
Chloroethane	1.180	0.150	1	0	118	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020708** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1488**
Client ID: **ZZZZZ** Batch ID: **R1488** TestNo: **TO-15** Analysis Date: **2/7/2008** SeqNo: **22145**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	1.050	0.150	1	0	105	70	130				
Chloromethane	1.220	0.150	1	0	122	70	130				
cis-1,2-Dichloroethene	1.030	0.150	1	0	103	70	130				
cis-1,3-Dichloropropene	1.260	0.150	1	0	126	70	130				
Cyclohexane	1.150	0.150	1	0	115	70	130				
Dibromochloromethane	1.060	0.150	1	0	106	70	130				
Ethyl acetate	1.240	0.250	1	0	124	70	130				
Ethylbenzene	1.110	0.150	1	0	111	70	130				
Freon 11	1.280	0.150	1	0	128	70	130				
Freon 113	1.300	0.150	1	0	130	70	130				
Freon 114	1.120	0.150	1	0	112	70	130				
Freon 12	1.060	0.150	1	0	106	70	130				
Heptane	1.220	0.150	1	0	122	70	130				
Hexachloro-1,3-butadiene	0.9800	0.150	1	0	98.0	70	130				
Hexane	1.300	0.150	1	0	130	70	130				
Isopropyl alcohol	1.470	0.150	1	0	147	70	130				S
m&p-Xylene	2.340	0.300	2	0	117	70	130				
Methyl Butyl Ketone	1.220	0.300	1	0	122	70	130				
Methyl Ethyl Ketone	1.280	0.300	1	0	128	70	130				
Methyl Isobutyl Ketone	1.150	0.300	1	0	115	70	130				
Methyl tert-butyl ether	1.300	0.150	1	0	130	70	130				
Methylene chloride	1.110	0.150	1	0	111	70	130				
o-Xylene	1.190	0.150	1	0	119	70	130				
Propylene	1.440	0.150	1	0	144	70	130				S
Styrene	1.080	0.150	1	0	108	70	130				
Tetrachloroethylene	1.030	0.150	1	0	103	70	130				
Tetrahydrofuran	1.230	0.150	1	0	123	70	130				
Toluene	1.100	0.150	1	0	110	70	130				
trans-1,2-Dichloroethene	1.180	0.150	1	0	118	70	130				
trans-1,3-Dichloropropene	1.100	0.150	1	0	110	70	130				
Trichloroethene	1.060	0.0400	1	0	106	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020708**	SampType: **LCS**	TestCode: **0.25CT-TCE-**	Units: **ppbV**	Prep Date:	RunNo: **1488**
Client ID: **ZZZZZ**	Batch ID: **R1488**	TestNo: **TO-15**		Analysis Date: **2/7/2008**	SeqNo: **22145**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl acetate	1.120	0.150	1	0	112	70	130				
Vinyl Bromide	1.220	0.150	1	0	122	70	130				
Vinyl chloride	1.080	0.0400	1	0	108	70	130				
Surr: Bromofluorobenzene	1.040	0	1	0	104	70	130				

Sample ID: **LCS1UT-020908**	SampType: **LCS**	TestCode: **0.25CT-TCE-**	Units: **ppbV**	Prep Date:	RunNo: **1490**
Client ID: **ZZZZZ**	Batch ID: **R1490**	TestNo: **TO-15**		Analysis Date: **2/9/2008**	SeqNo: **22177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.020	0.150	1	0	102	70	130				
1,1,2,2-Tetrachloroethane	0.8700	0.150	1	0	87.0	70	130				
1,1,2-Trichloroethane	1.030	0.150	1	0	103	70	130				
1,1-Dichloroethane	0.8400	0.150	1	0	84.0	70	130				
1,1-Dichloroethene	1.100	0.150	1	0	110	70	130				
1,2,4-Trichlorobenzene	0.6100	0.150	1	0	61.0	70	130				S
1,2,4-Trimethylbenzene	0.8800	0.150	1	0	88.0	70	130				
1,2-Dibromoethane	0.9300	0.150	1	0	93.0	70	130				
1,2-Dichlorobenzene	1.020	0.150	1	0	102	70	130				
1,2-Dichloroethane	0.8000	0.150	1	0	80.0	70	130				
1,2-Dichloropropane	0.9000	0.150	1	0	90.0	70	130				
1,3,5-Trimethylbenzene	0.9800	0.150	1	0	98.0	70	130				
1,3-butadiene	0.8400	0.150	1	0	84.0	70	130				
1,3-Dichlorobenzene	1.010	0.150	1	0	101	70	130				
1,4-Dichlorobenzene	0.9600	0.150	1	0	96.0	70	130				
1,4-Dioxane	1.030	0.300	1	0	103	70	130				
2,2,4-trimethylpentane	0.9100	0.150	1	0	91.0	70	130				
4-ethyltoluene	0.9200	0.150	1	0	92.0	70	130				
Acetone	0.7000	0.300	1	0	70.0	70	130				
Allyl chloride	0.8500	0.150	1	0	85.0	70	130				
Benzene	0.9100	0.150	1	0	91.0	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020908** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1490**
Client ID: **ZZZZZ** Batch ID: **R1490** TestNo: **TO-15** Analysis Date: **2/9/2008** SeqNo: **22177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl chloride	0.9200	0.150	1	0	92.0	70	130				
Bromodichloromethane	1.030	0.150	1	0	103	70	130				
Bromoform	1.000	0.150	1	0	100	70	130				
Bromomethane	0.8500	0.150	1	0	85.0	70	130				
Carbon disulfide	1.020	0.150	1	0	102	70	130				
Carbon tetrachloride	1.080	0.0400	1	0	108	70	130				
Chlorobenzene	0.9200	0.150	1	0	92.0	70	130				
Chloroethane	0.8600	0.150	1	0	86.0	70	130				
Chloroform	0.8700	0.150	1	0	87.0	70	130				
Chloromethane	0.9300	0.150	1	0	93.0	70	130				
cis-1,2-Dichloroethene	0.7400	0.150	1	0	74.0	70	130				
cis-1,3-Dichloropropene	1.030	0.150	1	0	103	70	130				
Cyclohexane	0.8600	0.150	1	0	86.0	70	130				
Dibromochloromethane	0.9900	0.150	1	0	99.0	70	130				
Ethyl acetate	0.8000	0.250	1	0	80.0	70	130				
Ethylbenzene	0.9400	0.150	1	0	94.0	70	130				
Freon 11	0.9000	0.150	1	0	90.0	70	130				
Freon 113	0.9600	0.150	1	0	96.0	70	130				
Freon 114	0.9100	0.150	1	0	91.0	70	130				
Freon 12	0.8100	0.150	1	0	81.0	70	130				
Heptane	0.8300	0.150	1	0	83.0	70	130				
Hexachloro-1,3-butadiene	0.7200	0.150	1	0	72.0	70	130				
Hexane	0.7700	0.150	1	0	77.0	70	130				
Isopropyl alcohol	0.8400	0.150	1	0	84.0	70	130				
m&p-Xylene	1.990	0.300	2	0	99.5	70	130				
Methyl Butyl Ketone	0.8200	0.300	1	0	82.0	70	130				
Methyl Ethyl Ketone	0.8600	0.300	1	0	86.0	70	130				
Methyl Isobutyl Ketone	0.7700	0.300	1	0	77.0	70	130				
Methyl tert-butyl ether	0.9600	0.150	1	0	96.0	70	130				
Methylene chloride	0.9100	0.150	1	0	91.0	70	130				
o-Xylene	0.9700	0.150	1	0	97.0	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020908** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1490**
Client ID: **ZZZZZ** Batch ID: **R1490** TestNo: **TO-15** Analysis Date: **2/9/2008** SeqNo: **22177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	0.7100	0.150	1	0	71.0	70	130				
Styrene	0.9000	0.150	1	0	90.0	70	130				
Tetrachloroethylene	1.020	0.150	1	0	102	70	130				
Tetrahydrofuran	0.7300	0.150	1	0	73.0	70	130				
Toluene	0.9300	0.150	1	0	93.0	70	130				
trans-1,2-Dichloroethene	0.8700	0.150	1	0	87.0	70	130				
trans-1,3-Dichloropropene	0.9100	0.150	1	0	91.0	70	130				
Trichloroethene	1.040	0.0400	1	0	104	70	130				
Vinyl acetate	0.7700	0.150	1	0	77.0	70	130				
Vinyl Bromide	0.8200	0.150	1	0	82.0	70	130				
Vinyl chloride	0.8400	0.0400	1	0	84.0	70	130				
Surr: Bromofluorobenzene	1.030	0	1	0	103	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **MB1UT-020708** SampType: **MBLK** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1488**
Client ID: **ZZZZZ** Batch ID: **R1488** TestNo: **TO-15** Analysis Date: **2/7/2008** SeqNo: **22144**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.150									
1,1,2,2-Tetrachloroethane	ND	0.150									
1,1,2-Trichloroethane	ND	0.150									
1,1-Dichloroethane	ND	0.150									
1,1-Dichloroethene	ND	0.150									
1,2,4-Trichlorobenzene	ND	0.150									
1,2,4-Trimethylbenzene	ND	0.150									
1,2-Dibromoethane	ND	0.150									
1,2-Dichlorobenzene	ND	0.150									
1,2-Dichloroethane	ND	0.150									
1,2-Dichloropropane	ND	0.150									
1,3,5-Trimethylbenzene	ND	0.150									
1,3-butadiene	ND	0.150									
1,3-Dichlorobenzene	ND	0.150									
1,4-Dichlorobenzene	ND	0.150									
1,4-Dioxane	ND	0.300									
2,2,4-trimethylpentane	ND	0.150									
4-ethyltoluene	ND	0.150									
Acetone	ND	0.300									
Allyl chloride	ND	0.150									
Benzene	ND	0.150									
Benzyl chloride	ND	0.150									
Bromodichloromethane	ND	0.150									
Bromoform	ND	0.150									
Bromomethane	ND	0.150									
Carbon disulfide	ND	0.150									
Carbon tetrachloride	ND	0.0400									
Chlorobenzene	ND	0.150									
Chloroethane	ND	0.150									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **MB1UT-020708**	SampType: **MBLK**	TestCode: **0.25CT-TCE-**	Units: **ppbV**	Prep Date:	RunNo: **1488**
Client ID: **ZZZZZ**	Batch ID: **R1488**	TestNo: **TO-15**		Analysis Date: **2/7/2008**	SeqNo: **22144**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.150									
Chloromethane	ND	0.150									
cis-1,2-Dichloroethene	ND	0.150									
cis-1,3-Dichloropropene	ND	0.150									
Cyclohexane	ND	0.150									
Dibromochloromethane	ND	0.150									
Ethyl acetate	ND	0.250									
Ethylbenzene	ND	0.150									
Freon 11	ND	0.150									
Freon 113	ND	0.150									
Freon 114	ND	0.150									
Freon 12	ND	0.150									
Heptane	ND	0.150									
Hexachloro-1,3-butadiene	ND	0.150									
Hexane	ND	0.150									
Isopropyl alcohol	ND	0.150									
m&p-Xylene	ND	0.300									
Methyl Butyl Ketone	ND	0.300									
Methyl Ethyl Ketone	ND	0.300									
Methyl Isobutyl Ketone	ND	0.300									
Methyl tert-butyl ether	ND	0.150									
Methylene chloride	ND	0.150									
o-Xylene	ND	0.150									
Propylene	ND	0.150									
Styrene	ND	0.150									
Tetrachloroethylene	ND	0.150									
Tetrahydrofuran	ND	0.150									
Toluene	ND	0.150									
trans-1,2-Dichloroethene	ND	0.150									
trans-1,3-Dichloropropene	ND	0.150									
Trichloroethene	ND	0.0400									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: MB1UT-020708	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 1488
Client ID: ZZZZZ	Batch ID: R1488	TestNo: TO-15		Analysis Date: 2/7/2008	SeqNo: 22144

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl acetate	ND	0.150									
Vinyl Bromide	ND	0.150									
Vinyl chloride	ND	0.0400									
Surr: Bromofluorobenzene	0.7800	0	1	0	78.0	70	130				

Sample ID: MB1UT-020908	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 1490
Client ID: ZZZZZ	Batch ID: R1490	TestNo: TO-15		Analysis Date: 2/9/2008	SeqNo: 22176

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.150									
1,1,2,2-Tetrachloroethane	ND	0.150									
1,1,2-Trichloroethane	ND	0.150									
1,1-Dichloroethane	ND	0.150									
1,1-Dichloroethene	ND	0.150									
1,2,4-Trichlorobenzene	ND	0.150									
1,2,4-Trimethylbenzene	ND	0.150									
1,2-Dibromoethane	ND	0.150									
1,2-Dichlorobenzene	ND	0.150									
1,2-Dichloroethane	ND	0.150									
1,2-Dichloropropane	ND	0.150									
1,3,5-Trimethylbenzene	ND	0.150									
1,3-butadiene	ND	0.150									
1,3-Dichlorobenzene	ND	0.150									
1,4-Dichlorobenzene	ND	0.150									
1,4-Dioxane	ND	0.300									
2,2,4-trimethylpentane	ND	0.150									
4-ethyltoluene	ND	0.150									
Acetone	ND	0.300									
Allyl chloride	ND	0.150									
Benzene	ND	0.150									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **MB1UT-020908**	SampType: **MBLK**	TestCode: **0.25CT-TCE-**	Units: **ppbV**	Prep Date:	RunNo: **1490**
Client ID: **ZZZZZ**	Batch ID: **R1490**	TestNo: **TO-15**		Analysis Date: **2/9/2008**	SeqNo: **22176**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl chloride	ND	0.150									
Bromodichloromethane	ND	0.150									
Bromoform	ND	0.150									
Bromomethane	ND	0.150									
Carbon disulfide	ND	0.150									
Carbon tetrachloride	ND	0.0400									
Chlorobenzene	ND	0.150									
Chloroethane	ND	0.150									
Chloroform	ND	0.150									
Chloromethane	ND	0.150									
cis-1,2-Dichloroethene	ND	0.150									
cis-1,3-Dichloropropene	ND	0.150									
Cyclohexane	ND	0.150									
Dibromochloromethane	ND	0.150									
Ethyl acetate	ND	0.250									
Ethylbenzene	ND	0.150									
Freon 11	ND	0.150									
Freon 113	ND	0.150									
Freon 114	ND	0.150									
Freon 12	ND	0.150									
Heptane	ND	0.150									
Hexachloro-1,3-butadiene	ND	0.150									
Hexane	ND	0.150									
Isopropyl alcohol	ND	0.150									
m&p-Xylene	ND	0.300									
Methyl Butyl Ketone	ND	0.300									
Methyl Ethyl Ketone	ND	0.300									
Methyl Isobutyl Ketone	ND	0.300									
Methyl tert-butyl ether	ND	0.150									
Methylene chloride	ND	0.150									
o-Xylene	ND	0.150									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **MB1UT-020908** SampType: **MBLK** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1490**
Client ID: **ZZZZZ** Batch ID: **R1490** TestNo: **TO-15** Analysis Date: **2/9/2008** SeqNo: **22176**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	ND	0.150									
Styrene	ND	0.150									
Tetrachloroethylene	ND	0.150									
Tetrahydrofuran	ND	0.150									
Toluene	ND	0.150									
trans-1,2-Dichloroethene	ND	0.150									
trans-1,3-Dichloropropene	ND	0.150									
Trichloroethene	ND	0.0400									
Vinyl acetate	ND	0.150									
Vinyl Bromide	ND	0.150									
Vinyl chloride	ND	0.0400									
Surr: Bromofluorobenzene	0.7700	0	1	0	77.0	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

Name	Amount	IDL #1	IDL #2	IDL #3	IDL #4	IDL #5	IDL #6	IDL #7	Avg	Stdev	%Rec	IDL
Propylene	0.300	0.280	0.270	0.270	0.290	0.270	0.270	0.270	0.274	0.008	91.3	0.025
Freon 12	0.300	0.310	0.310	0.290	0.300	0.290	0.290	0.290	0.297	0.010	99.0	0.031
Chloromethane	0.300	0.330	0.290	0.290	0.320	0.280	0.300	0.310	0.303	0.018	101.0	0.057
Freon 114	0.300	0.310	0.300	0.280	0.290	0.290	0.290	0.290	0.293	0.010	97.7	0.031
Vinyl Chloride	0.300	0.290	0.300	0.320	0.280	0.280	0.290	0.300	0.294	0.014	98.0	0.044
1,3-butadiene	0.300	0.310	0.300	0.310	0.310	0.280	0.310	0.380	0.314	0.031	104.7	0.097
Bromomethane	0.300	0.340	0.310	0.290	0.320	0.270	0.280	0.330	0.306	0.026	102.0	0.082
Chloroethane	0.300	0.330	0.310	0.280	0.310	0.330	0.290	0.320	0.310	0.019	103.3	0.060
Ethanol	0.300	0.300	0.310	0.320	0.290	0.250	0.280	0.330	0.297	0.027	99.0	0.085
Vinyl Bromide	0.300	0.300	0.310	0.280	0.300	0.290	0.280	0.300	0.294	0.011	98.0	0.035
Freon 11	0.300	0.310	0.300	0.300	0.300	0.300	0.300	0.310	0.303	0.005	101.0	0.016
Acetone	0.300	0.270	0.300	0.300	0.280	0.310	0.300	0.310	0.296	0.015	98.7	0.047
Isopropyl alcohol	0.300	0.300	0.320	0.320	0.280	0.310	0.280	0.310	0.303	0.017	101.0	0.053
1,1-dichloroethene	0.300	0.330	0.370	0.290	0.320	0.300	0.290	0.320	0.317	0.028	105.7	0.088
Freon 113	0.300	0.320	0.350	0.300	0.300	0.290	0.300	0.300	0.309	0.020	103.0	0.063
t-Butyl alcohol	0.300	0.270	0.290	0.280	0.290	0.300	0.310	0.260	0.286	0.017	95.3	0.053
Methylene chloride	0.300	0.320	0.340	0.360	0.300	0.350	0.390	0.310	0.339	0.031	113.0	0.097
Allyl chloride	0.300	0.320	0.340	0.310	0.290	0.290	0.290	0.320	0.309	0.020	103.0	0.063
Carbon disulfide	0.300	0.320	0.370	0.370	0.350	0.380	0.380	0.350	0.360	0.022	120.0	0.069
trans-1,2-dichloroethene	0.300	0.300	0.300	0.280	0.280	0.280	0.290	0.290	0.289	0.009	96.3	0.028
methyl tert-butyl ether	0.300	0.280	0.290	0.290	0.300	0.290	0.320	0.240	0.287	0.024	95.7	0.075
1,1-dichloroethane	0.300	0.310	0.300	0.290	0.300	0.280	0.280	0.290	0.293	0.011	97.7	0.035
Vinyl acetate	0.300	0.280	0.300	0.290	0.300	0.300	0.270	0.290	0.290	0.012	96.7	0.038
Methyl Ethyl Ketone	0.300	0.300	0.320	0.270	0.270	0.300	0.270	0.290	0.289	0.020	96.3	0.063
cis-1,2-dichloroethene	0.300	0.290	0.280	0.270	0.270	0.260	0.260	0.270	0.271	0.011	90.3	0.035
Hexane	0.300	0.280	0.300	0.260	0.290	0.240	0.250	0.280	0.271	0.022	90.3	0.069
Ethyl acetate	0.300	0.320	0.330	0.340	0.320	0.310	0.260	0.330	0.316	0.026	105.3	0.082
Chloroform	0.300	0.300	0.310	0.290	0.300	0.280	0.290	0.290	0.294	0.010	98.0	0.031
Tetrahydrofuran	0.300	0.330	0.340	0.340	0.320	0.320	0.300	0.330	0.326	0.014	108.7	0.044
1,2-dichloroethane	0.300	0.310	0.290	0.290	0.270	0.280	0.270	0.290	0.286	0.014	95.3	0.044
1,1,1-trichloroethane	0.300	0.320	0.310	0.310	0.300	0.300	0.300	0.310	0.307	0.008	102.3	0.025
Cyclohexane	0.300	0.270	0.290	0.270	0.250	0.250	0.260	0.280	0.267	0.015	89.0	0.047
Carbon tetrachloride	0.300	0.320	0.310	0.290	0.290	0.300	0.300	0.290	0.300	0.012	100.0	0.038
Benzene	0.300	0.310	0.290	0.280	0.280	0.270	0.280	0.270	0.283	0.014	94.3	0.044

Name	Amount	IDL #1	IDL #2	IDL #3	IDL #4	IDL #5	IDL #6	IDL #7	Avg	Stdev	%Rec	IDL
1,4-dioxane	0.300	0.330	0.270	0.330	0.290	0.280	0.310	0.340	0.307	0.028	102.3	0.088
2,2,4-trimethylpentane	0.300	0.280	0.260	0.250	0.260	0.260	0.260	0.260	0.261	0.009	87.0	0.028
Heptane	0.300	0.260	0.320	0.240	0.250	0.260	0.250	0.270	0.264	0.026	88.0	0.082
Trichloroethene	0.300	0.280	0.280	0.270	0.270	0.270	0.280	0.270	0.274	0.005	91.3	0.016
1,2-dichloropropane	0.300	0.290	0.290	0.270	0.280	0.260	0.290	0.290	0.281	0.012	93.7	0.038
Bromodichloromethane	0.300	0.320	0.310	0.300	0.300	0.300	0.300	0.300	0.304	0.008	101.3	0.025
cis-1,3-dichloropropene	0.300	0.290	0.290	0.270	0.270	0.280	0.290	0.250	0.277	0.015	92.3	0.047
trans-1,3-dichloropropene	0.300	0.310	0.290	0.280	0.270	0.270	0.270	0.280	0.281	0.015	93.7	0.047
1,1,2-trichloroethane	0.300	0.310	0.300	0.280	0.280	0.280	0.290	0.280	0.289	0.012	96.3	0.038
Toluene	0.300	0.270	0.250	0.250	0.270	0.260	0.260	0.260	0.260	0.008	86.7	0.025
Methyl Isobutyl Ketone	0.300	0.290	0.280	0.300	0.300	0.280	0.270	0.260	0.283	0.015	94.3	0.047
Dibromochloromethane	0.300	0.320	0.310	0.300	0.300	0.290	0.290	0.290	0.300	0.012	100.0	0.038
Methyl Butyl Ketone	0.300	0.300	0.300	0.300	0.310	0.310	0.300	0.280	0.300	0.010	100.0	0.031
1,2-dibromoethane	0.300	0.310	0.300	0.300	0.280	0.290	0.280	0.290	0.293	0.011	97.7	0.035
Tetrachloroethylene	0.300	0.300	0.300	0.290	0.290	0.290	0.290	0.290	0.293	0.005	97.7	0.016
Chlorobenzene	0.300	0.310	0.300	0.290	0.300	0.270	0.280	0.290	0.291	0.013	97.0	0.041
Ethylbenzene	0.300	0.290	0.290	0.280	0.270	0.260	0.270	0.280	0.277	0.011	92.3	0.035
m&p-xylene	0.600	0.530	0.520	0.520	0.510	0.510	0.510	0.510	0.516	0.008	86.0	0.025
Styrene	0.300	0.280	0.280	0.280	0.270	0.250	0.260	0.290	0.273	0.014	91.0	0.044
Bromoform	0.300	0.290	0.280	0.290	0.280	0.270	0.270	0.280	0.280	0.008	93.3	0.025
o-xylene	0.300	0.290	0.270	0.300	0.300	0.300	0.270	0.300	0.290	0.014	96.7	0.044
Bromofluorobenzene	1.000	0.910	0.920	0.930	0.910	0.900	0.910	0.910	0.913	0.010	91.3	0.031
1,1,2,2-tetrachloroethane	0.300	0.270	0.280	0.280	0.260	0.260	0.260	0.250	0.266	0.011	88.7	0.035
4-ethyltoluene	0.300	0.270	0.260	0.260	0.260	0.250	0.250	0.250	0.257	0.008	85.7	0.025
1,3,5-trimethylbenzene	0.300	0.240	0.280	0.280	0.270	0.270	0.270	0.250	0.266	0.015	88.7	0.047
1,2,4-trimethylbenzene	0.300	0.290	0.340	0.300	0.280	0.290	0.300	0.300	0.300	0.019	100.0	0.060
1,3-dichlorobenzene	0.300	0.250	0.260	0.240	0.240	0.230	0.240	0.240	0.243	0.010	81.0	0.031
benzyl chloride	0.300	0.290	0.240	0.310	0.250	0.280	0.290	0.300	0.280	0.026	93.3	0.082
1,4-dichlorobenzene	0.300	0.250	0.230	0.250	0.240	0.240	0.230	0.220	0.237	0.011	79.0	0.035
1,2-dichlorobenzene	0.300	0.240	0.230	0.280	0.270	0.230	0.280	0.250	0.254	0.022	84.7	0.069
1,2,4-trichlorobenzene	0.300	0.310	0.280	0.330	0.270	0.300	0.300	0.290	0.297	0.020	99.0	0.063
Naphthalene	0.300	0.250	0.310	0.280	0.280	0.280	0.270	0.260	0.276	0.019	92.0	0.060
Hexachloro-1,3-butadiene	0.300	0.260	0.280	0.260	0.260	0.260	0.270	0.250	0.263	0.010	87.7	0.031

Name	Amount	IDL #1	IDL #2	IDL #3	IDL #4	IDL #5	IDL #6	IDL #7	Avg	Stdev	%Rec	IDL
Vinyl Chloride	0.100	0.096	0.108	0.086	0.100	0.112	0.101	0.108	0.102	0.009	102	0.028
Carbon tetrachloride	0.100	0.102	0.098	0.086	0.090	0.093	0.095	0.103	0.095	0.006	95	0.019
Trichloroethene	0.100	0.094	0.091	0.087	0.089	0.090	0.085	0.092	0.090	0.003	90	0.009
Bromofluorobenzene	1.000	0.851	0.869	0.861	0.857	0.843	0.886	0.871	0.863	0.014	86	0.044

GC/MS-Whole Air Calculations

Relative Response Factor (RRF)

$$RRF = \frac{Ax * Cis}{Ais * Cx}$$

where: Ax = area of the characteristic ion for the compound being measured
Ais = area of the characteristic ion for the specific internal standard of the compound being measured
Cx = concentration of the compound being measured (ppbv)
Cis = concentration of the internal standard (ppbv)

Percent Relative Standard Deviation (%RSD)

$$\% RSD = \frac{\text{Standard deviation of RRF values} * 100}{\text{mean RRF}}$$

Percent Difference (%D)

$$\% D = \frac{(RRFc - \text{mean RRFi}) * 100}{\text{mean RRFi}}$$

where: RRFc = relative response factor from the continuing calibration
mean RRFi = mean relative response factor from the initial calibration

Sample Calculations

$$ppbv = \frac{Ax * Is * Df}{Ais * RRF}$$

where: Ax = area of the characteristic ion for the compound being measured
Ais = area of the characteristic ion for the specific internal standard of the compound being measured
Is = Concentration of the internal standard injected (ppbv)
RRF= relative response factor for the compound being measured
Df = Dilution factor

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

SAMPLE DATA

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP4-SVI
Lab Order:	C0802002	**Tag Number:**	419, 296
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-4			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2,4-Trimethylbenzene	0.210	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 10:57:00 AM
2,2,4-trimethylpentane	0.150	0.150		ppbV	1	2/8/2008 10:57:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Acetone	13.1	3.00		ppbV	10	2/8/2008 11:30:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Benzene	0.730	0.150		ppbV	1	2/8/2008 10:57:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Bromoform	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Carbon disulfide	1.18	0.150		ppbV	1	2/8/2008 10:57:00 AM
Carbon tetrachloride	0.0400	0.0400		ppbV	1	2/8/2008 10:57:00 AM
Chlorobenzene	0.140	0.150	J	ppbV	1	2/8/2008 10:57:00 AM
Chloroethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Chloroform	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Cyclohexane	6.70	1.50		ppbV	10	2/8/2008 11:30:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Ethyl acetate	0.410	0.250		ppbV	1	2/8/2008 10:57:00 AM
Ethylbenzene	0.190	0.150		ppbV	1	2/8/2008 10:57:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP4-SVI
Lab Order:	C0802002	**Tag Number:**	419, 296
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.190	0.150		ppbV	1	2/8/2008 10:57:00 AM
Freon 113	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Freon 114	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Freon 12	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Heptane	0.750	0.150		ppbV	1	2/8/2008 10:57:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Hexane	14.5	1.50		ppbV	10	2/8/2008 11:30:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
m&p-Xylene	0.480	0.300		ppbV	1	2/8/2008 10:57:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 10:57:00 AM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 10:57:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 10:57:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Methylene chloride	0.170	0.150		ppbV	1	2/8/2008 10:57:00 AM
o-Xylene	0.160	0.150		ppbV	1	2/8/2008 10:57:00 AM
Propylene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Styrene	0.320	0.150		ppbV	1	2/8/2008 10:57:00 AM
Tetrachloroethylene	0.230	0.150		ppbV	1	2/8/2008 10:57:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Toluene	4.20	1.50		ppbV	10	2/8/2008 11:30:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Trichloroethene	0.0400	0.0400		ppbV	1	2/8/2008 10:57:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 10:57:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/8/2008 10:57:00 AM
Surr: Bromofluorobenzene	93.0	70-130		%REC	1	2/8/2008 10:57:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP4-SVI
Lab Order:	C0802002	**Tag Number:**	419, 296
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 10:57:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 10:57:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 10:57:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 10:57:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/8/2008 10:57:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 10:57:00 AM
1,2,4-Trimethylbenzene	1.05	0.749		ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 10:57:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 10:57:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 10:57:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 10:57:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 10:57:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 10:57:00 AM
2,2,4-trimethylpentane	0.712	0.712		ug/m3	1	2/8/2008 10:57:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 10:57:00 AM
Acetone	31.6	7.24		ug/m3	10	2/8/2008 11:30:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 10:57:00 AM
Benzene	2.37	0.487		ug/m3	1	2/8/2008 10:57:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 10:57:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 10:57:00 AM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 10:57:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 10:57:00 AM
Carbon disulfide	3.73	0.475		ug/m3	1	2/8/2008 10:57:00 AM
Carbon tetrachloride	0.256	0.256		ug/m3	1	2/8/2008 10:57:00 AM
Chlorobenzene	0.655	0.702	J	ug/m3	1	2/8/2008 10:57:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/8/2008 10:57:00 AM
Chloroform	ND	0.744		ug/m3	1	2/8/2008 10:57:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 10:57:00 AM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 10:57:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 10:57:00 AM
Cyclohexane	23.4	5.25		ug/m3	10	2/8/2008 11:30:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 10:57:00 AM
Ethyl acetate	1.50	0.916		ug/m3	1	2/8/2008 10:57:00 AM
Ethylbenzene	0.839	0.662		ug/m3	1	2/8/2008 10:57:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP4-SVI
Lab Order:	C0802002	**Tag Number:**	419, 296
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	1.09	0.857		ug/m3	1	2/8/2008 10:57:00 AM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 10:57:00 AM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 10:57:00 AM
Freon 12	ND	0.754		ug/m3	1	2/8/2008 10:57:00 AM
Heptane	3.12	0.625		ug/m3	1	2/8/2008 10:57:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 10:57:00 AM
Hexane	51.9	5.37		ug/m3	10	2/8/2008 11:30:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 10:57:00 AM
m&p-Xylene	2.12	1.32		ug/m3	1	2/8/2008 10:57:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 10:57:00 AM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 10:57:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 10:57:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 10:57:00 AM
Methylene chloride	0.600	0.530		ug/m3	1	2/8/2008 10:57:00 AM
o-Xylene	0.706	0.662		ug/m3	1	2/8/2008 10:57:00 AM
Propylene	ND	0.262		ug/m3	1	2/8/2008 10:57:00 AM
Styrene	1.39	0.649		ug/m3	1	2/8/2008 10:57:00 AM
Tetrachloroethylene	1.59	1.03		ug/m3	1	2/8/2008 10:57:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 10:57:00 AM
Toluene	16.1	5.75		ug/m3	10	2/8/2008 11:30:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 10:57:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 10:57:00 AM
Trichloroethene	0.218	0.218		ug/m3	1	2/8/2008 10:57:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 10:57:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 10:57:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/8/2008 10:57:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020733.D
Acq On : 8 Feb 2008 10:57 am
Operator :
Sample : C0802002-001A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 13 09:45:08 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

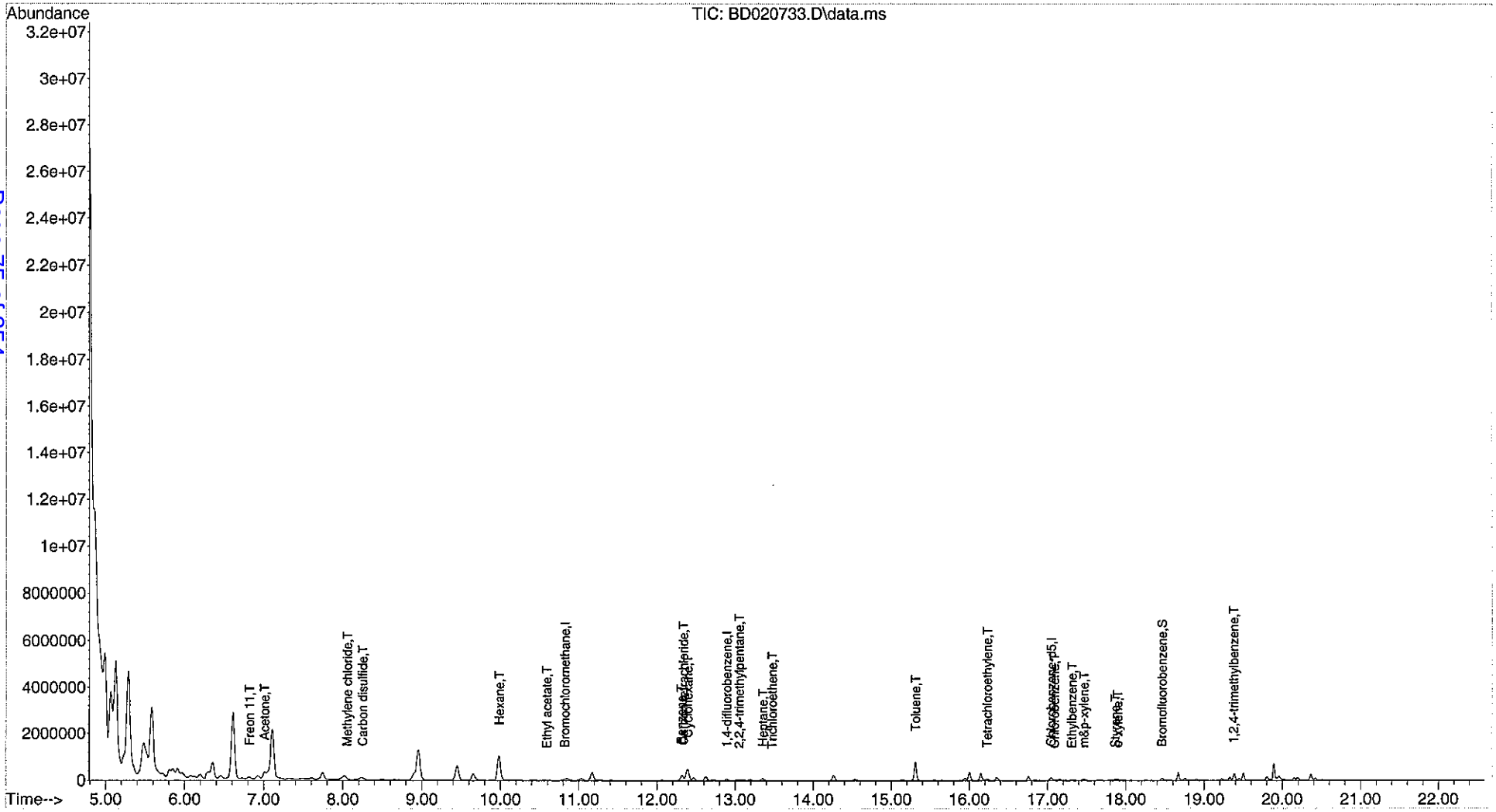
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.818	128	20898	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.892	114	63555	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	66974	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	31881	0.93	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 93.00%				
Target Compounds							Qvalue
11) Freon 11	6.819	101	34915	0.19	ppb		79
12) Acetone	7.008	58	154484	9.13	ppb	#	1
16) Methylene chloride	8.053	84	6787m	0.17	ppb		
18) Carbon disulfide	8.248	76	136161	1.18	ppb		90
25) Hexane	9.983	41	489066	15.32	ppb	#	56
26) Ethyl acetate	10.590	43	18220	0.41	ppb		97
32) Cyclohexane	12.391	56	340646	9.03	ppb		89
33) Carbon tetrachloride	12.334	117	5361	0.04	ppb		97
34) Benzene	12.310	78	72035m	0.73	ppb		
36) 2,2,4-trimethylpentane	13.048	57	19049	0.15	ppb	#	1
37) Heptane	13.351	43	32681	0.75	ppb		91
38) Trichloroethene	13.472	130	2135	0.04	ppb		93
45) Toluene	15.309	92	370004	6.45	ppb		97
50) Tetrachloroethylene	16.227	164	12056	0.23	ppb		96
51) Chlorobenzene	17.086	112	13511	0.14	ppb		96
52) Ethylbenzene	17.311	91	19513	0.19	ppb		93
53) m&p-xylene	17.464	91	48154	0.48	ppb		99
54) Styrene	17.863	104	18465	0.32	ppb		85
56) o-xylene	17.896	91	18019	0.16	ppb		97
61) 1,2,4-trimethylbenzene	19.376	105	15985	0.21	ppb		93

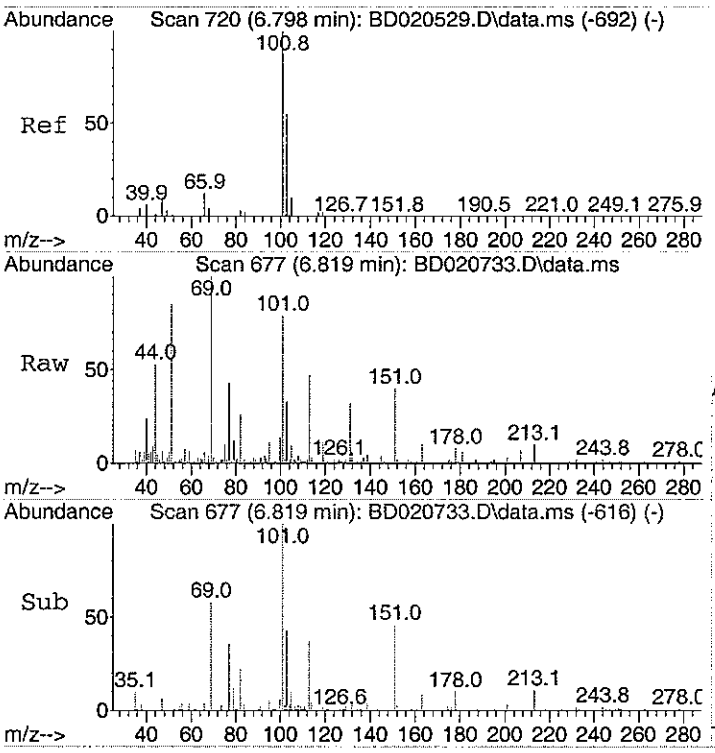
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020733.D
Acq On : 8 Feb 2008 10:57 am
Operator :
Sample : C0802002-001A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 13 09:45:08 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

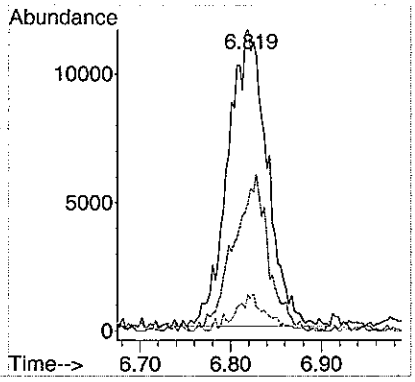


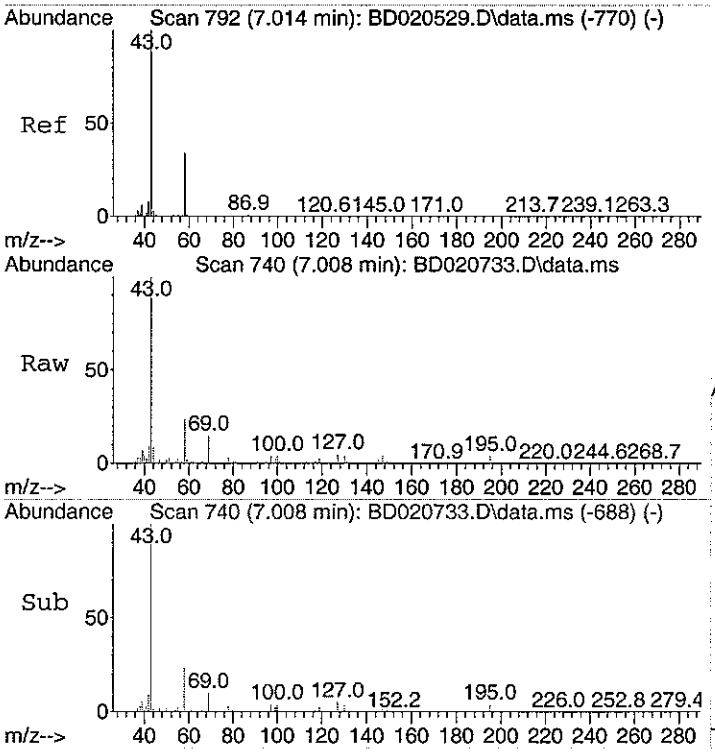


#11
Freon 11
Concen: 0.19 ppb
RT: 6.819 min Scan# 677
Delta R.T. 0.033 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion:101 Resp: 34915

Ion	Ratio	Lower	Upper
101	100		
103	46.8	45.3	85.3
105	8.8	0.0	30.8

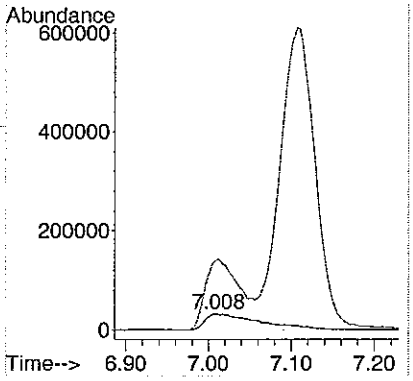


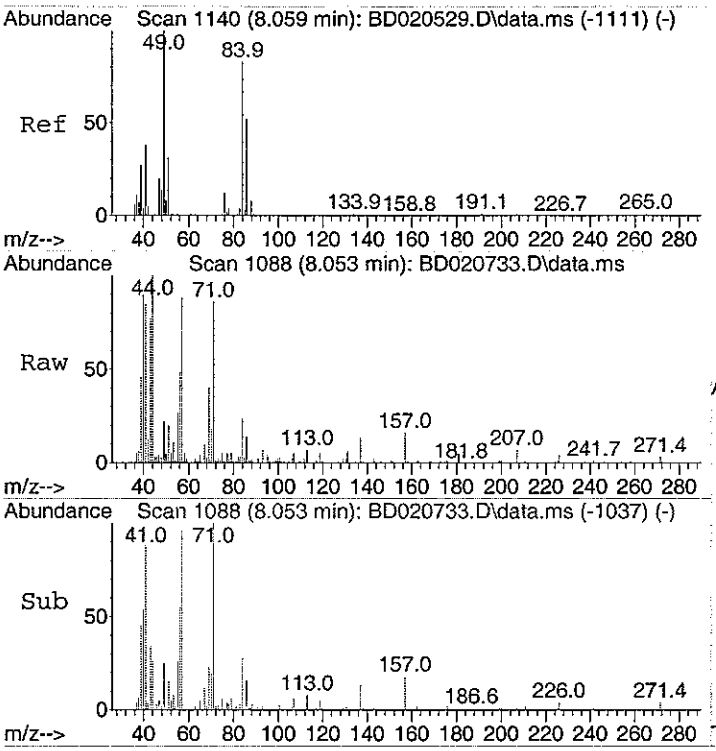


#12
Acetone
Concen: 9.13 ppb
RT: 7.008 min Scan# 740
Delta R.T. 0.006 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 58 Resp: 154484

Ion	Ratio	Lower	Upper
58	100		
43	0.0	385.5	445.5#

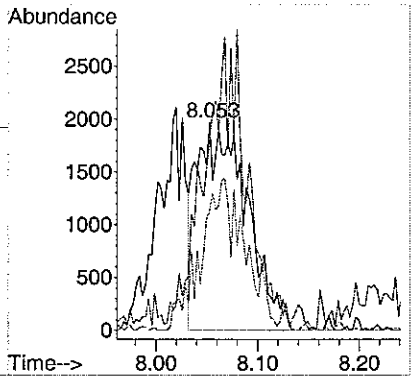


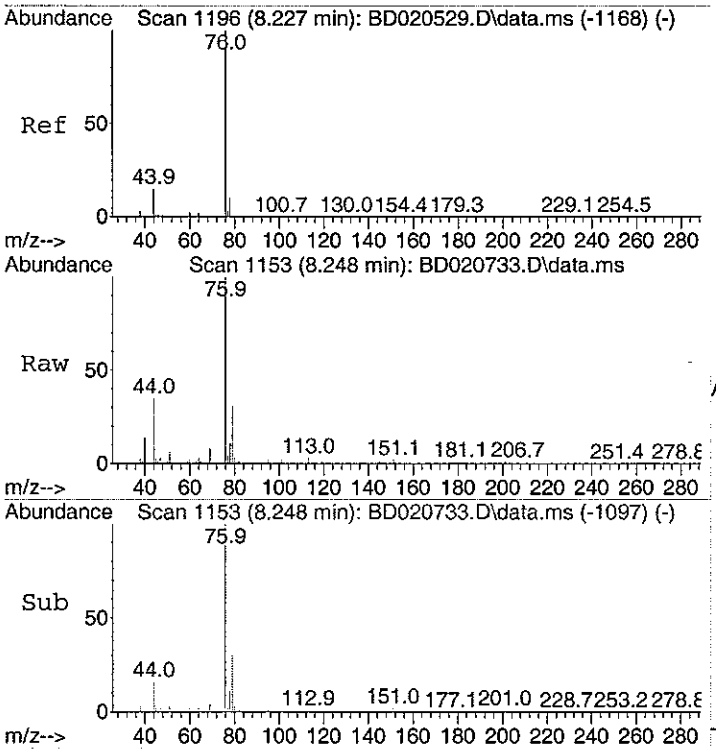


#16
Methylene chloride
Concen: 0.17 ppb m
RT: 8.053 min Scan# 1088
Delta R.T. 0.003 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 84 Resp: 6787

Ion	Ratio	Lower	Upper
84	100		
49	0.0	123.8	163.8#
86	10.5	45.6	85.6#

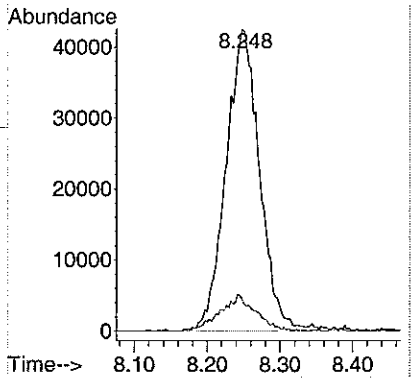


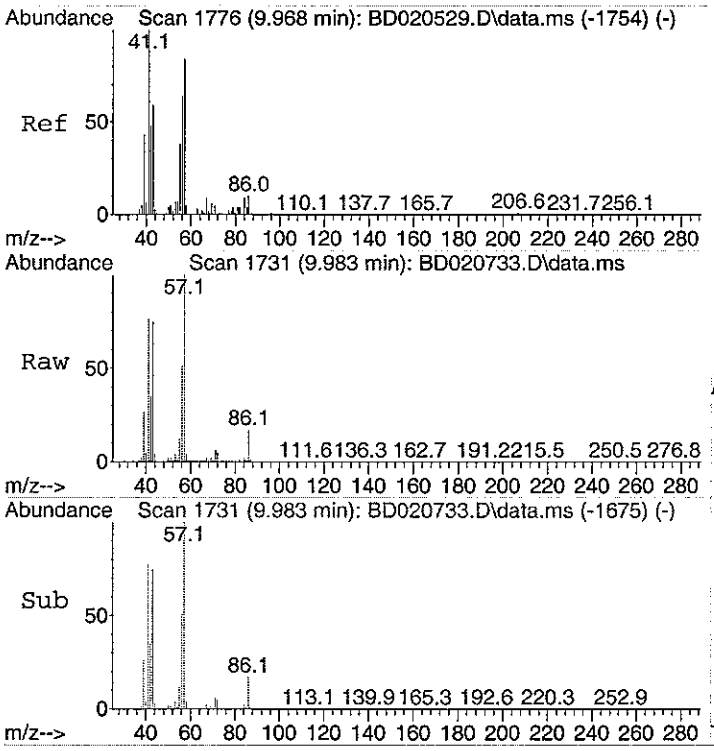


#18
Carbon disulfide
Concen: 1.18 ppb
RT: 8.248 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 76 Resp: 136161

Ion	Ratio	Lower	Upper
76	100		
78	12.9	0.0	29.2

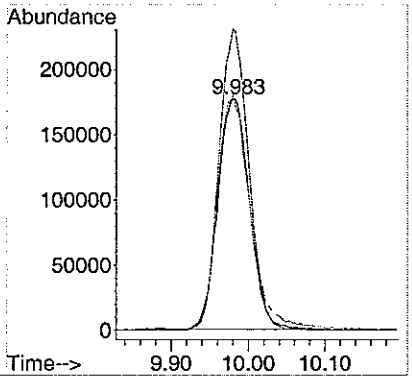


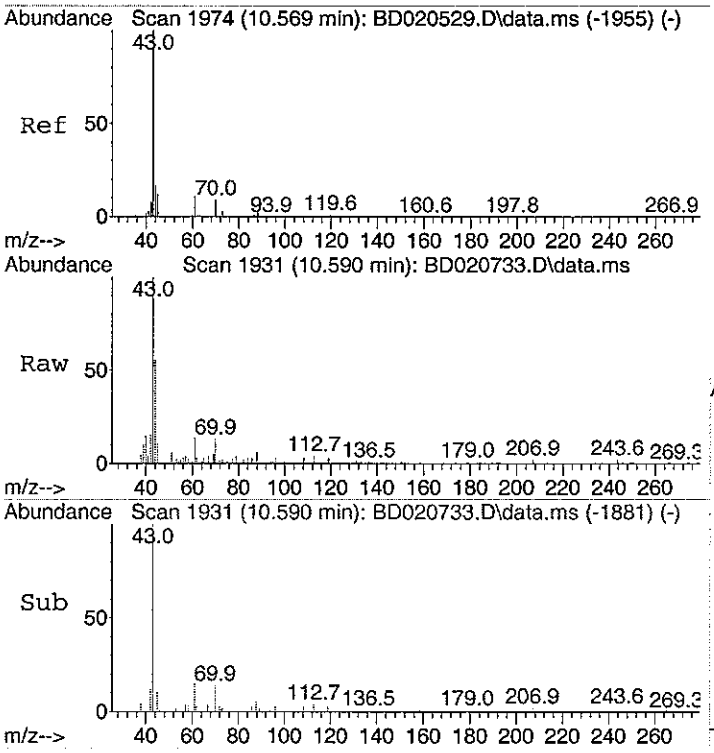


#25
Hexane
Concen: 15.32 ppb
RT: 9.983 min Scan# 1731
Delta R.T. 0.018 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 41 Resp: 489066

Ion	Ratio	Lower	Upper
41	100		
57	121.5	72.3	112.3#
43	105.3	157.2	197.2#

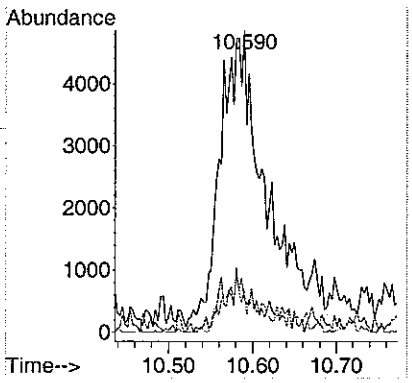


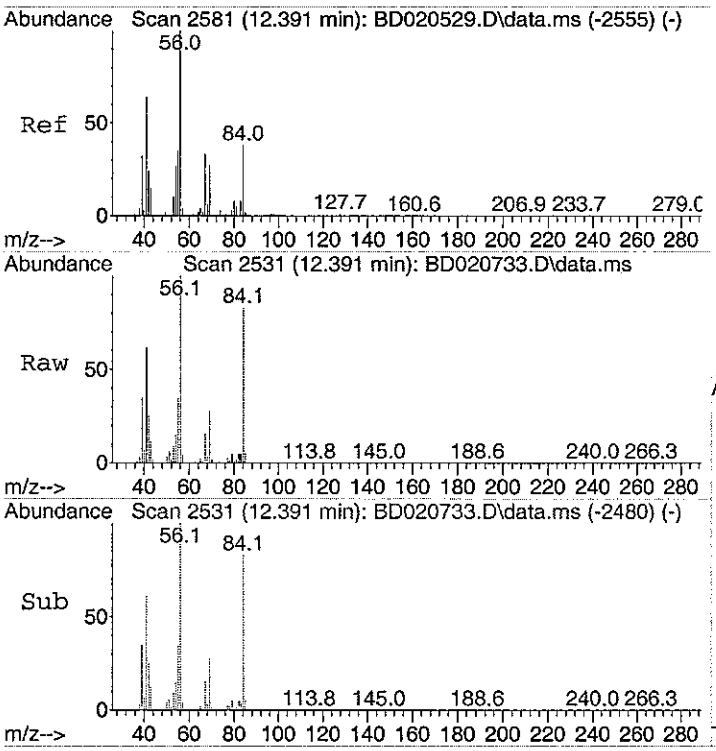


#26
Ethyl acetate
Concen: 0.41 ppb
RT: 10.590 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 43 Resp: 18220

Ion	Ratio	Lower	Upper
43	100		
45	15.5	0.0	33.7
61	12.7	0.0	32.5

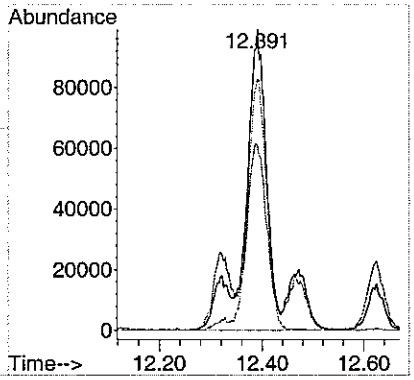


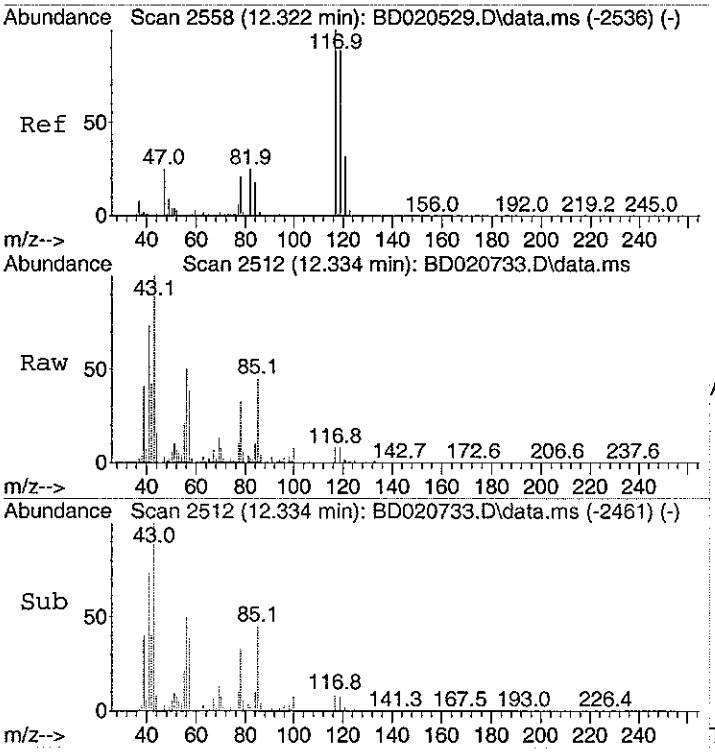


#32
Cyclohexane
Concen: 9.03 ppb
RT: 12.391 min Scan# 2531
Delta R.T. 0.003 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 56 Resp: 340646

Ion	Ratio	Lower	Upper
56	100		
41	79.8	57.7	97.7
84	61.6	58.0	98.0

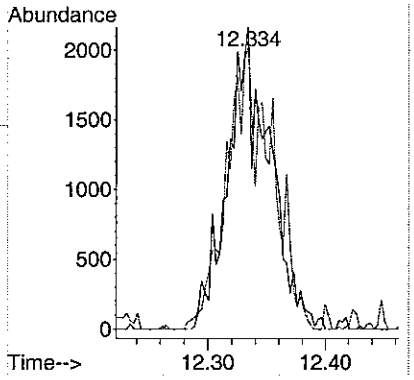


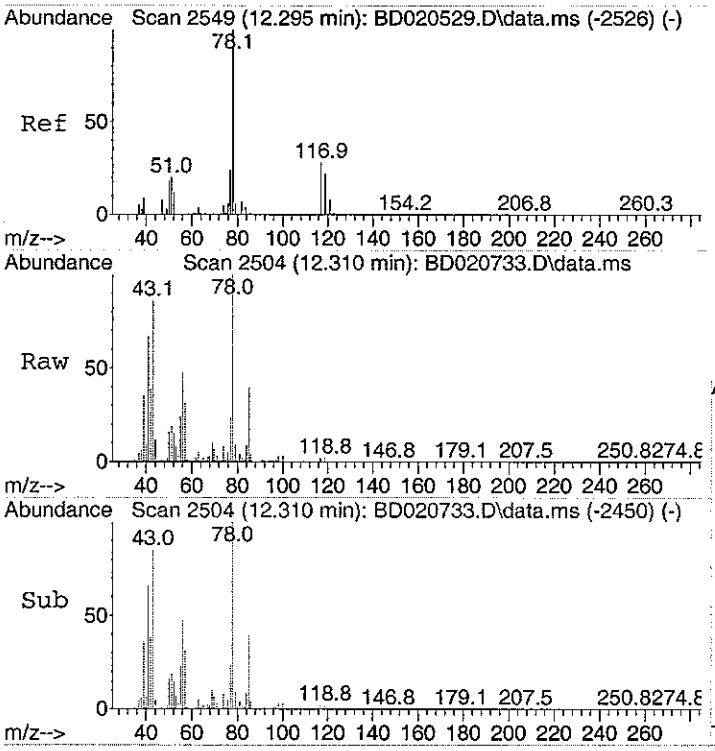


#33
Carbon tetrachloride
Concen: 0.04 ppb
RT: 12.334 min Scan# 2512
Delta R.T. 0.003 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion:117 Resp: 5361

Ion	Ratio	Lower	Upper
117	100		
119	99.9	77.4	117.4

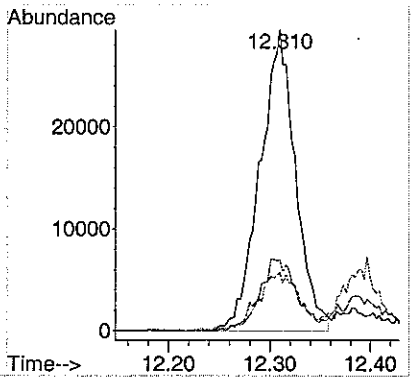


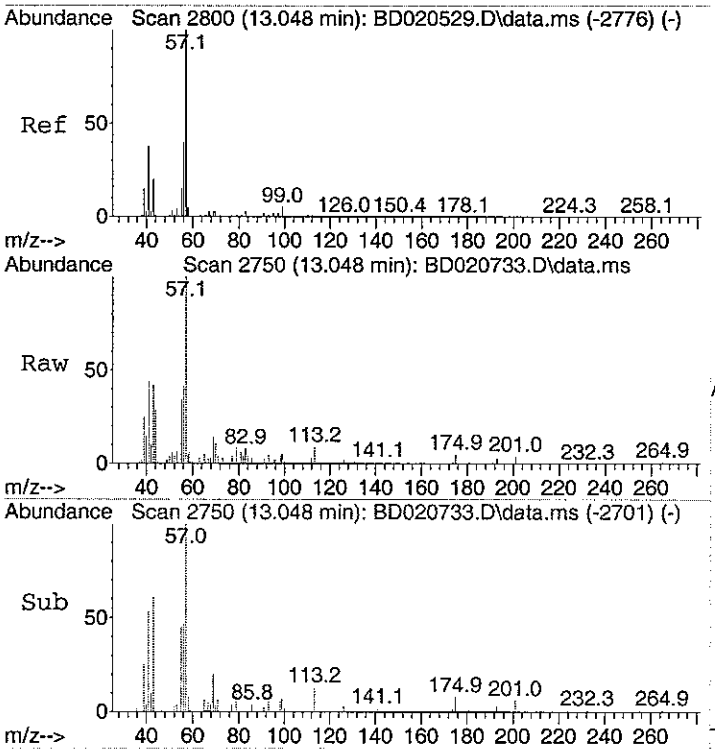


#34
Benzene
Concen: 0.73 ppb m
RT: 12.310 min Scan# 2504
Delta R.T. 0.012 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 78 Resp: 72035

Ion	Ratio	Lower	Upper
78	100		
77	40.7	5.2	45.2
51	19.3	0.0	39.3

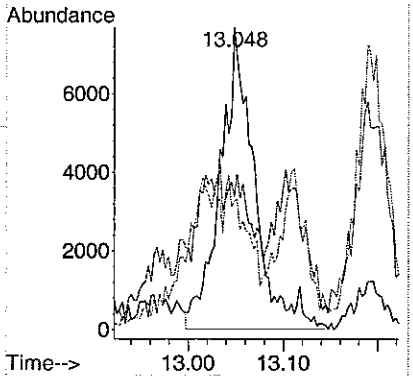


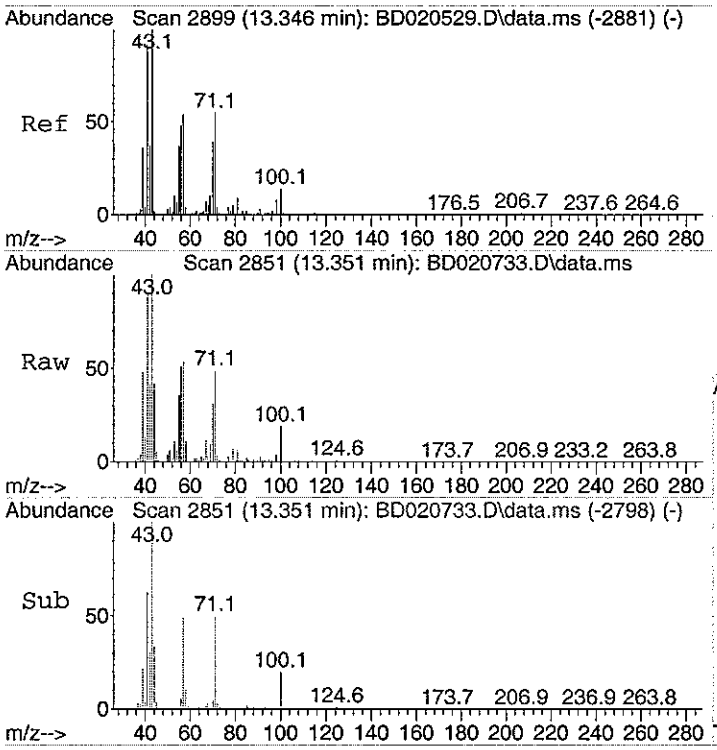


#36
2,2,4-trimethylpentane
Concen: 0.15 ppb
RT: 13.048 min Scan# 2750
Delta R.T. -0.003 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 57 Resp: 19049

Ion	Ratio	Lower	Upper
57	100		
41	144.5	22.7	62.7#
56	0.0	21.7	61.7#

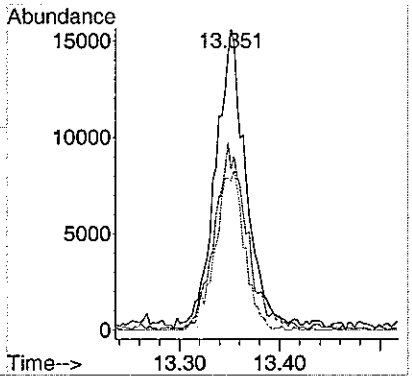


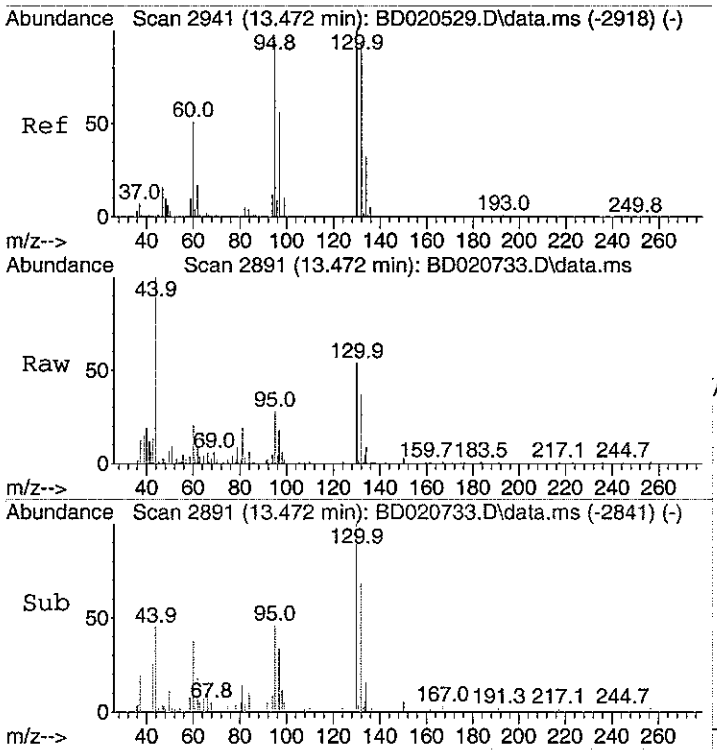


#37
Heptane
Concen: 0.75 ppb
RT: 13.351 min Scan# 2851
Delta R.T. 0.009 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 43 Resp: 32681

Ion	Ratio	Lower	Upper
43	100		
57	67.3	38.6	78.6
71	52.0	36.0	76.0

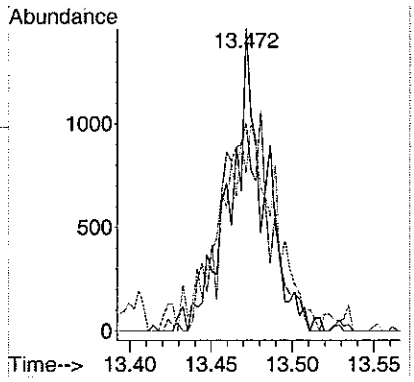


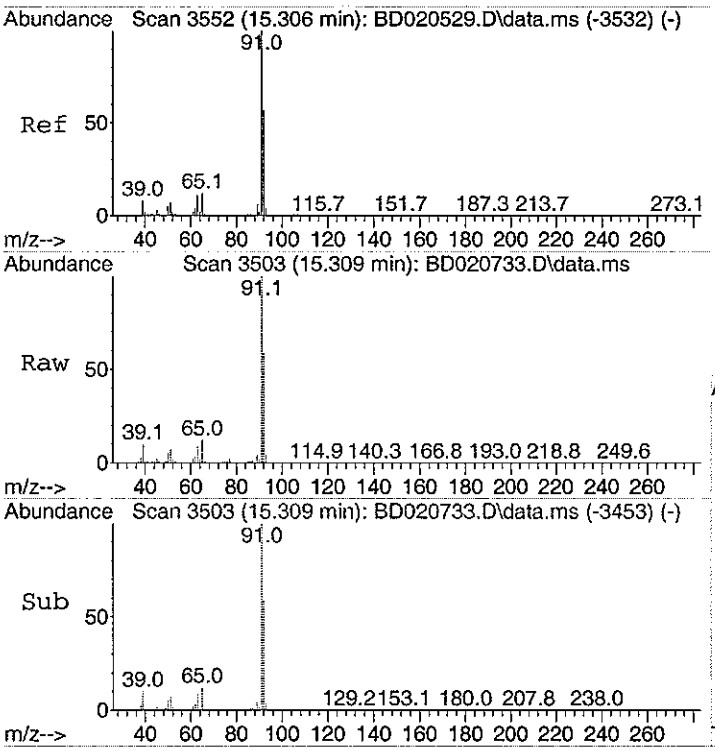


#38
Trichloroethene
Concen: 0.04 ppb
RT: 13.472 min Scan# 2891
Delta R.T. -0.000 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion:130 Resp: 2135

Ion	Ratio	Lower	Upper
130	100		
132	87.4	79.4	119.4
95	105.0	83.0	123.0

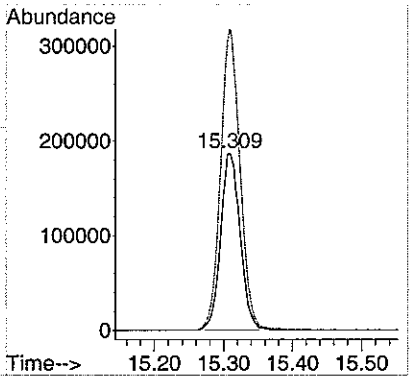


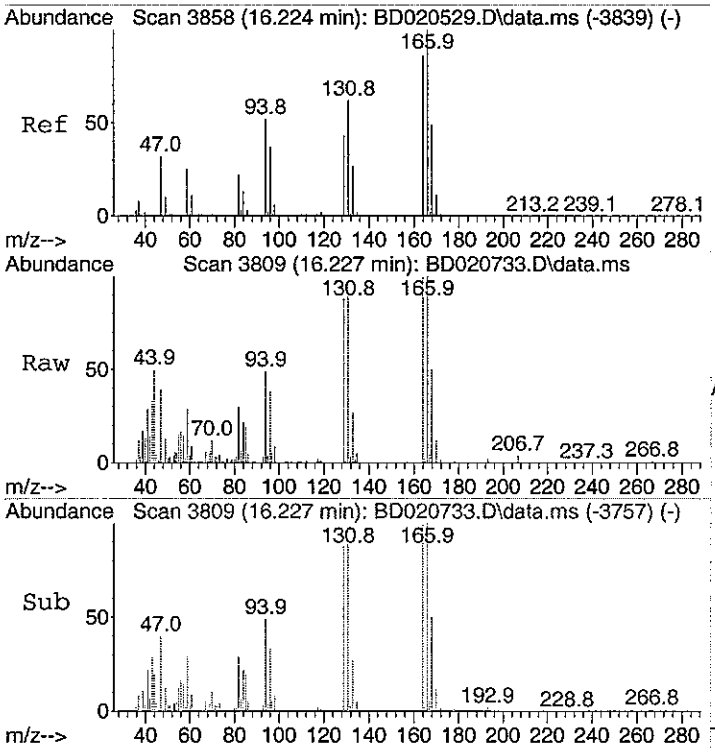


#45
Toluene
Concen: 6.45 ppb
RT: 15.309 min Scan# 3503
Delta R.T. -0.000 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 92 Resp: 370004

Ion	Ratio	Lower	Upper
92	100		
91	169.2	153.2	193.2

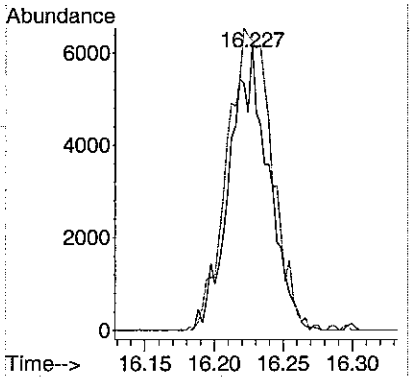


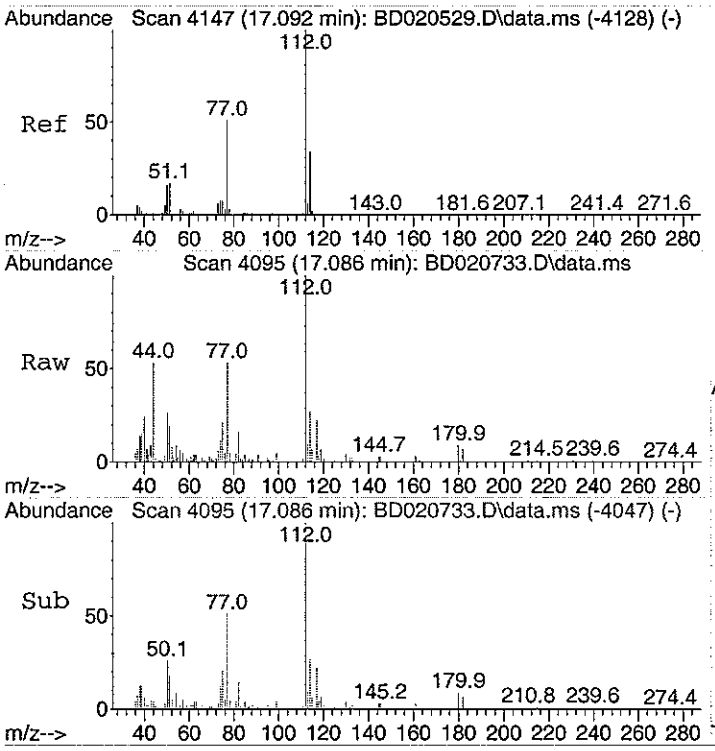


#50
Tetrachloroethylene
Concen: 0.23 ppb
RT: 16.227 min Scan# 3809
Delta R.T. 0.006 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion:164 Resp: 12056

Ion	Ratio	Lower	Upper
164	100		
166	122.9	107.9	147.9

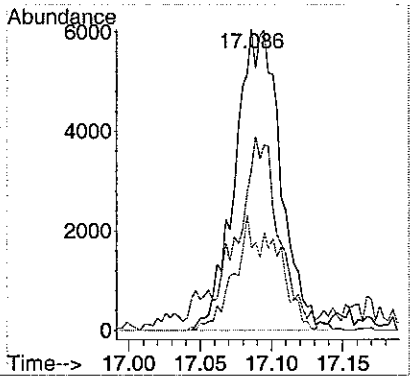


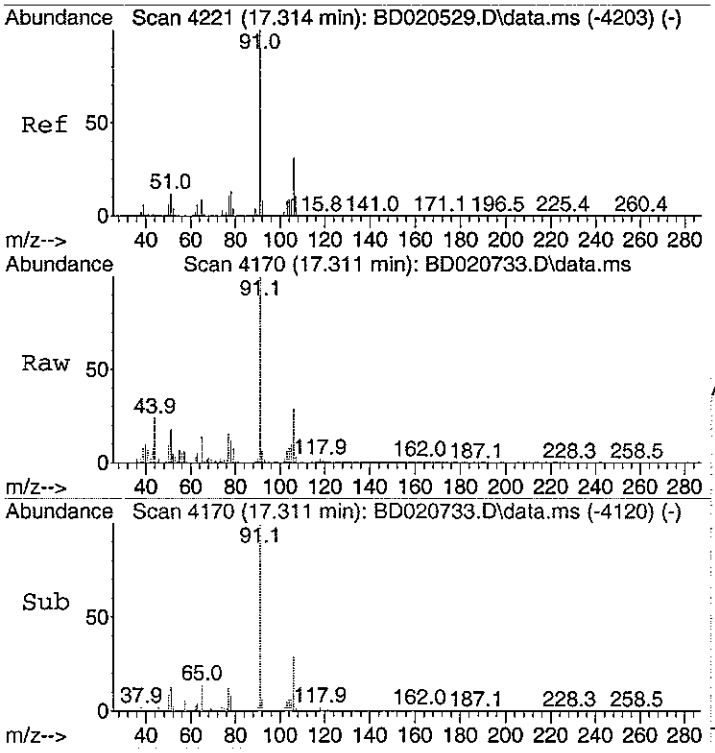


#51
Chlorobenzene
Concen: 0.14 ppb
RT: 17.086 min Scan# 4095
Delta R.T. -0.006 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion:112 Resp: 13511

Ion	Ratio	Lower	Upper
112	100		
77	53.4	36.2	76.2
114	35.3	13.1	53.1

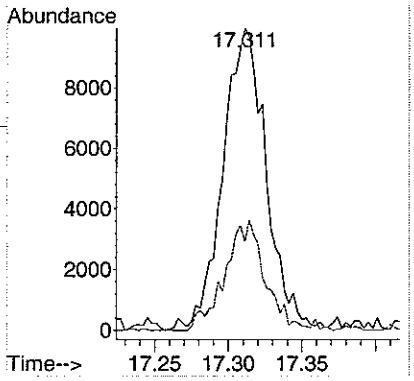


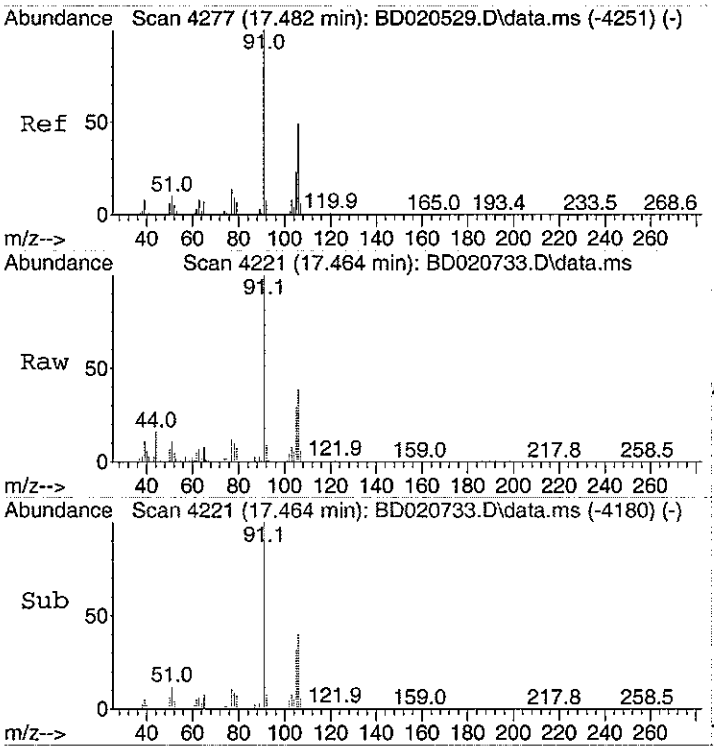


#52
Ethylbenzene
Concen: 0.19 ppb
RT: 17.311 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 91 Resp: 19513

Ion	Ratio	Lower	Upper
91	100		
106	35.1	11.3	51.3

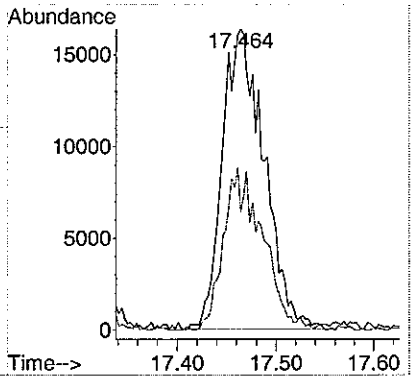


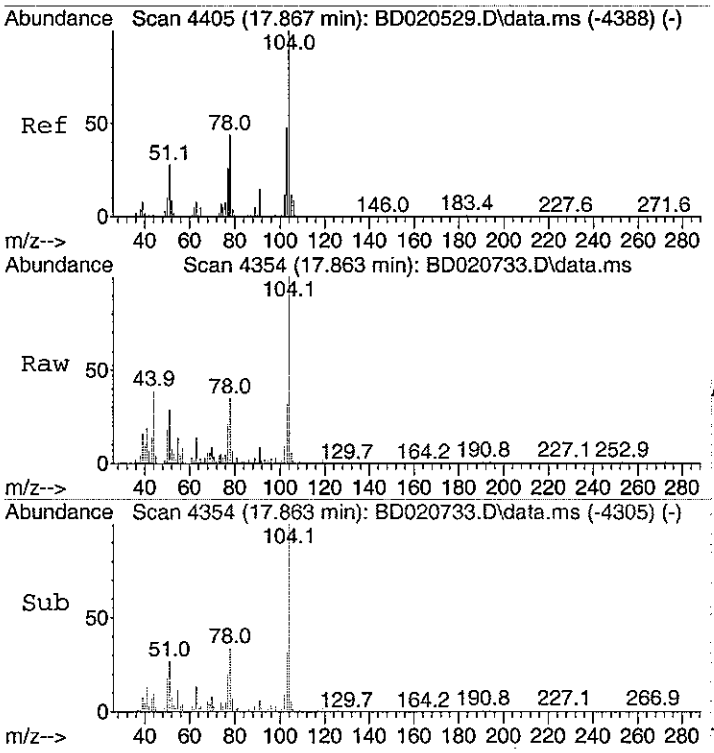


#53
m&p-xylene
Concen: 0.48 ppb
RT: 17.464 min Scan# 4221
Delta R.T. -0.027 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 91 Resp: 48154

Ion	Ratio	Lower	Upper
91	100		
106	49.9	30.4	70.4

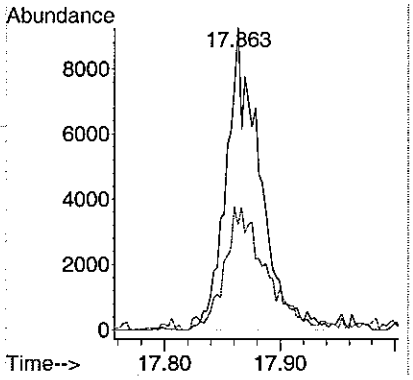


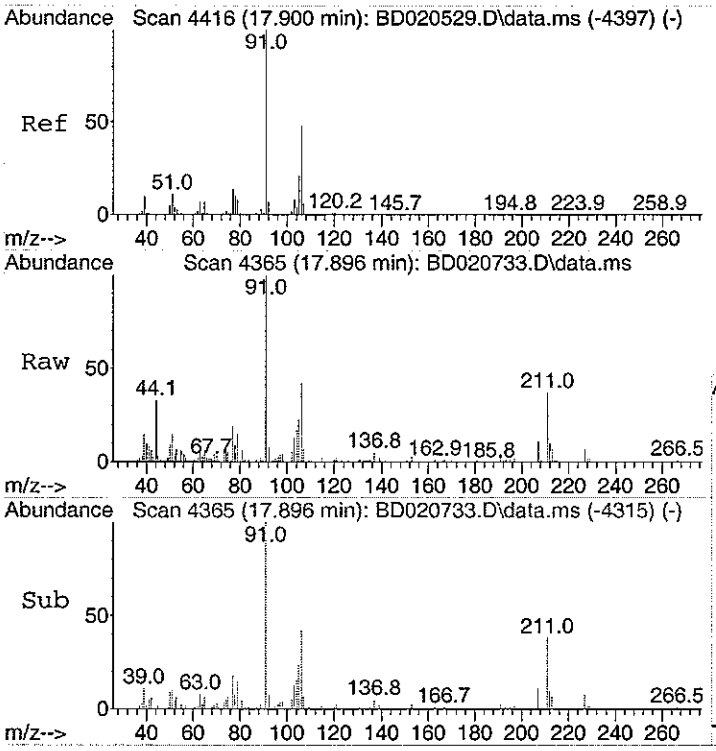


#54
Styrene
Concen: 0.32 ppb
RT: 17.863 min Scan# 4354
Delta R.T. -0.003 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion:104 Resp: 18465

Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.7	79.7

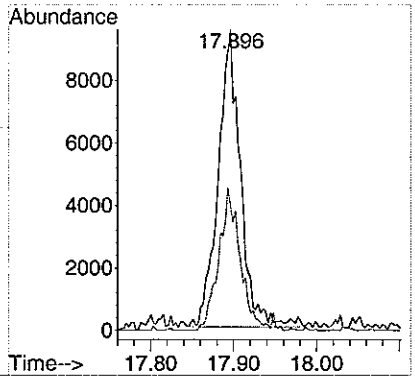


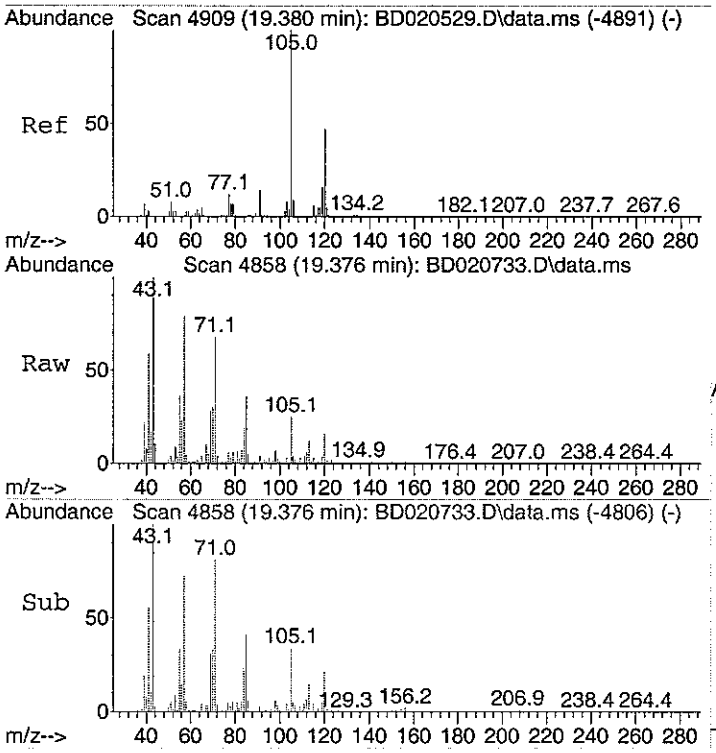


#56
o-xylene
Concen: 0.16 ppb
RT: 17.896 min Scan# 4365
Delta R.T. -0.000 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion: 91 Resp: 18019

Ion	Ratio	Lower	Upper
91	100		
106	45.4	27.2	67.2

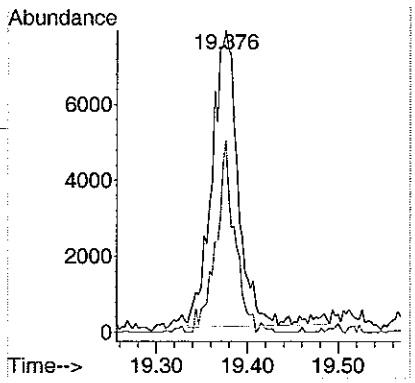




#61
1,2,4-trimethylbenzene
Concen: 0.21 ppb
RT: 19.376 min Scan# 4858
Delta R.T. 0.006 min
Lab File: BD020733.D
Acq: 8 Feb 2008 10:57 am

Tgt Ion:105 Resp: 15985

Ion	Ratio	Lower	Upper
105	100		
120	45.1	29.6	69.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020734.D
Acq On : 8 Feb 2008 11:30 am
Operator :
Sample : C0802002-001A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 13 12:01:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

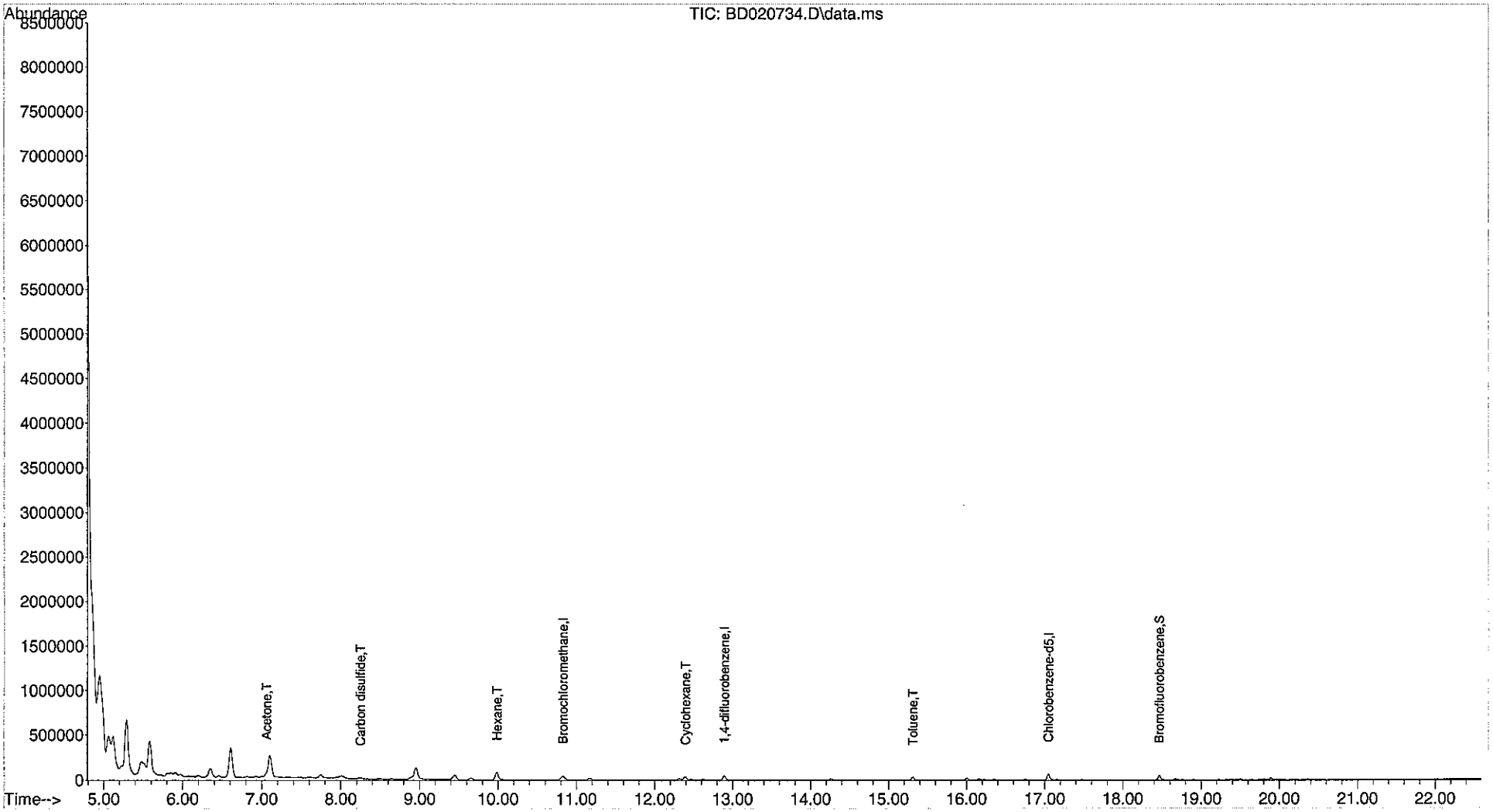
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.827	128	17778	1.00	ppb	0.01
30) 1,4-difluorobenzene	12.895	114	46320	1.00	ppb	0.00
44) Chlorobenzene-d5	17.050	117	45557	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.467	95	18184	0.78	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 78.00%			
Target Compounds						Qvalue
12) Acetone	7.059	58	18838	1.31	ppb	# 1
18) Carbon disulfide	8.248	76	20408	0.21	ppb	92
25) Hexane	9.983	41	39451	1.45	ppb	# 57
32) Cyclohexane	12.394	56	18371	0.67	ppb	86
45) Toluene	15.309	92	16415	0.42	ppb	99

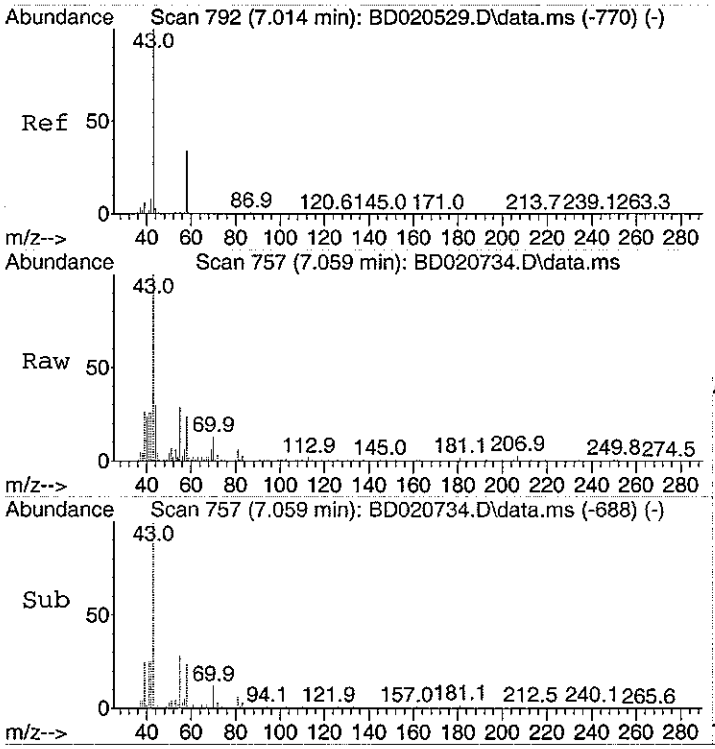
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020734.D
Acq On : 8 Feb 2008 11:30 am
Operator :
Sample : C0802002-001A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 13 12:01:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

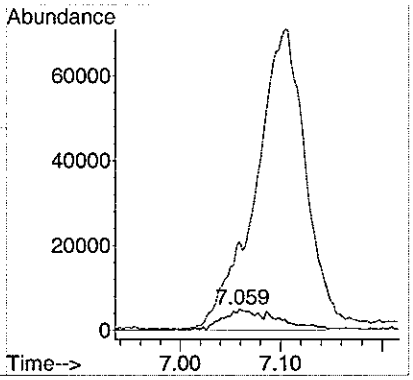


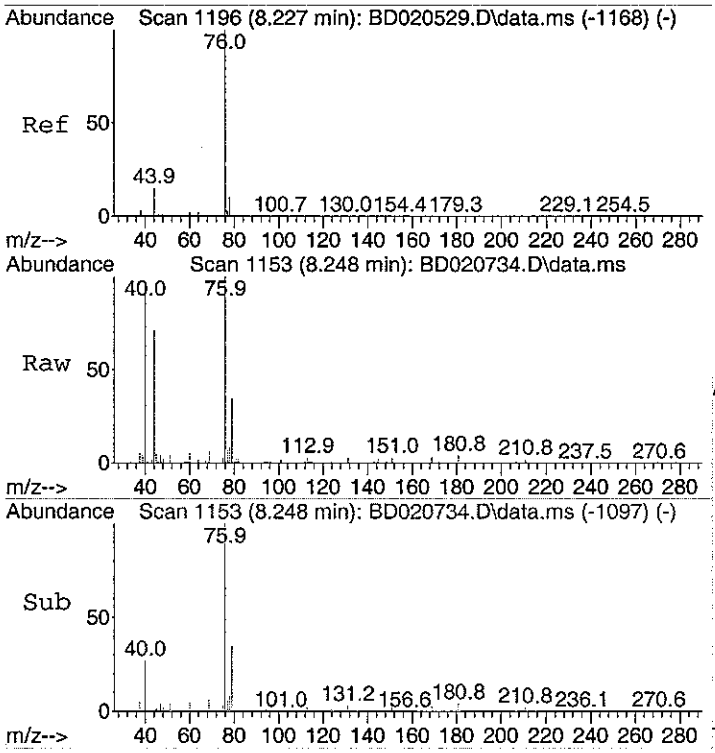


#12
Acetone
Concen: 1.31 ppb
RT: 7.059 min Scan# 757
Delta R.T. 0.057 min
Lab File: BD020734.D
Acq: 8 Feb 2008 11:30 am

Tgt Ion: 58 Resp: 18838

Ion	Ratio	Lower	Upper
58	100		
43	1276.2	385.5	445.5#

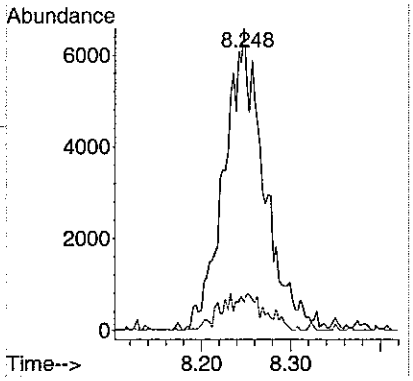


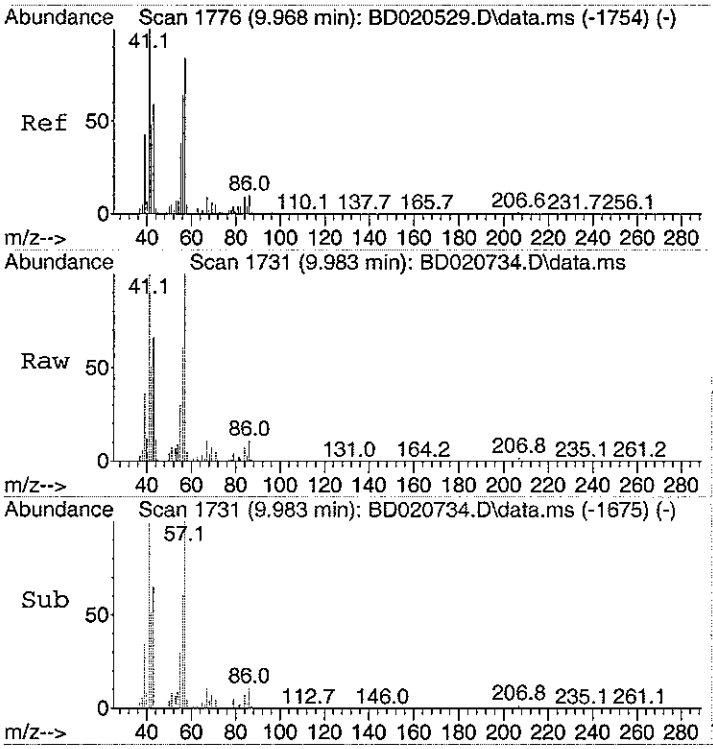


#18
Carbon disulfide
Concen: 0.21 ppb
RT: 8.248 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BD020734.D
Acq: 8 Feb 2008 11:30 am

Tgt Ion: 76 Resp: 20408

Ion	Ratio	Lower	Upper
76	100		
78	12.1	0.0	29.2

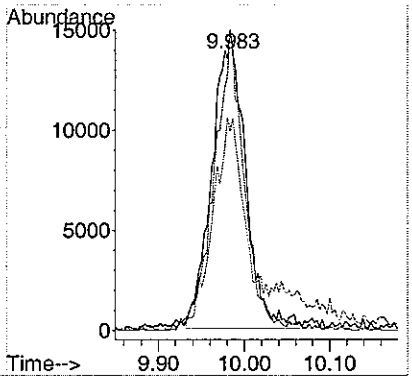


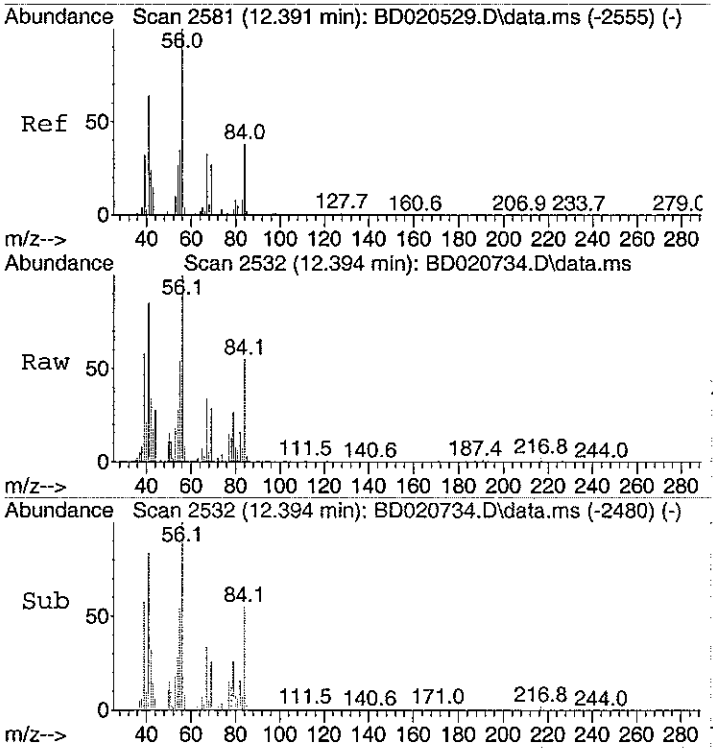


#25
Hexane
Concen: 1.45 ppb
RT: 9.983 min Scan# 1731
Delta R.T. 0.018 min
Lab File: BD020734.D
Acq: 8 Feb 2008 11:30 am

Tgt Ion: 41 Resp: 39451

Ion	Ratio	Lower	Upper
41	100		
57	88.2	72.3	112.3
43	87.9	157.2	197.2#

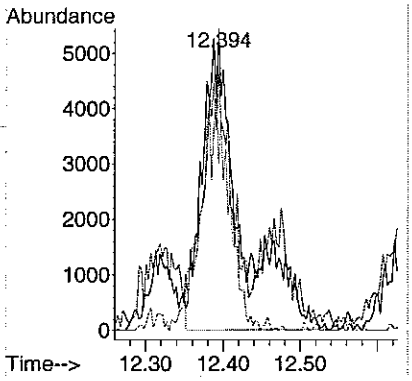


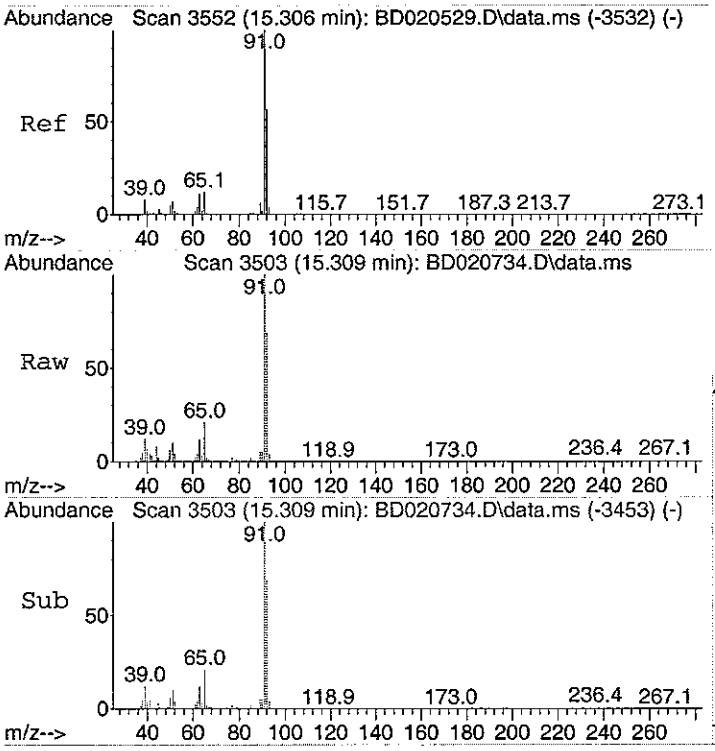


#32
Cyclohexane
Concen: 0.67 ppb
RT: 12.394 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BD020734.D
Acq: 8 Feb 2008 11:30 am

Tgt Ion: 56 Resp: 18371

Ion	Ratio	Lower	Upper
56	100		
41	82.2	57.7	97.7
84	58.8	58.0	98.0

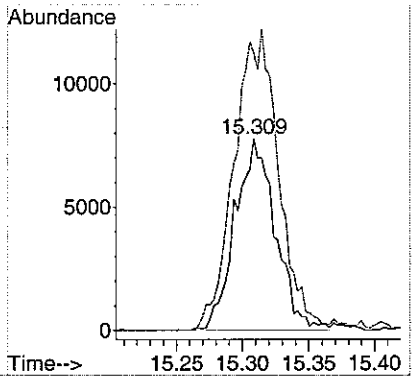




#45
Toluene
Concen: 0.42 ppb
RT: 15.309 min Scan# 3503
Delta R.T. -0.000 min
Lab File: BD020734.D
Acq: 8 Feb 2008 11:30 am

Tgt Ion: 92 Resp: 16415

Ion	Ratio	Lower	Upper
92	100		
91	174.7	153.2	193.2



Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP5-SVI
Lab Order:	C0802002	**Tag Number:**	78, 147
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-2			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2,4-Trimethylbenzene	0.280	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
2,2,4-trimethylpentane	0.140	0.150	J	ppbV	1	2/8/2008 12:05:00 PM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Acetone	11.1	3.00		ppbV	10	2/9/2008 11:02:00 PM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Benzene	1.19	0.150		ppbV	1	2/8/2008 12:05:00 PM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Bromoform	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Carbon disulfide	2.70	1.50		ppbV	10	2/9/2008 11:02:00 PM
Carbon tetrachloride	0.0400	0.0400		ppbV	1	2/8/2008 12:05:00 PM
Chlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Chloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Chloroform	0.230	0.150		ppbV	1	2/8/2008 12:05:00 PM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Cyclohexane	3.10	1.50		ppbV	10	2/9/2008 11:02:00 PM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Ethyl acetate	13.0	2.50		ppbV	10	2/9/2008 11:02:00 PM
Ethylbenzene	0.240	0.150		ppbV	1	2/8/2008 12:05:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP5-SVI
Lab Order:	C0802002	**Tag Number:**	78, 147
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
Freon 11	1.07	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 113	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 114	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 12	0.280	0.150		ppbV	1	2/8/2008 12:05:00 PM
Heptane	1.52	0.150		ppbV	1	2/8/2008 12:05:00 PM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Hexane	5.30	1.50		ppbV	10	2/9/2008 11:02:00 PM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
m&p-Xylene	0.740	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Methylene chloride	0.130	0.150	J	ppbV	1	2/8/2008 12:05:00 PM
o-Xylene	0.250	0.150		ppbV	1	2/8/2008 12:05:00 PM
Propylene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Styrene	1.00	0.150		ppbV	1	2/8/2008 12:05:00 PM
Tetrachloroethylene	0.240	0.150		ppbV	1	2/8/2008 12:05:00 PM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Toluene	1.30	1.50	J	ppbV	10	2/9/2008 11:02:00 PM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Trichloroethene	0.0600	0.0400		ppbV	1	2/8/2008 12:05:00 PM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Vinyl chloride	0.320	0.0400		ppbV	1	2/8/2008 12:05:00 PM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/8/2008 12:05:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP5-SVI
Lab Order:	C0802002	**Tag Number:**	78, 147
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 12:05:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 12:05:00 PM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 12:05:00 PM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 12:05:00 PM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/8/2008 12:05:00 PM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 12:05:00 PM
1,2,4-Trimethylbenzene	1.40	0.749		ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 12:05:00 PM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 12:05:00 PM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 12:05:00 PM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:05:00 PM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:05:00 PM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 12:05:00 PM
2,2,4-trimethylpentane	0.665	0.712	J	ug/m3	1	2/8/2008 12:05:00 PM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 12:05:00 PM
Acetone	26.8	7.24		ug/m3	10	2/9/2008 11:02:00 PM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 12:05:00 PM
Benzene	3.86	0.487		ug/m3	1	2/8/2008 12:05:00 PM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 12:05:00 PM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 12:05:00 PM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 12:05:00 PM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 12:05:00 PM
Carbon disulfide	8.55	4.75		ug/m3	10	2/9/2008 11:02:00 PM
Carbon tetrachloride	0.256	0.256		ug/m3	1	2/8/2008 12:05:00 PM
Chlorobenzene	ND	0.702		ug/m3	1	2/8/2008 12:05:00 PM
Chloroethane	ND	0.402		ug/m3	1	2/8/2008 12:05:00 PM
Chloroform	1.14	0.744		ug/m3	1	2/8/2008 12:05:00 PM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 12:05:00 PM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:05:00 PM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:05:00 PM
Cyclohexane	10.8	5.25		ug/m3	10	2/9/2008 11:02:00 PM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 12:05:00 PM
Ethyl acetate	47.6	9.16		ug/m3	10	2/9/2008 11:02:00 PM
Ethylbenzene	1.06	0.662		ug/m3	1	2/8/2008 12:05:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP5-SVI
Lab Order:	C0802002	**Tag Number:**	78, 147
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	6.11	0.857		ug/m3	1	2/8/2008 12:05:00 PM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 12:05:00 PM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 12:05:00 PM
Freon 12	1.41	0.754		ug/m3	1	2/8/2008 12:05:00 PM
Heptane	6.33	0.625		ug/m3	1	2/8/2008 12:05:00 PM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 12:05:00 PM
Hexane	19.0	5.37		ug/m3	10	2/9/2008 11:02:00 PM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 12:05:00 PM
m&p-Xylene	3.27	1.32		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:05:00 PM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 12:05:00 PM
Methylene chloride	0.459	0.530	J	ug/m3	1	2/8/2008 12:05:00 PM
o-Xylene	1.10	0.662		ug/m3	1	2/8/2008 12:05:00 PM
Propylene	ND	0.262		ug/m3	1	2/8/2008 12:05:00 PM
Styrene	4.33	0.649		ug/m3	1	2/8/2008 12:05:00 PM
Tetrachloroethylene	1.65	1.03		ug/m3	1	2/8/2008 12:05:00 PM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 12:05:00 PM
Toluene	4.98	5.75	J	ug/m3	10	2/9/2008 11:02:00 PM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:05:00 PM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:05:00 PM
Trichloroethene	0.328	0.218		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl chloride	0.831	0.104		ug/m3	1	2/8/2008 12:05:00 PM

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020735.D
Acq On : 8 Feb 2008 12:05 pm
Operator :
Sample : C0802002-002A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 13 09:57:16 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

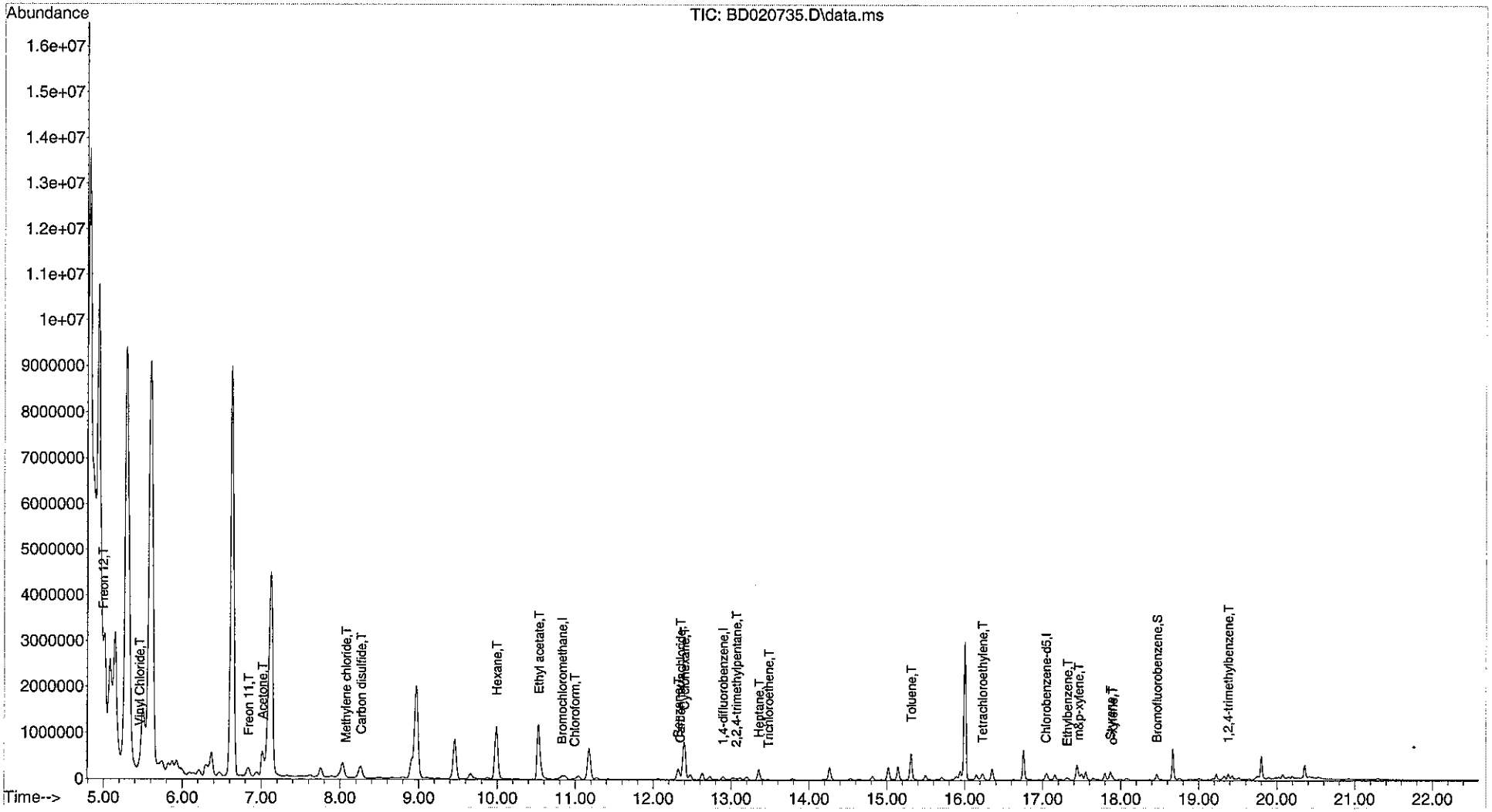
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.827	128	21869	1.00	ppb		0.01
30) 1,4-difluorobenzene	12.892	114	62329	1.00	ppb		0.00
44) Chlorobenzene-d5	17.041	117	80430	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	42433	1.03	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 103.00%				
Target Compounds							Qvalue
3) Freon 12	4.991	85	55672	0.28	ppb		100
6) Vinyl Chloride	5.456	62	13423	0.32	ppb		60
11) Freon 11	6.837	101	207452	1.07	ppb		97
12) Acetone	7.011	58	295570	16.70	ppb	#	70
16) Methylene chloride	8.071	84	5405m	0.13	ppb		
18) Carbon disulfide	8.263	76	545681	4.53	ppb		98
25) Hexane	9.989	41	521764	15.62	ppb	#	53
26) Ethyl acetate	10.527	43	2060007	43.76	ppb		98
27) Chloroform	10.986	83	21396	0.23	ppb	#	65
32) Cyclohexane	12.394	56	466018	12.59	ppb		91
33) Carbon tetrachloride	12.343	117	5342	0.04	ppb		99
34) Benzene	12.316	78	114977m	1.19	ppb		
36) 2,2,4-trimethylpentane	13.060	57	17964	0.14	ppb	#	1
37) Heptane	13.352	43	64449	1.52	ppb		85
38) Trichloroethene	13.475	130	2944	0.06	ppb		86
45) Toluene	15.309	92	269304	3.91	ppb		97
50) Tetrachloroethylene	16.224	164	15231	0.24	ppb		100
52) Ethylbenzene	17.314	91	29911	0.24	ppb		94
53) m&p-xylene	17.458	91	89414	0.74	ppb		99
54) Styrene	17.867	104	68865	1.00	ppb		84
56) o-xylene	17.894	91	33611	0.25	ppb		94
61) 1,2,4-trimethylbenzene	19.374	105	25591	0.28	ppb		99

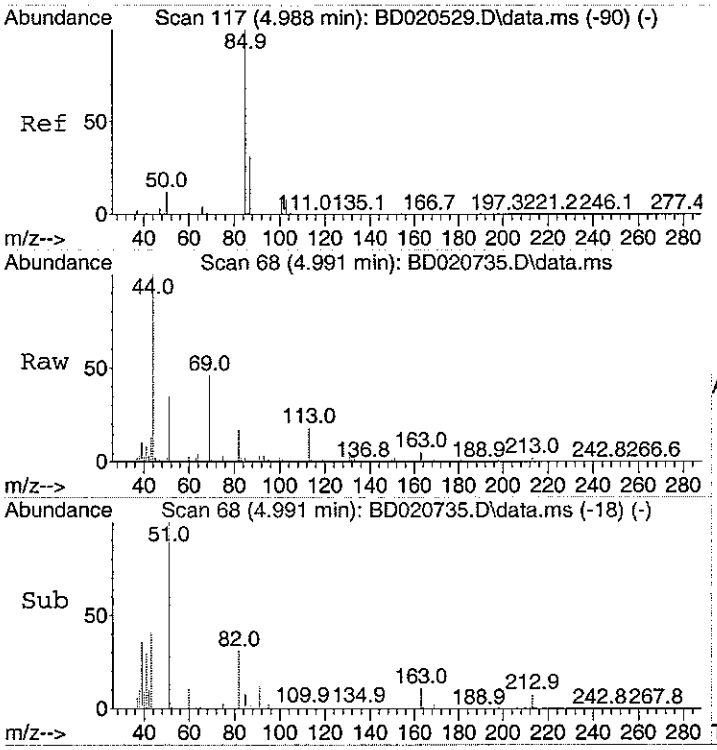
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020735.D
Acq On : 8 Feb 2008 12:05 pm
Operator :
Sample : C0802002-002A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 13 09:57:16 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

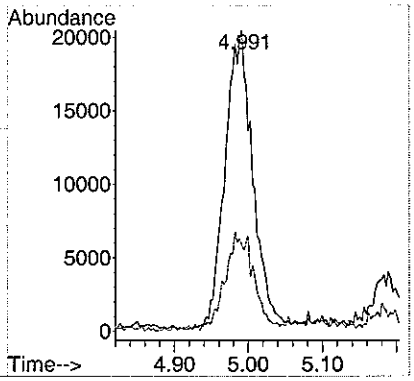


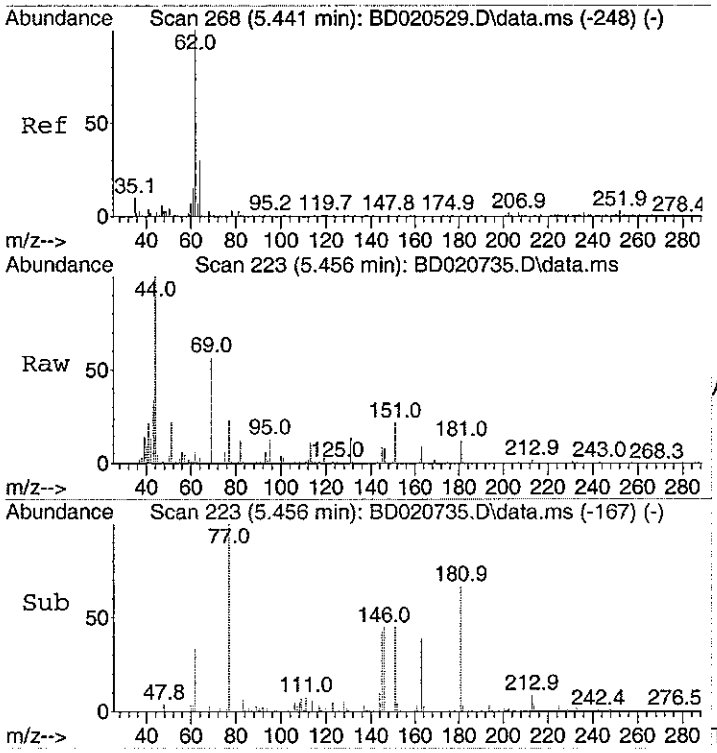


#3
Freon 12
Concen: 0.28 ppb
RT: 4.991 min Scan# 68
Delta R.T. 0.000 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 85 Resp: 55672

Ion	Ratio	Lower	Upper
85	100		
87	32.6	12.5	52.5

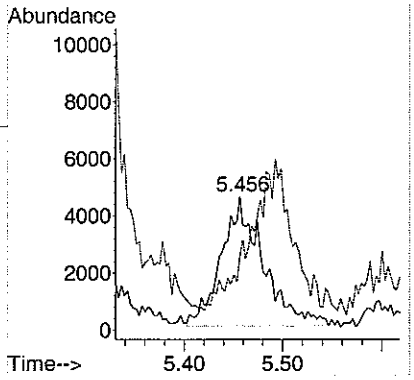


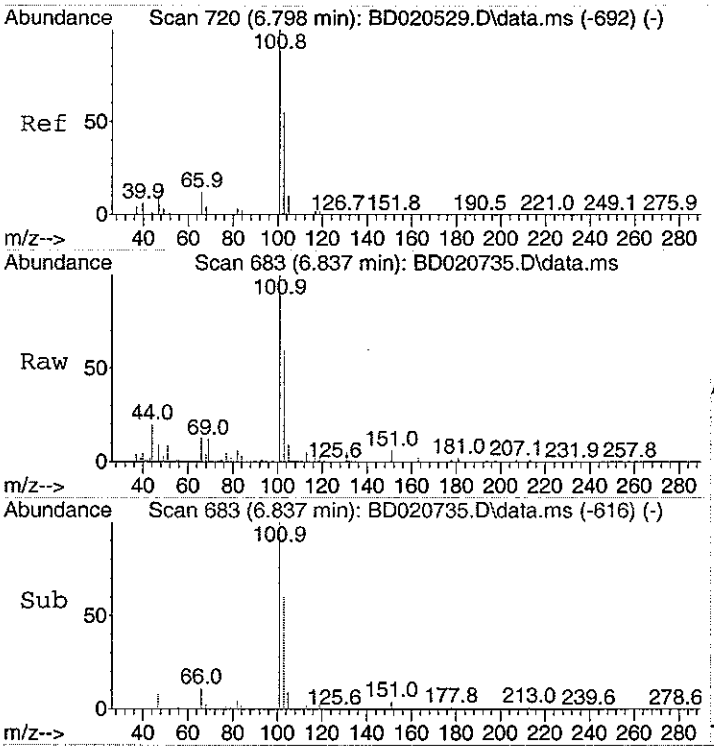


#6
Vinyl Chloride
Concen: 0.32 ppb
RT: 5.456 min Scan# 223
Delta R.T. 0.018 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 62 Resp: 13423

Ion	Ratio	Lower	Upper
62	100		
64	11.3	4.5	64.5

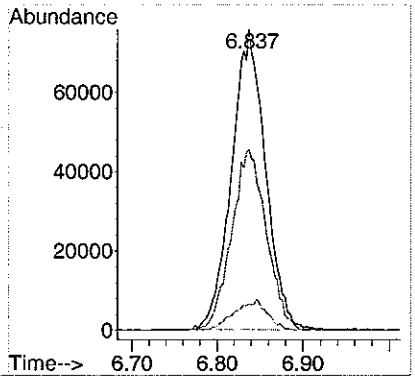


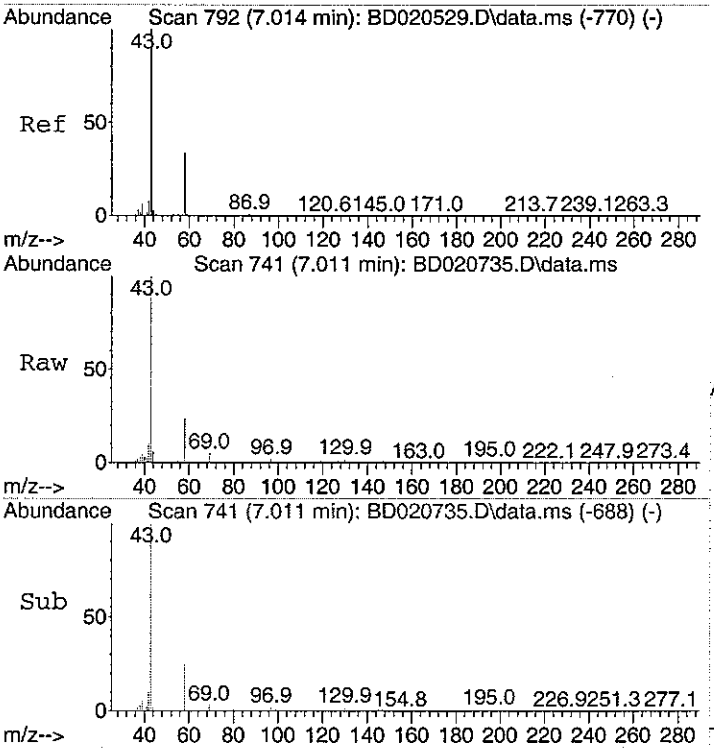


#11
Freon 11
Concen: 1.07 ppb
RT: 6.837 min Scan# 683
Delta R.T. 0.051 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion:101 Resp: 207452

Ion	Ratio	Lower	Upper
101	100		
103	62.5	45.3	85.3
105	10.0	0.0	30.8

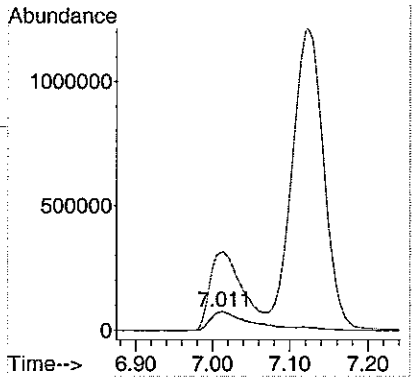


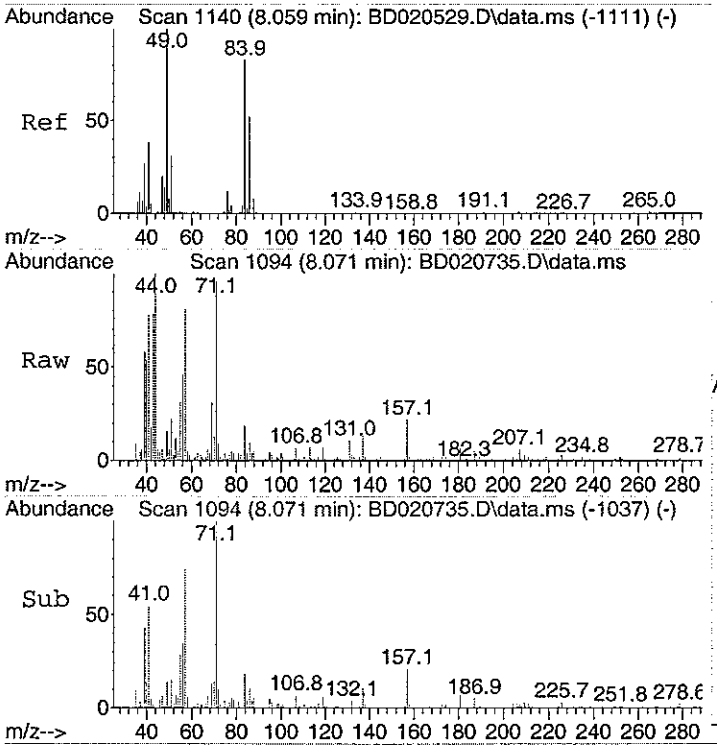


#12
Acetone
Concen: 16.70 ppb
RT: 7.011 min Scan# 741
Delta R.T. 0.009 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 58 Resp: 295570

Ion	Ratio	Lower	Upper
58	100		
43	342.3	385.5	445.5#

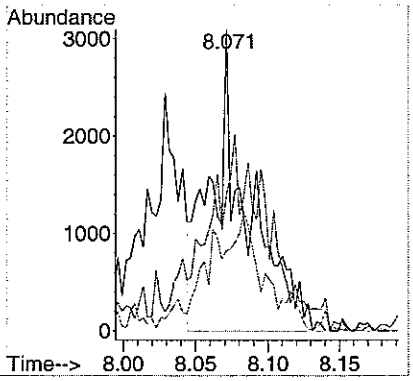


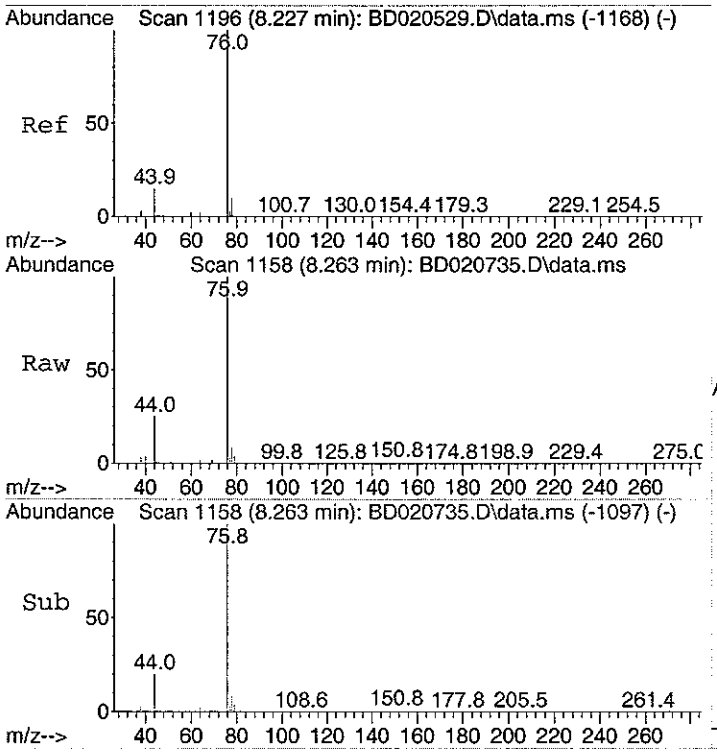


#16
Methylene chloride
Concen: 0.13 ppb m
RT: 8.071 min Scan# 1094
Delta R.T. 0.021 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 84 Resp: 5405

Ion	Ratio	Lower	Upper
84	100		
49	107.7	123.8	163.8#
86	55.4	45.6	85.6

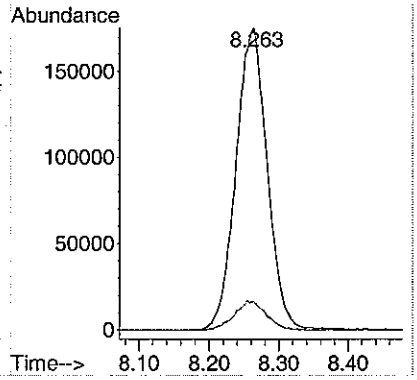


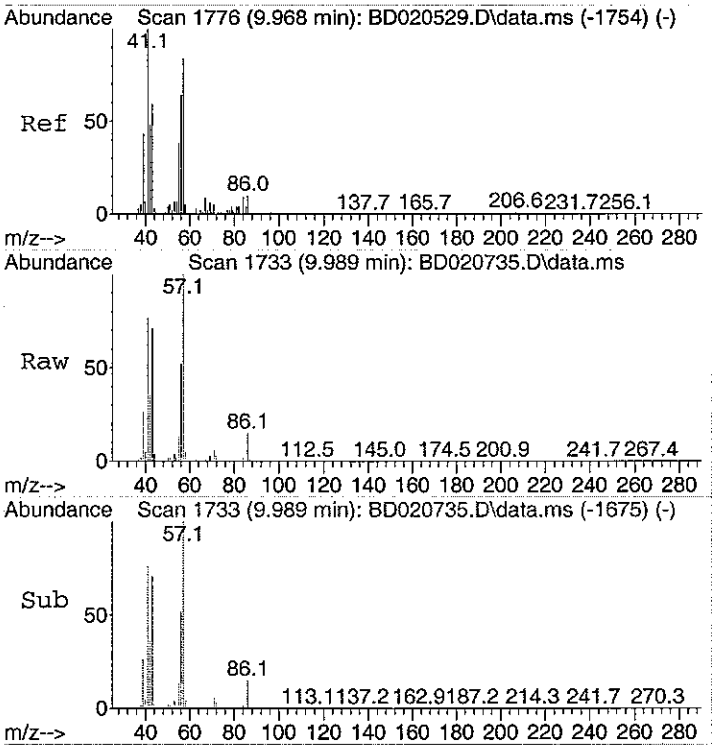


#18
Carbon disulfide
Concen: 4.53 ppb
RT: 8.263 min Scan# 1158
Delta R.T. 0.033 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 76 Resp: 545681

Ion	Ratio	Lower	Upper
76	100		
78	9.8	0.0	29.2

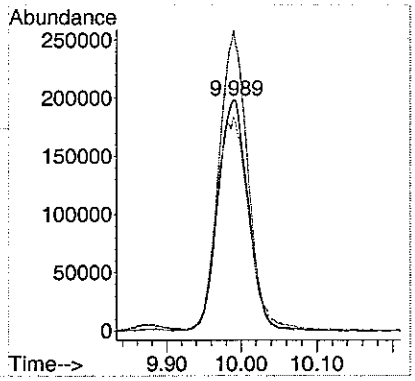


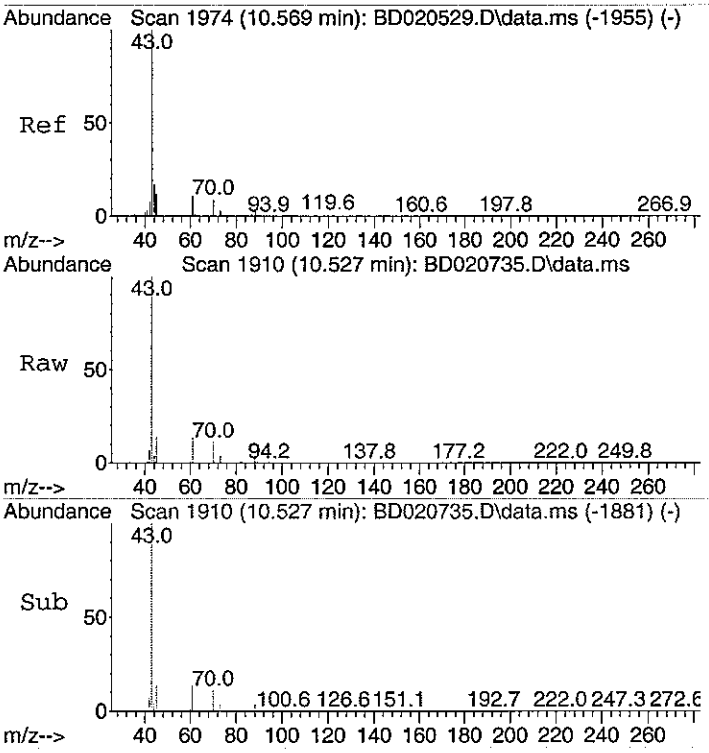


#25
Hexane
Concen: 15.62 ppb
RT: 9.989 min Scan# 1733
Delta R.T. 0.024 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 41 Resp: 521764

Ion	Ratio	Lower	Upper
41	100		
57	121.1	72.3	112.3#
43	99.1	157.2	197.2#

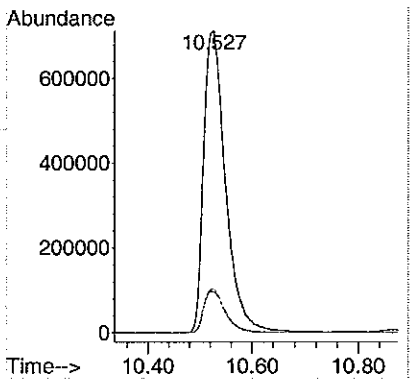


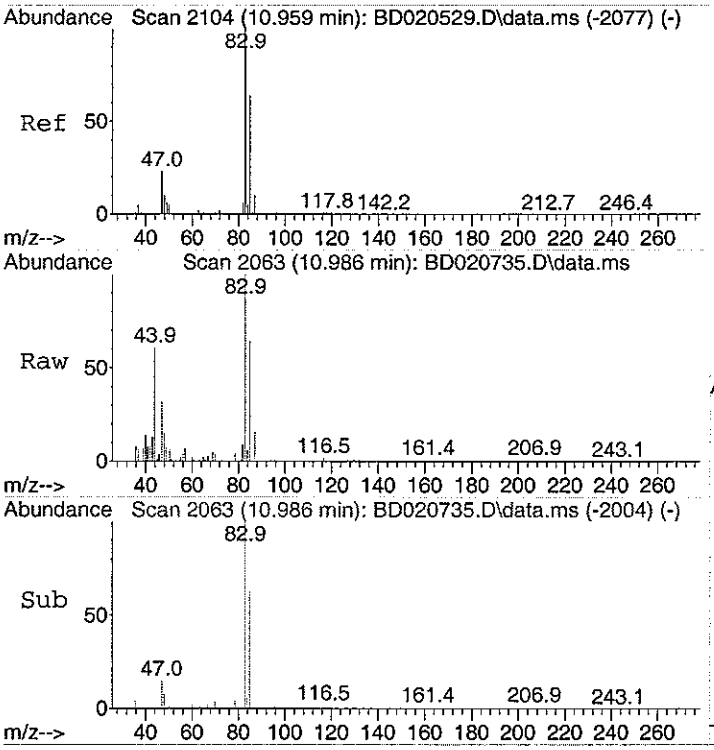


#26
Ethyl acetate
Concen: 43.76 ppb
RT: 10.527 min Scan# 1910
Delta R.T. -0.063 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 43 Resp: 2060007

Ion	Ratio	Lower	Upper
43	100		
45	14.0	0.0	33.7
61	14.1	0.0	32.5

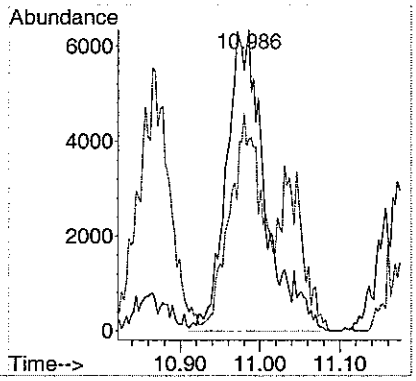


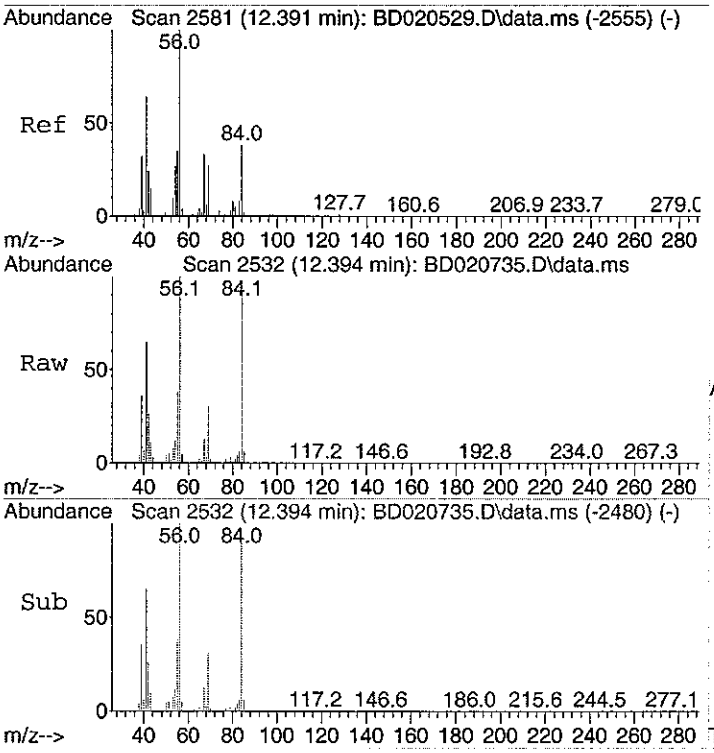


#27
Chloroform
Concen: 0.23 ppb
RT: 10.986 min Scan# 2063
Delta R.T. 0.027 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 83 Resp: 21396

Ion	Ratio	Lower	Upper
83	100		
85	91.5	44.3	84.3#

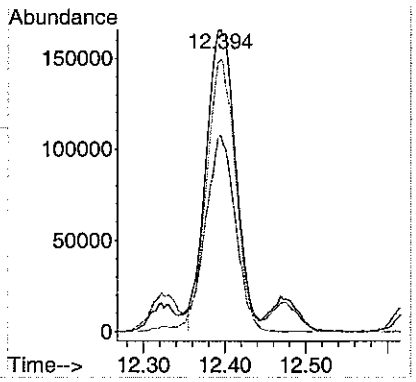


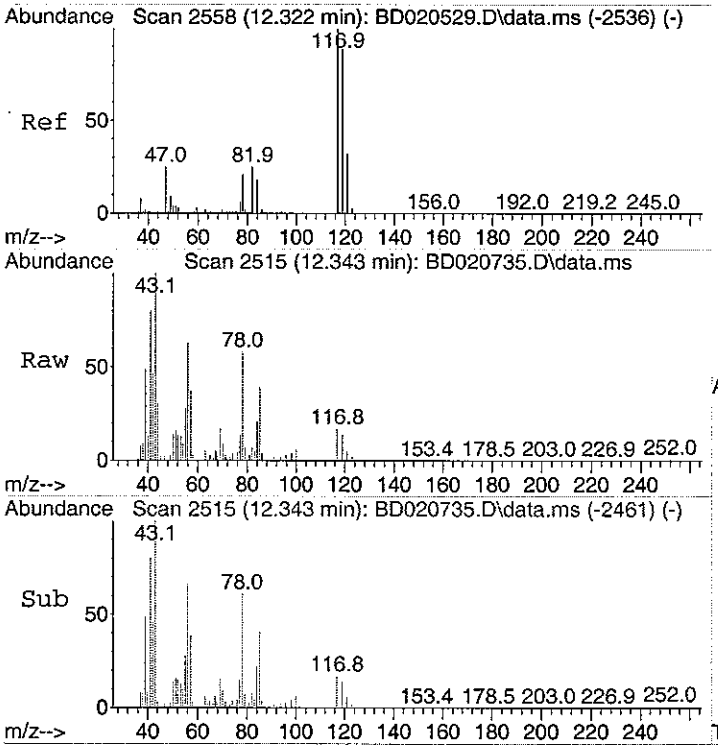


#32
Cyclohexane
Concen: 12.59 ppb
RT: 12.394 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 56 Resp: 466018

Ion	Ratio	Lower	Upper
56	100		
41	63.7	57.7	97.7
84	79.0	58.0	98.0

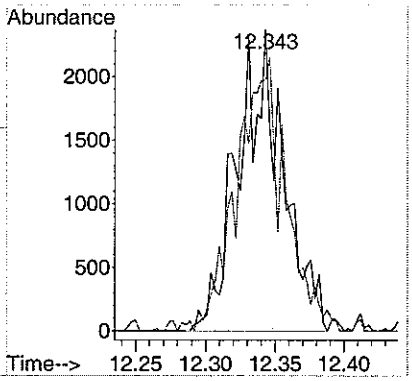


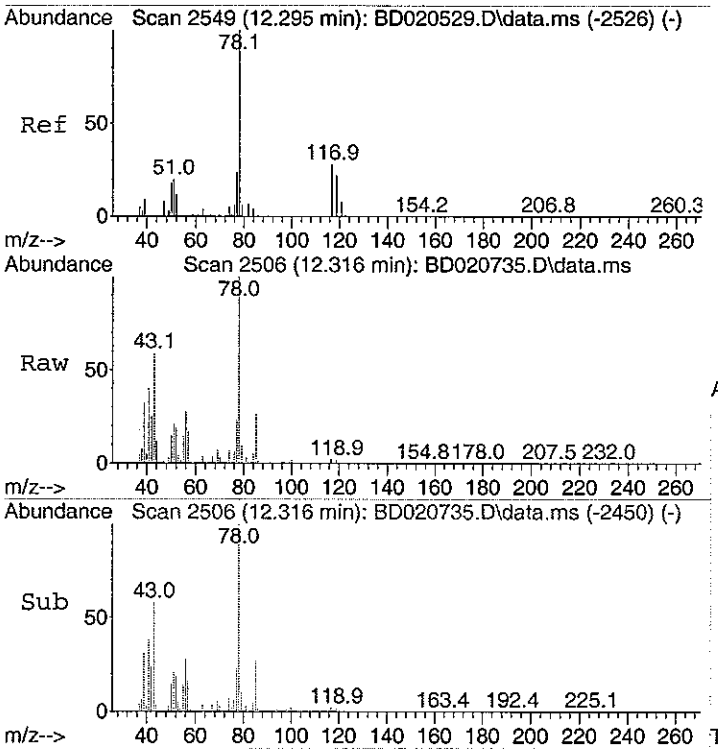


#33
Carbon tetrachloride
Concen: 0.04 ppb
RT: 12.343 min Scan# 2515
Delta R.T. 0.012 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion:117 Resp: 5342

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	117.4

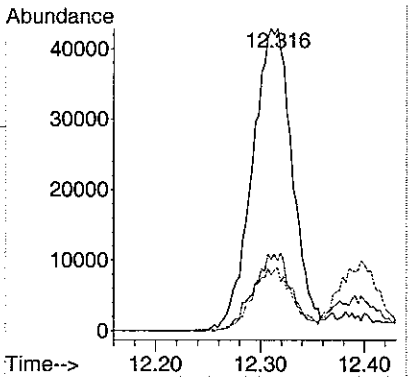


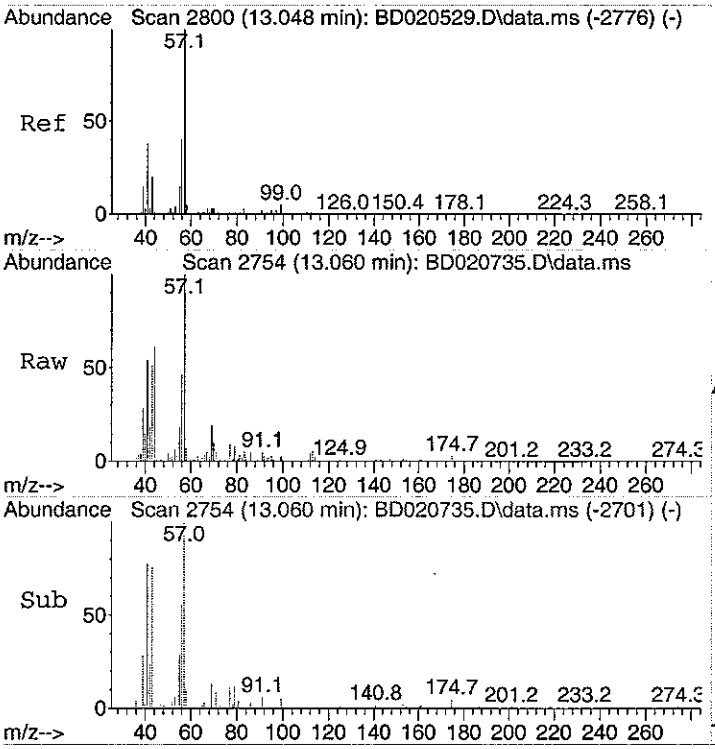


#34
Benzene
Concen: 1.19 ppb m
RT: 12.316 min Scan# 2506
Delta R.T. 0.018 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 78 Resp: 114977

Ion	Ratio	Lower	Upper
78	100		
77	37.4	5.2	45.2
51	19.7	0.0	39.3

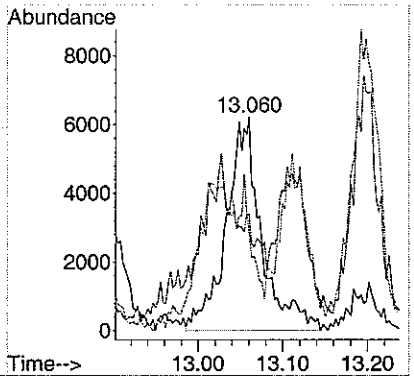


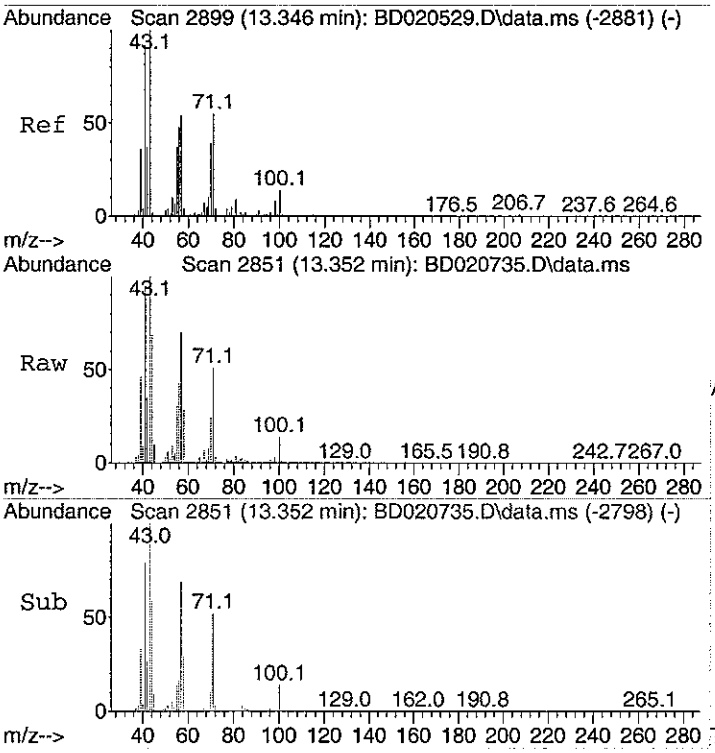


#36
2,2,4-trimethylpentane
Concen: 0.14 ppb
RT: 13.060 min Scan# 2754
Delta R.T. 0.009 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 57 Resp: 17964

Ion	Ratio	Lower	Upper
57	100		
41	147.5	22.7	62.7#
56	0.0	21.7	61.7#

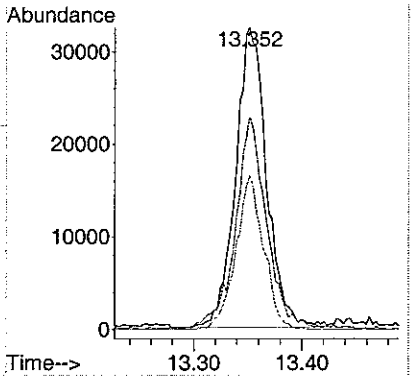


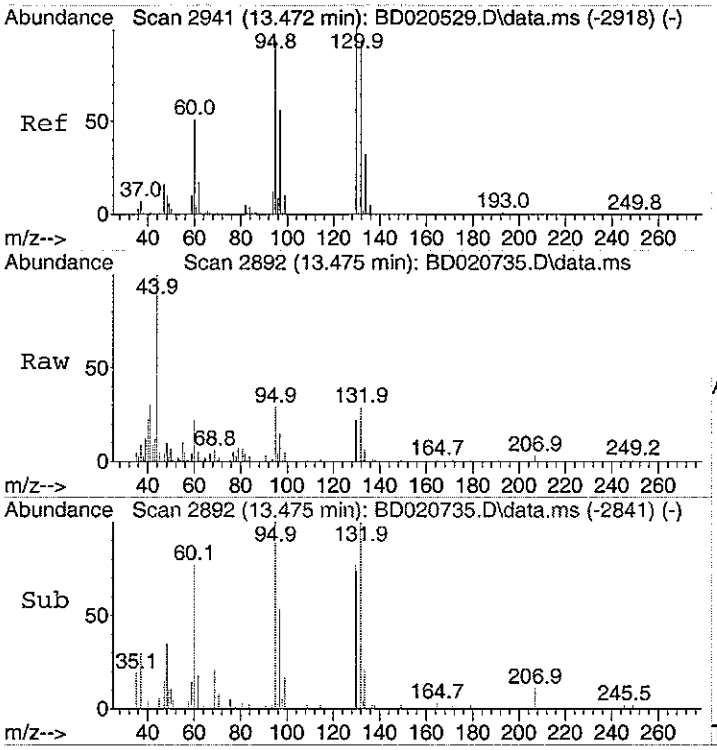


#37
Heptane
Concen: 1.52 ppb
RT: 13.352 min Scan# 2851
Delta R.T. 0.009 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 43 Resp: 64449

Ion	Ratio	Lower	Upper
43	100		
57	71.8	38.6	78.6
71	46.4	36.0	76.0

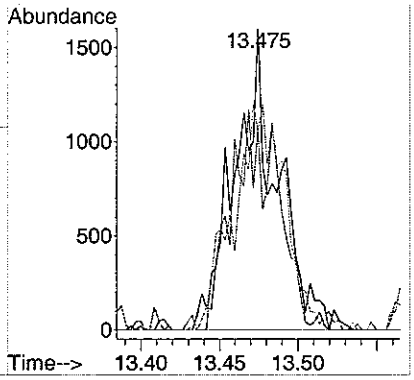


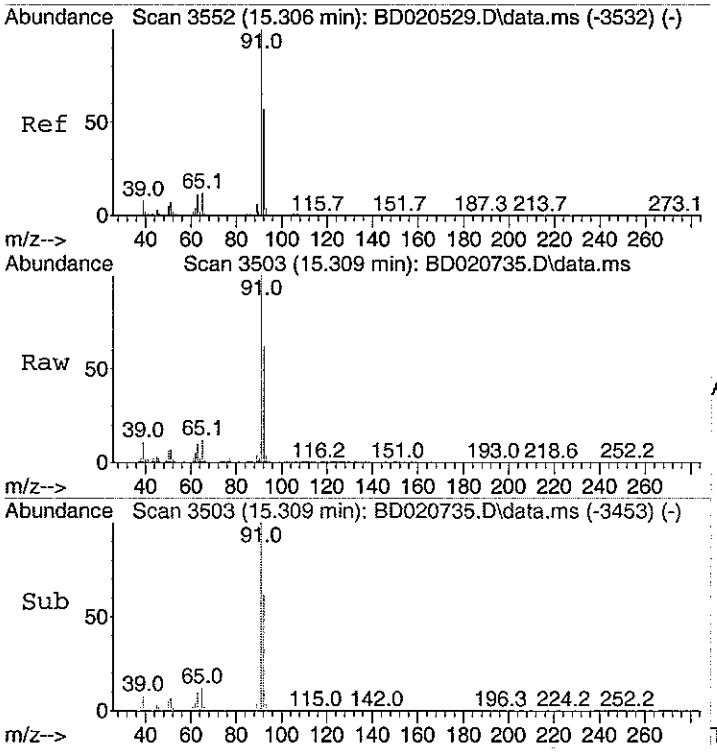


#38
Trichloroethene
Concen: 0.06 ppb
RT: 13.475 min Scan# 2892
Delta R.T. 0.003 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion:130 Resp: 2944

Ion	Ratio	Lower	Upper
130	100		
132	81.6	79.4	119.4
95	93.4	83.0	123.0

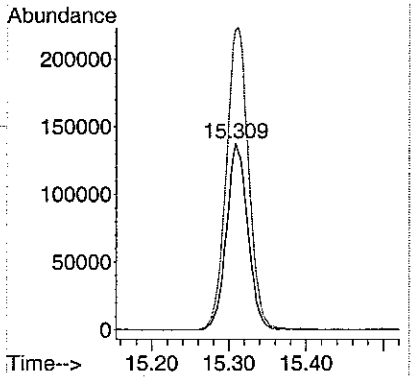


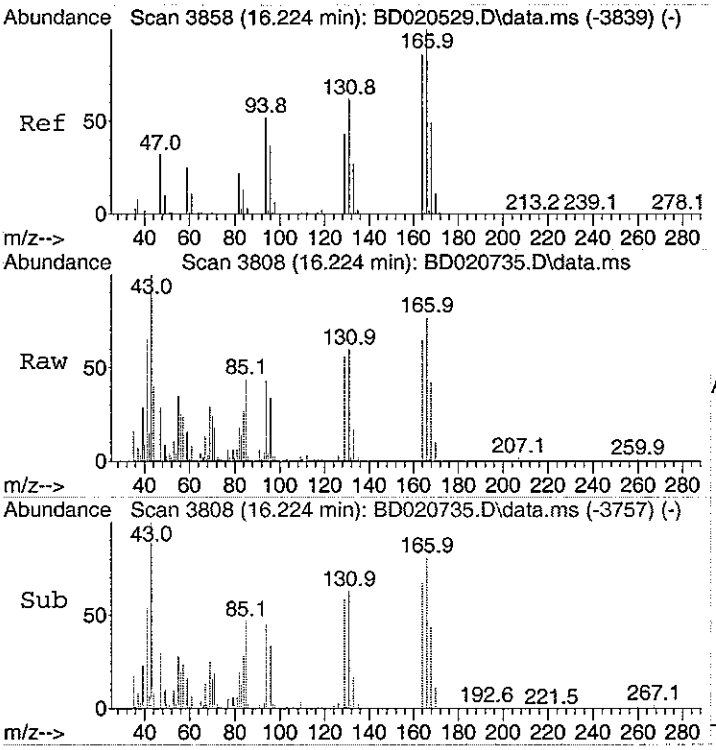


#45
Toluene
Concen: 3.91 ppb
RT: 15.309 min Scan# 3503
Delta R.T. 0.000 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 92 Resp: 269304

Ion	Ratio	Lower	Upper
92	100		
91	168.7	153.2	193.2

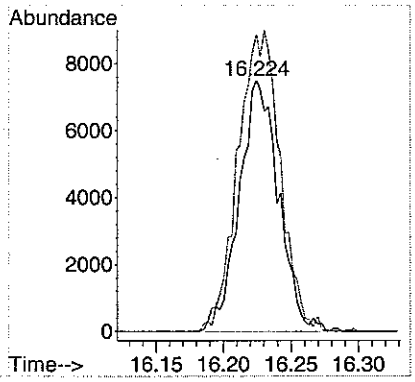


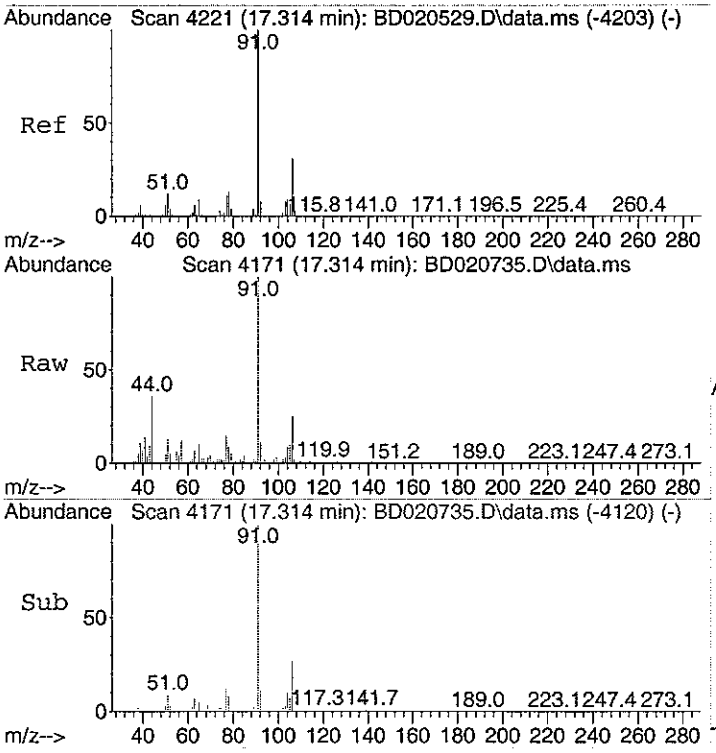


#50
Tetrachloroethylene
Concen: 0.24 ppb
RT: 16.224 min Scan# 3808
Delta R.T. 0.003 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion:164 Resp: 15231

Ion	Ratio	Lower	Upper
164	100		
166	127.5	107.9	147.9

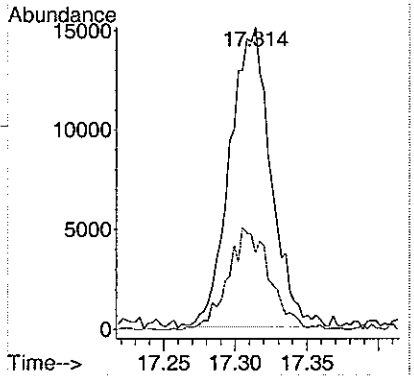


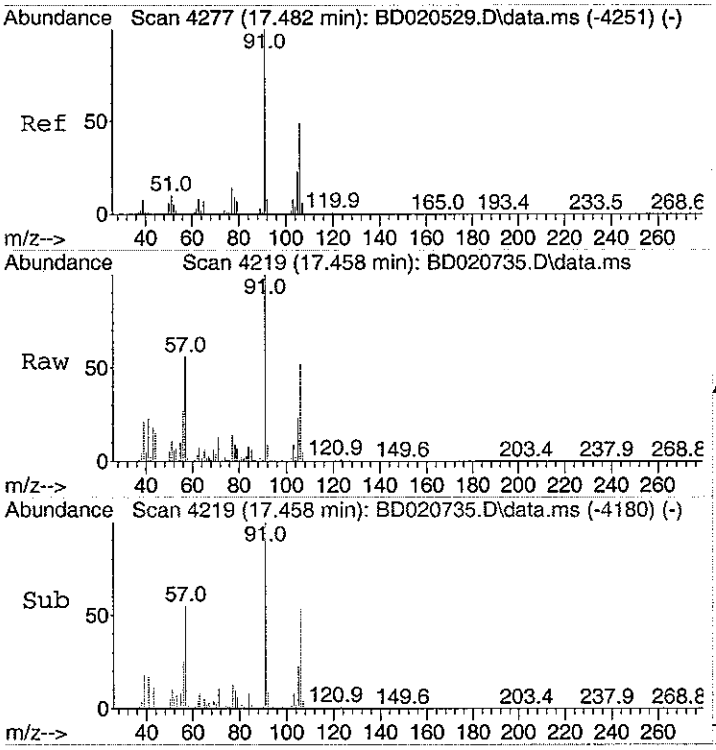


#52
Ethylbenzene
Concen: 0.24 ppb
RT: 17.314 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 91 Resp: 29911

Ion	Ratio	Lower	Upper
91	100		
106	34.7	11.3	51.3

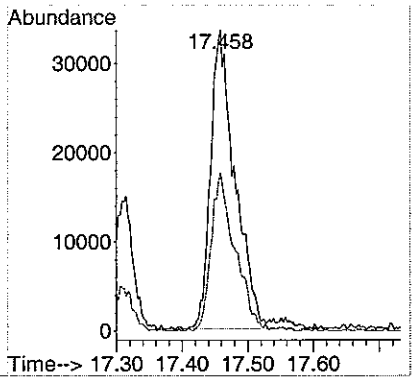


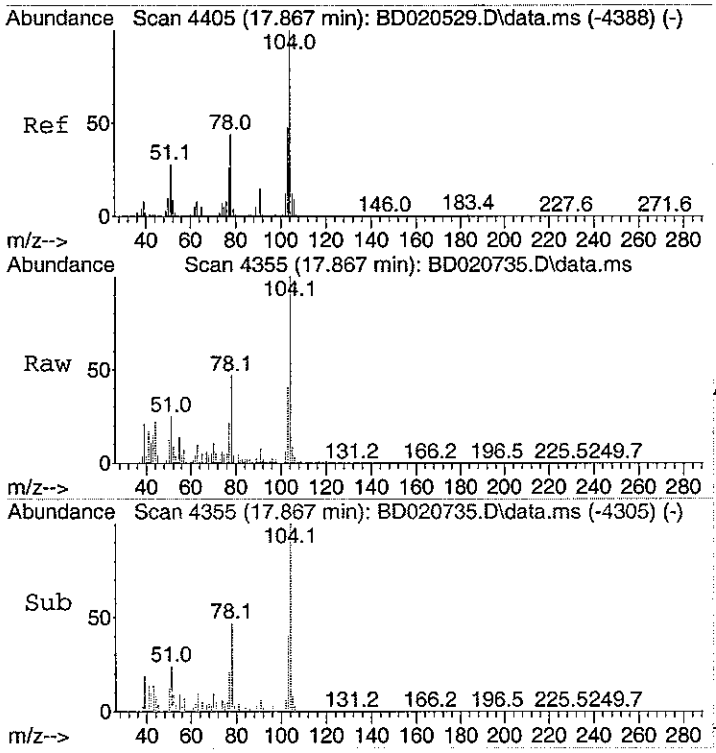


#53
m&p-xylene
Concen: 0.74 ppb
RT: 17.458 min Scan# 4219
Delta R.T. -0.033 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 91 Resp: 89414

Ion	Ratio	Lower	Upper
91	100		
106	51.1	30.4	70.4

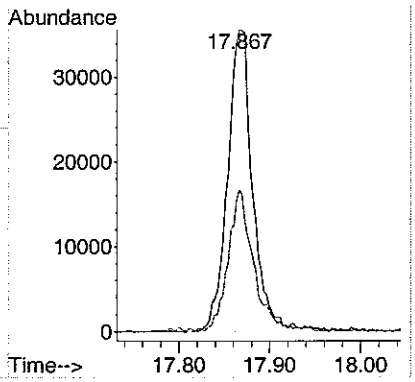


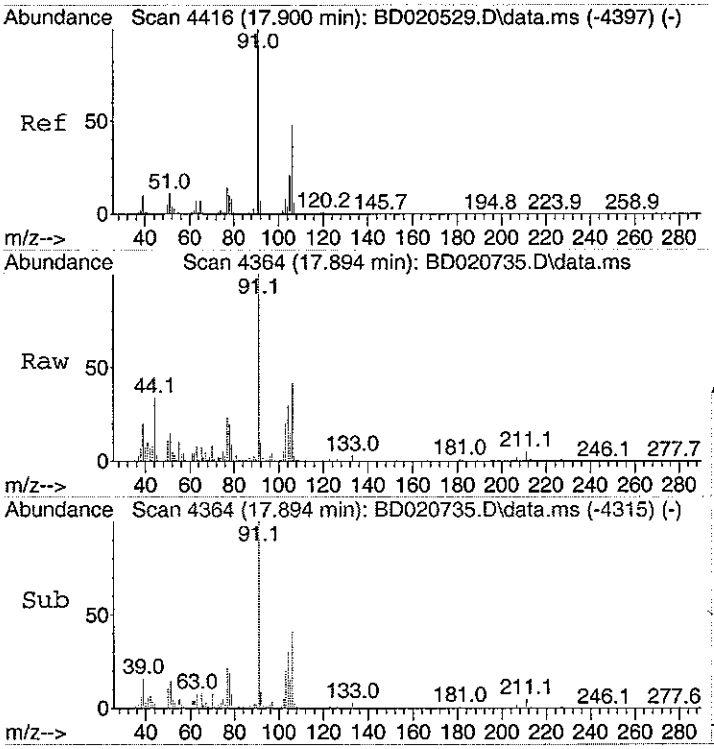


#54
Styrene
Concen: 1.00 ppb
RT: 17.867 min Scan# 4355
Delta R.T. 0.000 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion:104 Resp: 68865

Ion	Ratio	Lower	Upper
104	100		
78	47.4	39.7	79.7

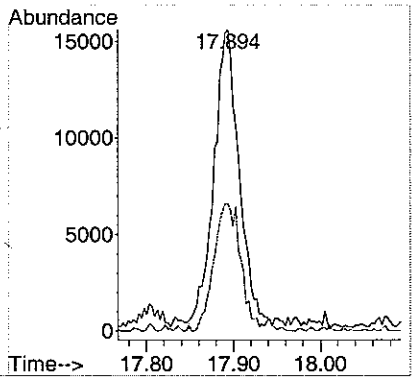


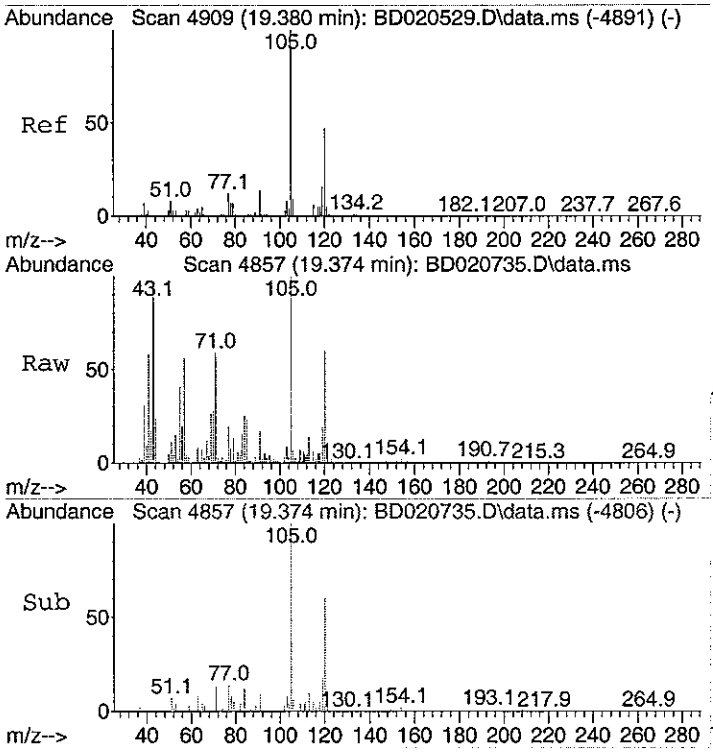


#56
o-xylene
Concen: 0.25 ppb
RT: 17.894 min Scan# 4364
Delta R.T. -0.003 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion: 91 Resp: 33611

Ion	Ratio	Lower	Upper
91	100		
106	43.3	27.2	67.2

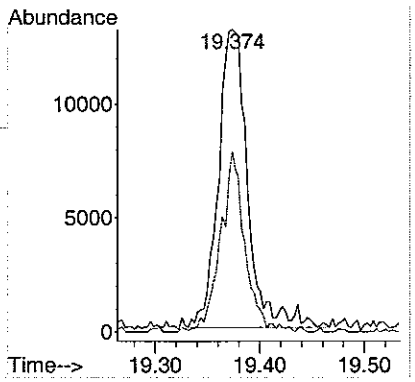




#61
1,2,4-trimethylbenzene
Concen: 0.28 ppb
RT: 19.374 min Scan# 4857
Delta R.T. 0.003 min
Lab File: BD020735.D
Acq: 8 Feb 2008 12:05 pm

Tgt Ion:105 Resp: 25591

Ion	Ratio	Lower	Upper
105	100		
120	50.2	29.6	69.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020912.D
Acq On : 9 Feb 2008 11:02 pm
Operator :
Sample : C0802002-002A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 13 12:16:39 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

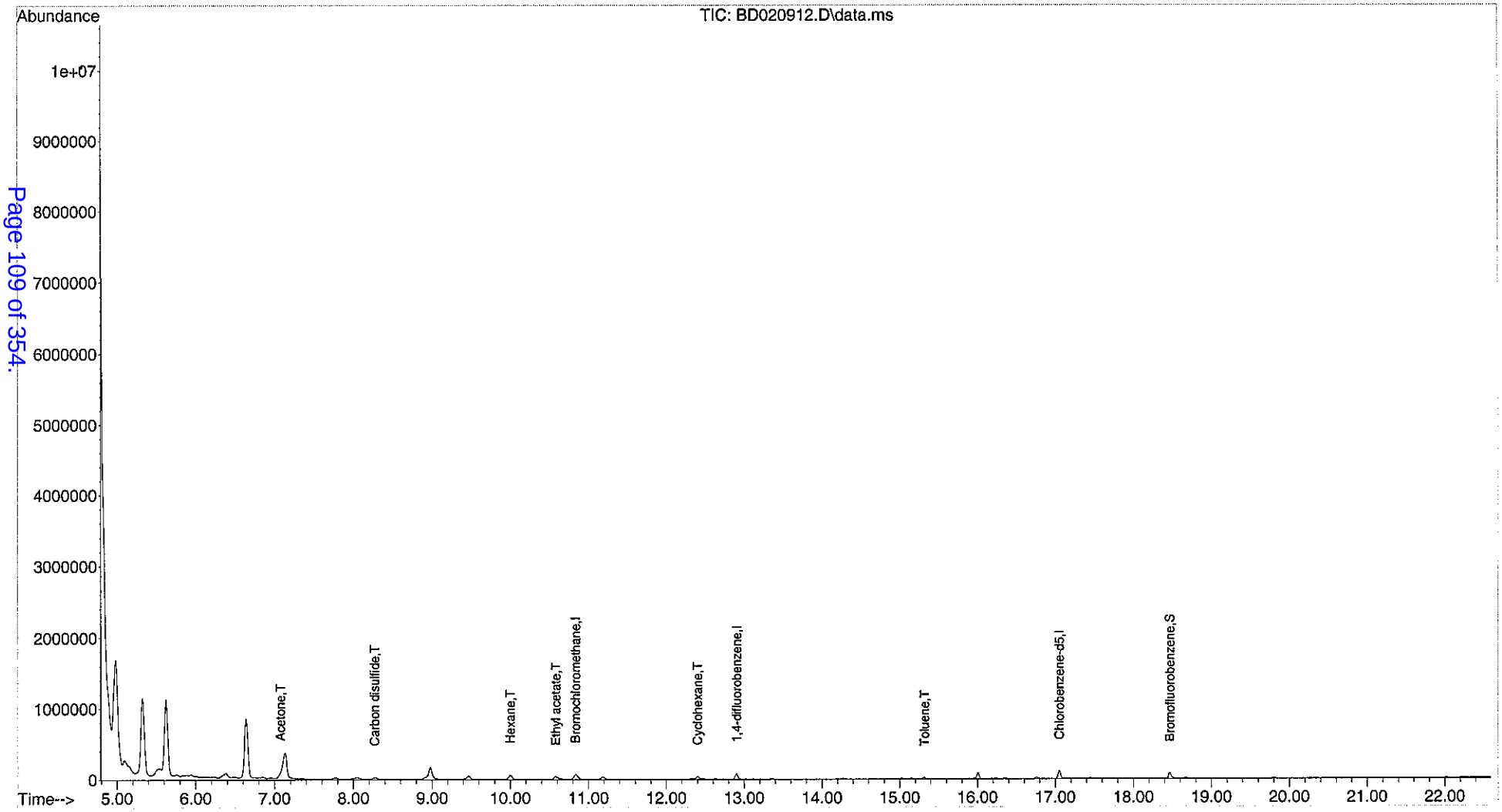
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.833	128	31910	1.00	ppb	#	0.02
30) 1,4-difluorobenzene	12.901	114	77416	1.00	ppb		0.02
44) Chlorobenzene-d5	17.050	117	79817	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.467	95	29511	0.72	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 72.00%				
Target Compounds							Qvalue
12) Acetone	7.071	58	28661	1.11	ppb	#	1
18) Carbon disulfide	8.269	76	46774	0.27	ppb		91
25) Hexane	9.995	41	26055	0.53	ppb	#	51
26) Ethyl acetate	10.581	43	89162	1.30	ppb		98
32) Cyclohexane	12.397	56	14306	0.31	ppb	#	85
45) Toluene	15.315	92	9230	0.13	ppb		96

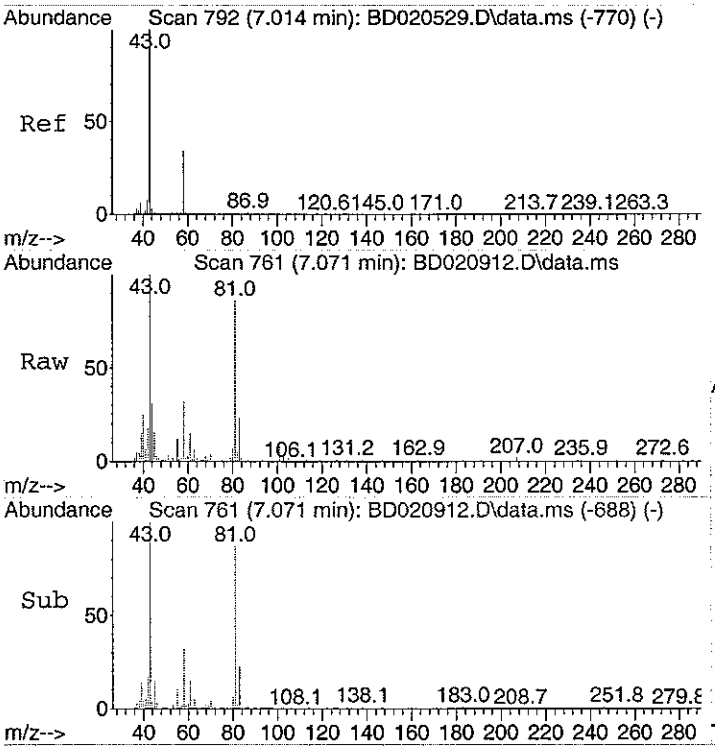
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020912.D
Acq On : 9 Feb 2008 11:02 pm
Operator :
Sample : C0802002-002A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 13 12:16:39 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

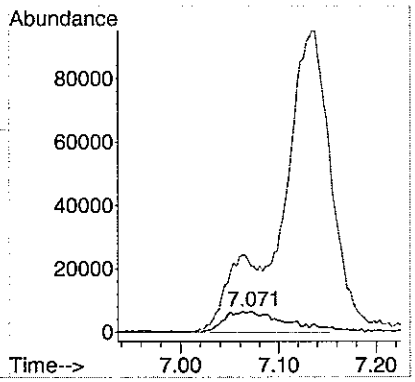


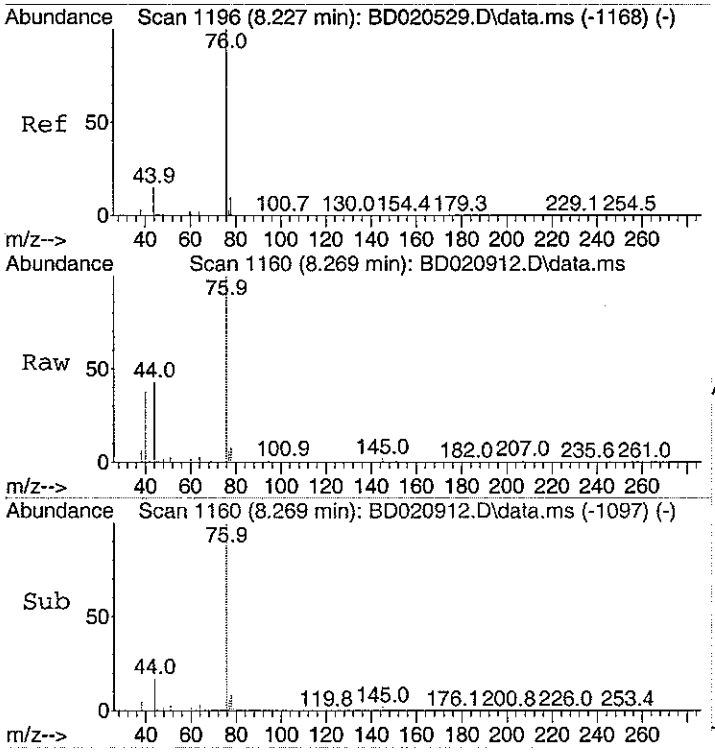


#12
Acetone
Concen: 1.11 ppb
RT: 7.071 min Scan# 761
Delta R.T. 0.069 min
Lab File: BD020912.D
Acq: 9 Feb 2008 11:02 pm

Tgt Ion: 58 Resp: 28661

Ion	Ratio	Lower	Upper
58	100		
43	0.0	385.5	445.5#

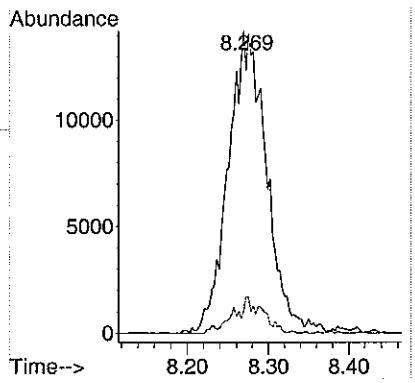


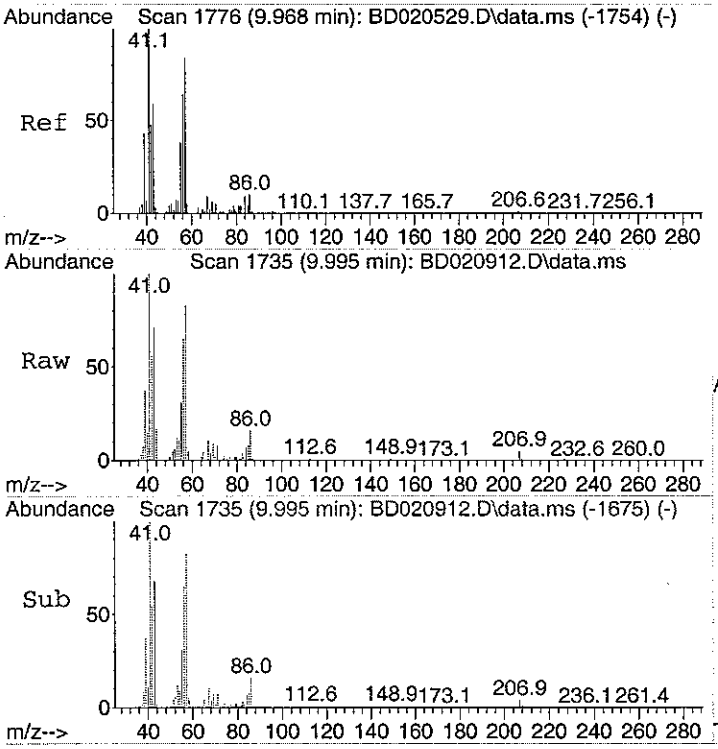


#18
Carbon disulfide
Concen: 0.27 ppb
RT: 8.269 min Scan# 1160
Delta R.T. 0.039 min
Lab File: BD020912.D
Acq: 9 Feb 2008 11:02 pm

Tgt Ion: 76 Resp: 46774

Ion	Ratio	Lower	Upper
76	100		
78	5.9	0.0	29.2

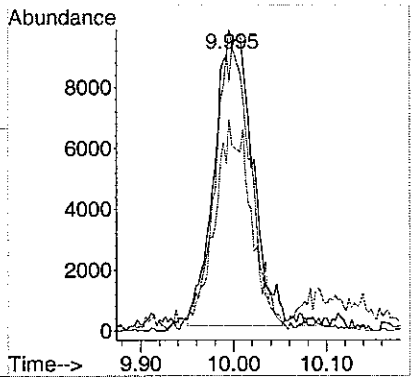


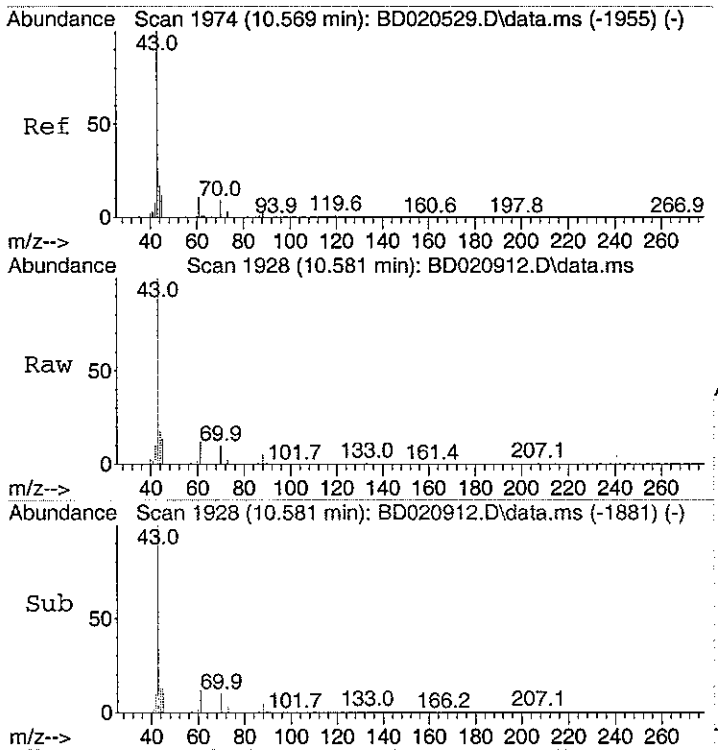


#25
Hexane
Concen: 0.53 ppb
RT: 9.995 min Scan# 1735
Delta R.T. 0.030 min
Lab File: BD020912.D
Acq: 9 Feb 2008 11:02 pm

Tgt Ion: 41 Resp: 26055

Ion	Ratio	Lower	Upper
41	100		
57	88.3	72.3	112.3
43	74.6	157.2	197.2#

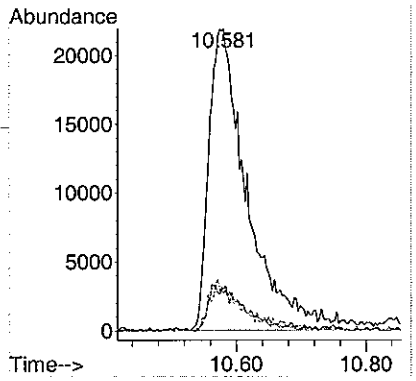


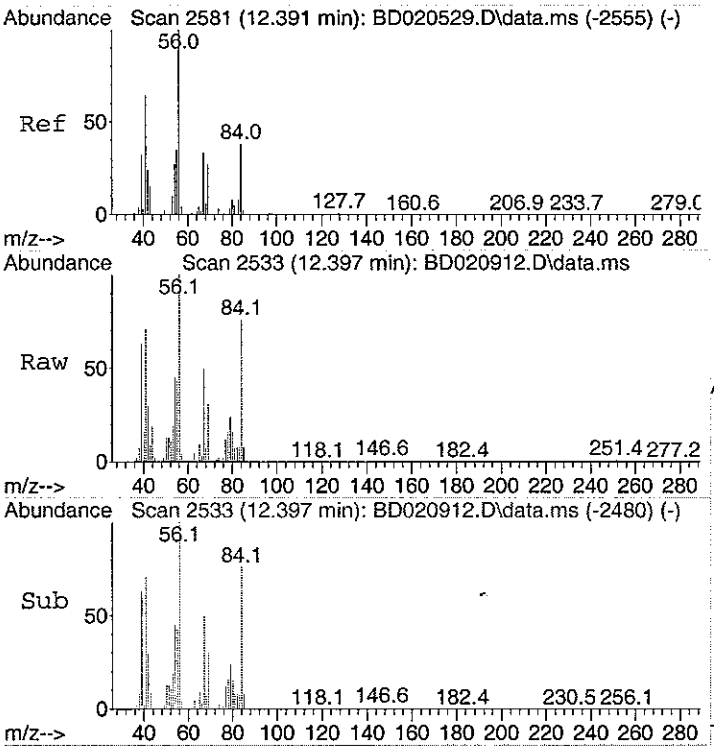


#26
Ethyl acetate
Concen: 1.30 ppb
RT: 10.581 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BD020912.D
Acq: 9 Feb 2008 11:02 pm

Tgt Ion: 43 Resp: 89162

Ion	Ratio	Lower	Upper
43	100		
45	14.9	0.0	33.7
61	12.8	0.0	32.5

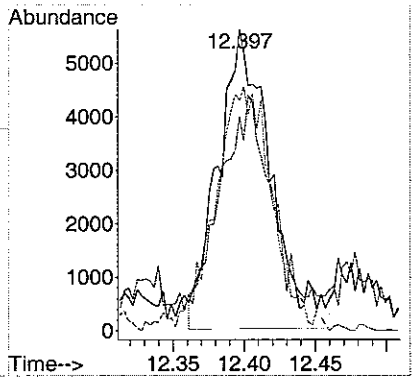


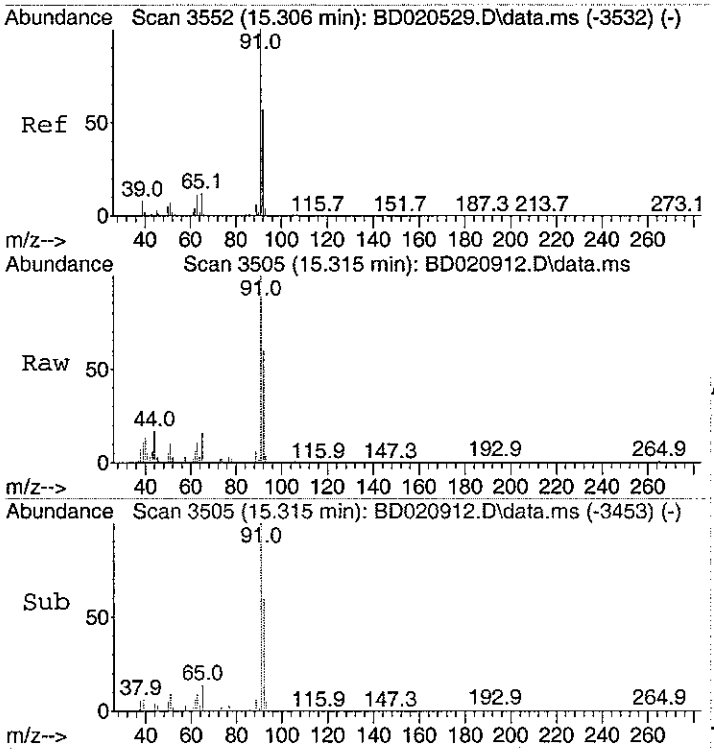


#32
Cyclohexane
Concen: 0.31 ppb
RT: 12.397 min Scan# 2533
Delta R.T. 0.009 min
Lab File: BD020912.D
Acq: 9 Feb 2008 11:02 pm

Tgt Ion: 56 Resp: 14306

Ion	Ratio	Lower	Upper
56	100		
41	97.9	57.7	97.7#
84	84.4	58.0	98.0

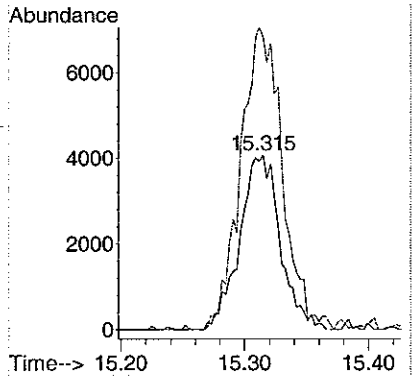




#45
Toluene
Concen: 0.13 ppb
RT: 15.315 min Scan# 3505
Delta R.T. 0.006 min
Lab File: BD020912.D
Acq: 9 Feb 2008 11:02 pm

Tgt Ion: 92 Resp: 9230

Ion	Ratio	Lower	Upper
92	100		
91	178.6	153.2	193.2



Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP3-SVI
Lab Order:	C0802002	**Tag Number:**	84, 186
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-2			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2,4-Trimethylbenzene	0.290	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
2,2,4-trimethylpentane	0.170	0.150		ppbV	1	2/8/2008 12:39:00 PM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Acetone	10.3	3.00		ppbV	10	2/10/2008 12:08:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Benzene	0.920	0.150		ppbV	1	2/8/2008 12:39:00 PM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromoform	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Carbon disulfide	0.870	0.150		ppbV	1	2/8/2008 12:39:00 PM
Carbon tetrachloride	0.0500	0.0400		ppbV	1	2/8/2008 12:39:00 PM
Chlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloroform	0.190	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Cyclohexane	1.10	1.50	J	ppbV	10	2/10/2008 12:08:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Ethyl acetate	12.7	2.50		ppbV	10	2/10/2008 12:08:00 AM
Ethylbenzene	0.370	0.150		ppbV	1	2/8/2008 12:39:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP3-SVI
Lab Order:	C0802002	**Tag Number:**	84, 186
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	1.05	0.150		ppbV	1	2/8/2008 12:39:00 PM
Freon 113	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Freon 114	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Freon 12	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Heptane	1.19	0.150		ppbV	1	2/8/2008 12:39:00 PM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Hexane	2.50	1.50		ppbV	10	2/10/2008 12:08:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
m&p-Xylene	1.28	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Methylene chloride	0.240	0.150		ppbV	1	2/8/2008 12:39:00 PM
o-Xylene	0.440	0.150		ppbV	1	2/8/2008 12:39:00 PM
Propylene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Styrene	1.12	0.150		ppbV	1	2/8/2008 12:39:00 PM
Tetrachloroethylene	1.50	1.50		ppbV	10	2/10/2008 12:08:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Toluene	1.70	1.50		ppbV	10	2/10/2008 12:08:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Trichloroethene	0.0800	0.0400		ppbV	1	2/8/2008 12:39:00 PM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Vinyl chloride	ND	0.0400		ppbV	1	2/8/2008 12:39:00 PM
Surr: Bromofluorobenzene	137	70-130	S	%REC	1	2/8/2008 12:39:00 PM
Surr: Bromofluorobenzene	73.0	70-130		%REC	10	2/10/2008 12:08:00 AM

NOTES:

* Based on the chromatographic evidence, it appears that the contamination is from a fuel.

Surrogate reported in original analysis and dilutions.

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits	
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit	
	S	Spike Recovery outside accepted recovery limits			

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP3-SVI
Lab Order:	C0802002	**Tag Number:**	84, 186
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 12:39:00 PM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 12:39:00 PM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 12:39:00 PM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/8/2008 12:39:00 PM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 12:39:00 PM
1,2,4-Trimethylbenzene	1.45	0.749		ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 12:39:00 PM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 12:39:00 PM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:39:00 PM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 12:39:00 PM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 12:39:00 PM
2,2,4-trimethylpentane	0.807	0.712		ug/m3	1	2/8/2008 12:39:00 PM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 12:39:00 PM
Acetone	24.9	7.24		ug/m3	10	2/10/2008 12:08:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 12:39:00 PM
Benzene	2.99	0.487		ug/m3	1	2/8/2008 12:39:00 PM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 12:39:00 PM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 12:39:00 PM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 12:39:00 PM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 12:39:00 PM
Carbon disulfide	2.75	0.475		ug/m3	1	2/8/2008 12:39:00 PM
Carbon tetrachloride	0.320	0.256		ug/m3	1	2/8/2008 12:39:00 PM
Chlorobenzene	ND	0.702		ug/m3	1	2/8/2008 12:39:00 PM
Chloroethane	ND	0.402		ug/m3	1	2/8/2008 12:39:00 PM
Chloroform	0.943	0.744		ug/m3	1	2/8/2008 12:39:00 PM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:39:00 PM
Cyclohexane	3.85	5.25	J	ug/m3	10	2/10/2008 12:08:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 12:39:00 PM
Ethyl acetate	46.5	9.16		ug/m3	10	2/10/2008 12:08:00 AM
Ethylbenzene	1.63	0.662		ug/m3	1	2/8/2008 12:39:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP3-SVI
Lab Order:	C0802002	**Tag Number:**	84, 186
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
Freon 11	6.00	0.857		ug/m3	1	2/8/2008 12:39:00 PM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 12:39:00 PM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 12:39:00 PM
Freon 12	ND	0.754		ug/m3	1	2/8/2008 12:39:00 PM
Heptane	4.96	0.625		ug/m3	1	2/8/2008 12:39:00 PM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 12:39:00 PM
Hexane	8.96	5.37		ug/m3	10	2/10/2008 12:08:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 12:39:00 PM
m&p-Xylene	5.65	1.32		ug/m3	1	2/8/2008 12:39:00 PM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:39:00 PM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 12:39:00 PM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:39:00 PM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 12:39:00 PM
Methylene chloride	0.847	0.530		ug/m3	1	2/8/2008 12:39:00 PM
o-Xylene	1.94	0.662		ug/m3	1	2/8/2008 12:39:00 PM
Propylene	ND	0.262		ug/m3	1	2/8/2008 12:39:00 PM
Styrene	4.85	0.649		ug/m3	1	2/8/2008 12:39:00 PM
Tetrachloroethylene	10.3	10.3		ug/m3	10	2/10/2008 12:08:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 12:39:00 PM
Toluene	6.51	5.75		ug/m3	10	2/10/2008 12:08:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:39:00 PM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:39:00 PM
Trichloroethene	0.437	0.218		ug/m3	1	2/8/2008 12:39:00 PM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 12:39:00 PM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 12:39:00 PM
Vinyl chloride	ND	0.104		ug/m3	1	2/8/2008 12:39:00 PM

NOTES:

* Based on the chromatographic evidence, it appears that the contamination is from a fuel.

Surrogate reported in original analysis and dilutions.

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.
ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020736.D
Acq On : 8 Feb 2008 12:39 pm
Operator :
Sample : C0802002-003A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 10:15:14 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

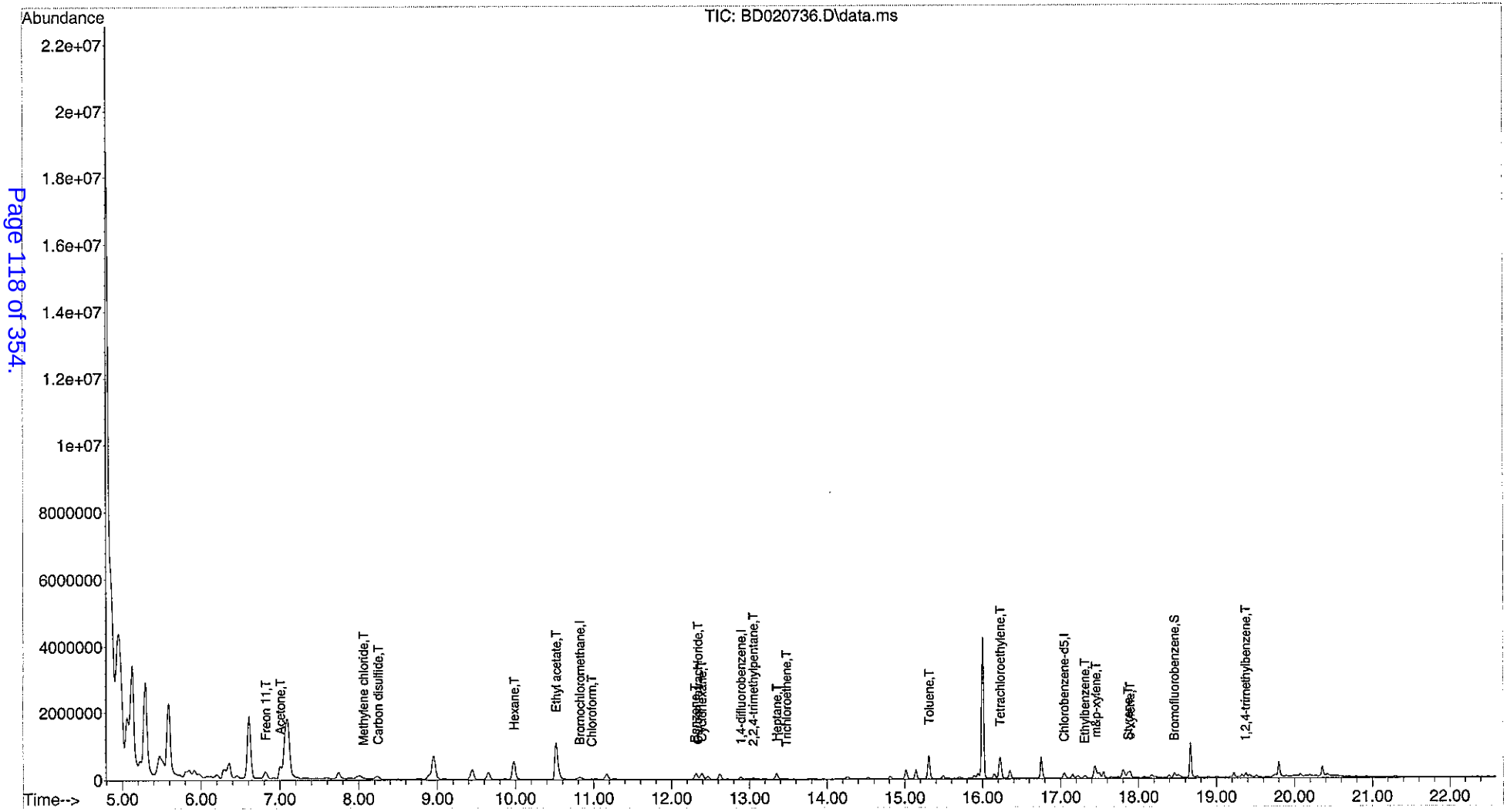
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.824	128	22512	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.892	114	62825	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	79914	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.461	95	55997	1.37	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 137.00%#				
Target Compounds							Qvalue
11) Freon 11	6.822	101	209064	1.05	ppb		97
12) Acetone	7.005	58	203415	11.16	ppb	#	1
16) Methylene chloride	8.059	84	9904m	0.24	ppb		
18) Carbon disulfide	8.245	76	107807	0.87	ppb		86
25) Hexane	9.980	41	242839	7.06	ppb	#	61
26) Ethyl acetate	10.518	43	1912323	39.47	ppb		98
27) Chloroform	10.974	83	18924	0.19	ppb		90
32) Cyclohexane	12.388	56	138787	3.72	ppb	#	71
33) Carbon tetrachloride	12.337	117	6124	0.05	ppb		95
34) Benzene	12.301	78	89540m	0.92	ppb		
36) 2,2,4-trimethylpentane	13.048	57	21975	0.17	ppb	#	28
37) Heptane	13.351	43	50835	1.19	ppb		82
38) Trichloroethene	13.475	130	3854	0.08	ppb		93
45) Toluene	15.309	92	310969	4.54	ppb		97
50) Tetrachloroethylene	16.224	164	139258	2.25	ppb		99
52) Ethylbenzene	17.311	91	46916	0.37	ppb		98
53) m&p-xylene	17.455	91	153304	1.28	ppb		99
54) Styrene	17.866	104	76747	1.12	ppb		85
56) o-xylene	17.893	91	58083	0.44	ppb		98
61) 1,2,4-trimethylbenzene	19.373	105	26042	0.29	ppb		100

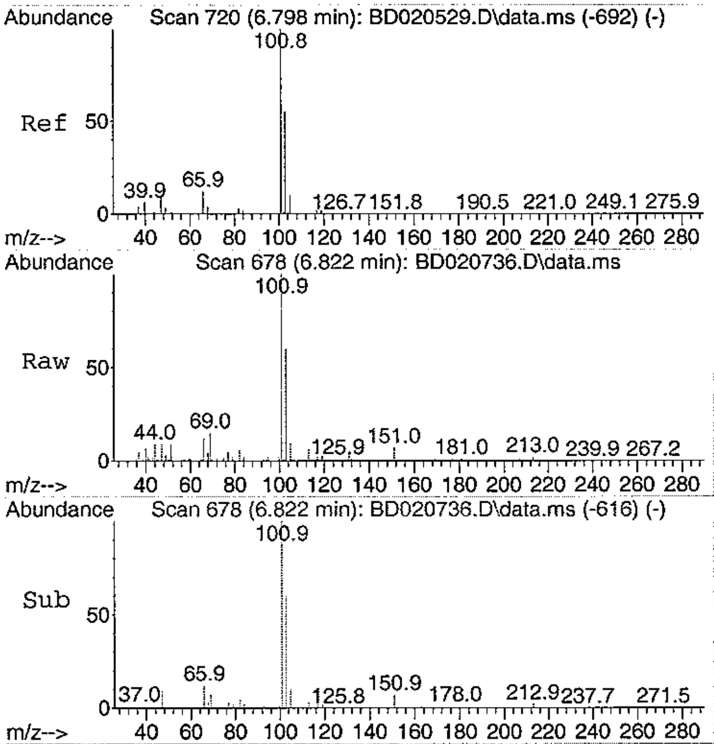
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020736.D
Acq On : 8 Feb 2008 12:39 pm
Operator :
Sample : C0802002-003A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

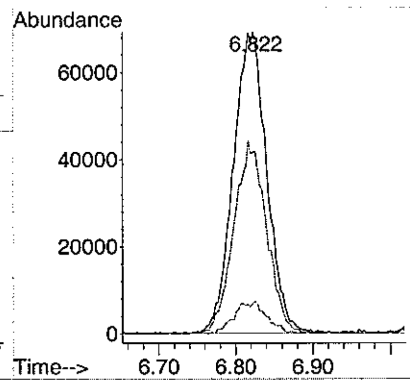
Quant Time: Feb 13 10:15:14 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

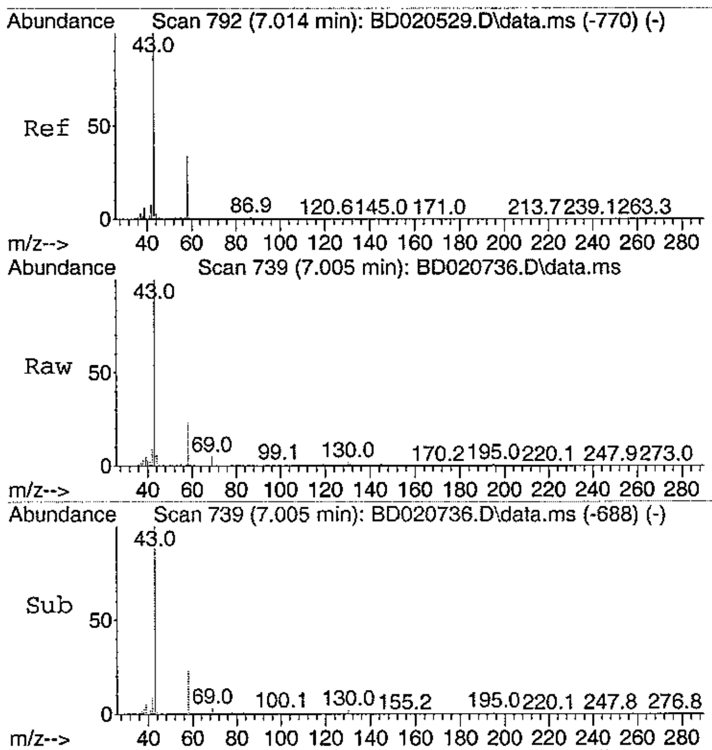




#11
Freon 11
Concen: 1.05 ppb
RT: 6.822 min Scan# 678
Delta R.T. 0.036 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

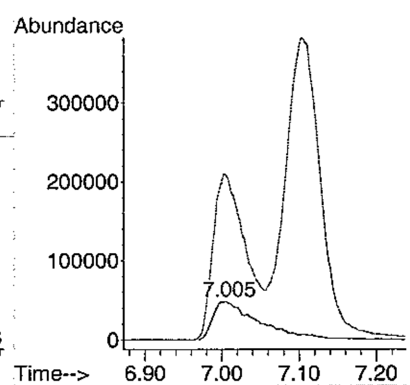
Tgt	Ion:101	Resp:	209064
Ion	Ratio	Lower	Upper
101	100		
103	62.4	45.3	85.3
105	10.6	0.0	30.8

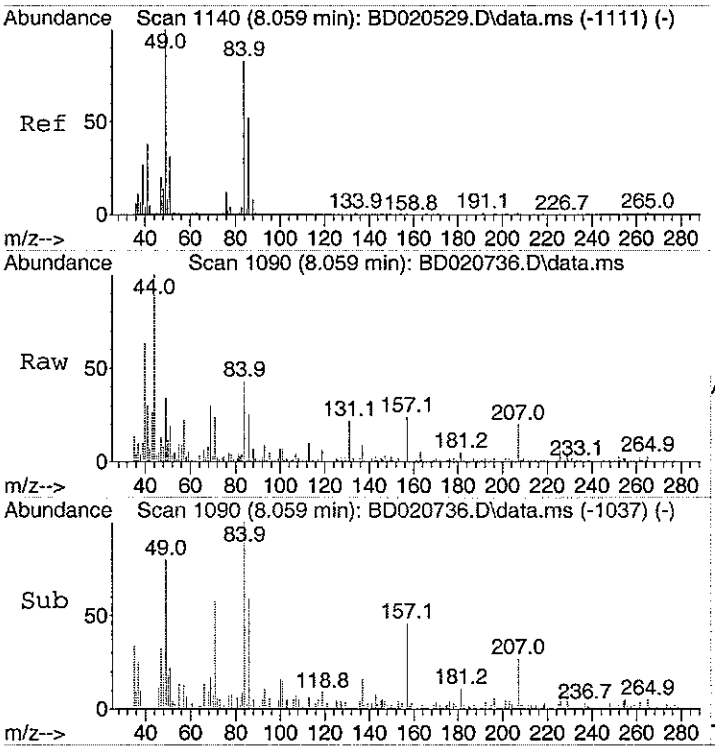




#12
Acetone
Concen: 11.16 ppb
RT: 7.005 min Scan# 739
Delta R.T. 0.003 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt	Ion: 58	Resp:	203415
Ion	Ratio	Lower	Upper
58	100		
43	0.0	385.5	445.5#

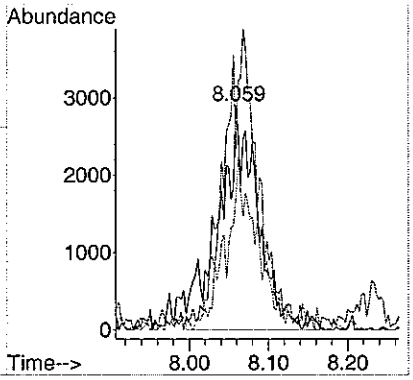


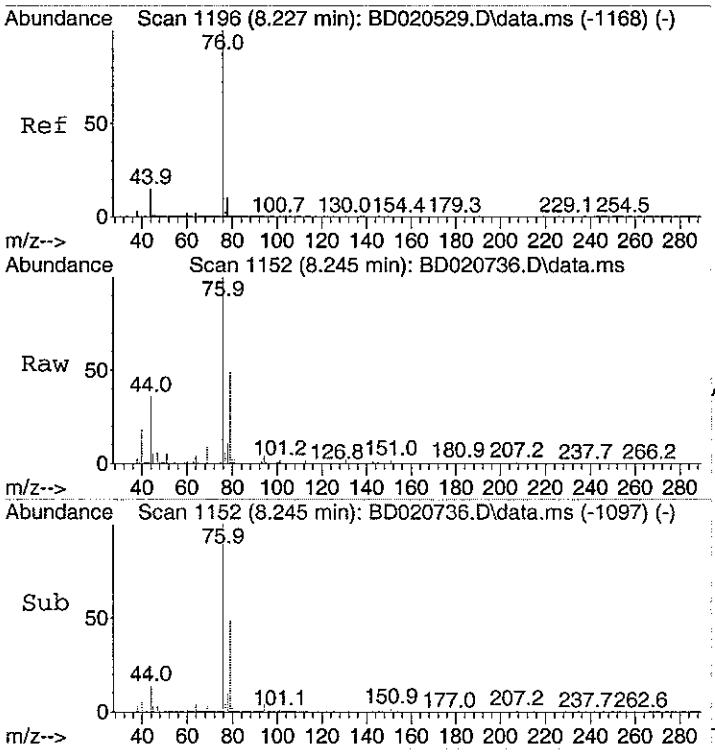


#16
Methylene chloride
Concen: 0.24 ppb m
RT: 8.059 min Scan# 1090
Delta R.T. 0.009 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 84 Resp: 9904

Ion	Ratio	Lower	Upper
84	100		
49	107.2	123.8	163.8#
86	54.1	45.6	85.6

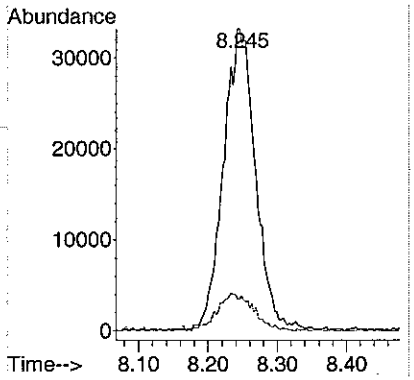


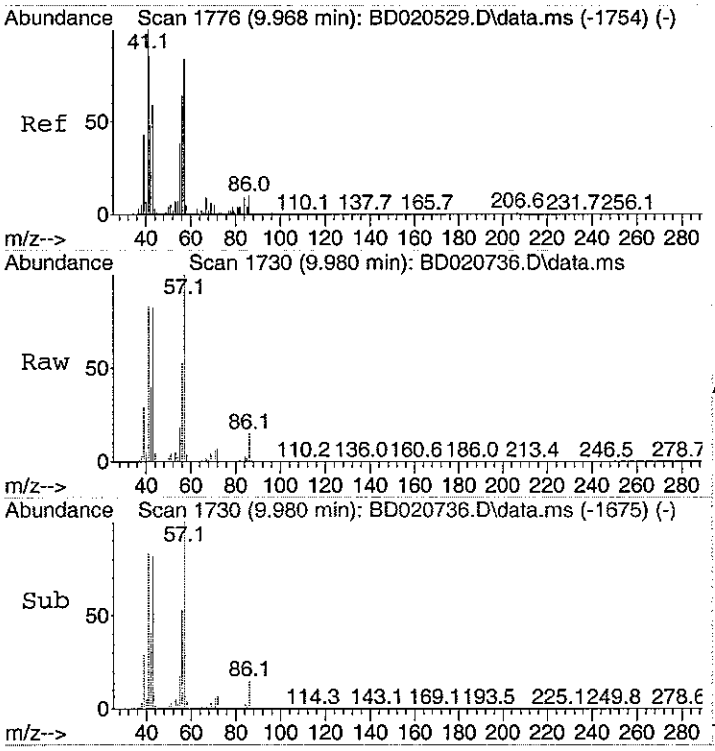


#18
Carbon disulfide
Concen: 0.87 ppb
RT: 8.245 min Scan# 1152
Delta R.T. 0.015 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 76 Resp: 107807

Ion	Ratio	Lower	Upper
76	100		
78	14.1	0.0	29.2

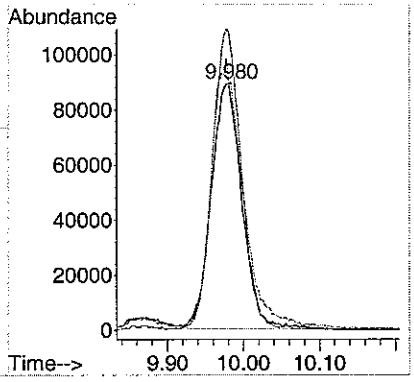


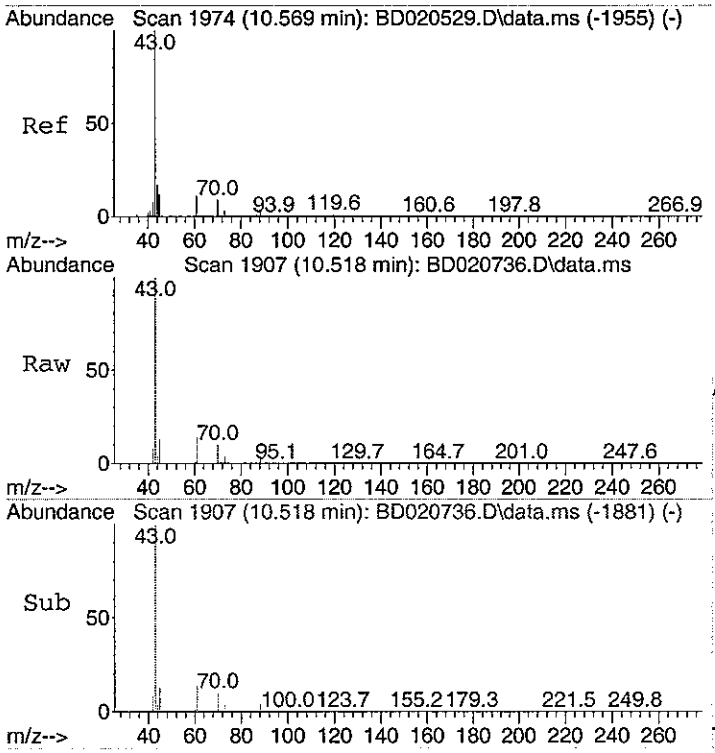


#25
Hexane
Concen: 7.06 ppb
RT: 9.980 min Scan# 1730
Delta R.T. 0.015 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 41 Resp: 242839

Ion	Ratio	Lower	Upper
41	100		
57	116.2	72.3	112.3#
43	112.3	157.2	197.2#

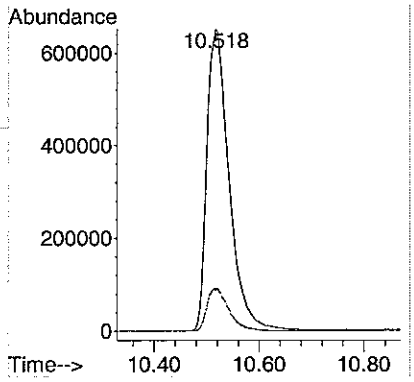


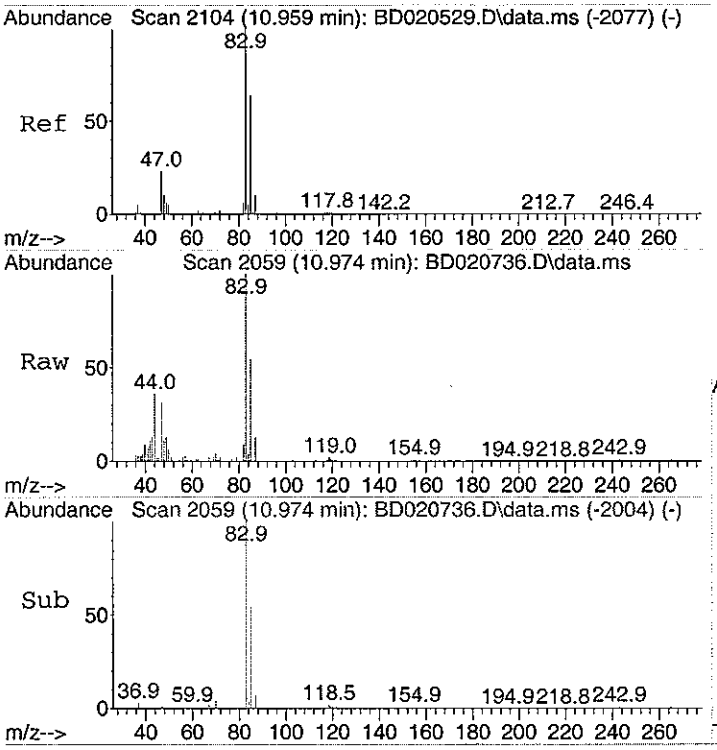


#26
Ethyl acetate
Concen: 39.47 ppb
RT: 10.518 min Scan# 1907
Delta R.T. -0.072 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 43 Resp: 1912323

Ion	Ratio	Lower	Upper
43	100		
45	14.1	0.0	33.7
61	14.1	0.0	32.5

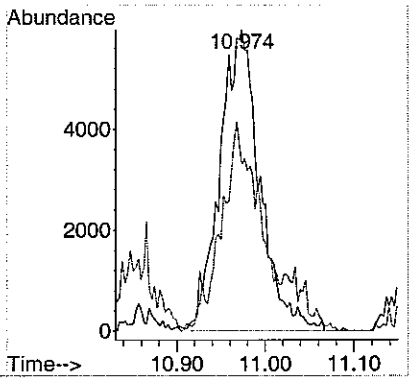


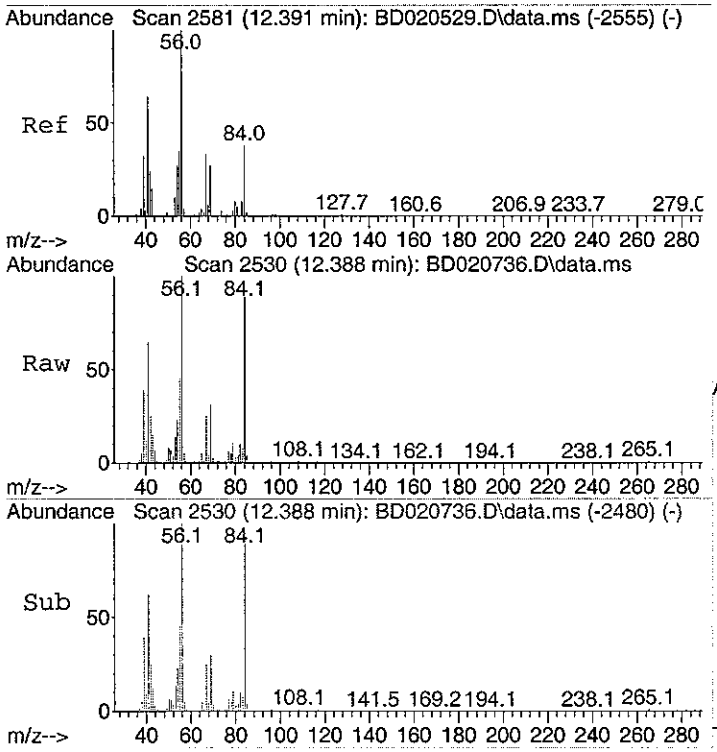


#27
Chloroform
Concen: 0.19 ppb
RT: 10.974 min Scan# 2059
Delta R.T. 0.015 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 83 Resp: 18924

Ion	Ratio	Lower	Upper
83	100		
85	72.2	44.3	84.3

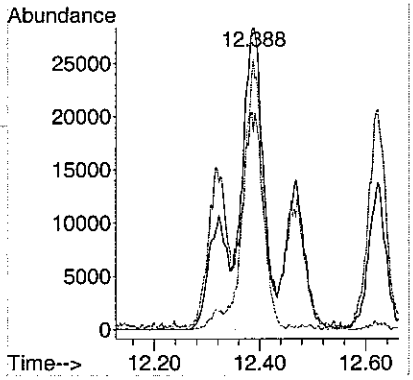


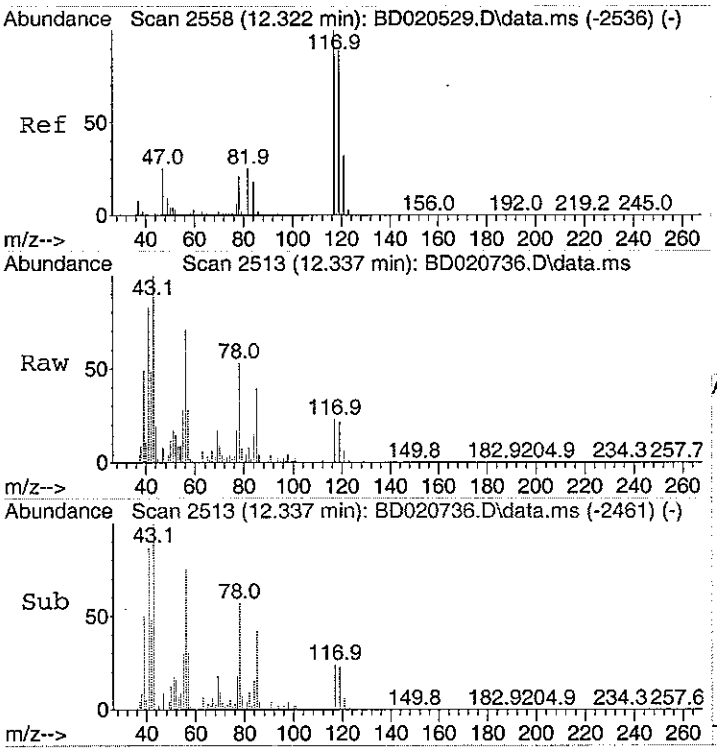


#32
Cyclohexane
Concen: 3.72 ppb
RT: 12.388 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 56 Resp: 138787

Ion	Ratio	Lower	Upper
56	100		
41	91.8	57.7	97.7
84	42.1	58.0	98.0#

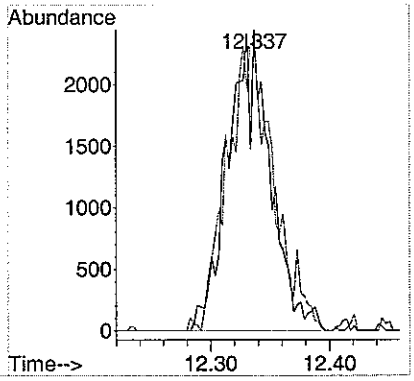


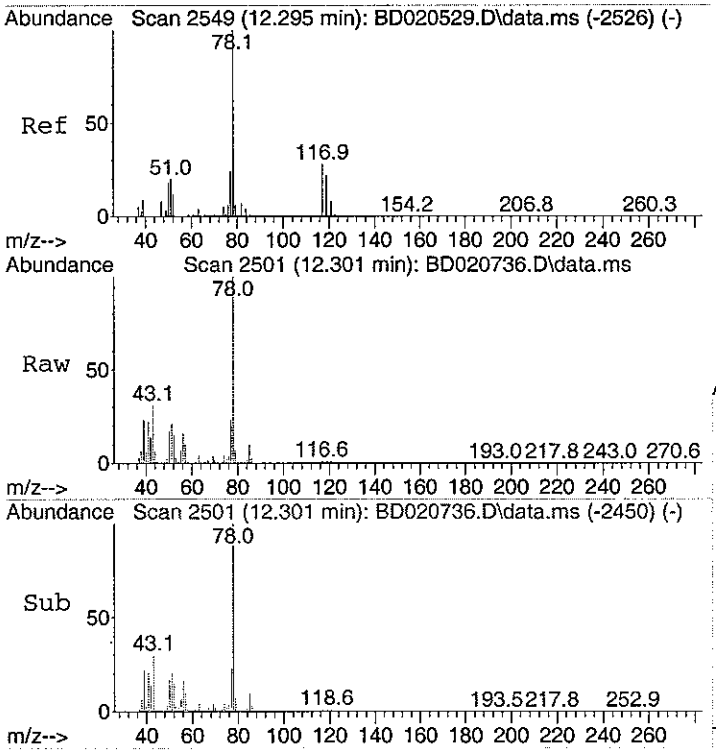


#33
Carbon tetrachloride
Concen: 0.05 ppb
RT: 12.337 min Scan# 2513
Delta R.T. 0.006 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion:117 Resp: 6124

Ion	Ratio	Lower	Upper
117	100		
119	102.2	77.4	117.4

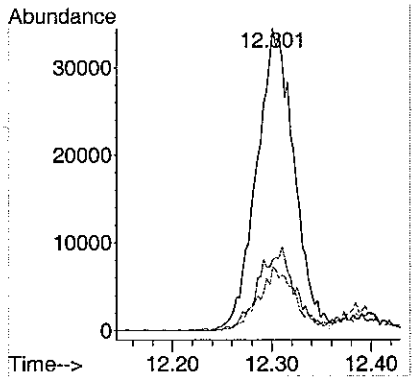


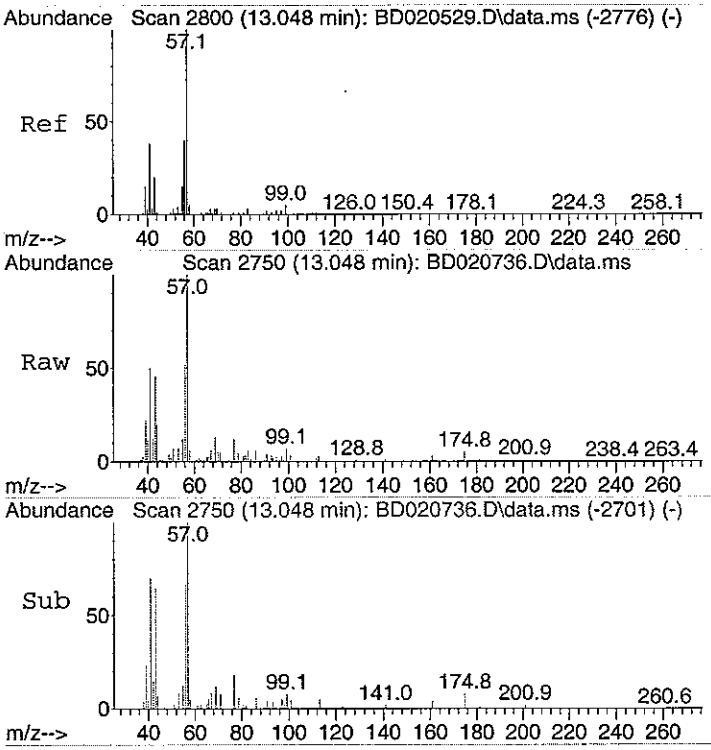


#34
Benzene
Concen: 0.92 ppb m
RT: 12.301 min Scan# 2501
Delta R.T. 0.003 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 78 Resp: 89540

Ion	Ratio	Lower	Upper
78	100		
77	33.0	5.2	45.2
51	20.0	0.0	39.3

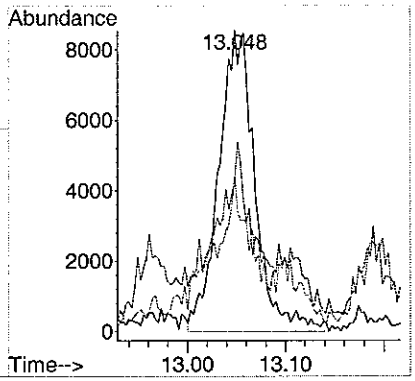


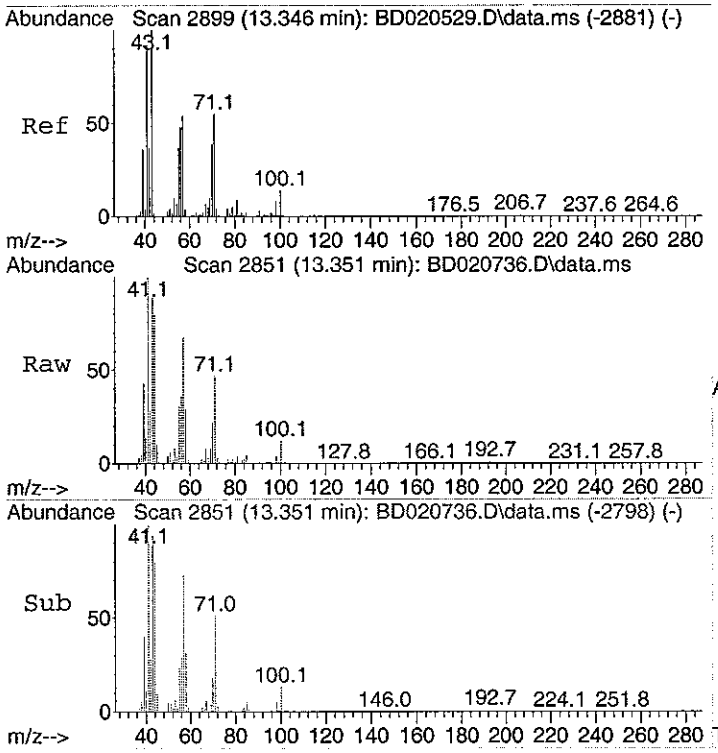


#36
2,2,4-trimethylpentane
Concen: 0.17 ppb
RT: 13.048 min Scan# 2750
Delta R.T. -0.003 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 57 Resp: 21975

Ion	Ratio	Lower	Upper
57	100		
41	111.4	22.7	62.7#
56	64.3	21.7	61.7#

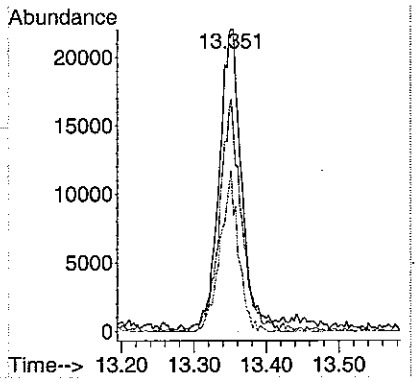


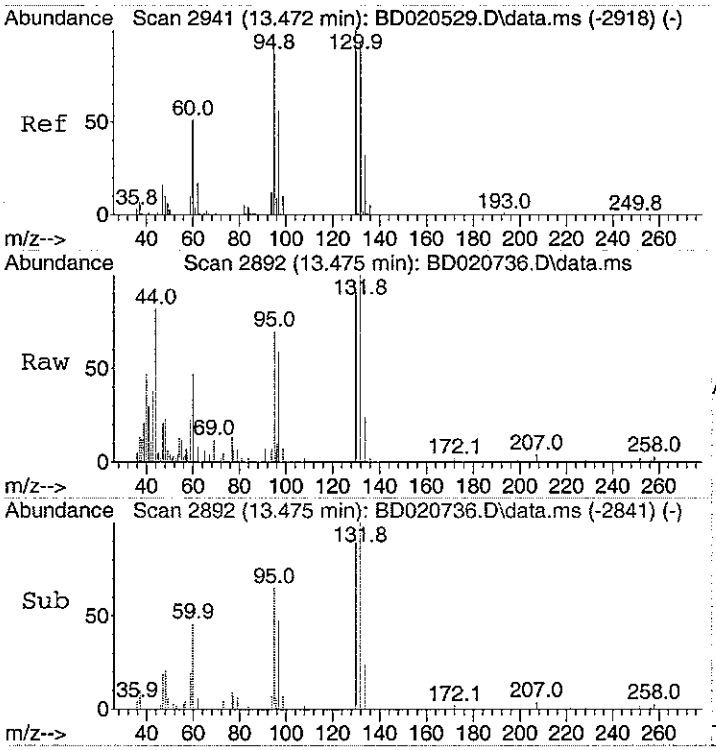


#37
Heptane
Concen: 1.19 ppb
RT: 13.351 min Scan# 2851
Delta R.T. 0.009 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 43 Resp: 50835

Ion	Ratio	Lower	Upper
43	100		
57	69.7	38.6	78.6
71	40.1	36.0	76.0

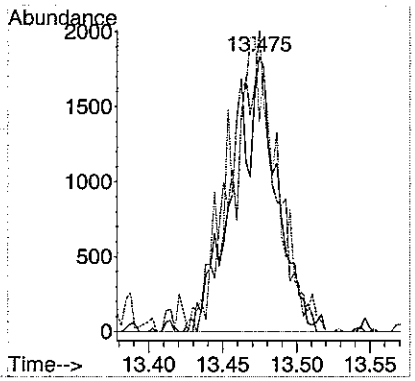


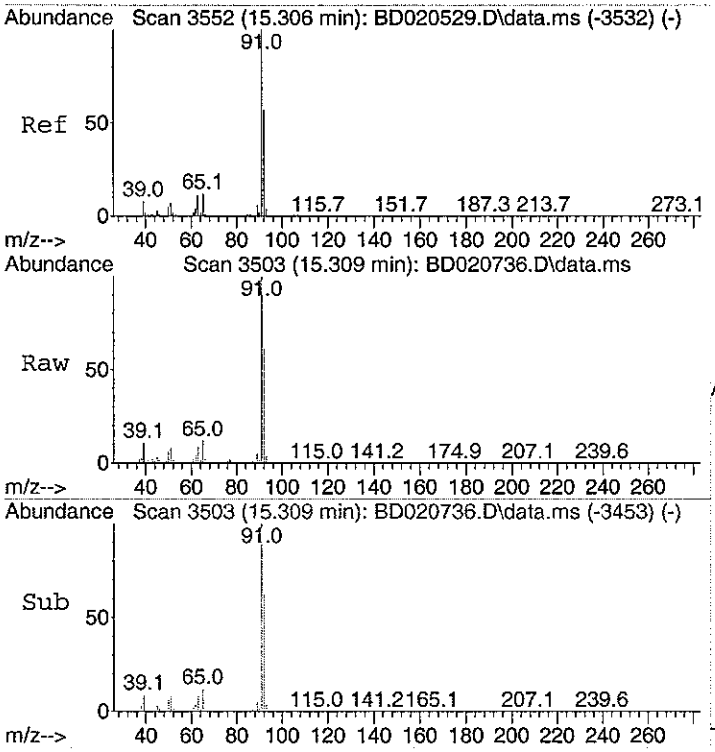


#38
Trichloroethene
Concen: 0.08 ppb
RT: 13.475 min Scan# 2892
Delta R.T. 0.003 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion:130 Resp: 3854

Ion	Ratio	Lower	Upper
130	100		
132	102.5	79.4	119.4
95	114.3	83.0	123.0

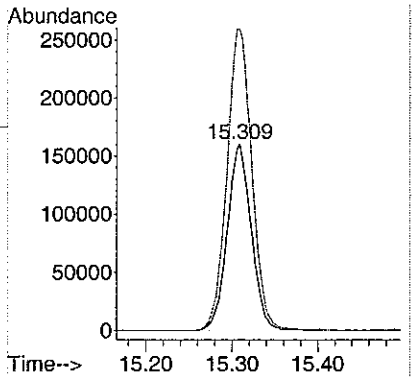


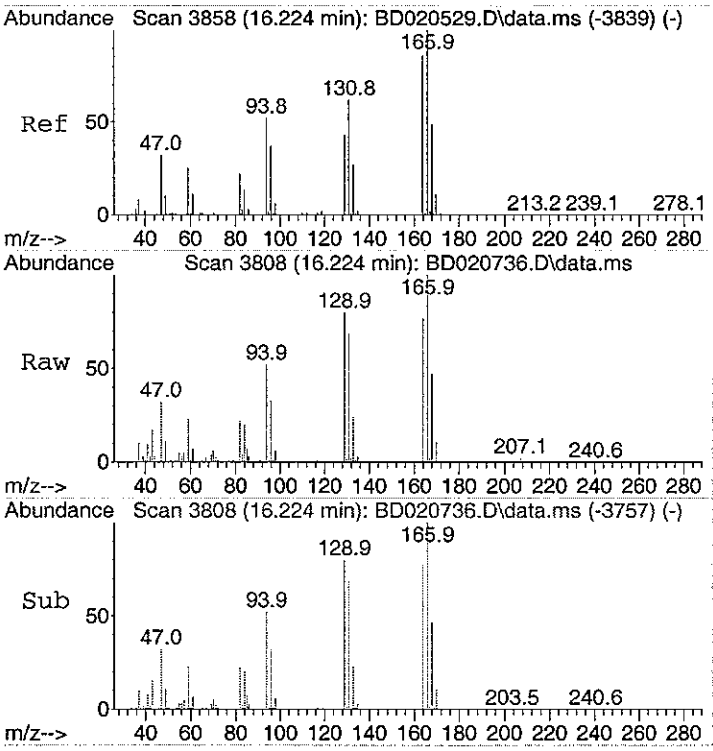


#45
Toluene
Concen: 4.54 ppb
RT: 15.309 min Scan# 3503
Delta R.T. -0.000 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 92 Resp: 310969

Ion	Ratio	Lower	Upper
92	100		
91	168.5	153.2	193.2

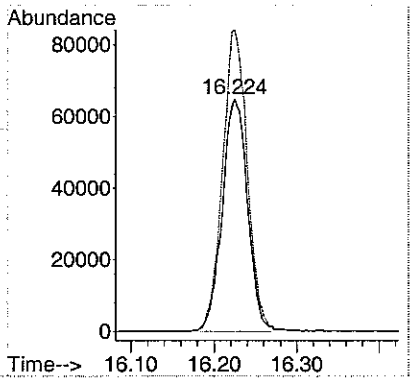


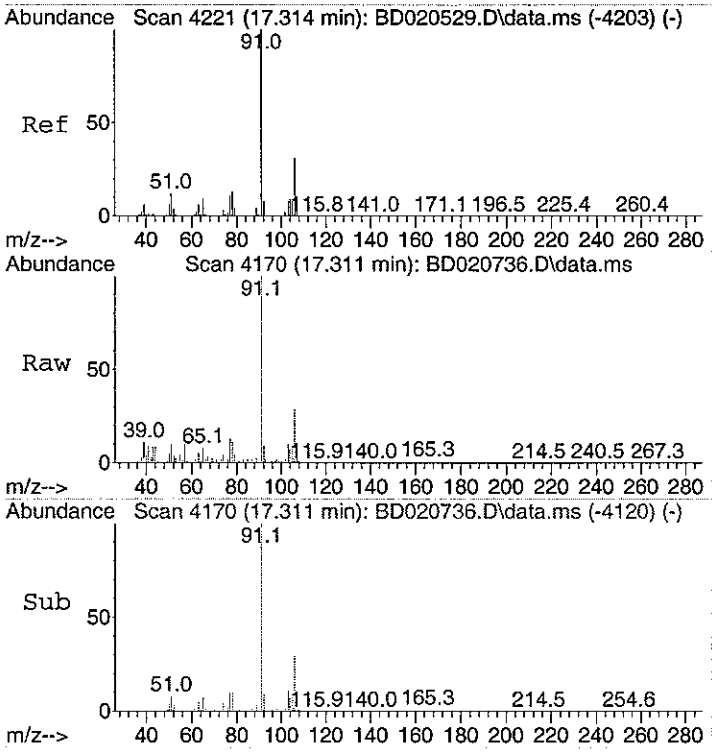


#50
Tetrachloroethylene
Concen: 2.25 ppb
RT: 16.224 min Scan# 3808
Delta R.T. 0.003 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion:164 Resp: 139258

Ion	Ratio	Lower	Upper
164	100		
166	126.6	107.9	147.9

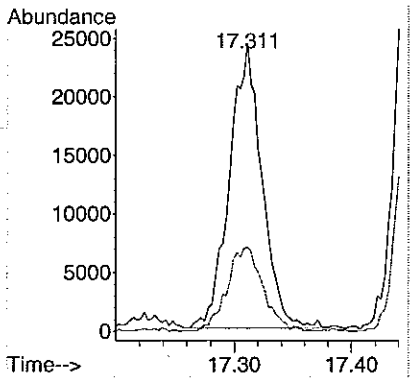


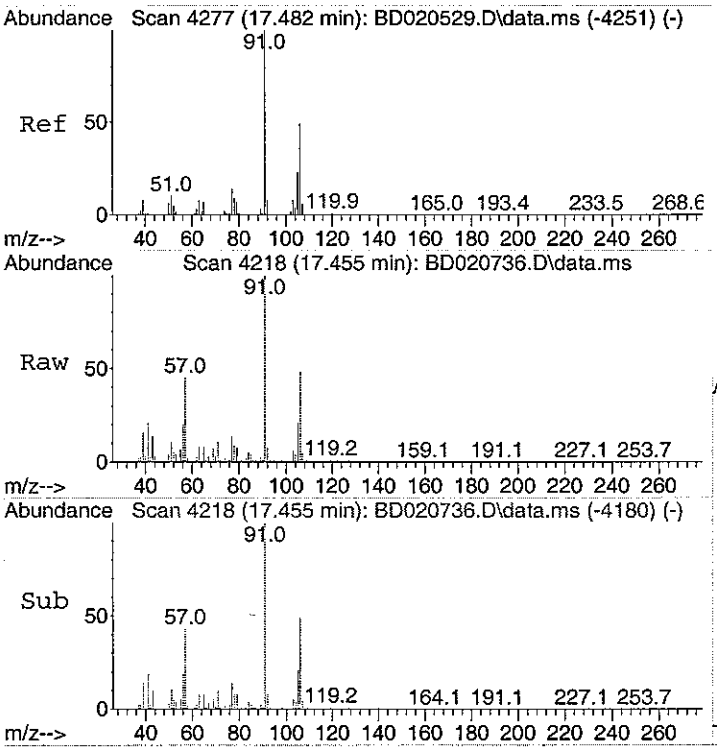


#52
Ethylbenzene
Concen: 0.37 ppb
RT: 17.311 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 91 Resp: 46916

Ion	Ratio	Lower	Upper
91	100		
106	32.3	11.3	51.3

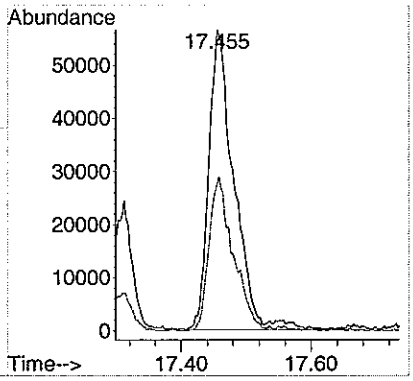


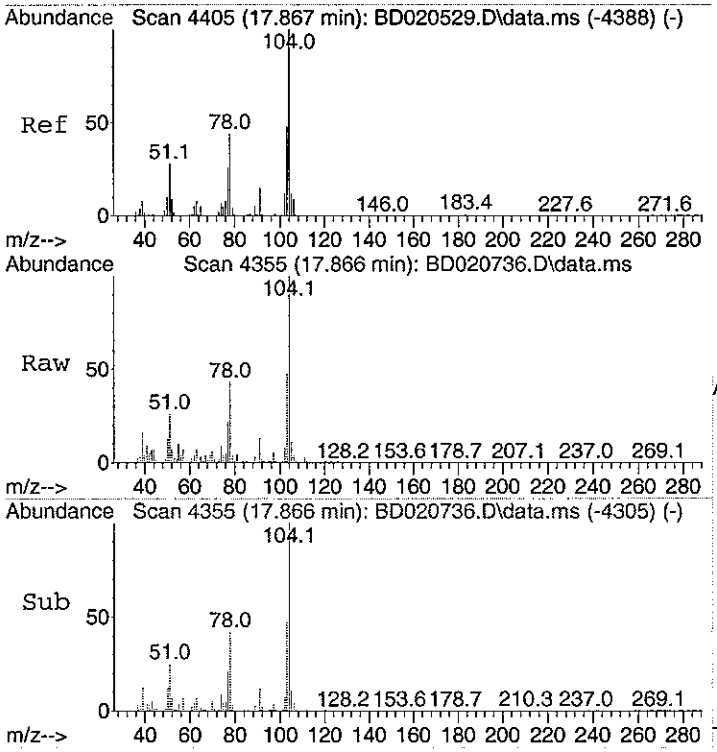


#53
m&p-xylene
Concen: 1.28 ppb
RT: 17.455 min Scan# 4218
Delta R.T. -0.036 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 91 Resp: 153304

Ion	Ratio	Lower	Upper
91	100		
106	49.4	30.4	70.4

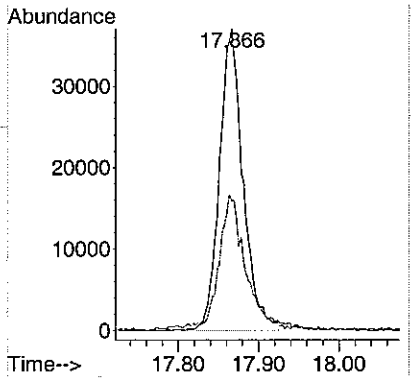


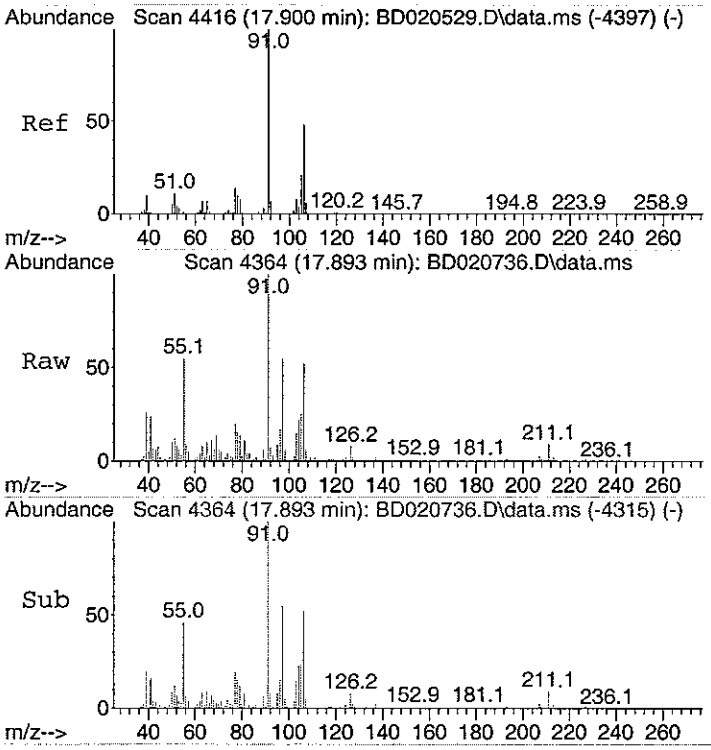


#54
Styrene
Concen: 1.12 ppb
RT: 17.866 min Scan# 4355
Delta R.T. -0.000 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion:104 Resp: 76747

Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.7	79.7

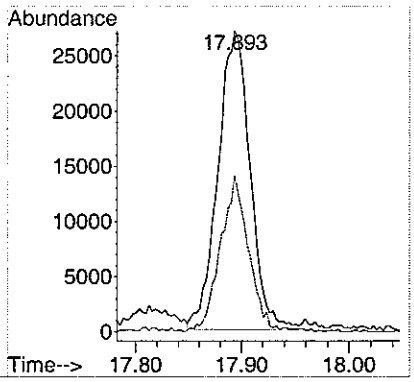


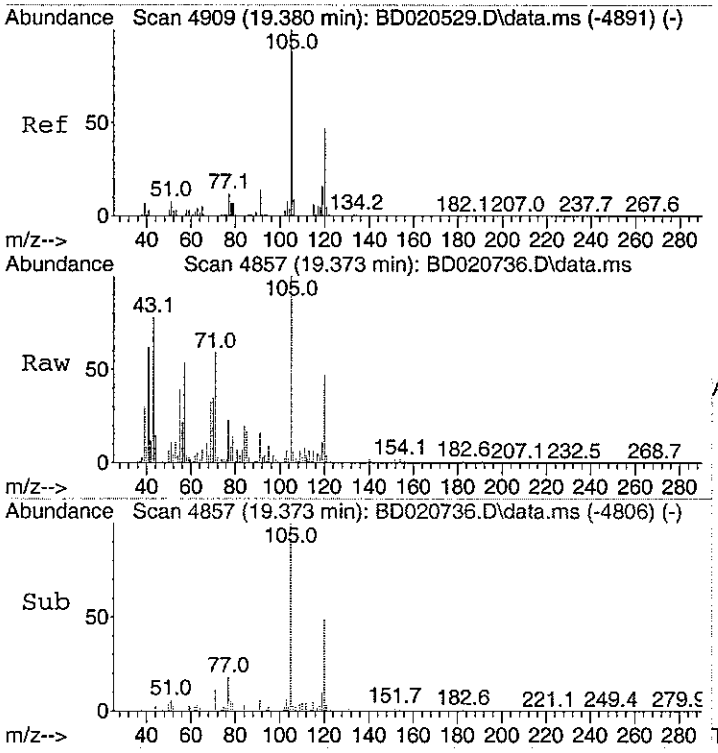


#56
o-xylene
Concen: 0.44 ppb
RT: 17.893 min Scan# 4364
Delta R.T. -0.003 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion: 91 Resp: 58083

Ion	Ratio	Lower	Upper
91	100		
106	46.0	27.2	67.2

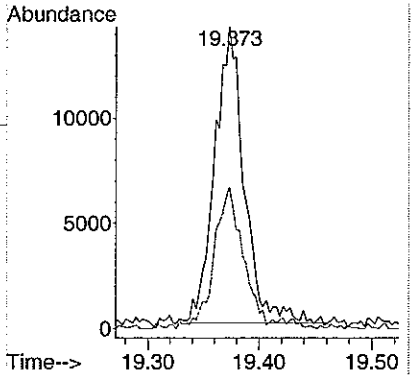




#61
1,2,4-trimethylbenzene
Concen: 0.29 ppb
RT: 19.373 min Scan# 4857
Delta R.T. 0.003 min
Lab File: BD020736.D
Acq: 8 Feb 2008 12:39 pm

Tgt Ion:105 Resp: 26042

Ion	Ratio	Lower	Upper
105	100		
120	49.3	29.6	69.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020914.D
Acq On : 10 Feb 2008 12:08 am
Operator :
Sample : C0802002-003A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 13 12:20:33 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

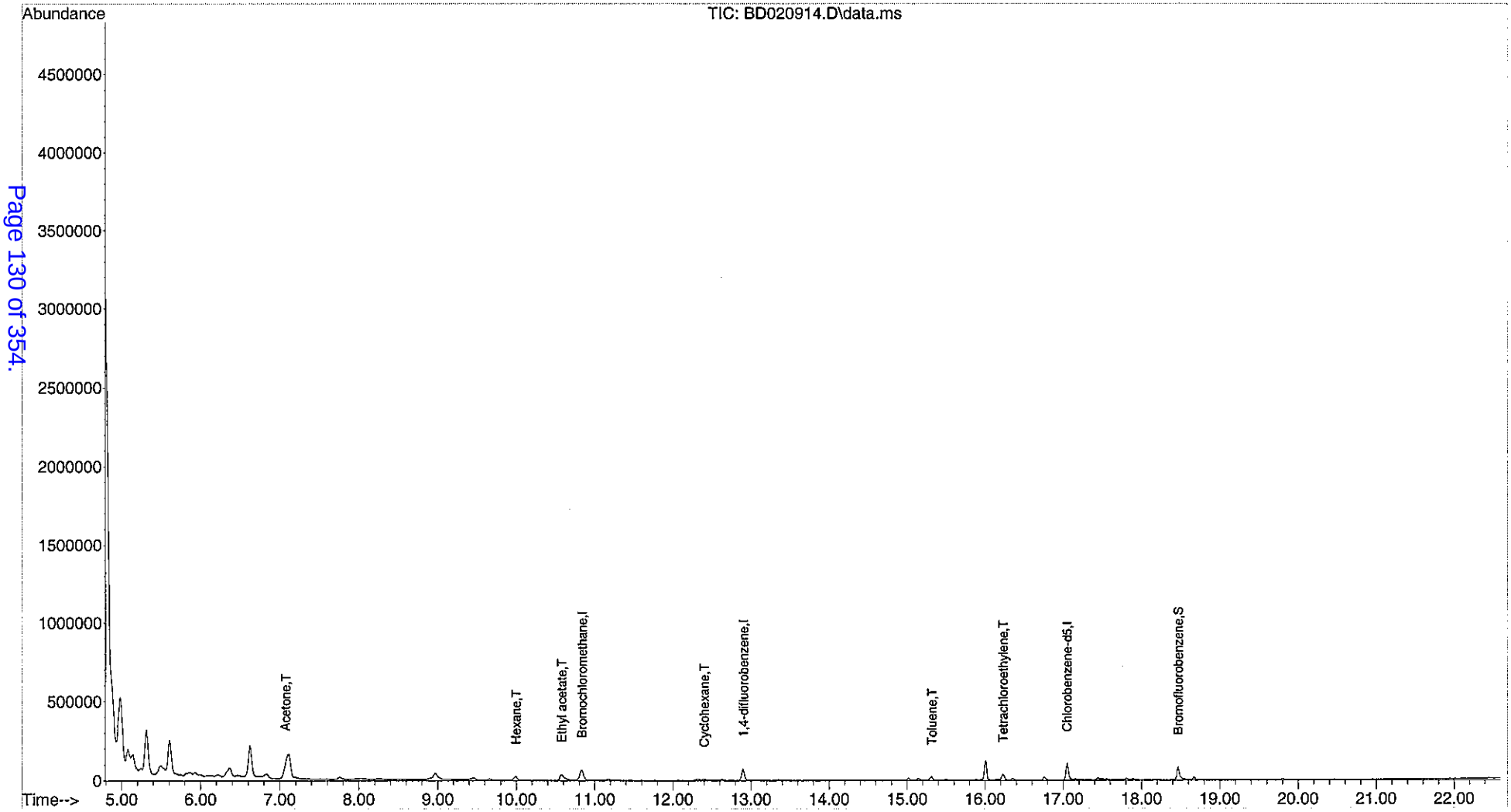
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.836	128	29927	1.00	ppb	#	0.02
30) 1,4-difluorobenzene	12.901	114	70956	1.00	ppb		0.02
44) Chlorobenzene-d5	17.047	117	79504	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.467	95	29444	0.73	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 73.00%				
Target Compounds							Qvalue
12) Acetone	7.071	58	24929	1.03	ppb	#	19
25) Hexane	9.992	41	11541	0.25	ppb	#	39
26) Ethyl acetate	10.575	43	81687	1.27	ppb		98
32) Cyclohexane	12.397	56	4714	0.11	ppb	#	74
45) Toluene	15.315	92	11381	0.17	ppb		97
50) Tetrachloroethylene	16.227	164	9131	0.15	ppb		98

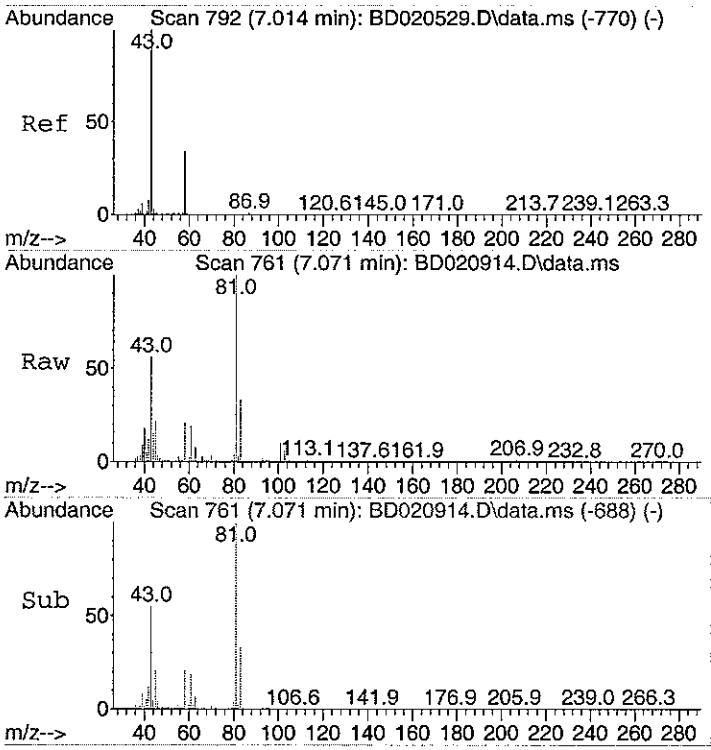
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020914.D
Acq On : 10 Feb 2008 12:08 am
Operator :
Sample : C0802002-003A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 13 12:20:33 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

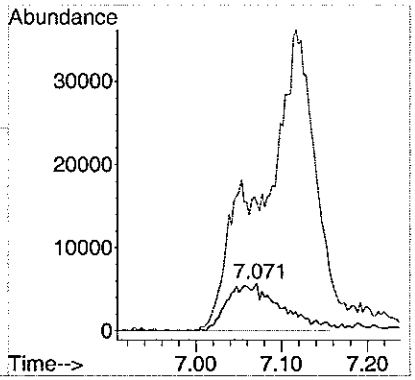


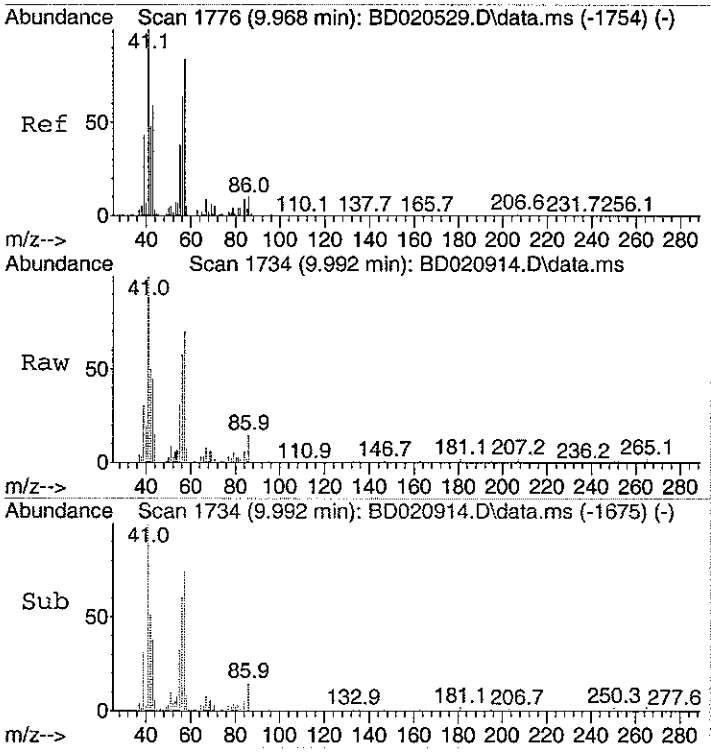


#12
Acetone
Concen: 1.03 ppb
RT: 7.071 min Scan# 761
Delta R.T. 0.069 min
Lab File: BD020914.D
Acq: 10 Feb 2008 12:08 am

Tgt Ion: 58 Resp: 24929

Ion	Ratio	Lower	Upper
58	100		
43	613.0	385.5	445.5#

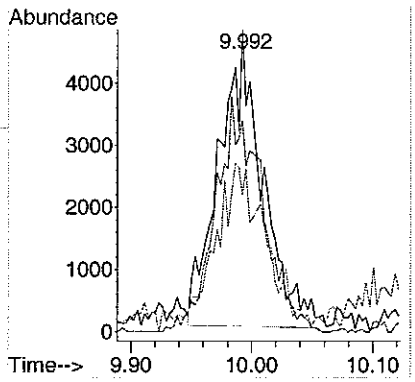


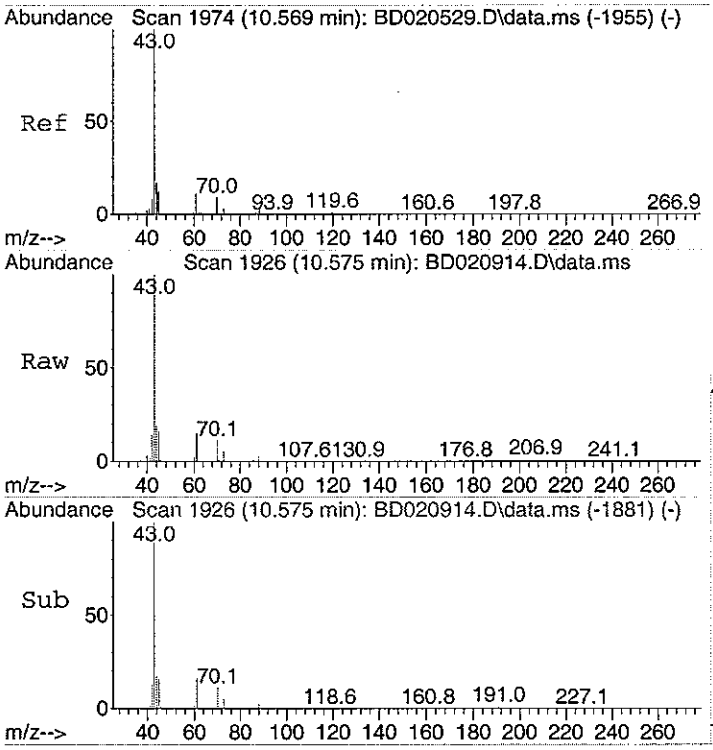


#25
Hexane
Concen: 0.25 ppb
RT: 9.992 min Scan# 1734
Delta R.T. 0.027 min
Lab File: BD020914.D
Acq: 10 Feb 2008 12:08 am

Tgt Ion: 41 Resp: 11541

Ion	Ratio	Lower	Upper
41	100		
57	81.6	72.3	112.3
43	55.0	157.2	197.2#

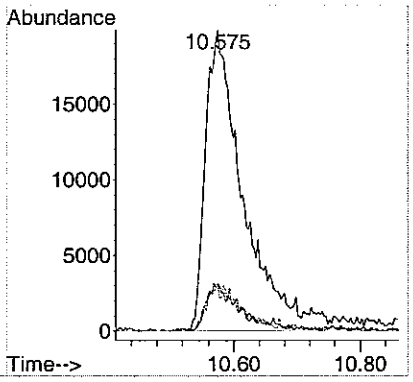


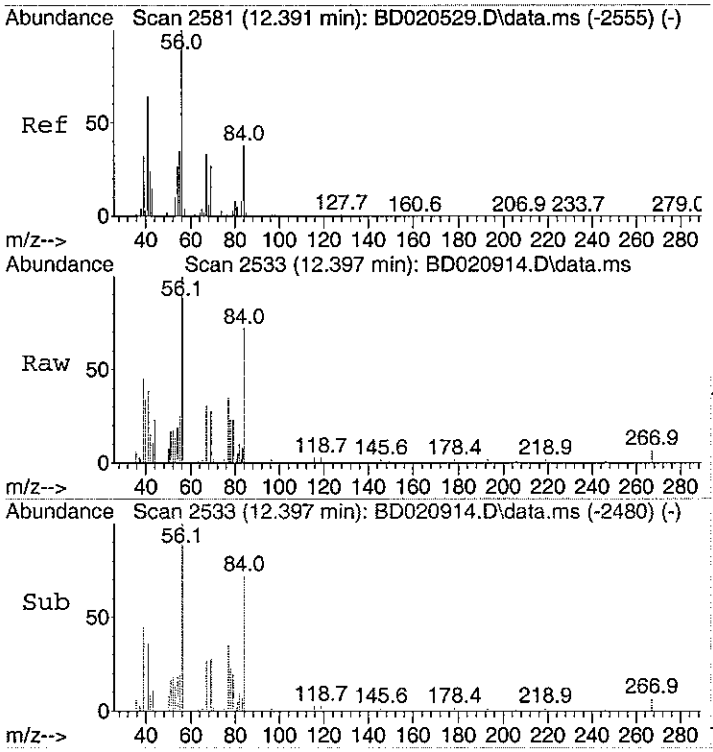


#26
Ethyl acetate
Concen: 1.27 ppb
RT: 10.575 min Scan# 1926
Delta R.T. -0.015 min
Lab File: BD020914.D
Acq: 10 Feb 2008 12:08 am

Tgt Ion: 43 Resp: 81687

Ion	Ratio	Lower	Upper
43	100		
45	14.9	0.0	33.7
61	13.2	0.0	32.5

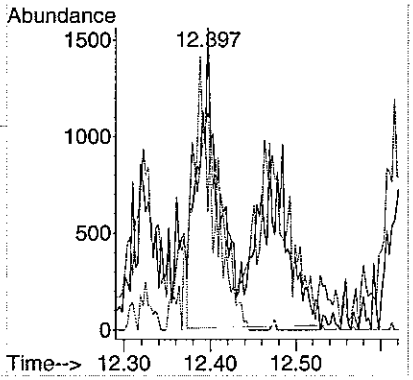


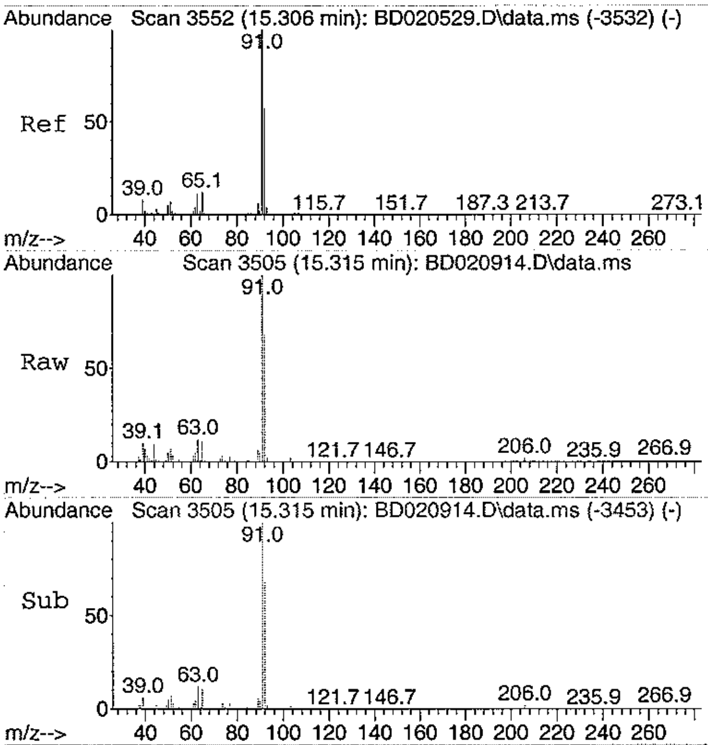


#32
Cyclohexane
Concen: 0.11 ppb
RT: 12.397 min Scan# 2533
Delta R.T. 0.009 min
Lab File: BD020914.D
Acq: 10 Feb 2008 12:08 am

Tgt Ion: 56 Resp: 4714

Ion	Ratio	Lower	Upper
56	100		
41	59.1	57.7	97.7
84	51.3	58.0	98.0#

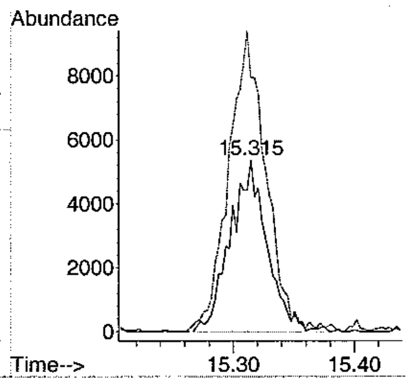


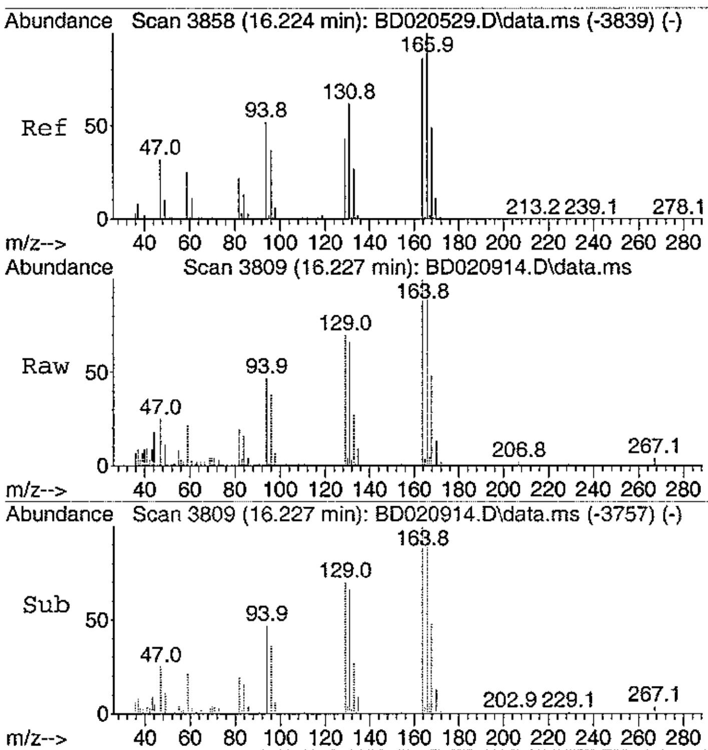


#45
Toluene
Concen: 0.17 ppb
RT: 15.315 min Scan# 3505
Delta R.T. 0.006 min
Lab File: BD020914.D
Acq: 10 Feb 2008 12:08 am

Tgt Ion: 92 Resp: 11381

Ion	Ratio	Lower	Upper
92	100		
91	177.8	153.2	193.2

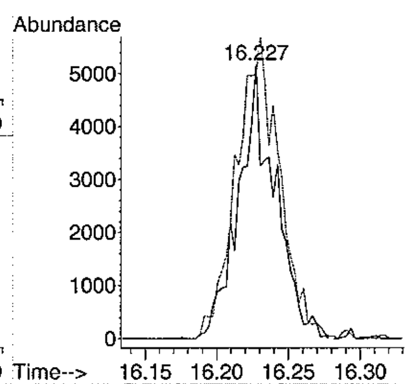




#50
Tetrachloroethylene
Concen: 0.15 ppb
RT: 16.227 min Scan# 3809
Delta R.T. 0.006 min
Lab File: BD020914.D
Acq: 10 Feb 2008 12:08 am

Tgt Ion:164 Resp: 9131

Ion	Ratio	Lower	Upper
164	100		
166	129.8	107.9	147.9



Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP1-SVI
Lab Order:	C0802002	**Tag Number:**	90, 392
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-3			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	0.220	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,1-Dichloroethane	7.40	3.00		ppbV	20	2/8/2008 2:14:00 PM
1,1-Dichloroethene	230	192		ppbV	1280	2/10/2008 11:13:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2,4-Trimethylbenzene	0.290	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM
2,2,4-trimethylpentane	0.900	0.150		ppbV	1	2/8/2008 1:13:00 PM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Acetone	18.0	6.00		ppbV	20	2/8/2008 2:14:00 PM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Benzene	2.80	3.00	J	ppbV	20	2/8/2008 2:14:00 PM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Bromoform	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Carbon disulfide	13.4	3.00		ppbV	20	2/8/2008 2:14:00 PM
Carbon tetrachloride	0.0400	0.0400		ppbV	1	2/8/2008 1:13:00 PM
Chlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Chloroethane	1.67	0.150		ppbV	1	2/8/2008 1:13:00 PM
Chloroform	0.220	0.150		ppbV	1	2/8/2008 1:13:00 PM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
cis-1,2-Dichloroethene	704	192		ppbV	1280	2/10/2008 11:13:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Cyclohexane	4.80	3.00		ppbV	20	2/8/2008 2:14:00 PM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Ethyl acetate	53.2	10.0		ppbV	40	2/8/2008 2:51:00 PM
Ethylbenzene	0.250	0.150		ppbV	1	2/8/2008 1:13:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits	
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit	
	S	Spike Recovery outside accepted recovery limits			

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP1-SVI
Lab Order:	C0802002	**Tag Number:**	90, 392
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.690	0.150		ppbV	1	2/8/2008 1:13:00 PM
Freon 113	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Freon 114	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Freon 12	0.150	0.150		ppbV	1	2/8/2008 1:13:00 PM
Heptane	1.32	0.150		ppbV	1	2/8/2008 1:13:00 PM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Hexane	18.6	3.00		ppbV	20	2/8/2008 2:14:00 PM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
m&p-Xylene	0.780	0.300		ppbV	1	2/8/2008 1:13:00 PM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Methylene chloride	0.600	0.150		ppbV	1	2/8/2008 1:13:00 PM
o-Xylene	0.240	0.150		ppbV	1	2/8/2008 1:13:00 PM
Propylene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Styrene	1.06	0.150		ppbV	1	2/8/2008 1:13:00 PM
Tetrachloroethylene	1.34	0.150		ppbV	1	2/8/2008 1:13:00 PM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Toluene	3.60	3.00		ppbV	20	2/8/2008 2:14:00 PM
trans-1,2-Dichloroethene	36.0	3.00		ppbV	20	2/8/2008 2:14:00 PM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Trichloroethene	72.4	1.60		ppbV	40	2/8/2008 2:51:00 PM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM
Vinyl chloride	19500	410		ppbV	10240	2/10/2008 12:19:00 PM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/8/2008 1:13:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP1-SVI
Lab Order:	C0802002	**Tag Number:**	90, 392
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	1.22	0.832		ug/m3	1	2/8/2008 1:13:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 1:13:00 PM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 1:13:00 PM
1,1-Dichloroethane	30.4	12.3		ug/m3	20	2/8/2008 2:14:00 PM
1,1-Dichloroethene	929	774		ug/m3	1280	2/10/2008 11:13:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 1:13:00 PM
1,2,4-Trimethylbenzene	1.45	0.749		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 1:13:00 PM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 1:13:00 PM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 1:13:00 PM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 1:13:00 PM
2,2,4-trimethylpentane	4.27	0.712		ug/m3	1	2/8/2008 1:13:00 PM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 1:13:00 PM
Acetone	43.5	14.5		ug/m3	20	2/8/2008 2:14:00 PM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 1:13:00 PM
Benzene	9.09	9.74	J	ug/m3	20	2/8/2008 2:14:00 PM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 1:13:00 PM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 1:13:00 PM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 1:13:00 PM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 1:13:00 PM
Carbon disulfide	42.4	9.50		ug/m3	20	2/8/2008 2:14:00 PM
Carbon tetrachloride	0.256	0.256		ug/m3	1	2/8/2008 1:13:00 PM
Chlorobenzene	ND	0.702		ug/m3	1	2/8/2008 1:13:00 PM
Chloroethane	4.48	0.402		ug/m3	1	2/8/2008 1:13:00 PM
Chloroform	1.09	0.744		ug/m3	1	2/8/2008 1:13:00 PM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 1:13:00 PM
cis-1,2-Dichloroethene	2840	774		ug/m3	1280	2/10/2008 11:13:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 1:13:00 PM
Cyclohexane	16.8	10.5		ug/m3	20	2/8/2008 2:14:00 PM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 1:13:00 PM
Ethyl acetate	195	36.6		ug/m3	40	2/8/2008 2:51:00 PM
Ethylbenzene	1.10	0.662		ug/m3	1	2/8/2008 1:13:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP1-SVI
Lab Order:	C0802002	**Tag Number:**	90, 392
Project:	CDM/G0143	**Collection Date:**	1/29/2008
Lab ID:	C0802002-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	3.94	0.857		ug/m3	1	2/8/2008 1:13:00 PM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 1:13:00 PM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 1:13:00 PM
Freon 12	0.754	0.754		ug/m3	1	2/8/2008 1:13:00 PM
Heptane	5.50	0.625		ug/m3	1	2/8/2008 1:13:00 PM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 1:13:00 PM
Hexane	66.6	10.7		ug/m3	20	2/8/2008 2:14:00 PM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 1:13:00 PM
m&p-Xylene	3.44	1.32		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 1:13:00 PM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 1:13:00 PM
Methylene chloride	2.12	0.530		ug/m3	1	2/8/2008 1:13:00 PM
o-Xylene	1.06	0.662		ug/m3	1	2/8/2008 1:13:00 PM
Propylene	ND	0.262		ug/m3	1	2/8/2008 1:13:00 PM
Styrene	4.59	0.649		ug/m3	1	2/8/2008 1:13:00 PM
Tetrachloroethylene	9.24	1.03		ug/m3	1	2/8/2008 1:13:00 PM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 1:13:00 PM
Toluene	13.8	11.5		ug/m3	20	2/8/2008 2:14:00 PM
trans-1,2-Dichloroethene	145	12.1		ug/m3	20	2/8/2008 2:14:00 PM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 1:13:00 PM
Trichloroethene	395	8.74		ug/m3	40	2/8/2008 2:51:00 PM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 1:13:00 PM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 1:13:00 PM
Vinyl chloride	50600	1070		ug/m3	10240	2/10/2008 12:19:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020737.D
Acq On : 8 Feb 2008 1:13 pm
Operator :
Sample : C0802002-004A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 10:26:50 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

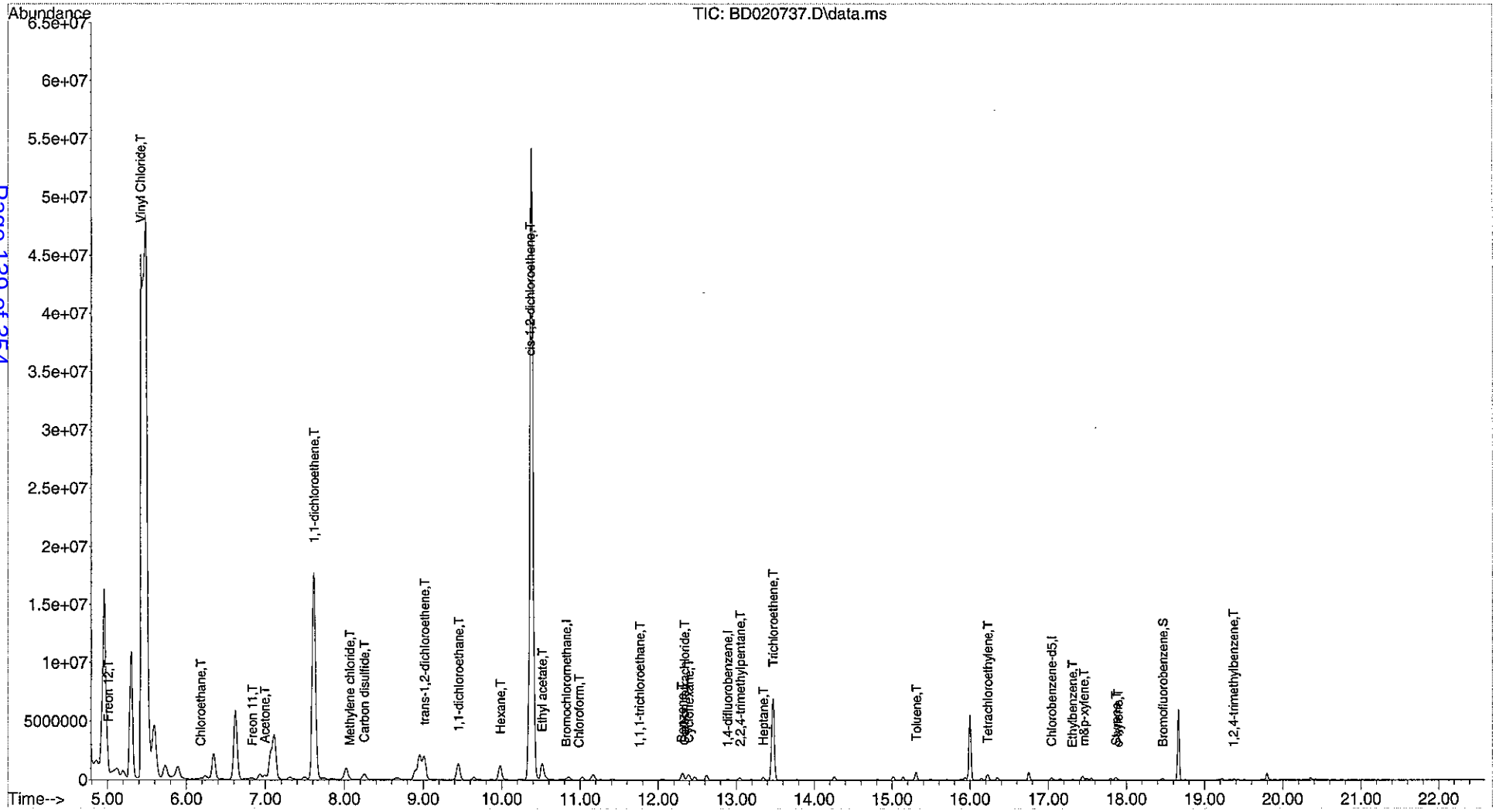
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.818	128	27655	1.00	ppb	#	0.00
30) 1,4-difluorobenzene	12.886	114	88805	1.00	ppb		0.00
44) Chlorobenzene-d5	17.044	117	97537	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.467	95	51080	1.03	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 103.00%				
Target Compounds							Qvalue
3) Freon 12	5.006	85	37293m	0.15	ppb		
6) Vinyl Chloride	5.417	62	93377618	1760.33	ppb		74
9) Chloroethane	6.180	64	38420	1.67	ppb		96
11) Freon 11	6.831	101	168709	0.69	ppb		96
12) Acetone	6.990	58	224187	10.01	ppb	#	56
14) 1,1-dichloroethene	7.612	96	8973363	249.84	ppb		97
16) Methylene chloride	8.065	84	31261	0.60	ppb	#	73
18) Carbon disulfide	8.248	76	1072895	7.04	ppb		99
19) trans-1,2-dichloroethene	9.014	61	1188777	24.91	ppb		98
21) 1,1-dichloroethane	9.446	63	435147	4.50	ppb		97
24) cis-1,2-dichloroethene	10.358	61	32266468	737.67	ppb		79
25) Hexane	9.980	41	617932	14.63	ppb	#	48
26) Ethyl acetate	10.511	43	2307490	38.76	ppb		93
27) Chloroform	10.980	83	26808	0.22	ppb	#	1
31) 1,1,1-trichloroethane	11.757	97	34041	0.22	ppb		100
32) Cyclohexane	12.388	56	459914	8.72	ppb	#	76
33) Carbon tetrachloride	12.334	117	7701	0.04	ppb		96
34) Benzene	12.301	78	301816m	2.19	ppb		
36) 2,2,4-trimethylpentane	13.048	57	163245	0.90	ppb		80
37) Heptane	13.345	43	79979	1.32	ppb		90
38) Trichloroethene	13.468	130	2969495	42.22	ppb		95
45) Toluene	15.309	92	319151	3.82	ppb		96
50) Tetrachloroethylene	16.224	164	100907	1.34	ppb		99
52) Ethylbenzene	17.308	91	38285	0.25	ppb		94
53) m&p-xylene	17.455	91	113925	0.78	ppb		99
54) Styrene	17.866	104	88147	1.06	ppb		81
56) o-xylene	17.890	91	38470	0.24	ppb		97
61) 1,2,4-trimethylbenzene	19.367	105	32319	0.29	ppb		97

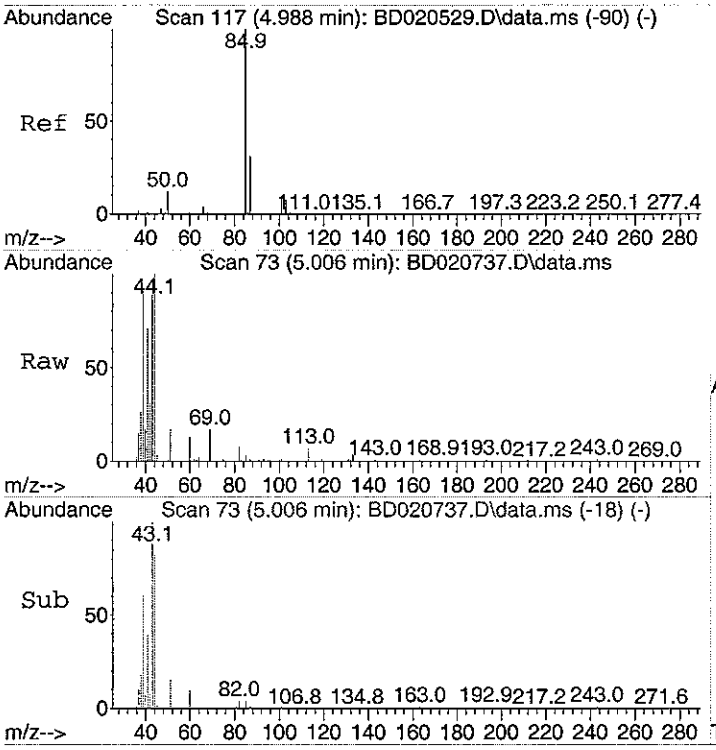
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020737.D
Acq On : 8 Feb 2008 1:13 pm
Operator :
Sample : C0802002-004A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 10:26:50 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

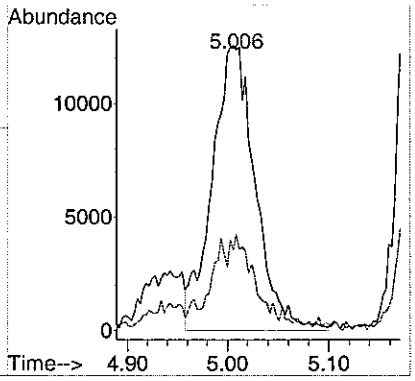


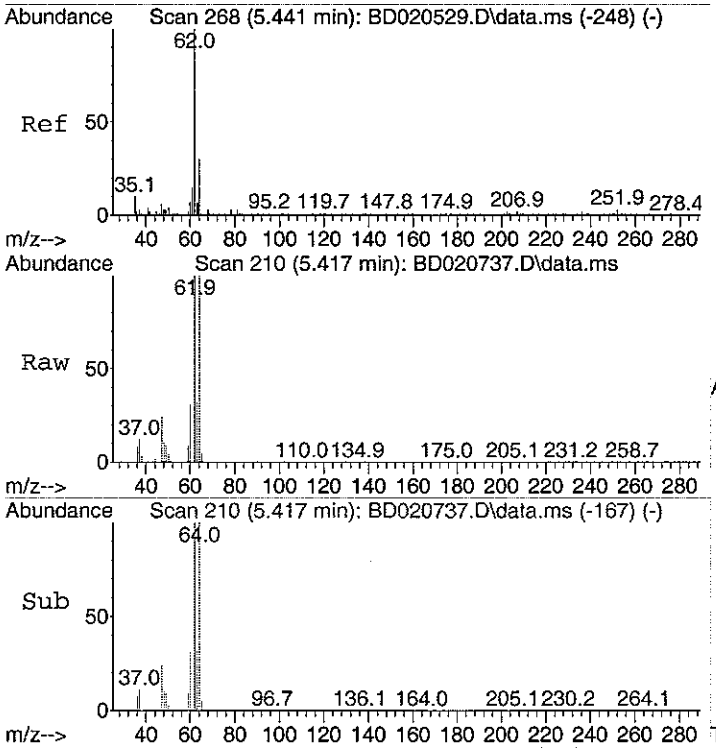


#3
Freon 12
Concen: 0.15 ppb m
RT: 5.006 min Scan# 73
Delta R.T. 0.015 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 85 Resp: 37293

Ion	Ratio	Lower	Upper
85	100		
87	33.2	12.5	52.5

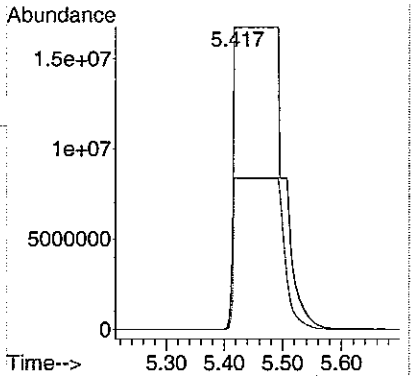


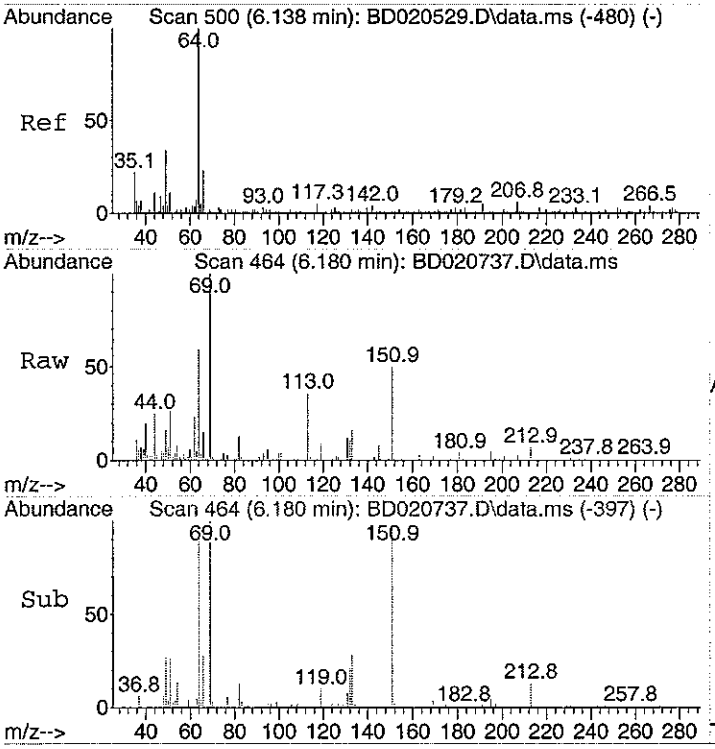


#6
Vinyl Chloride
Concen: 1760.33 ppb
RT: 5.417 min Scan# 210
Delta R.T. -0.021 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 62 Resp:93377618

Ion	Ratio	Lower	Upper
62	100		
64	49.6	4.5	64.5

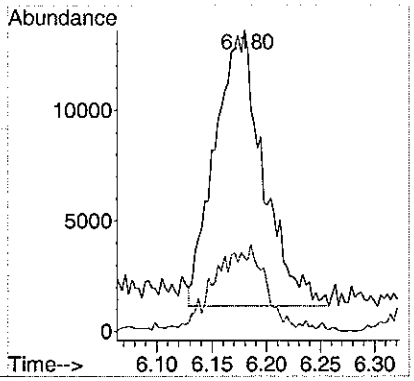


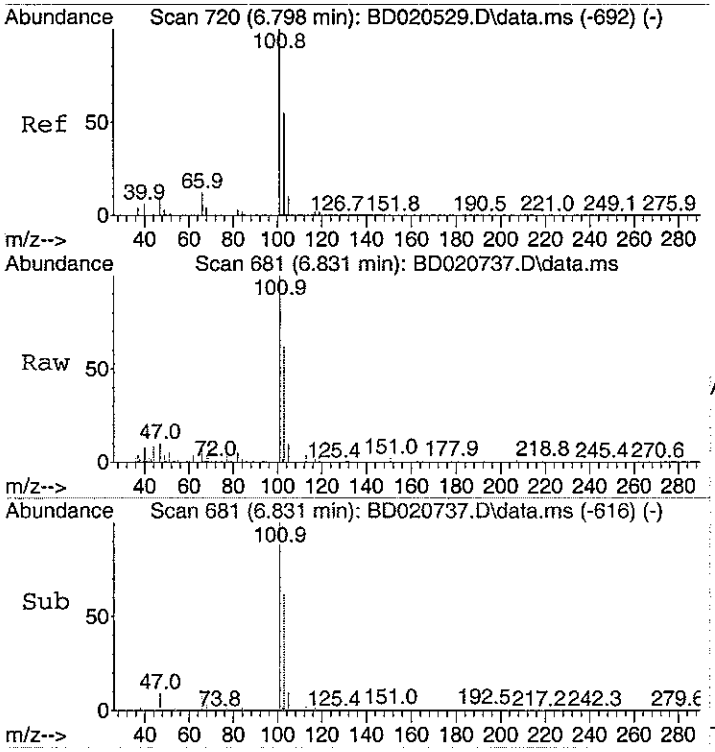


#9
Chloroethane
Concen: 1.67 ppb
RT: 6.180 min Scan# 464
Delta R.T. 0.051 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 64 Resp: 38420

Ion	Ratio	Lower	Upper
64	100		
66	33.3	15.7	55.7

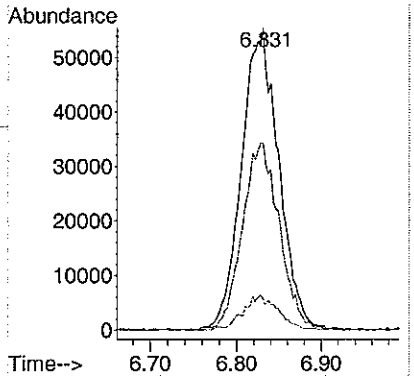


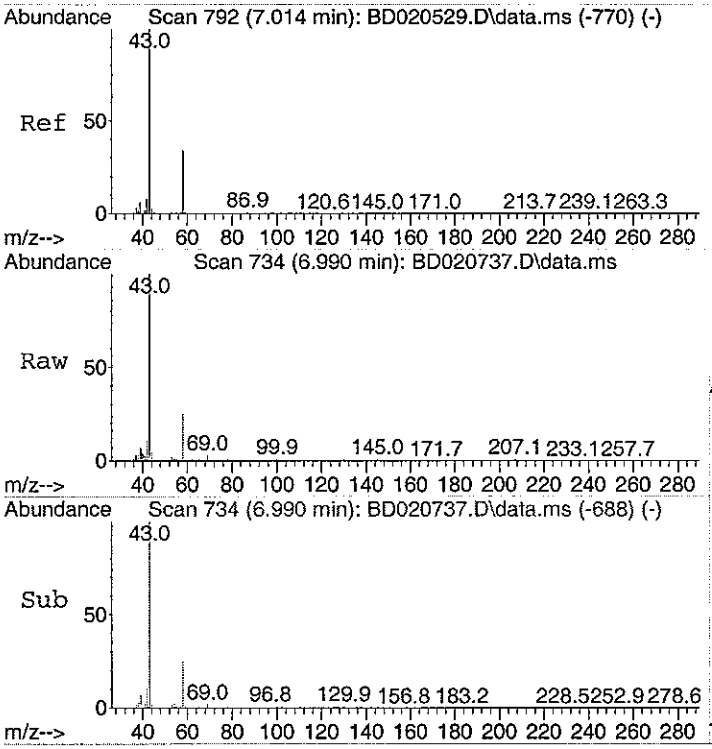


#11
Freon 11
Concen: 0.69 ppb
RT: 6.831 min Scan# 681
Delta R.T. 0.045 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion:101 Resp: 168709

Ion	Ratio	Lower	Upper
101	100		
103	61.6	45.3	85.3
105	10.6	0.0	30.8

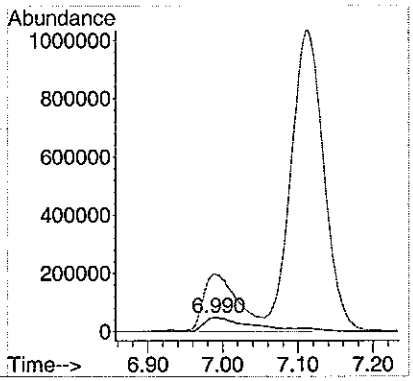


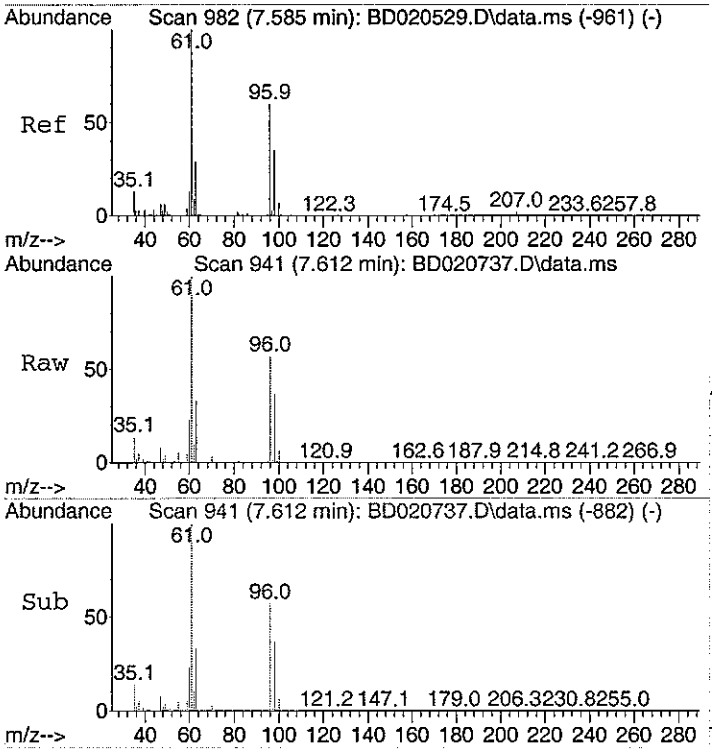


#12
Acetone
Concen: 10.01 ppb
RT: 6.990 min Scan# 734
Delta R.T. -0.012 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 58 Resp: 224187

Ion	Ratio	Lower	Upper
58	100		
43	309.7	385.5	445.5#

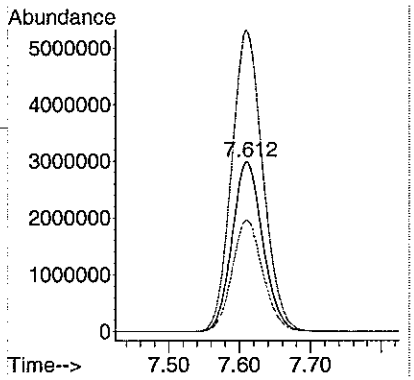


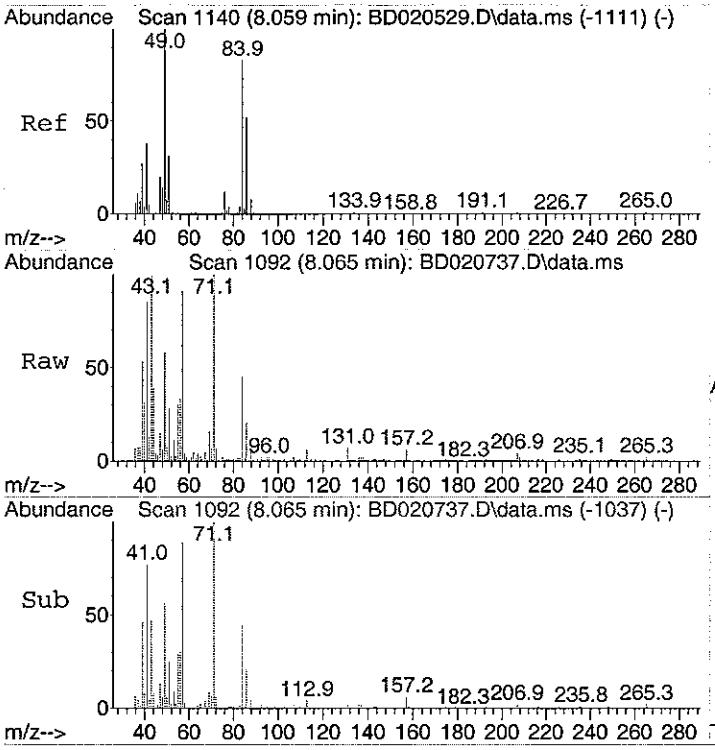


#14
1,1-dichloroethene
Concen: 249.84 ppb
RT: 7.612 min Scan# 941
Delta R.T. 0.027 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 96 Resp: 8973363

Ion	Ratio	Lower	Upper
96	100		
61	180.0	154.1	194.1
98	65.5	45.2	85.2

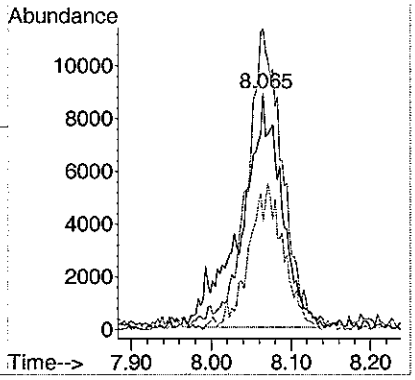


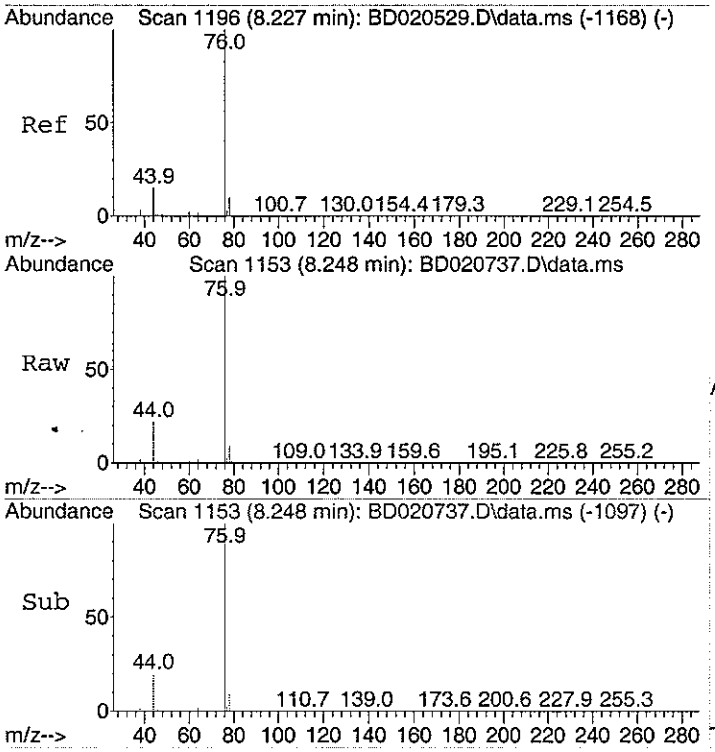


#16
Methylene chloride
Concen: 0.60 ppb
RT: 8.065 min Scan# 1092
Delta R.T. 0.015 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 84 Resp: 31261

Ion	Ratio	Lower	Upper
84	100		
49	105.6	123.8	163.8#
86	50.6	45.6	85.6

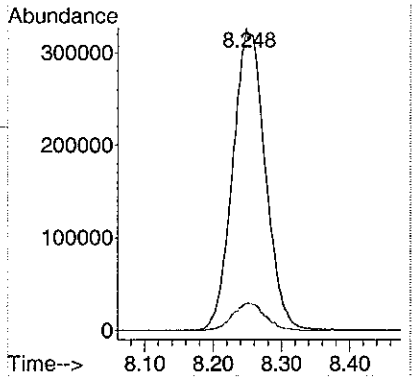


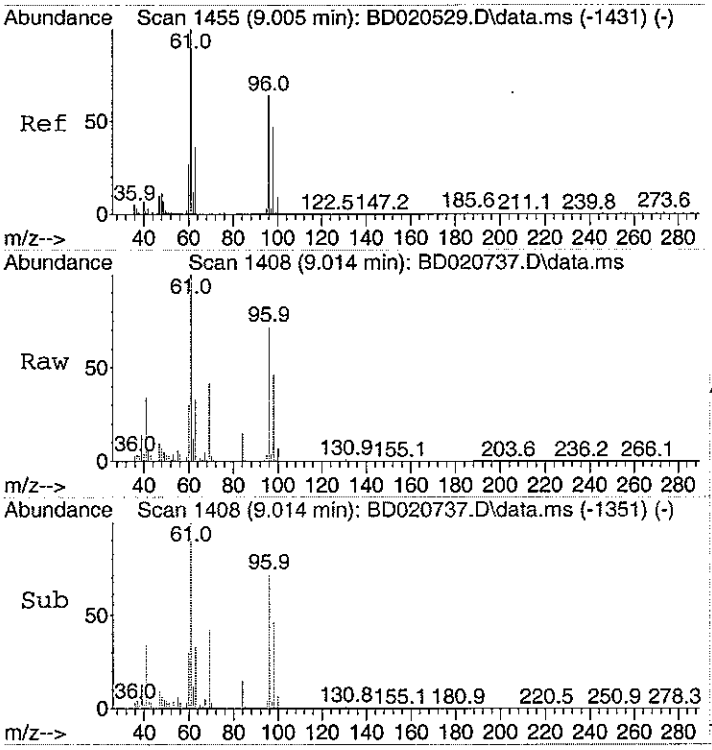


#18
Carbon disulfide
Concen: 7.04 ppb
RT: 8.248 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 76 Resp: 1072895

Ion	Ratio	Lower	Upper
76	100		
78	9.0	0.0	29.2

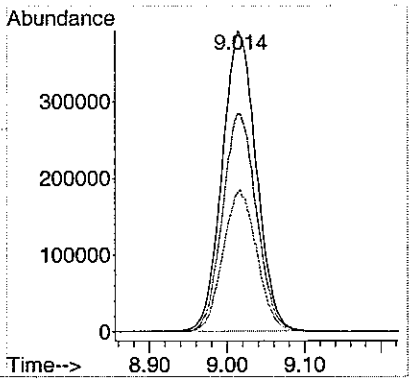


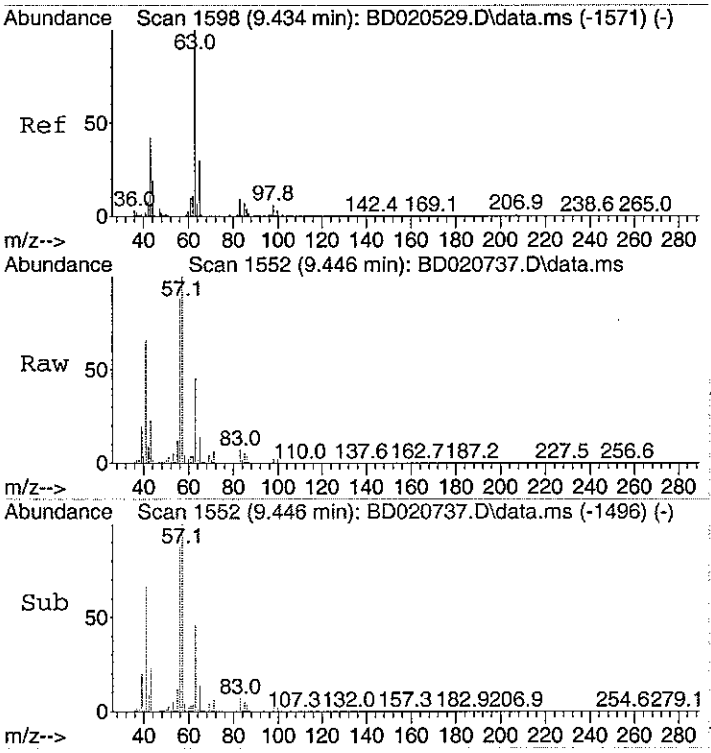


#19
trans-1,2-dichloroethene
Concen: 24.91 ppb
RT: 9.014 min Scan# 1408
Delta R.T. 0.021 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 61 Resp: 1188777

Ion	Ratio	Lower	Upper
61	100		
96	72.8	50.1	90.1
98	47.3	26.8	66.8

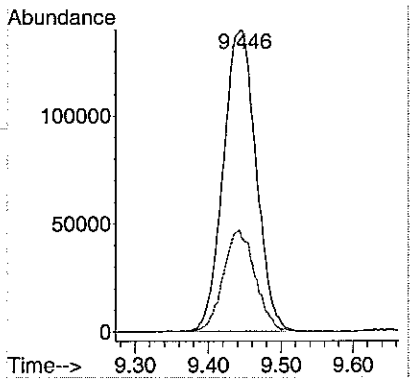


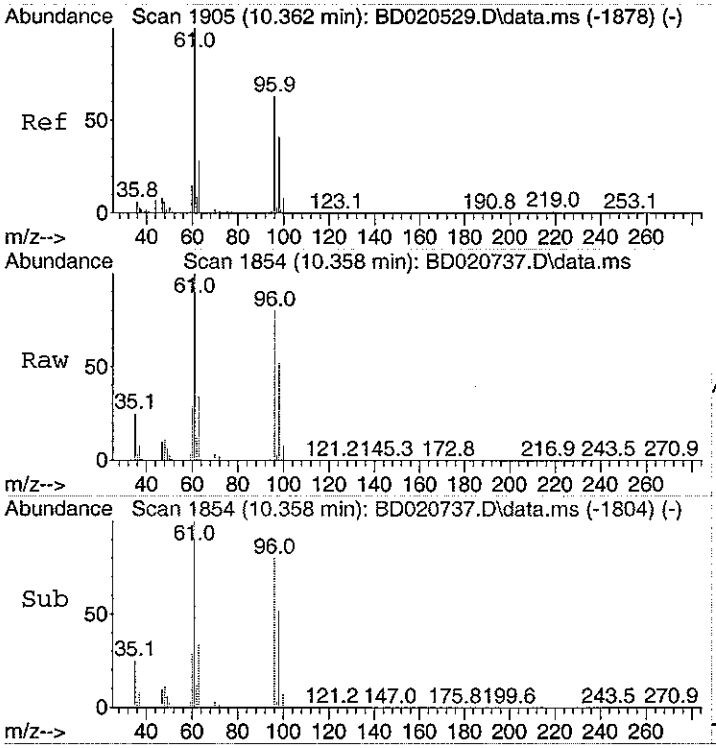


#21
1,1-dichloroethane
Concen: 4.50 ppb
RT: 9.446 min Scan# 1552
Delta R.T. 0.018 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 63 Resp: 435147

Ion	Ratio	Lower	Upper
63	100		
65	33.1	11.2	51.2

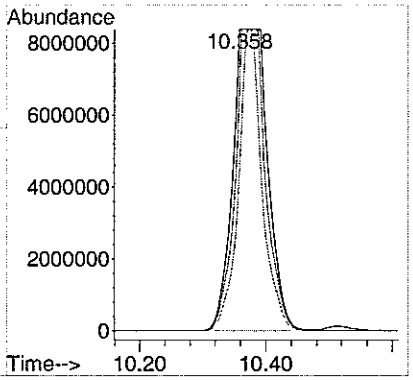


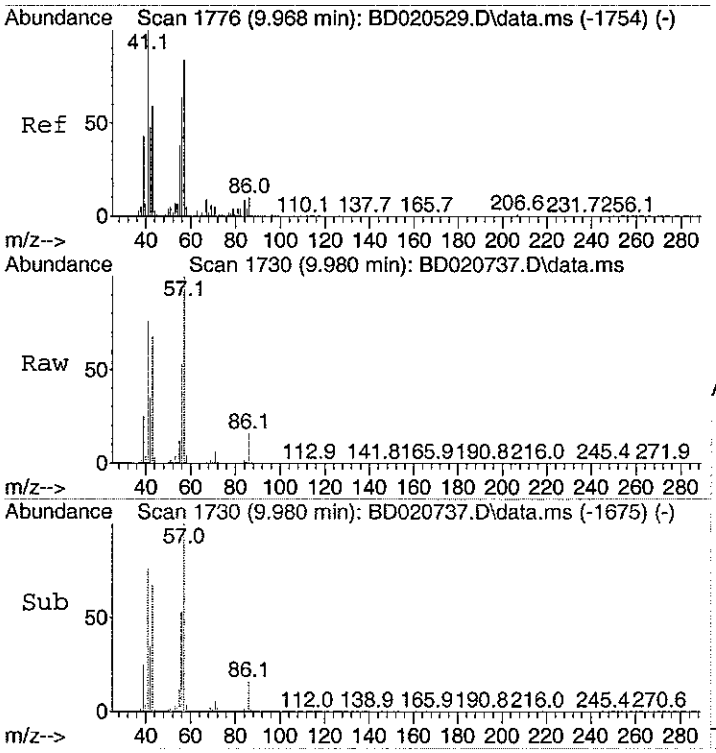


#24
cis-1,2-dichloroethene
Concen: 737.67 ppb
RT: 10.358 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 61 Resp:32266468

Ion	Ratio	Lower	Upper
61	100		
96	87.0	53.5	93.5
98	67.4	27.8	67.8

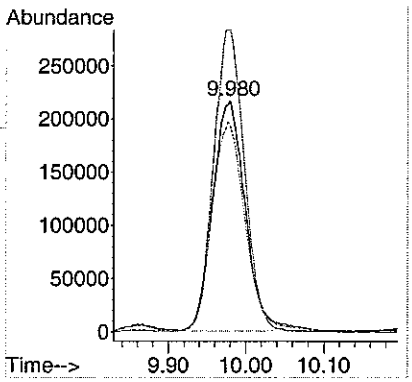


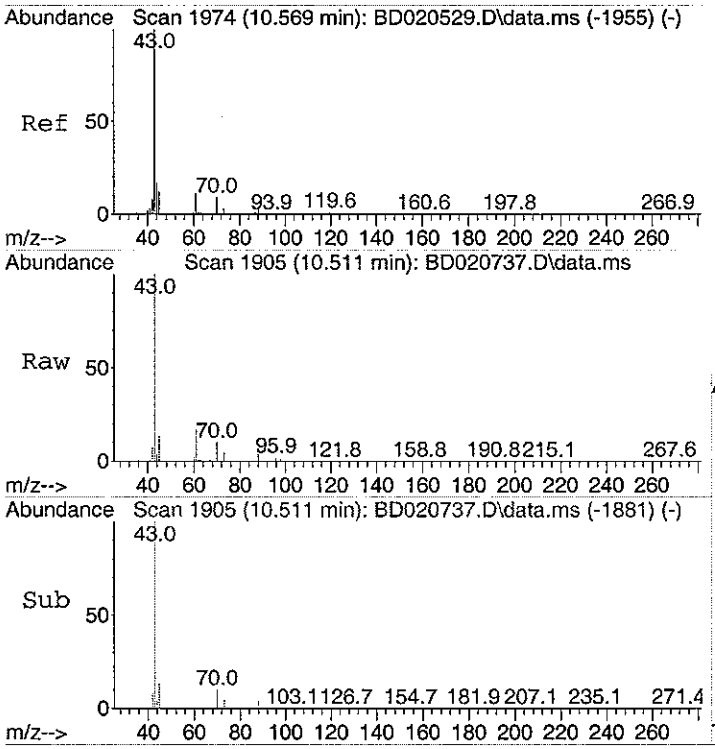


#25
Hexane
Concen: 14.63 ppb
RT: 9.980 min Scan# 1730
Delta R.T. 0.015 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 41 Resp: 617932

Ion	Ratio	Lower	Upper
41	100		
57	123.8	72.3	112.3#
43	91.0	157.2	197.2#

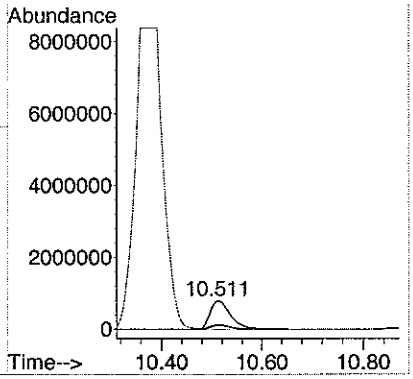


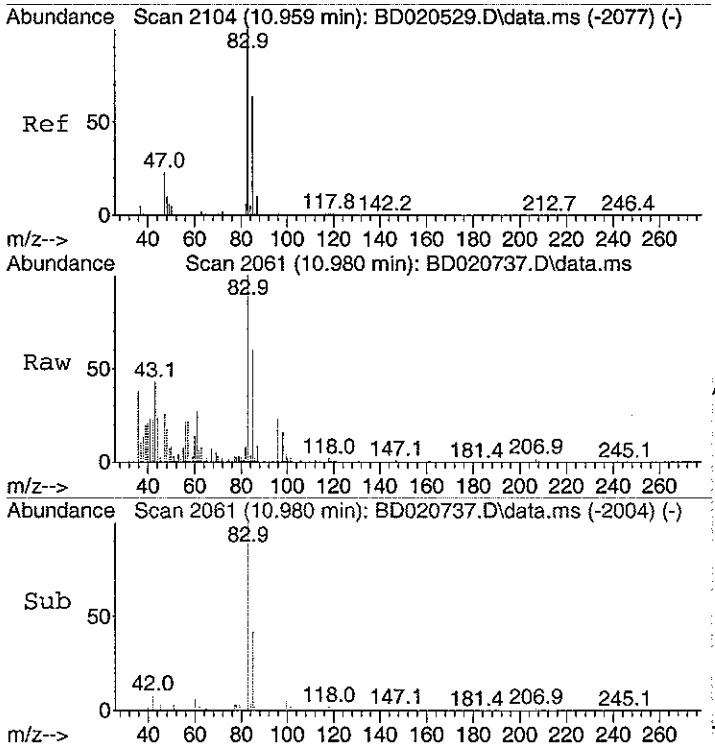


#26
Ethyl acetate
Concen: 38.76 ppb
RT: 10.511 min Scan# 1905
Delta R.T. -0.078 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 43 Resp: 2307490

Ion	Ratio	Lower	Upper
43	100		
45	14.1	0.0	33.7
61	17.9	0.0	32.5

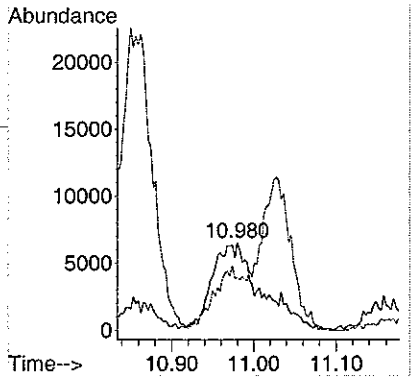


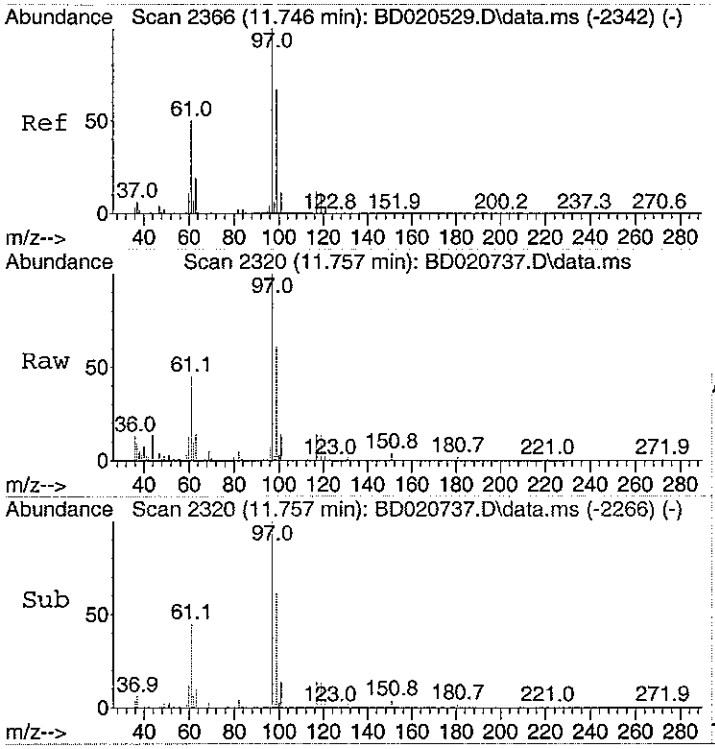


#27
Chloroform
Concen: 0.22 ppb
RT: 10.980 min Scan# 2061
Delta R.T. 0.021 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 83 Resp: 26808

Ion	Ratio	Lower	Upper
83	100		
85	154.5	44.3	84.3#

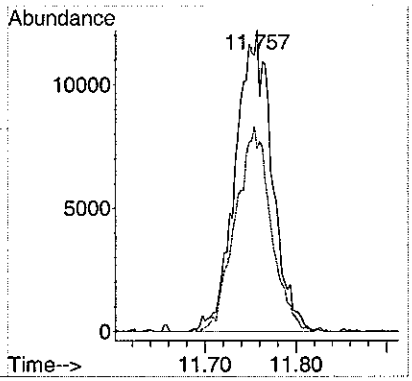


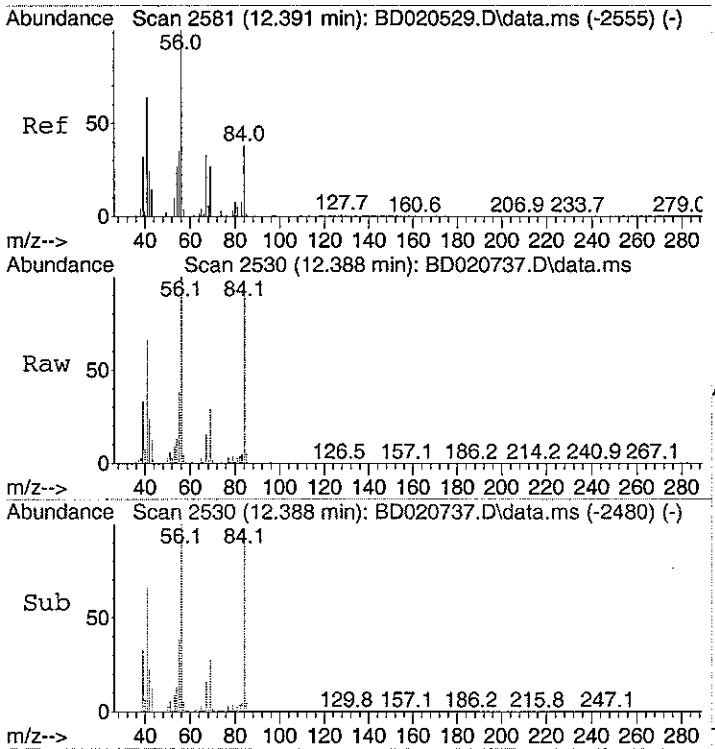


#31
1,1,1-trichloroethane
Concen: 0.22 ppb
RT: 11.757 min Scan# 2320
Delta R.T. 0.012 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 97 Resp: 34041

Ion	Ratio	Lower	Upper
97	100		
99	66.2	46.4	86.4

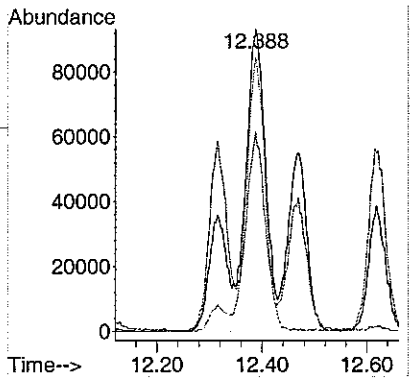


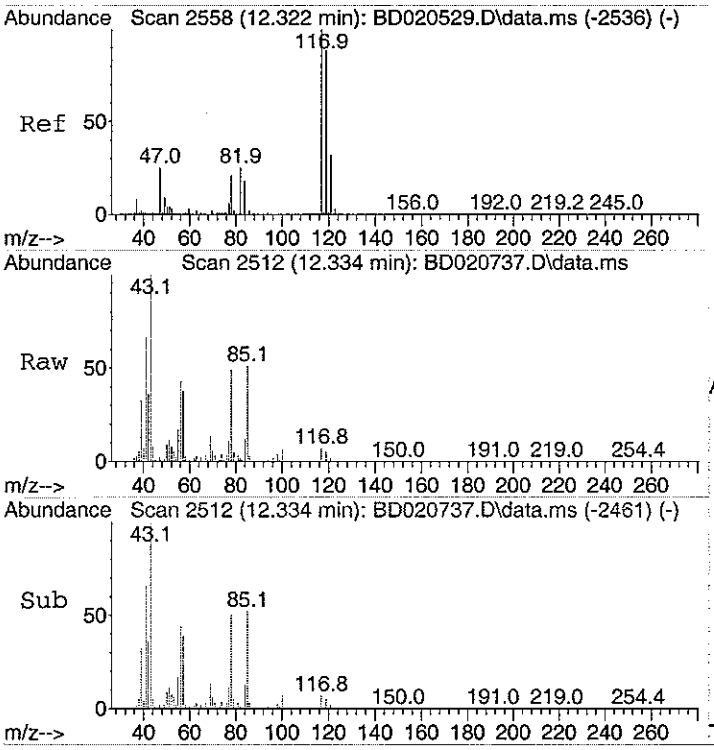


#32
Cyclohexane
Concen: 8.72 ppb
RT: 12.388 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 56 Resp: 459914

Ion	Ratio	Lower	Upper
56	100		
41	85.3	57.7	97.7
84	44.3	58.0	98.0#

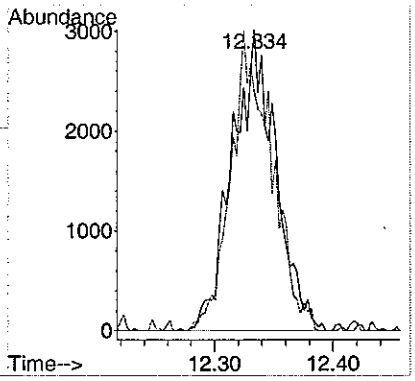


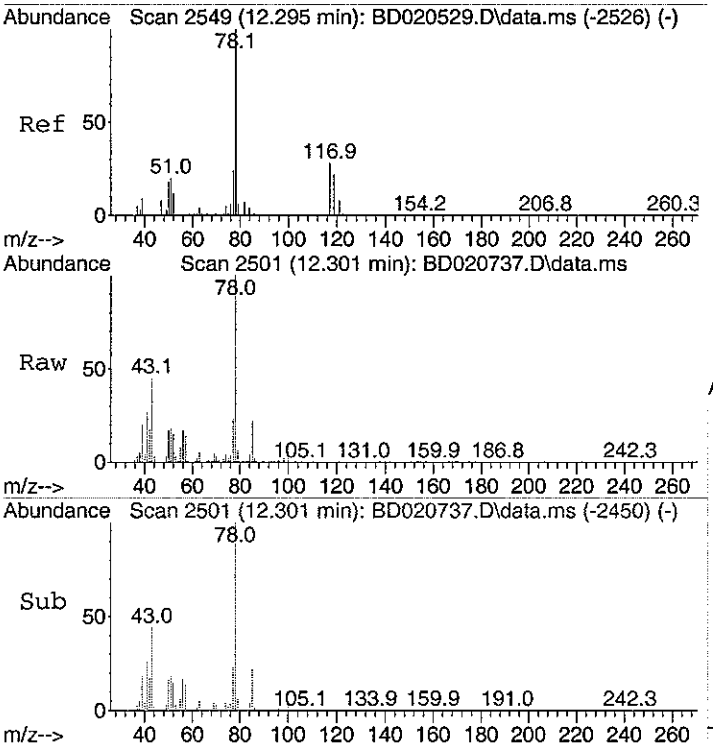


#33
Carbon tetrachloride
Concen: 0.04 ppb
RT: 12.334 min Scan# 2512
Delta R.T. 0.003 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion:117 Resp: 7701

Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.4	117.4

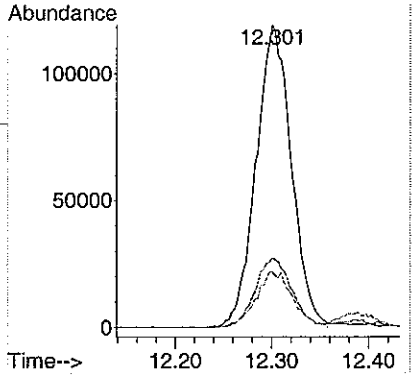


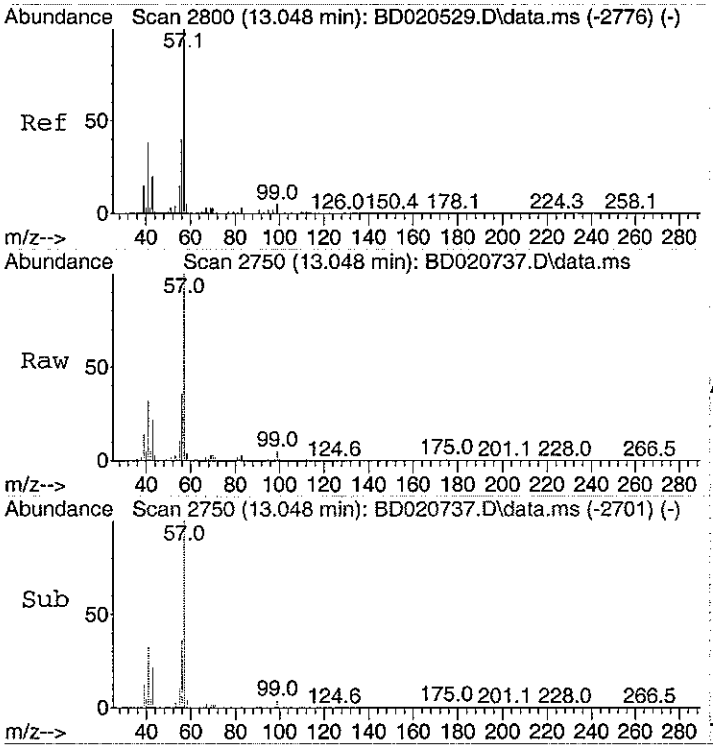


#34
Benzene
Concen: 2.19 ppb m
RT: 12.301 min Scan# 2501
Delta R.T. 0.003 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 78 Resp: 301816

Ion	Ratio	Lower	Upper
78	100		
77	26.7	5.2	45.2
51	23.1	0.0	39.3

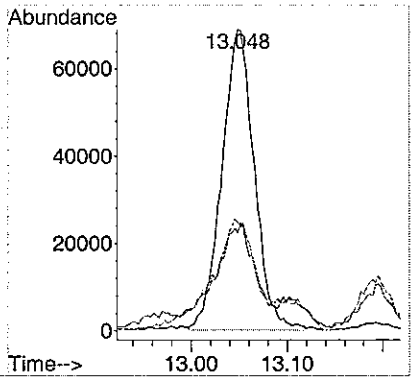


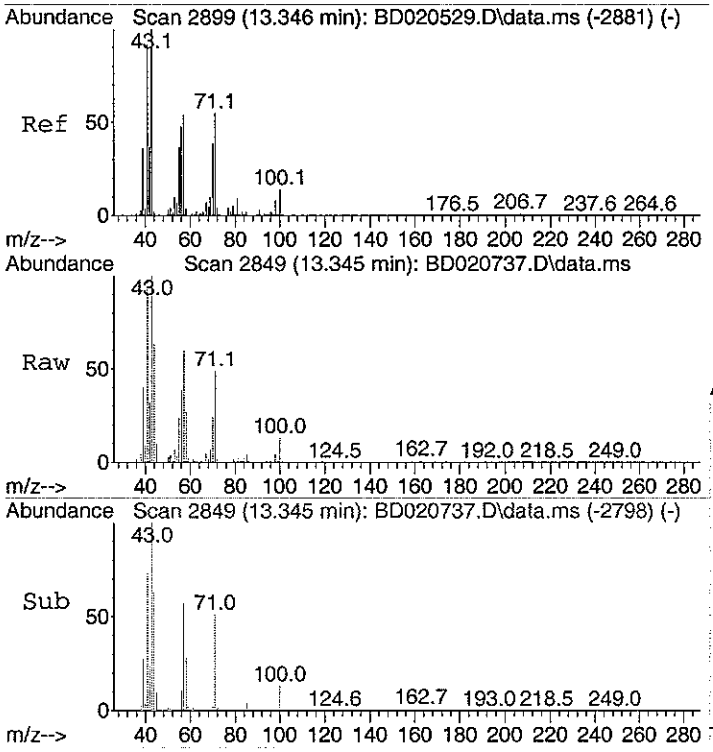


#36
2,2,4-trimethylpentane
Concen: 0.90 ppb
RT: 13.048 min Scan# 2750
Delta R.T. -0.003 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 57 Resp: 163245

Ion	Ratio	Lower	Upper
57	100		
41	56.0	22.7	62.7
56	54.4	21.7	61.7

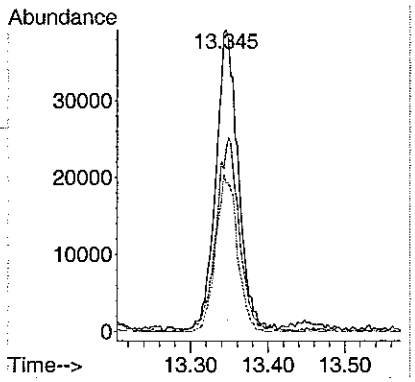


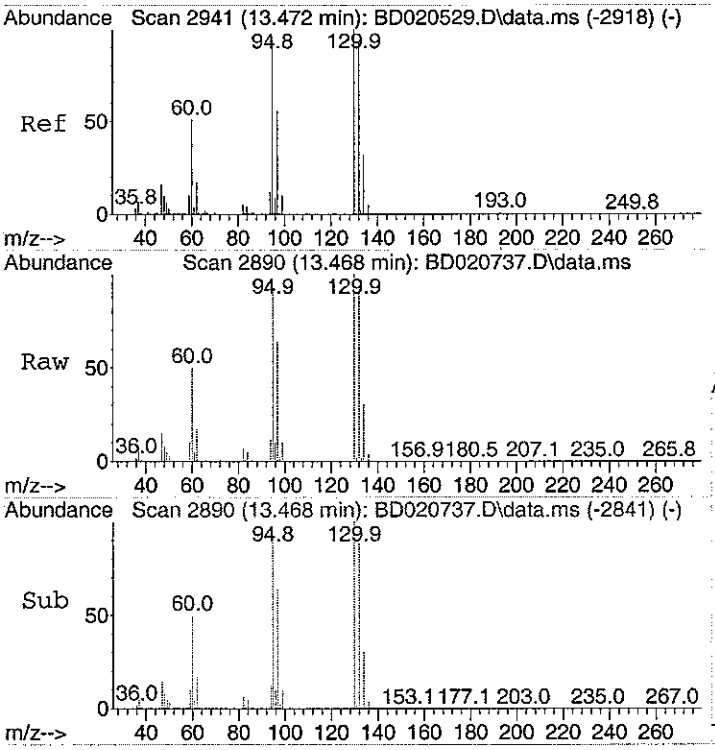


#37
Heptane
Concen: 1.32 ppb
RT: 13.345 min Scan# 2849
Delta R.T. 0.003 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 43 Resp: 79979

Ion	Ratio	Lower	Upper
43	100		
57	66.9	38.6	78.6
71	50.0	36.0	76.0

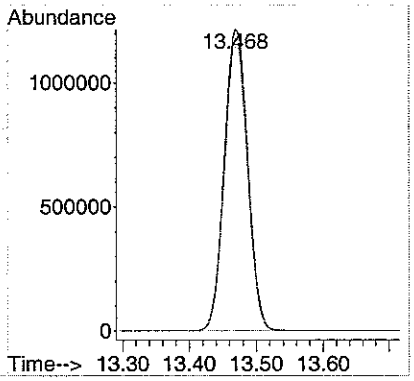


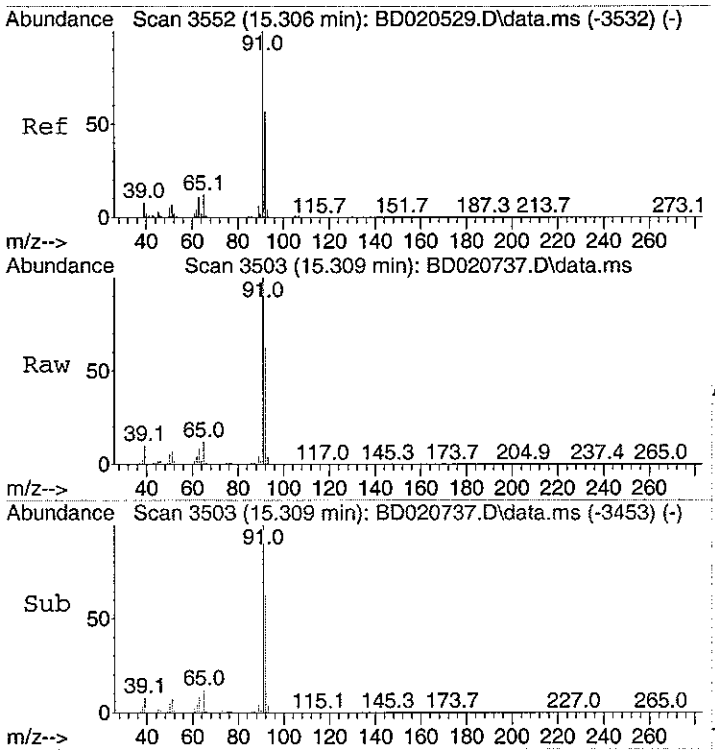


#38
Trichloroethene
Concen: 42.22 ppb
RT: 13.468 min Scan# 2890
Delta R.T. -0.003 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion:130 Resp: 2969495

Ion	Ratio	Lower	Upper
130	100		
132	97.1	79.4	119.4
95	95.8	83.0	123.0

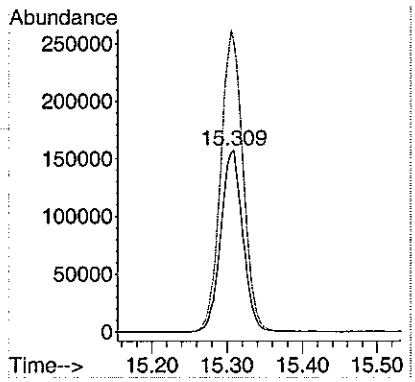


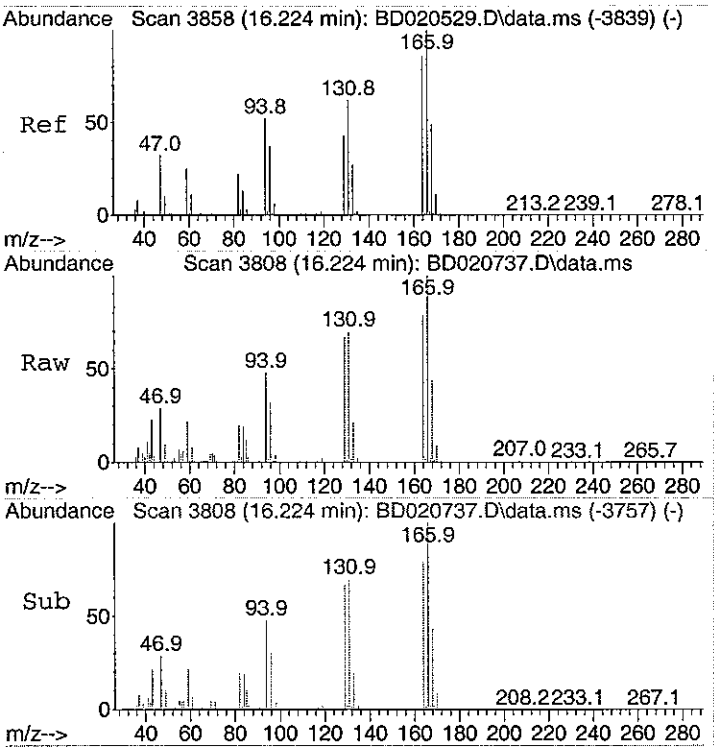


#45
Toluene
Concen: 3.82 ppb
RT: 15.309 min Scan# 3503
Delta R.T. -0.000 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 92 Resp: 319151

Ion	Ratio	Lower	Upper
92	100		
91	167.4	153.2	193.2

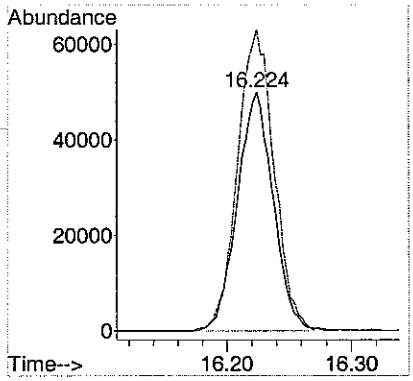


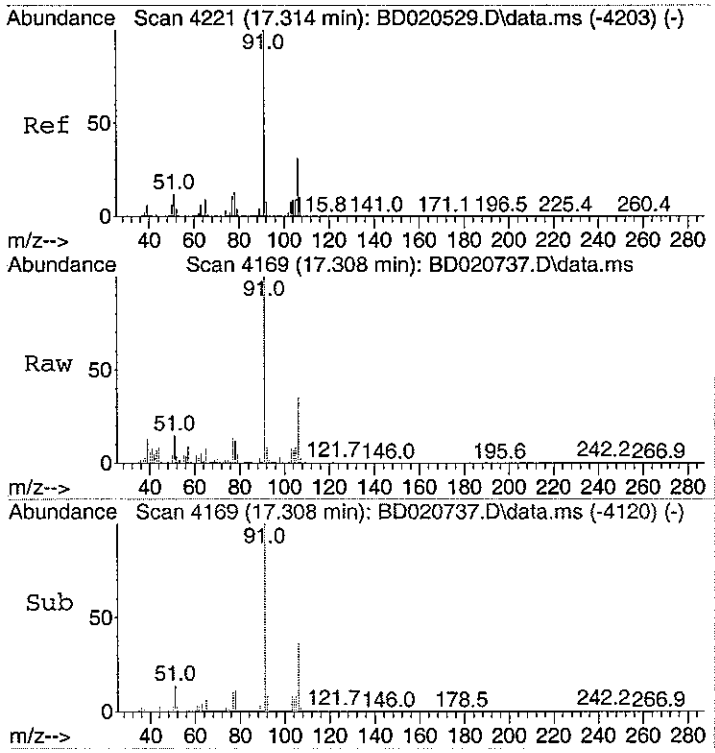


#50
Tetrachloroethylene
Concen: 1.34 ppb
RT: 16.224 min Scan# 3808
Delta R.T. 0.003 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion:164 Resp: 100907

Ion	Ratio	Lower	Upper
164	100		
166	128.7	107.9	147.9

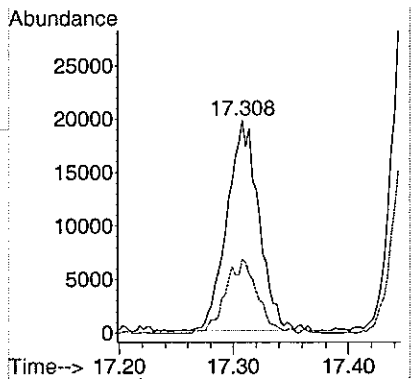


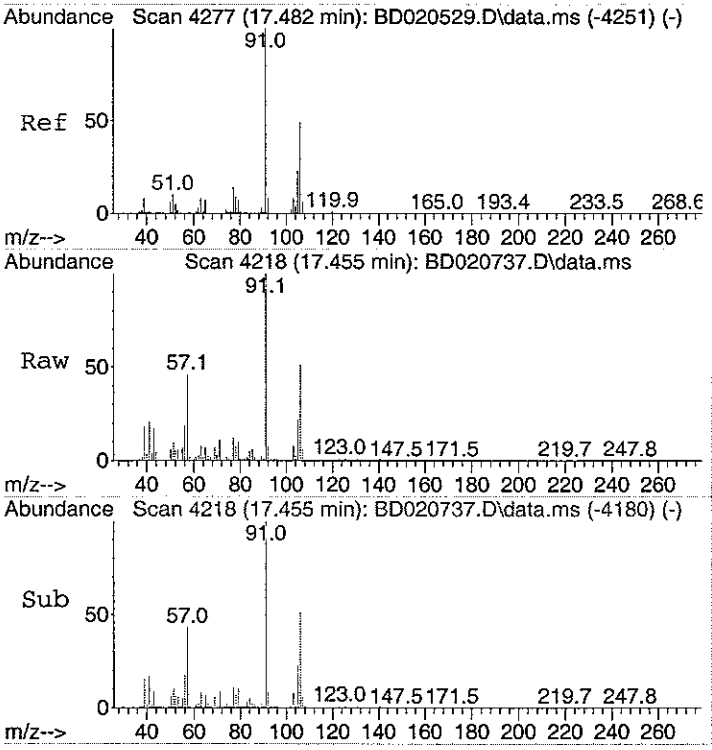


#52
Ethylbenzene
Concen: 0.25 ppb
RT: 17.308 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 91 Resp: 38285

Ion	Ratio	Lower	Upper
91	100		
106	34.8	11.3	51.3

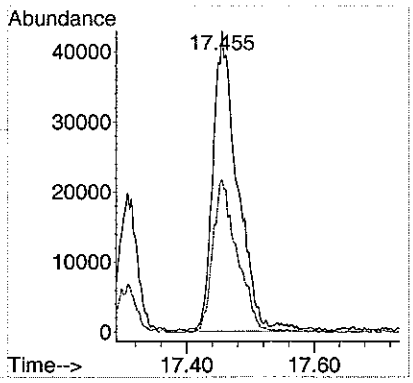


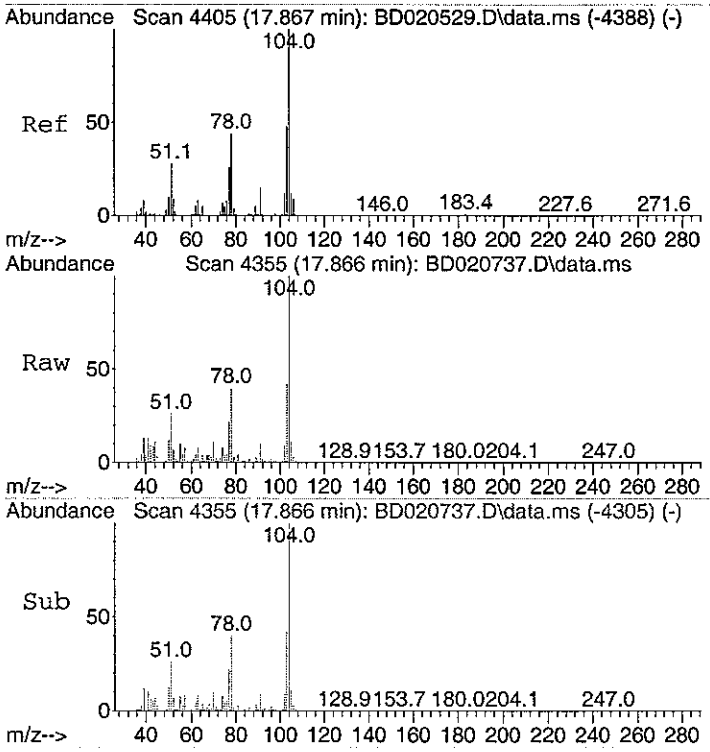


#53
m&p-xylene
Concen: 0.78 ppb
RT: 17.455 min Scan# 4218
Delta R.T. -0.036 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 91 Resp: 113925

Ion	Ratio	Lower	Upper
91	100		
106	50.8	30.4	70.4

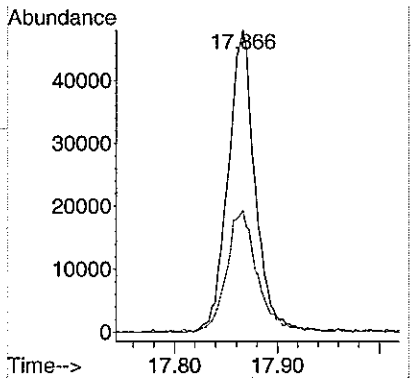


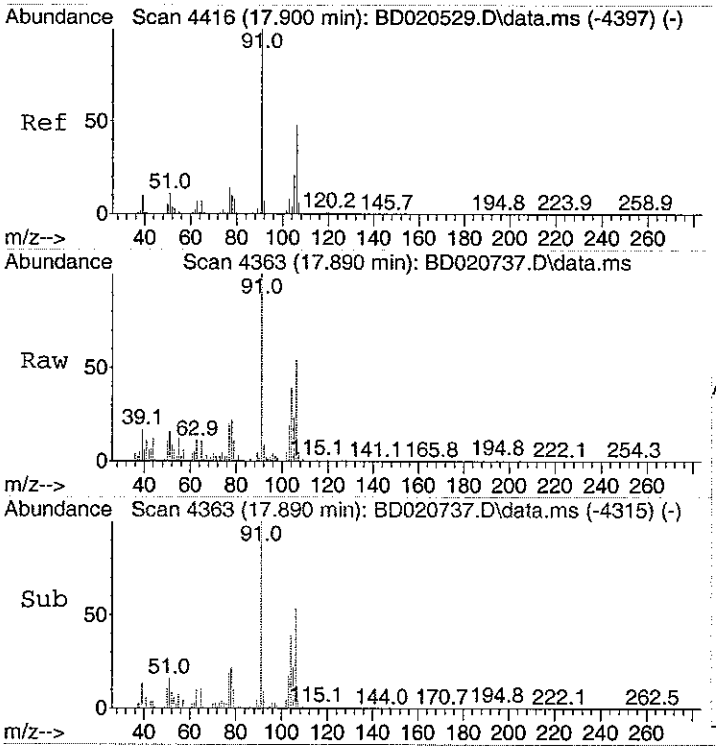


#54
Styrene
Concen: 1.06 ppb
RT: 17.866 min Scan# 4355
Delta R.T. -0.000 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion:104 Resp: 88147

Ion	Ratio	Lower	Upper
104	100		
78	45.2	39.7	79.7

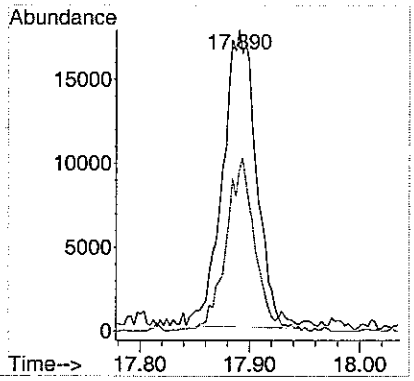


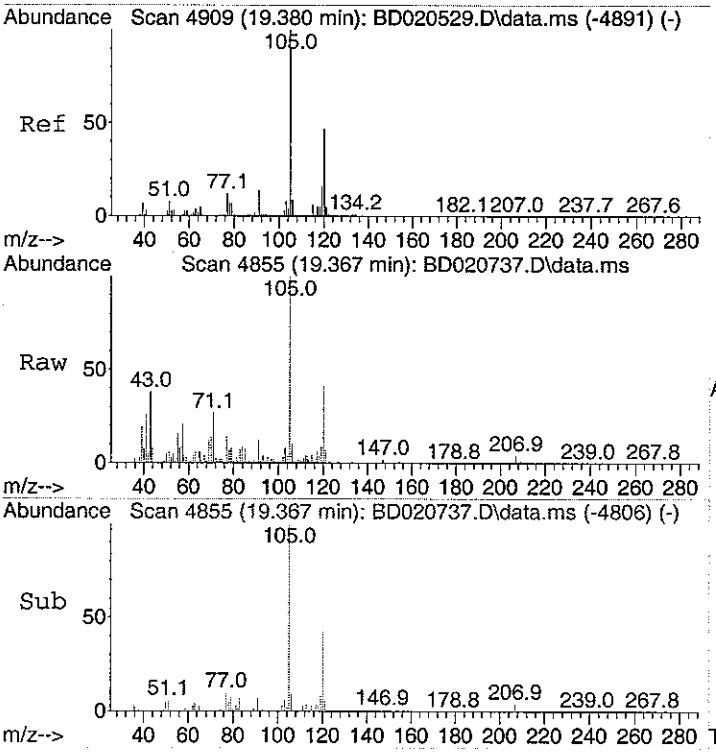


#56
o-xylene
Concen: 0.24 ppb
RT: 17.890 min Scan# 4363
Delta R.T. -0.006 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion: 91 Resp: 38470

Ion	Ratio	Lower	Upper
91	100		
106	49.5	27.2	67.2

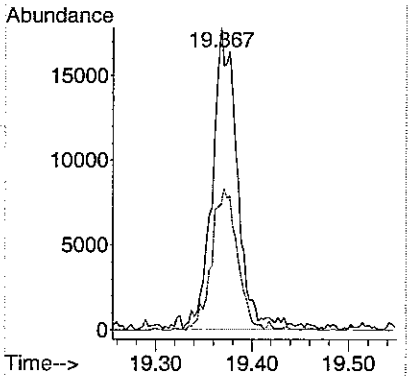




#61
1,2,4-trimethylbenzene
Concen: 0.29 ppb
RT: 19.367 min Scan# 4855
Delta R.T. -0.003 min
Lab File: BD020737.D
Acq: 8 Feb 2008 1:13 pm

Tgt Ion:105 Resp: 32319

Ion	Ratio	Lower	Upper
105	100		
120	47.4	29.6	69.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020738.D
Acq On : 8 Feb 2008 2:14 pm
Operator :
Sample : C0802002-004A 20X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 12:05:03 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

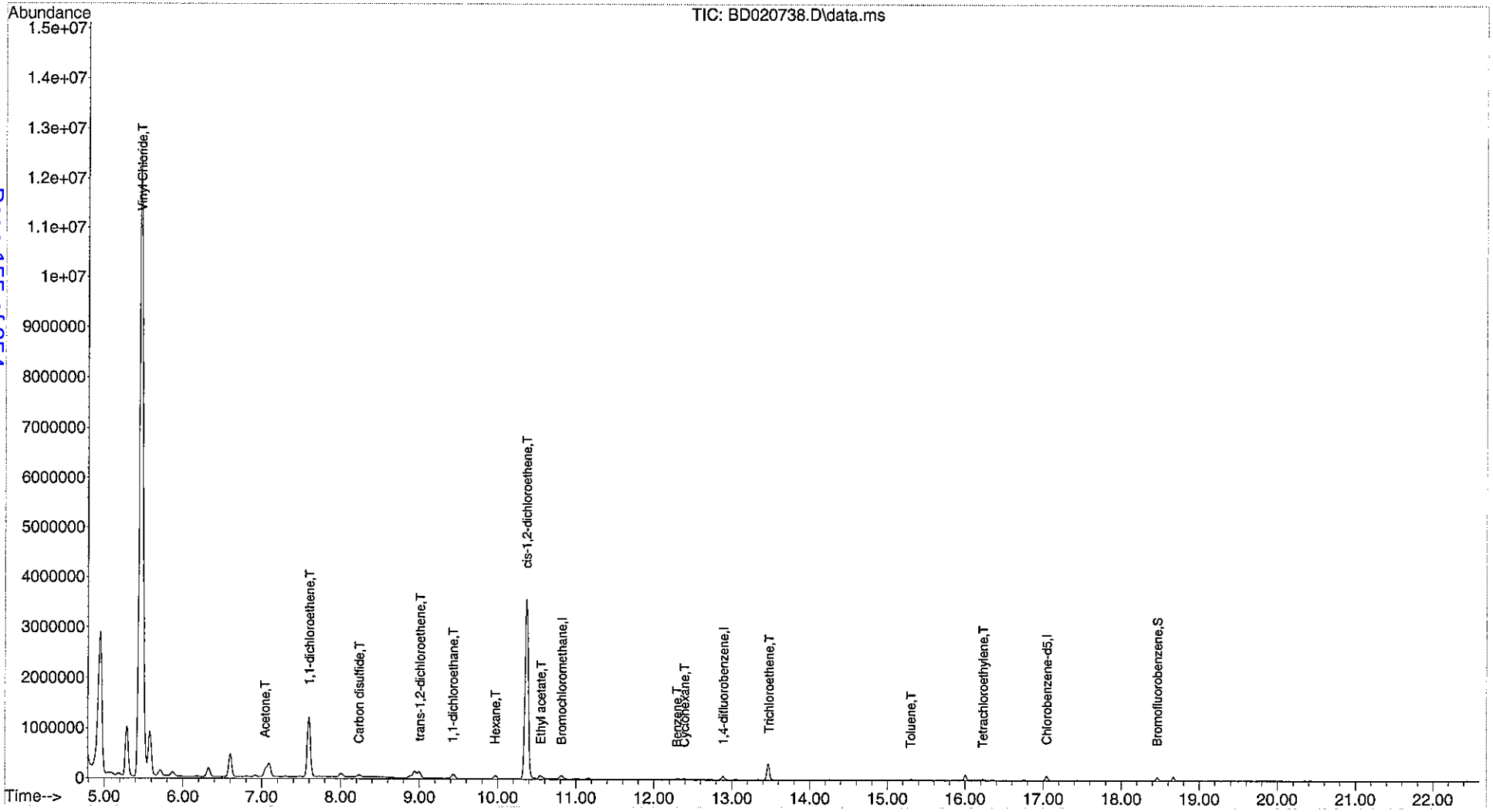
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.812	128	23465	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.886	114	61842	1.00	ppb		0.00
44) Chlorobenzene-d5	17.044	117	56691	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.461	95	23791	0.82	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 82.00%				
Target Compounds							Qvalue
6) Vinyl Chloride	5.459	62	20816417	462.50	ppb		97
12) Acetone	7.038	58	17033	0.90	ppb	#	1
14) 1,1-dichloroethene	7.597	96	611493	20.07	ppb		96
18) Carbon disulfide	8.230	76	86648	0.67	ppb		98
19) trans-1,2-dichloroethene	9.005	61	72708	1.80	ppb		98
21) 1,1-dichloroethane	9.425	63	30609	0.37	ppb		90
24) cis-1,2-dichloroethene	10.361	61	3120238	84.07	ppb		94
25) Hexane	9.965	41	33191	0.93	ppb	#	52
26) Ethyl acetate	10.548	43	112270	2.22	ppb	#	84
32) Cyclohexane	12.388	56	8775	0.24	ppb	#	61
34) Benzene	12.295	78	13535	0.14	ppb		94
38) Trichloroethene	13.472	130	124564	2.54	ppb		98
45) Toluene	15.297	92	8779	0.18	ppb		98
50) Tetrachloroethylene	16.224	164	5160	0.12	ppb		97

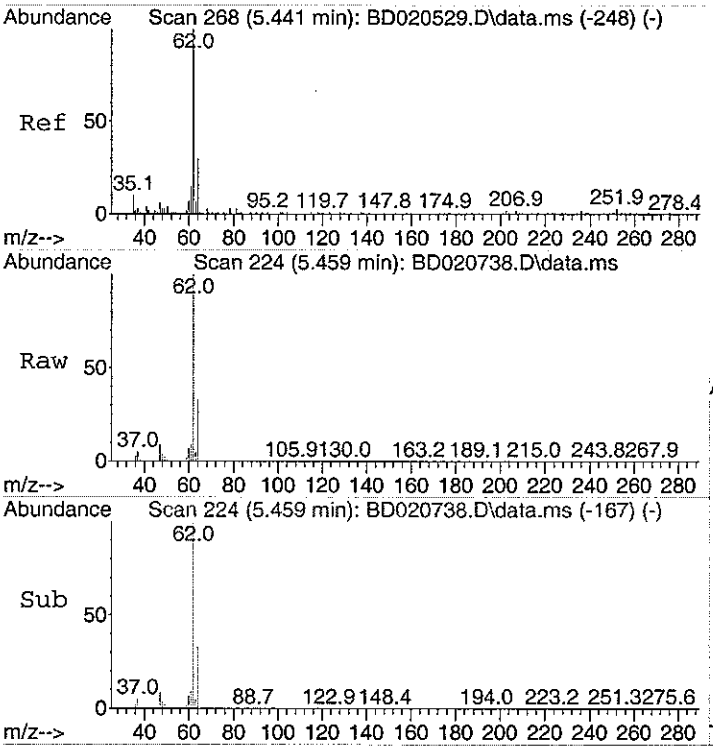
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020738.D
Acq On : 8 Feb 2008 2:14 pm
Operator :
Sample : C0802002-004A 20X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 12:05:03 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

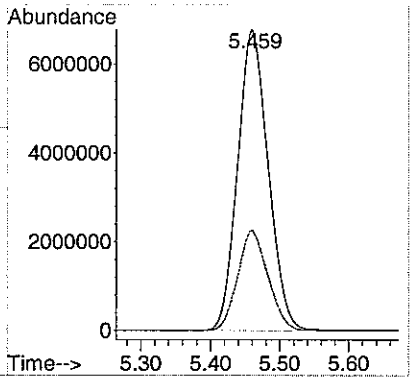


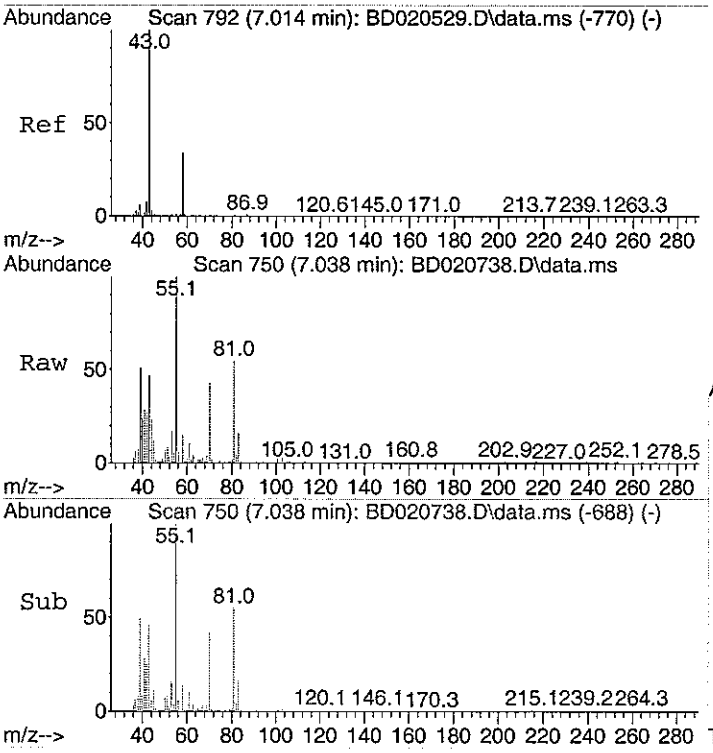


#6
Vinyl Chloride
Concen: 462.50 ppb
RT: 5.459 min Scan# 224
Delta R.T. 0.021 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 62 Resp:20816417

Ion	Ratio	Lower	Upper
62	100		
64	33.0	4.5	64.5

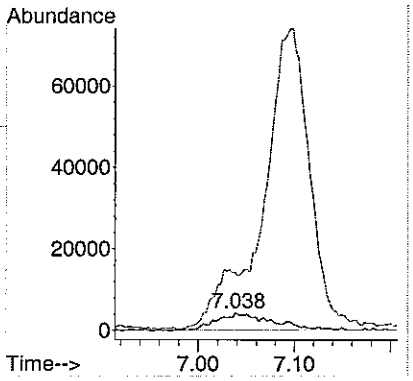


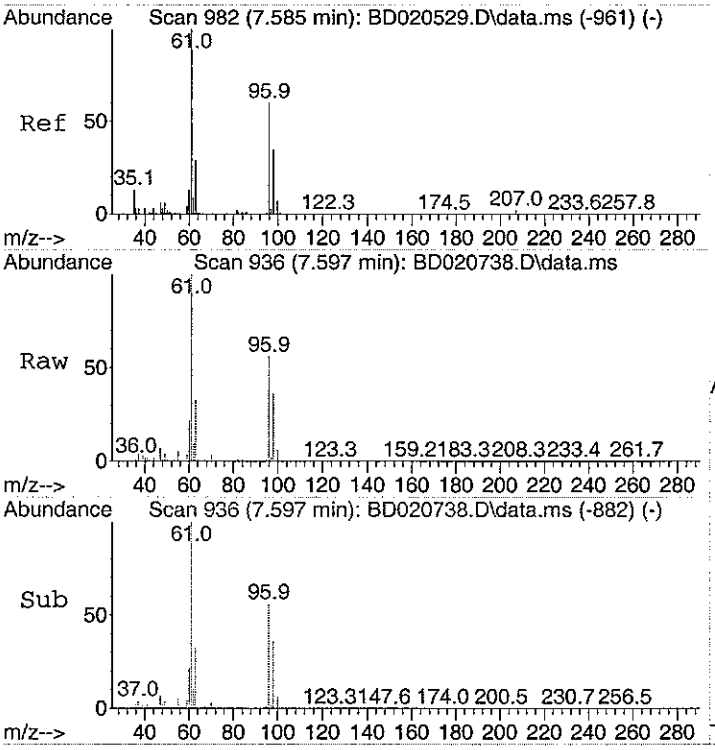


#12
Acetone
Concen: 0.90 ppb
RT: 7.038 min Scan# 750
Delta R.T. 0.036 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 58 Resp: 17033

Ion	Ratio	Lower	Upper
58	100		
43	0.0	385.5	445.5#

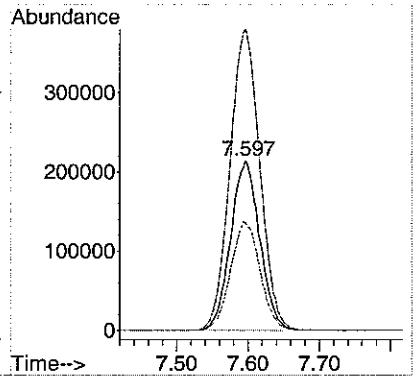


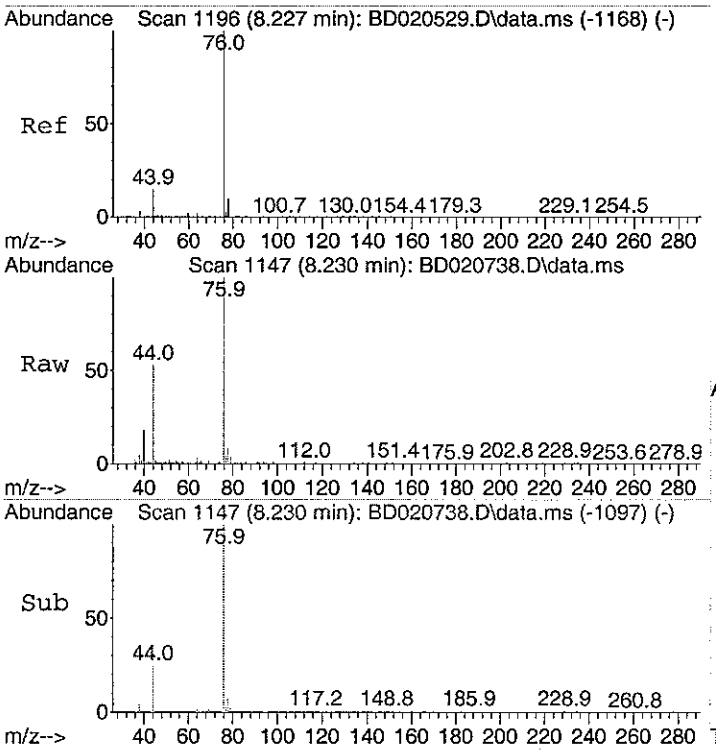


#14
1,1-dichloroethene
Concen: 20.07 ppb
RT: 7.597 min Scan# 936
Delta R.T. 0.012 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 96 Resp: 611493

Ion	Ratio	Lower	Upper
96	100		
61	181.5	154.1	194.1
98	65.0	45.2	85.2

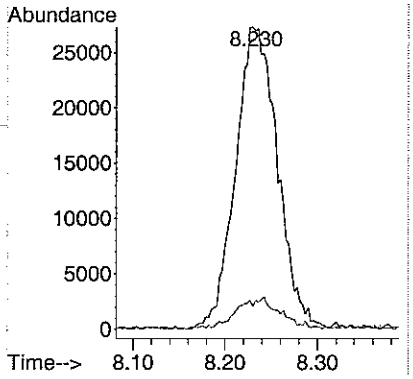


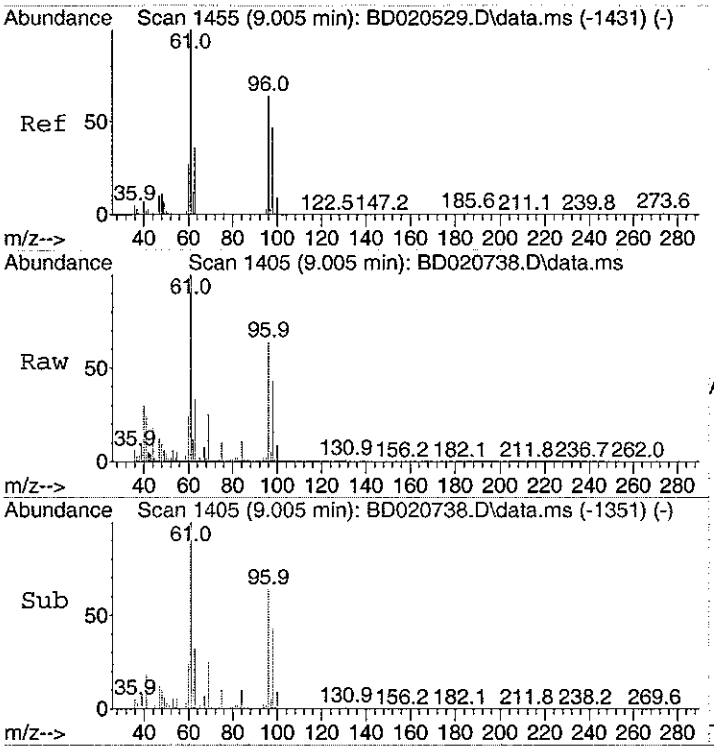


#18
Carbon disulfide
Concen: 0.67 ppb
RT: 8.230 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 76 Resp: 86648

Ion	Ratio	Lower	Upper
76	100		
78	10.0	0.0	29.2

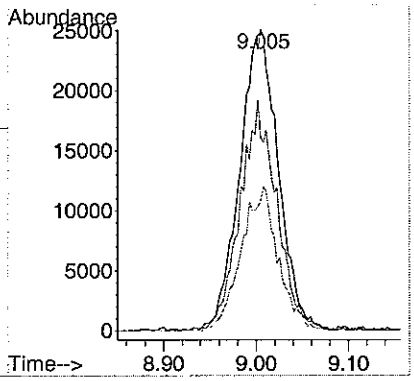


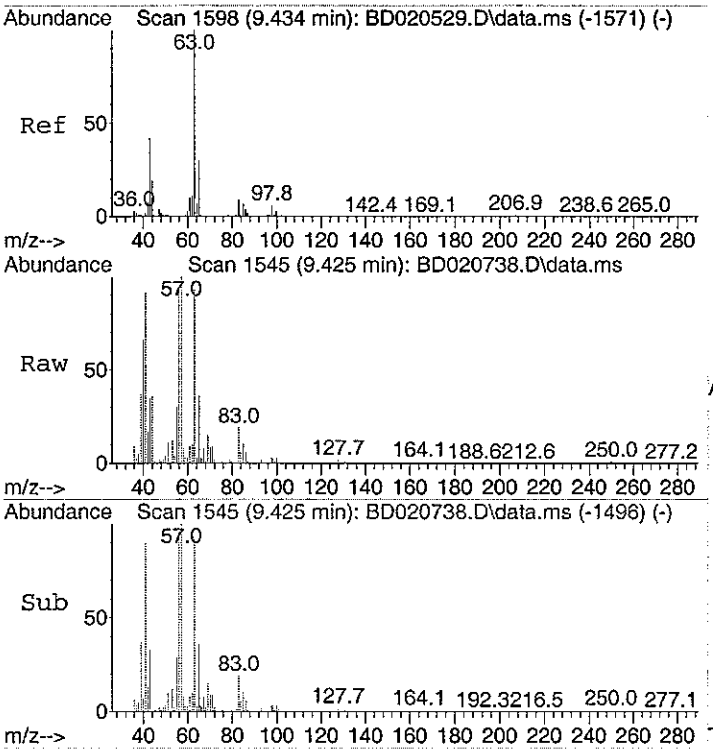


#19
trans-1,2-dichloroethene
Concen: 1.80 ppb
RT: 9.005 min Scan# 1405
Delta R.T. 0.012 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 61 Resp: 72708

Ion	Ratio	Lower	Upper
61	100		
96	72.8	50.1	90.1
98	46.2	26.8	66.8

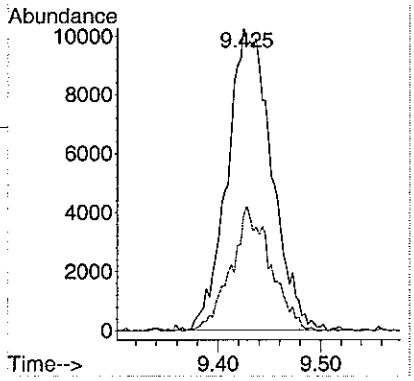


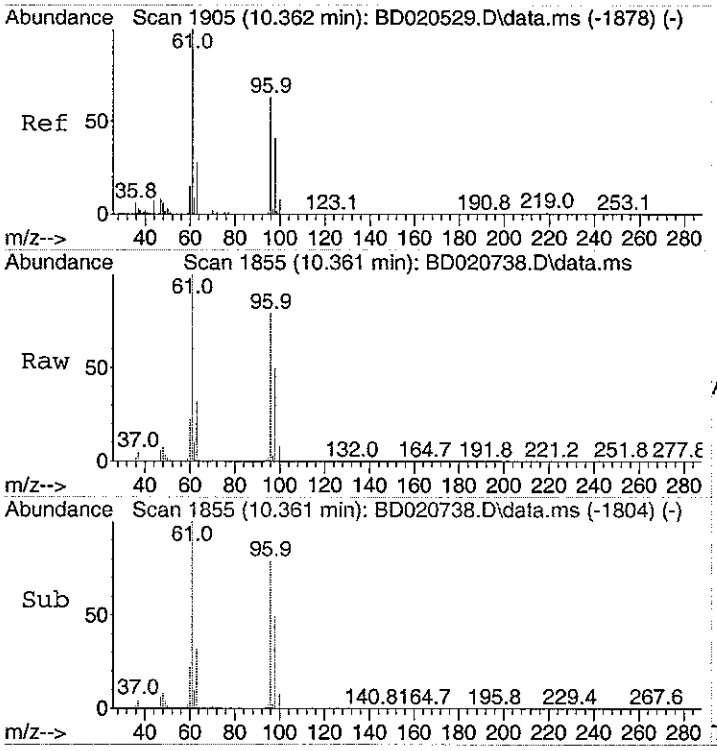


#21
1,1-dichloroethane
Concen: 0.37 ppb
RT: 9.425 min Scan# 1545
Delta R.T. -0.003 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 63 Resp: 30609

Ion	Ratio	Lower	Upper
63	100		
65	36.6	11.2	51.2

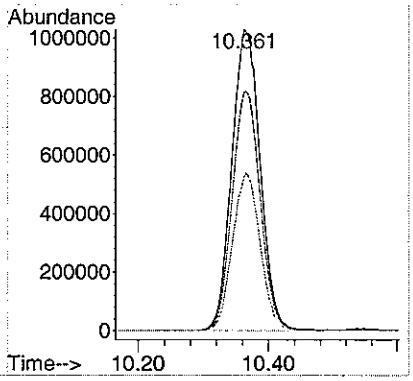


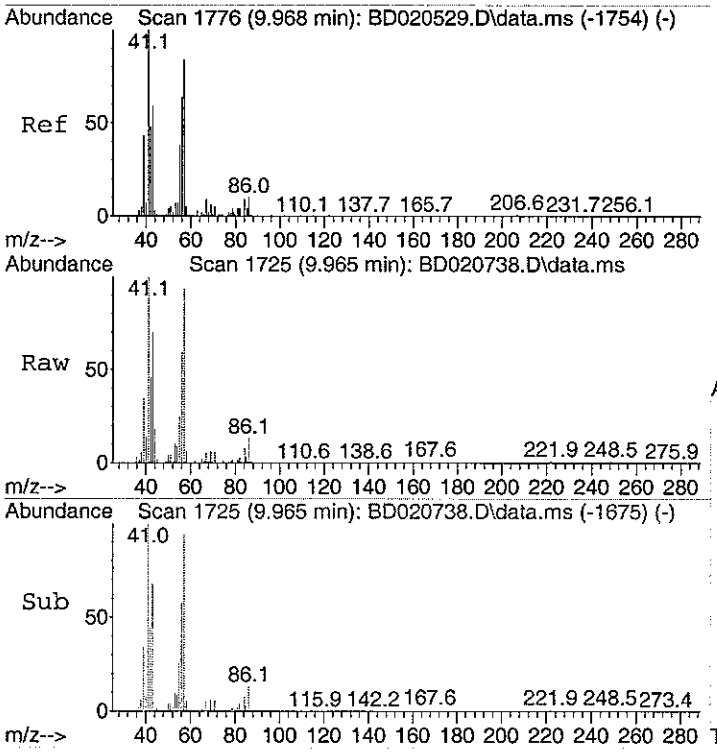


#24
cis-1,2-dichloroethene
Concen: 84.07 ppb
RT: 10.361 min Scan# 1855
Delta R.T. 0.003 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 61 Resp: 3120238

Ion	Ratio	Lower	Upper
61	100		
96	78.9	53.5	93.5
98	51.3	27.8	67.8

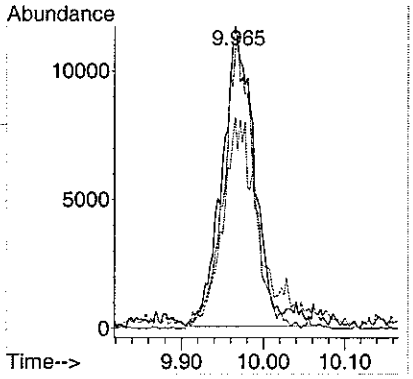


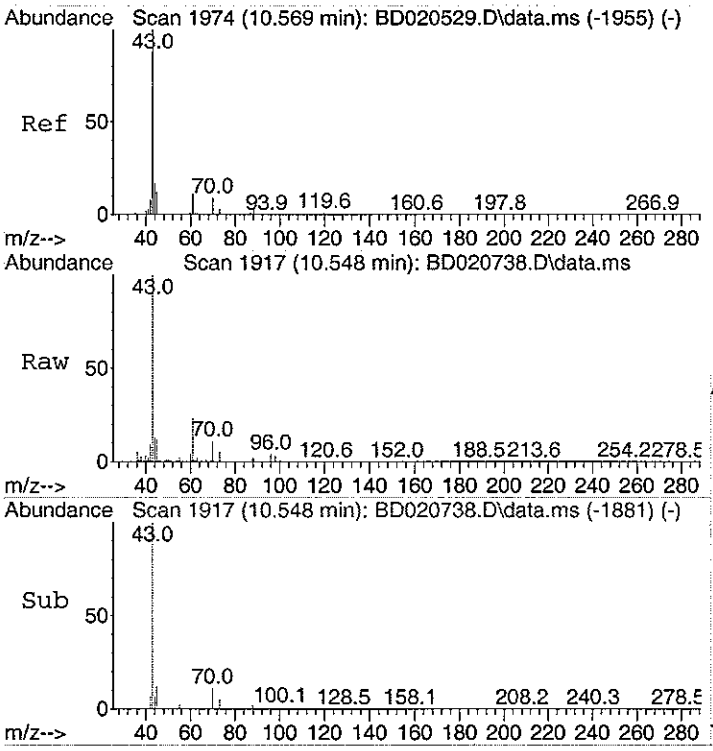


#25
Hexane
Concen: 0.93 ppb
RT: 9.965 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 41 Resp: 33191

Ion	Ratio	Lower	Upper
41	100		
57	86.8	72.3	112.3
43	78.6	157.2	197.2#

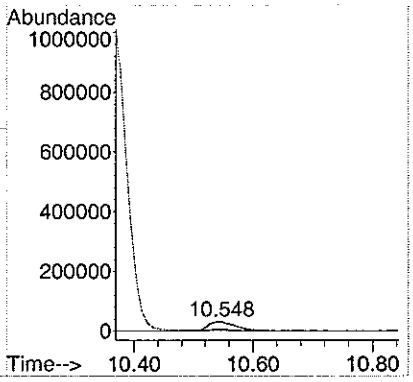


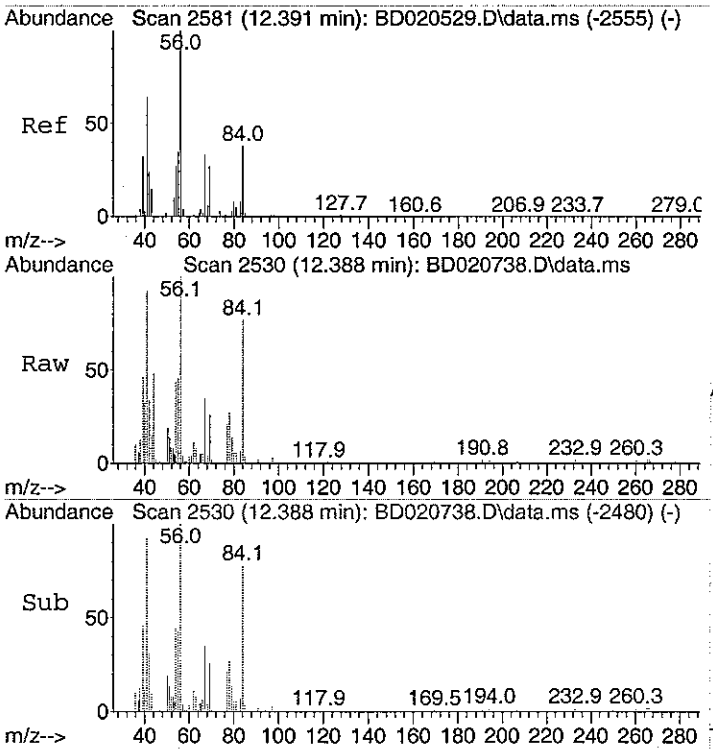


#26
Ethyl acetate
Concen: 2.22 ppb
RT: 10.548 min Scan# 1917
Delta R.T. -0.042 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 43 Resp: 112270

Ion	Ratio	Lower	Upper
43	100		
45	14.6	0.0	33.7
61	0.0	0.0	32.5

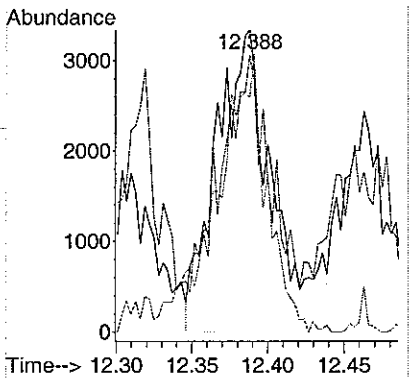


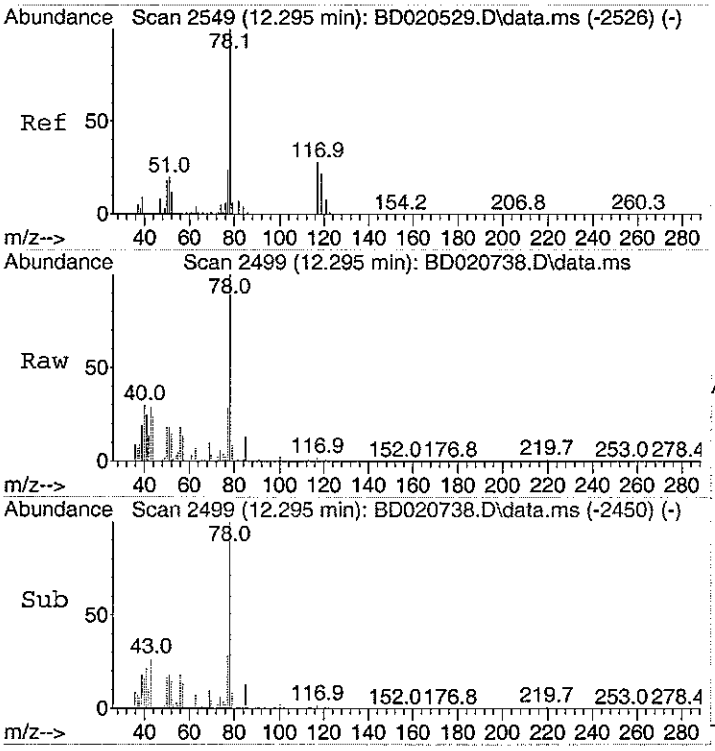


#32
Cyclohexane
Concen: 0.24 ppb
RT: 12.388 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 56 Resp: 8775

Ion	Ratio	Lower	Upper
56	100		
41	144.5	57.7	97.7#
84	79.8	58.0	98.0

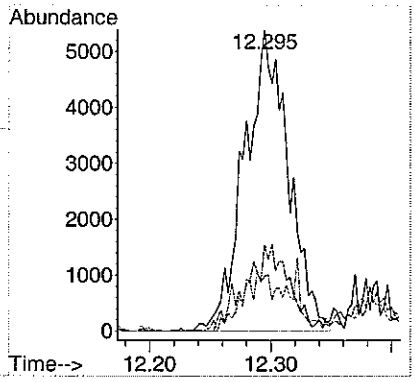


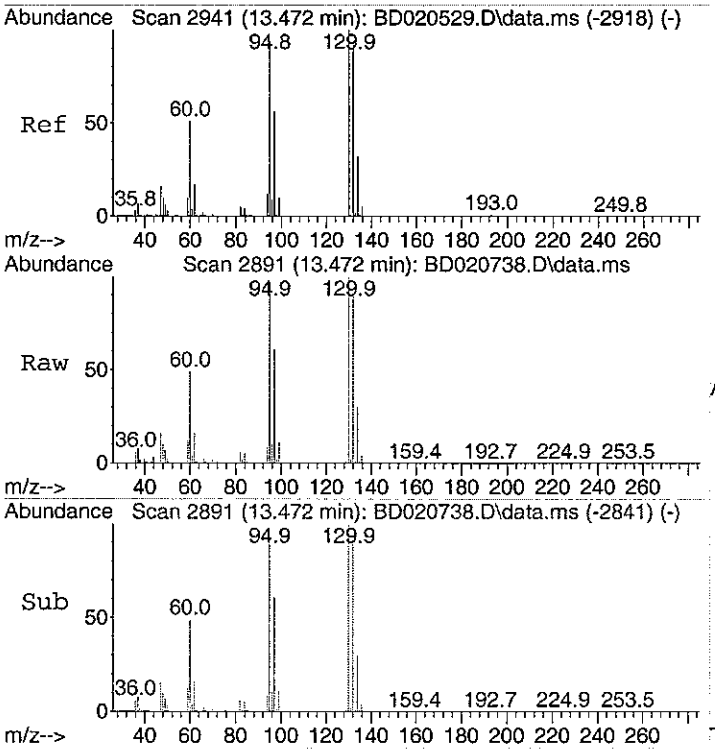


#34
Benzene
Concen: 0.14 ppb
RT: 12.295 min Scan# 2499
Delta R.T. -0.003 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 78 Resp: 13535

Ion	Ratio	Lower	Upper
78	100		
77	28.6	5.2	45.2
51	21.4	0.0	39.3

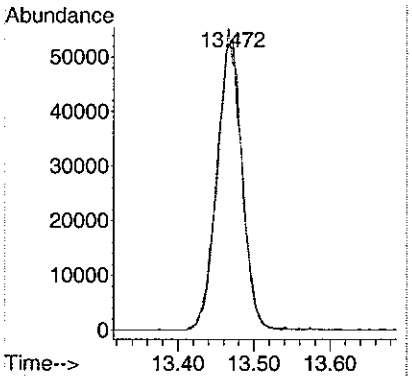


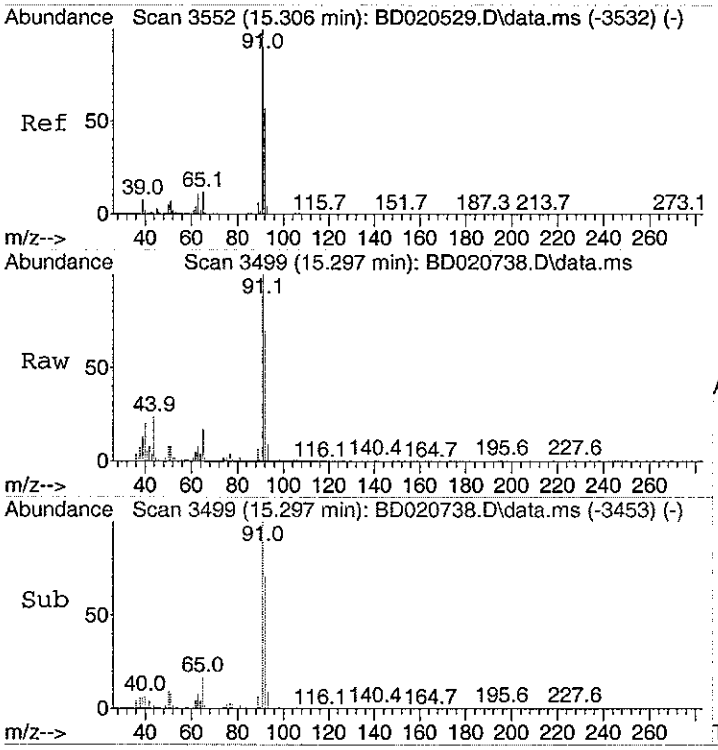


#38
Trichloroethene
Concen: 2.54 ppb
RT: 13.472 min Scan# 2891
Delta R.T. -0.000 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion:130 Resp: 124564

Ion	Ratio	Lower	Upper
130	100		
132	98.8	79.4	119.4
95	99.6	83.0	123.0

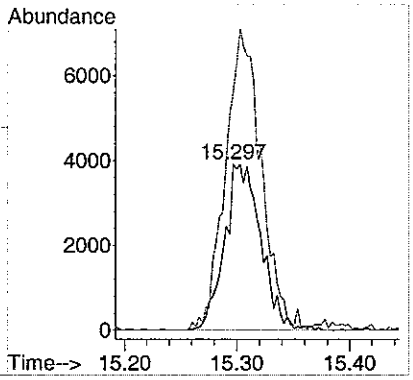


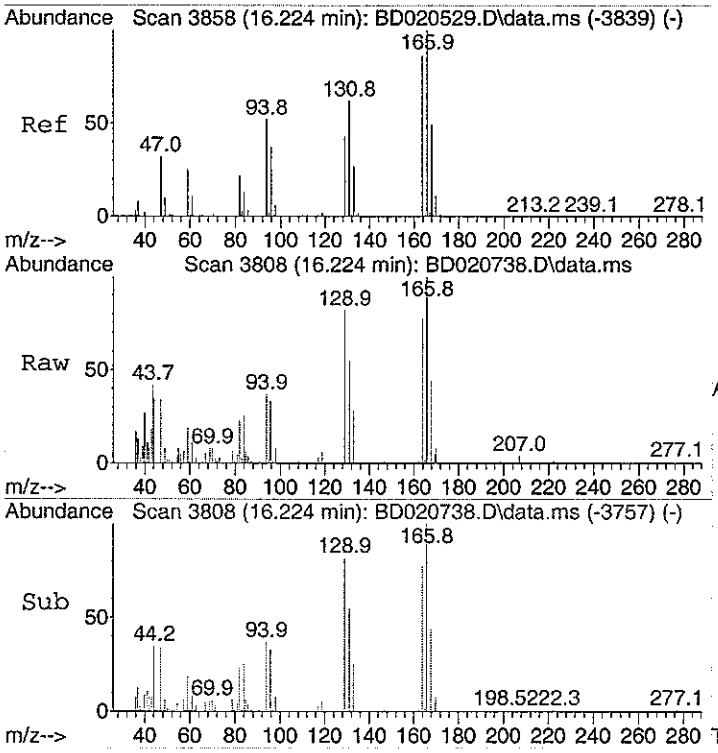


#45
Toluene
Concen: 0.18 ppb
RT: 15.297 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion: 92 Resp: 8779

Ion	Ratio	Lower	Upper
92	100		
91	176.3	153.2	193.2

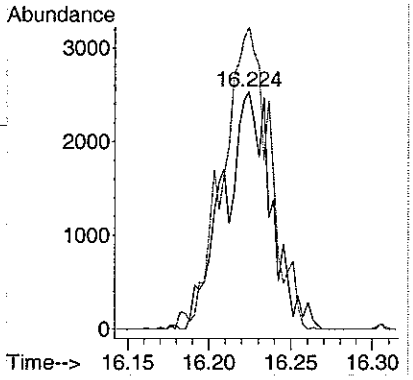




#50
Tetrachloroethylene
Concen: 0.12 ppb
RT: 16.224 min Scan# 3808
Delta R.T. 0.003 min
Lab File: BD020738.D
Acq: 8 Feb 2008 2:14 pm

Tgt Ion:164 Resp: 5160

Ion	Ratio	Lower	Upper
164	100		
166	124.9	107.9	147.9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020739.D
Acq On : 8 Feb 2008 2:51 pm
Operator :
Sample : C0802002-004A 40X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 12:12:08 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

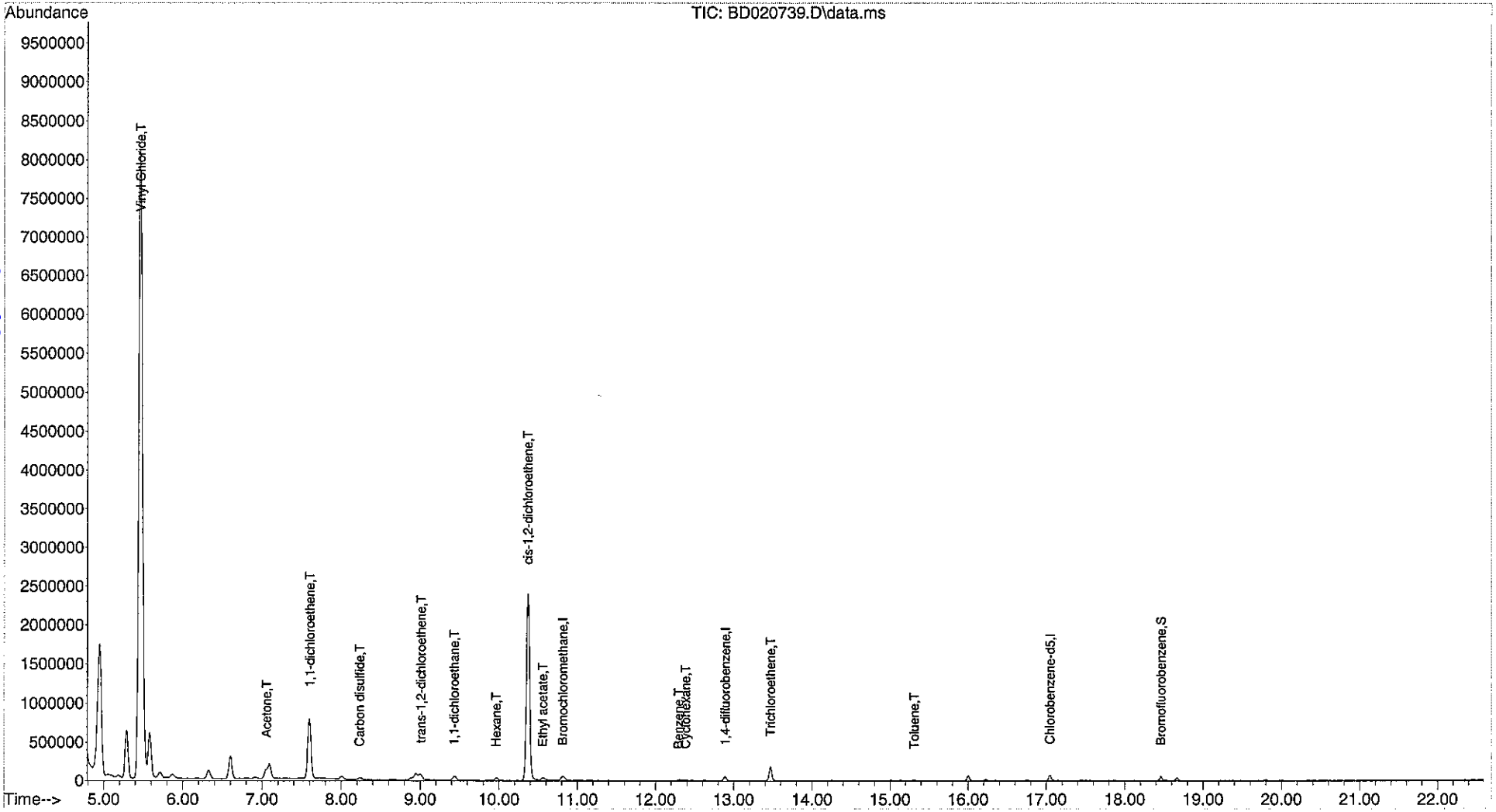
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.809	128	21527	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.886	114	49831	1.00	ppb		0.00
44) Chlorobenzene-d5	17.044	117	48131	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.461	95	19513	0.79	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 79.00%				
Target Compounds							Qvalue
6) Vinyl Chloride	5.462	62	14315559	346.70	ppb		97
12) Acetone	7.053	58	12011	0.69	ppb	#	1
14) 1,1-dichloroethene	7.600	96	400107	14.31	ppb		95
18) Carbon disulfide	8.230	76	57151	0.48	ppb		95
19) trans-1,2-dichloroethene	9.008	61	42578	1.15	ppb		99
21) 1,1-dichloroethane	9.428	63	18821	0.25	ppb		91
24) cis-1,2-dichloroethene	10.365	61	2075243	60.95	ppb		95
25) Hexane	9.962	41	19259	0.59	ppb	#	36
26) Ethyl acetate	10.554	43	61792	1.33	ppb		95
32) Cyclohexane	12.379	56	3635 t.h	0.12	ppb		87
34) Benzene	12.289	78	8113m	0.10	ppb		
38) Trichloroethene	13.466	130	71321	1.81	ppb		97
45) Toluene	15.306	92	5215	0.13	ppb		100

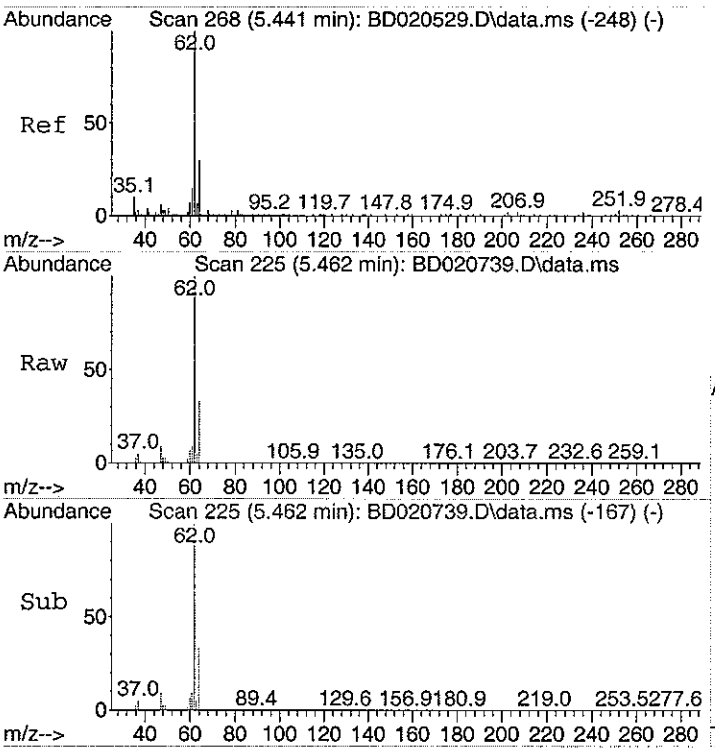
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020739.D
Acq On : 8 Feb 2008 2:51 pm
Operator :
Sample : C0802002-004A 40X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 12:12:08 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

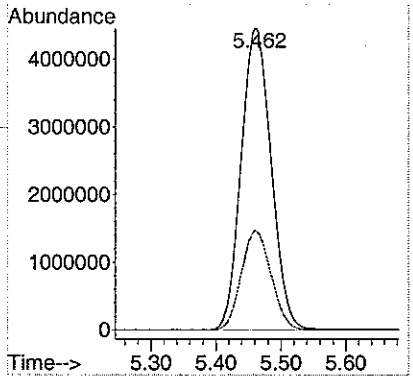


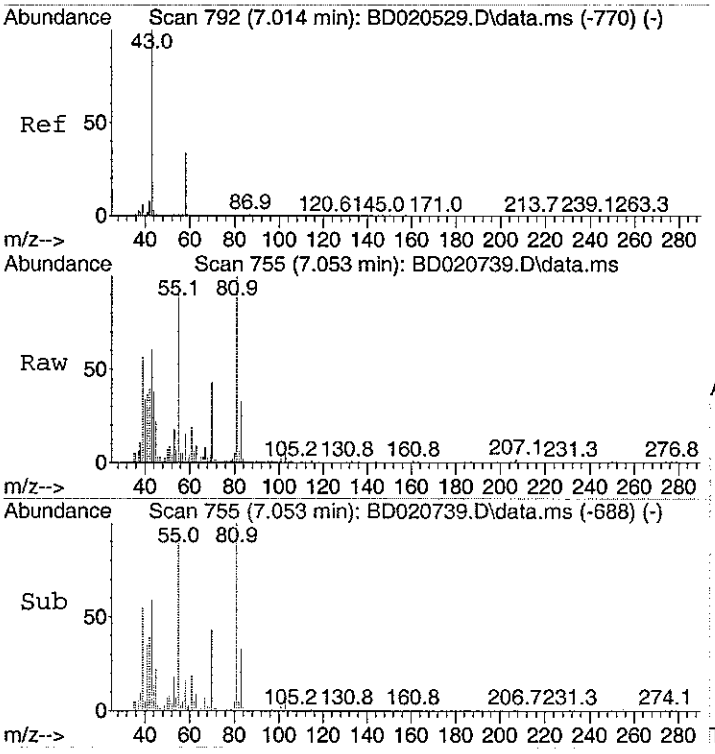


#6
Vinyl Chloride
Concen: 346.70 ppb
RT: 5.462 min Scan# 225
Delta R.T. 0.024 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 62 Resp:14315559

Ion	Ratio	Lower	Upper
62	100		
64	32.8	4.5	64.5

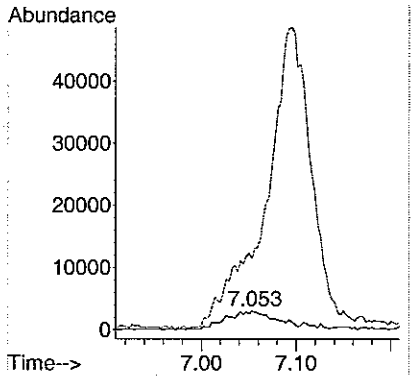


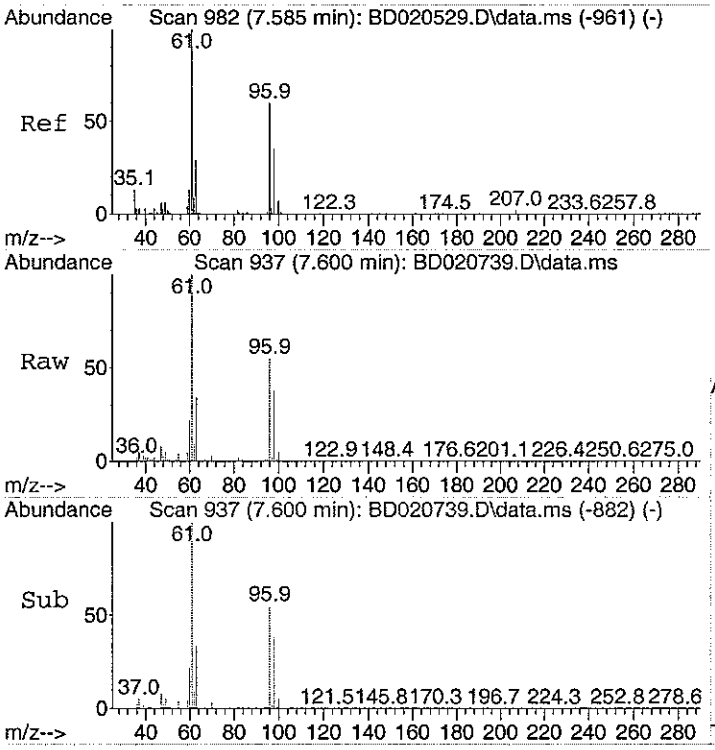


#12
Acetone
Concen: 0.69 ppb
RT: 7.053 min Scan# 755
Delta R.T. 0.051 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 58 Resp: 12011

Ion	Ratio	Lower	Upper
58	100		
43	1330.5	385.5	445.5#

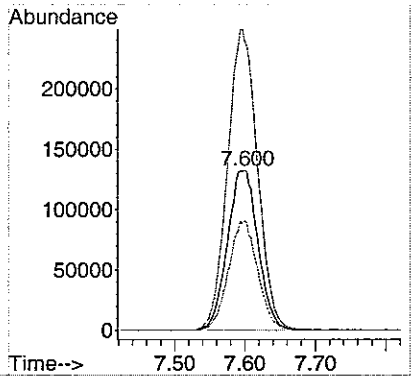


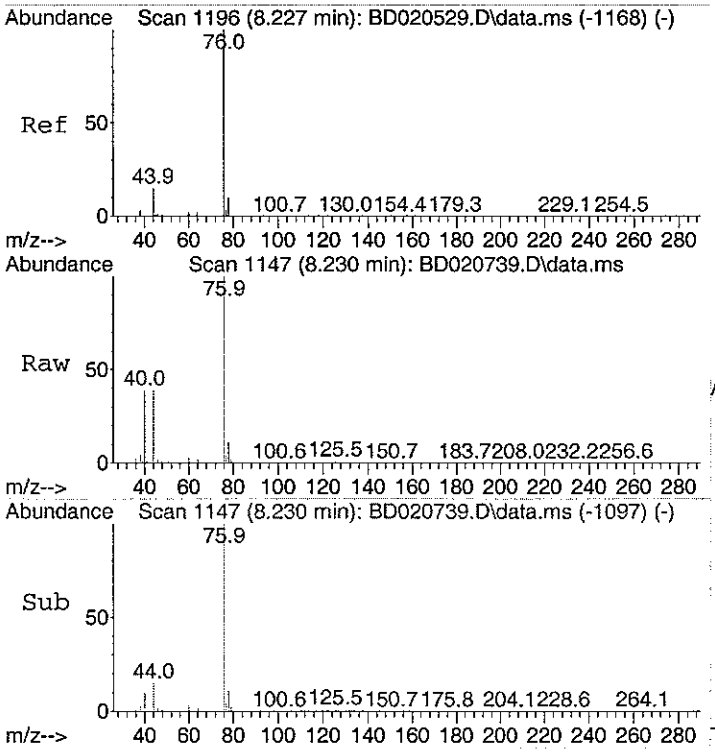


#14
1,1-dichloroethene
Concen: 14.31 ppb
RT: 7.600 min Scan# 937
Delta R.T. 0.015 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 96 Resp: 400107

Ion	Ratio	Lower	Upper
96	100		
61	183.4	154.1	194.1
98	65.5	45.2	85.2

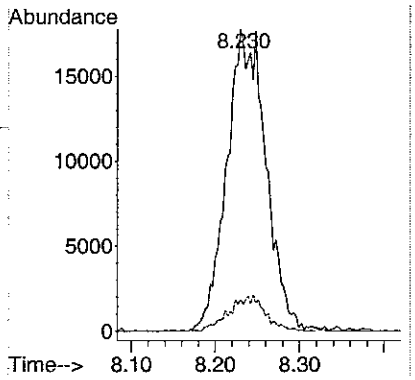


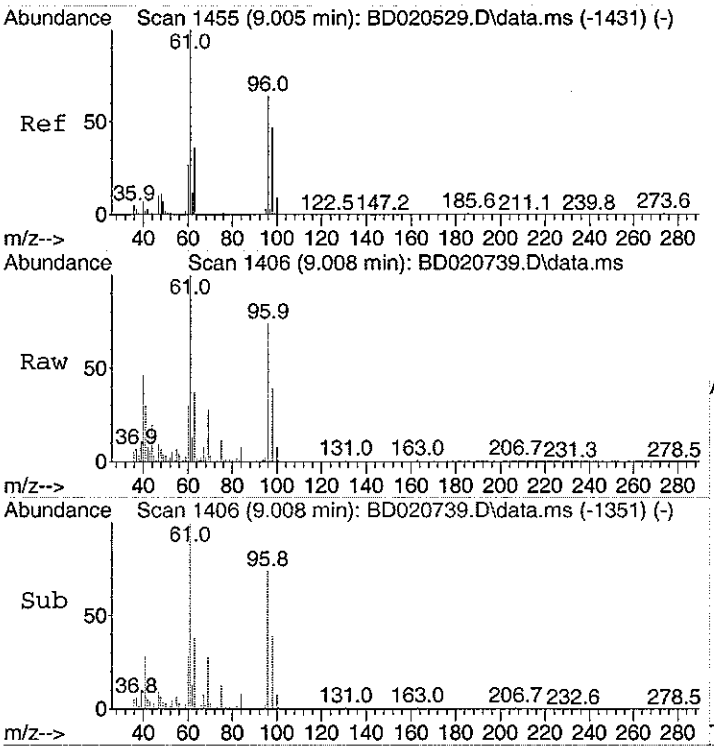


#18
Carbon disulfide
Concen: 0.48 ppb
RT: 8.230 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 76 Resp: 57151

Ion	Ratio	Lower	Upper
76	100		
78	11.0	0.0	29.2

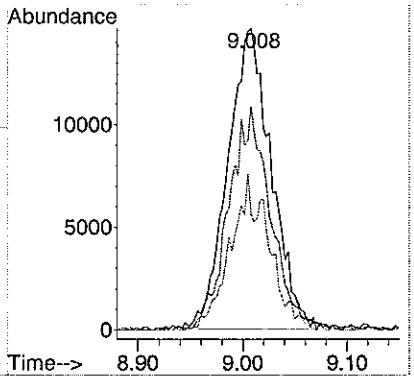


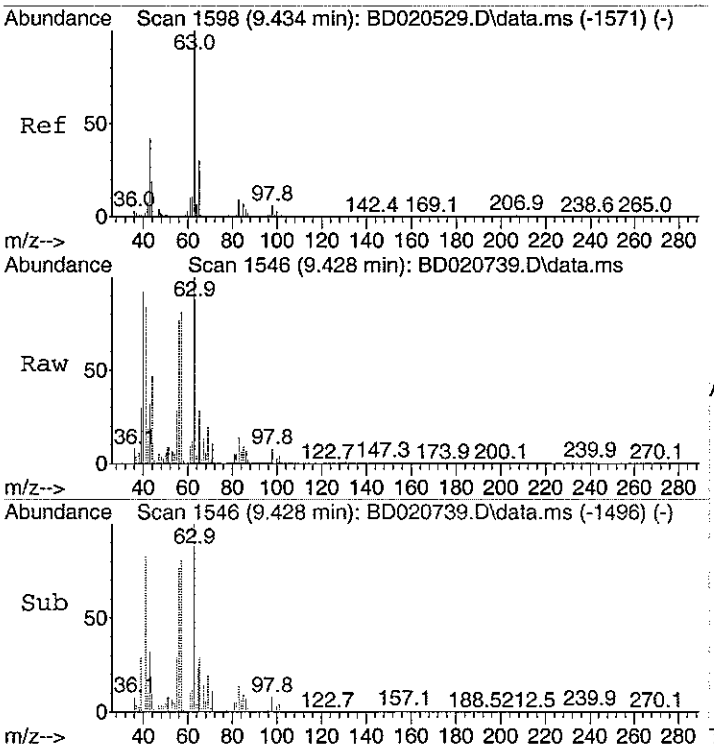


#19
trans-1,2-dichloroethene
Concen: 1.15 ppb
RT: 9.008 min Scan# 1406
Delta R.T. 0.015 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 61 Resp: 42578

Ion	Ratio	Lower	Upper
61	100		
96	71.5	50.1	90.1
98	46.0	26.8	66.8

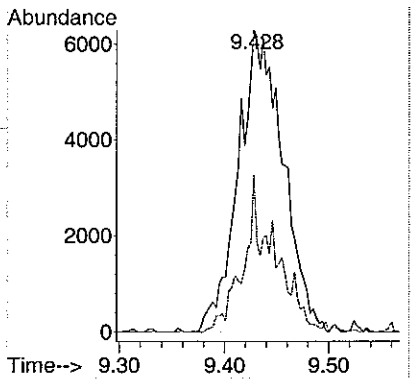


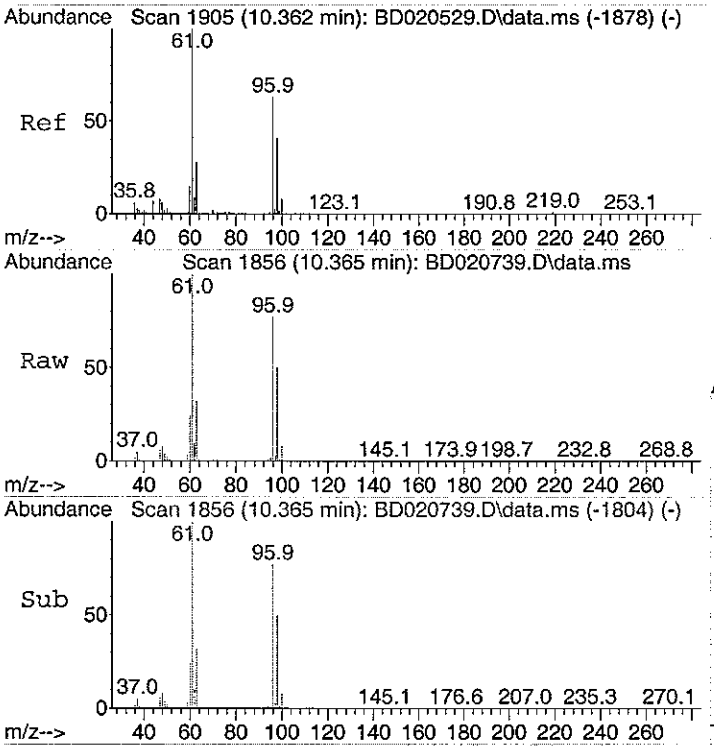


#21
1,1-dichloroethane
Concen: 0.25 ppb
RT: 9.428 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 63 Resp: 18821

Ion	Ratio	Lower	Upper
63	100		
65	36.2	11.2	51.2

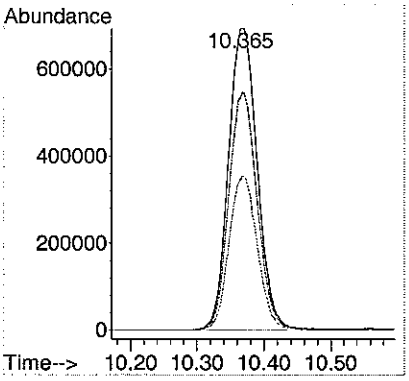


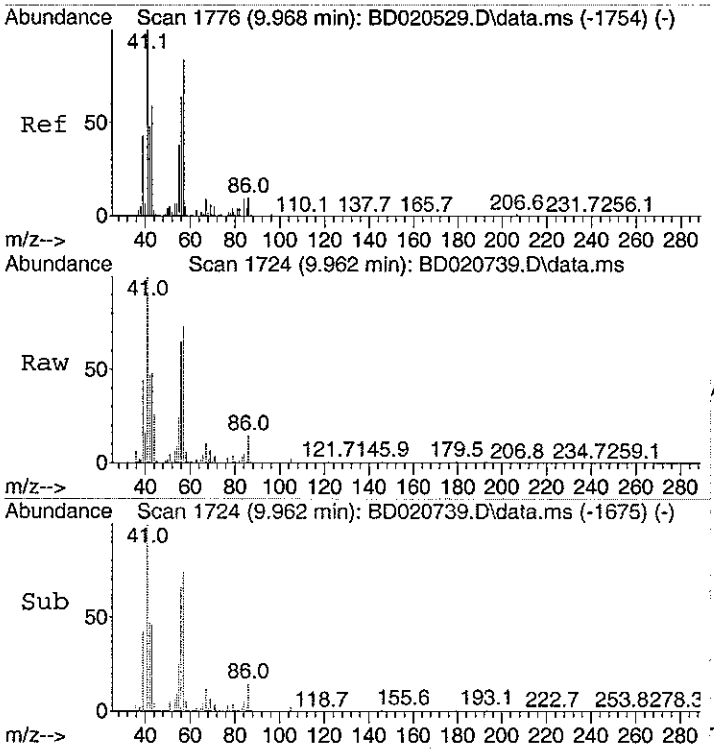


#24
cis-1,2-dichloroethene
Concen: 60.95 ppb
RT: 10.365 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 61 Resp: 2075243

Ion	Ratio	Lower	Upper
61	100		
96	77.7	53.5	93.5
98	50.4	27.8	67.8

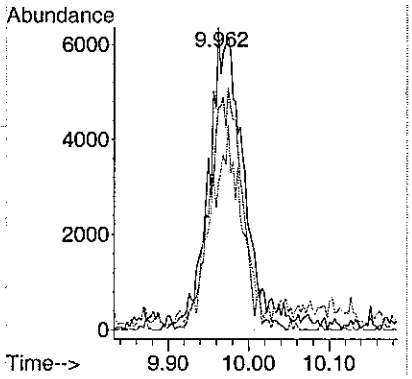


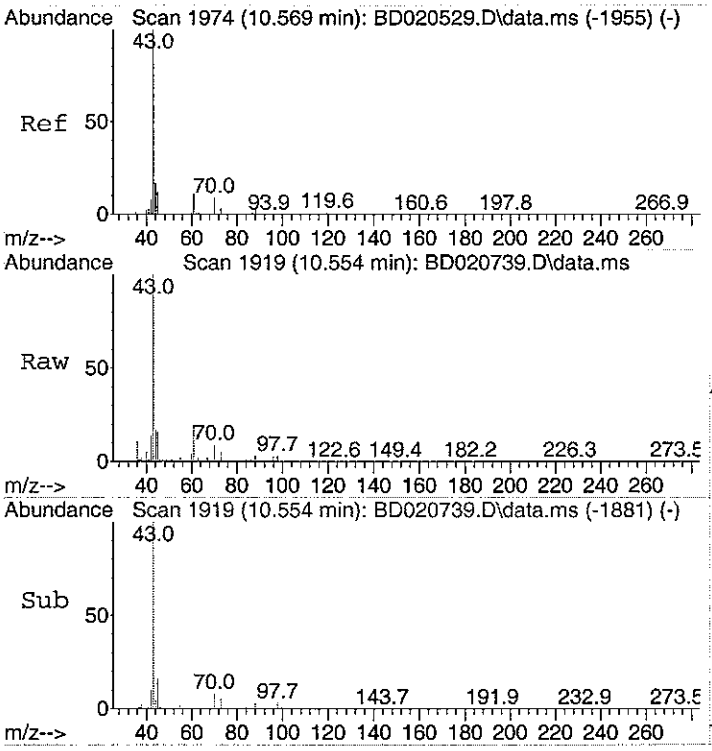


#25
Hexane
Concen: 0.59 ppb
RT: 9.962 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 41 Resp: 19259

Ion	Ratio	Lower	Upper
41	100		
57	72.1	72.3	112.3#
43	56.5	157.2	197.2#

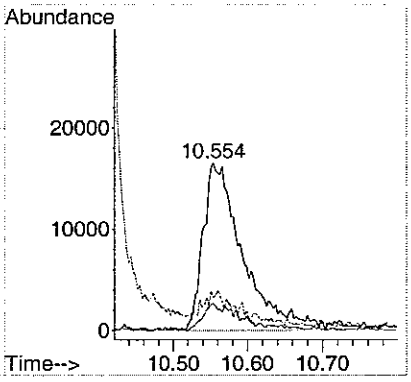


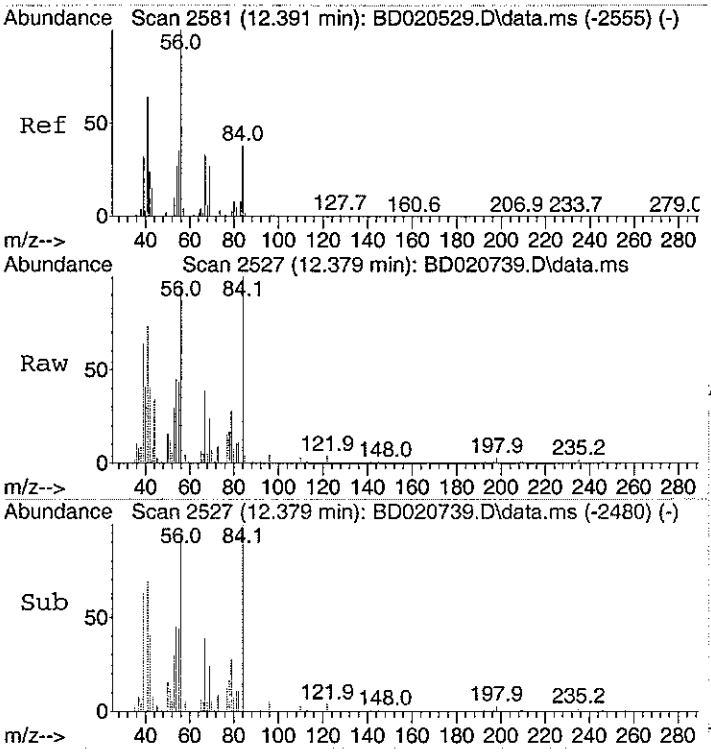


#26
Ethyl acetate
Concen: 1.33 ppb
RT: 10.554 min Scan# 1919
Delta R.T. -0.036 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 43 Resp: 61792

Ion	Ratio	Lower	Upper
43	100		
45	16.6	0.0	33.7
61	11.9	0.0	32.5

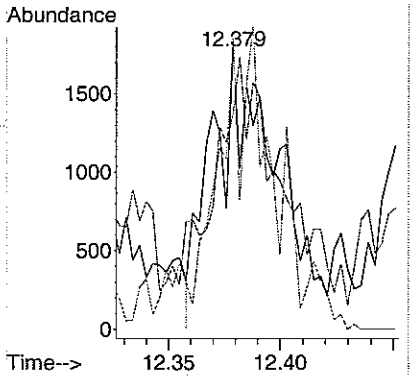


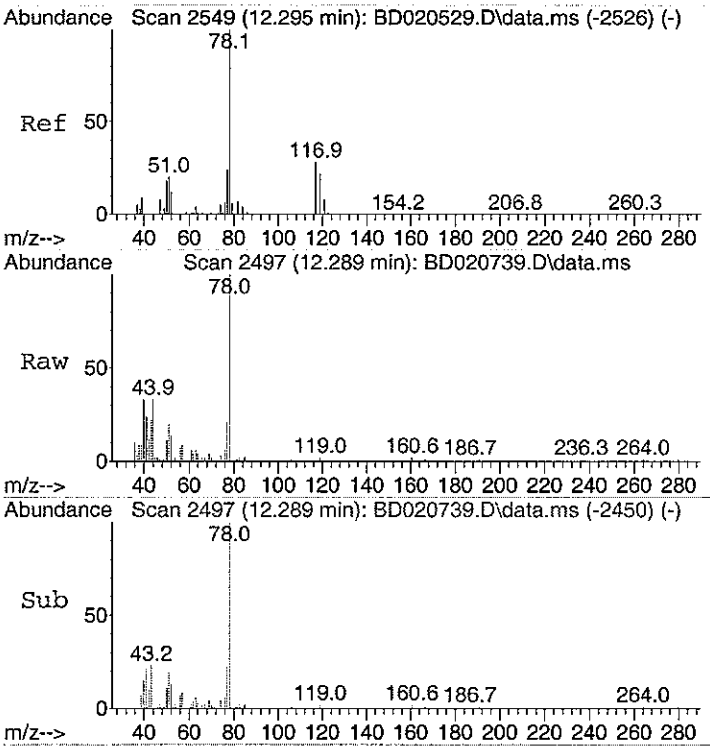


#32
Cyclohexane
Concen: 0.12 ppb
RT: 12.379 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 56 Resp: 3635

Ion	Ratio	Lower	Upper
56	100		
41	89.4	57.7	97.7
84	88.3	58.0	98.0

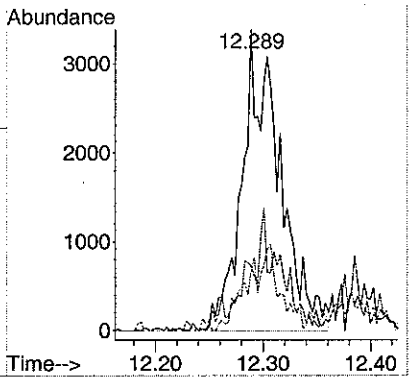


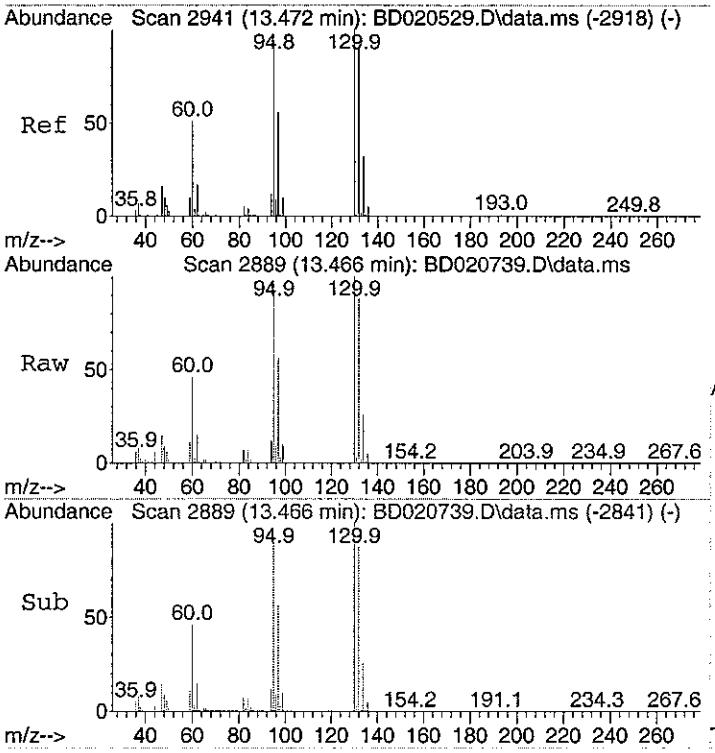


#34
Benzene
Concen: 0.10 ppb m
RT: 12.289 min Scan# 2497
Delta R.T. -0.009 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 78 Resp: 8113

Ion	Ratio	Lower	Upper
78	100		
77	10.5	5.2	45.2
51	0.0	0.0	39.3

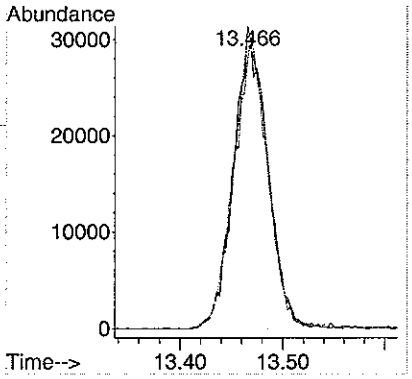


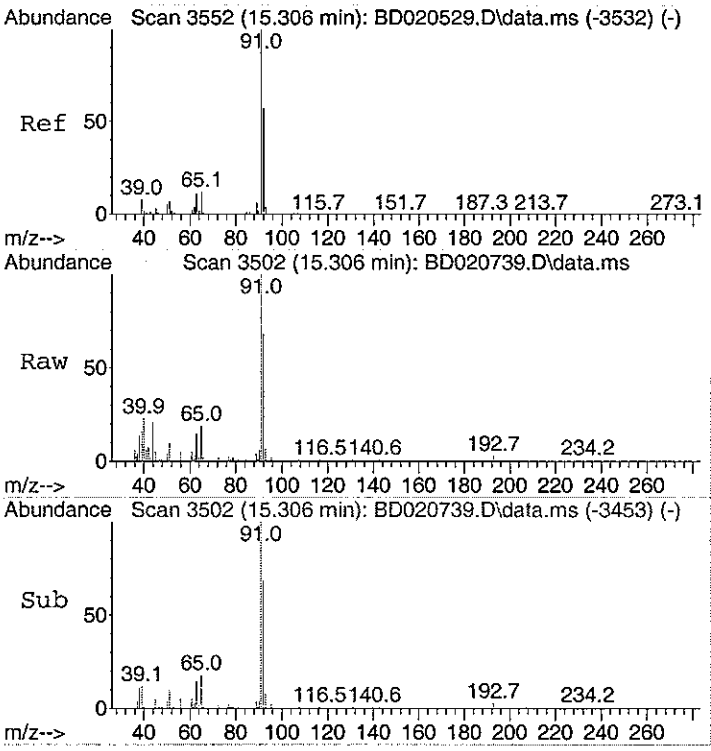


#38
Trichloroethene
Concen: 1.81 ppb
RT: 13.466 min Scan# 2889
Delta R.T. -0.006 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion:130 Resp: 71321

Ion	Ratio	Lower	Upper
130	100		
132	96.3	79.4	119.4
95	100.2	83.0	123.0

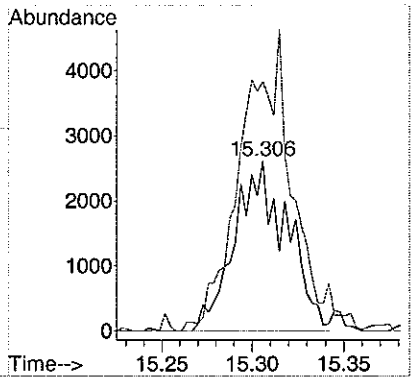




#45
Toluene
Concen: 0.13 ppb
RT: 15.306 min Scan# 3502
Delta R.T. -0.003 min
Lab File: BD020739.D
Acq: 8 Feb 2008 2:51 pm

Tgt Ion: 92 Resp: 5215

Ion	Ratio	Lower	Upper
92	100		
91	172.6	153.2	193.2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020934.D
Acq On : 10 Feb 2008 11:13 am
Operator :
Sample : C0802002-004A 1280X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 13 14:23:34 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

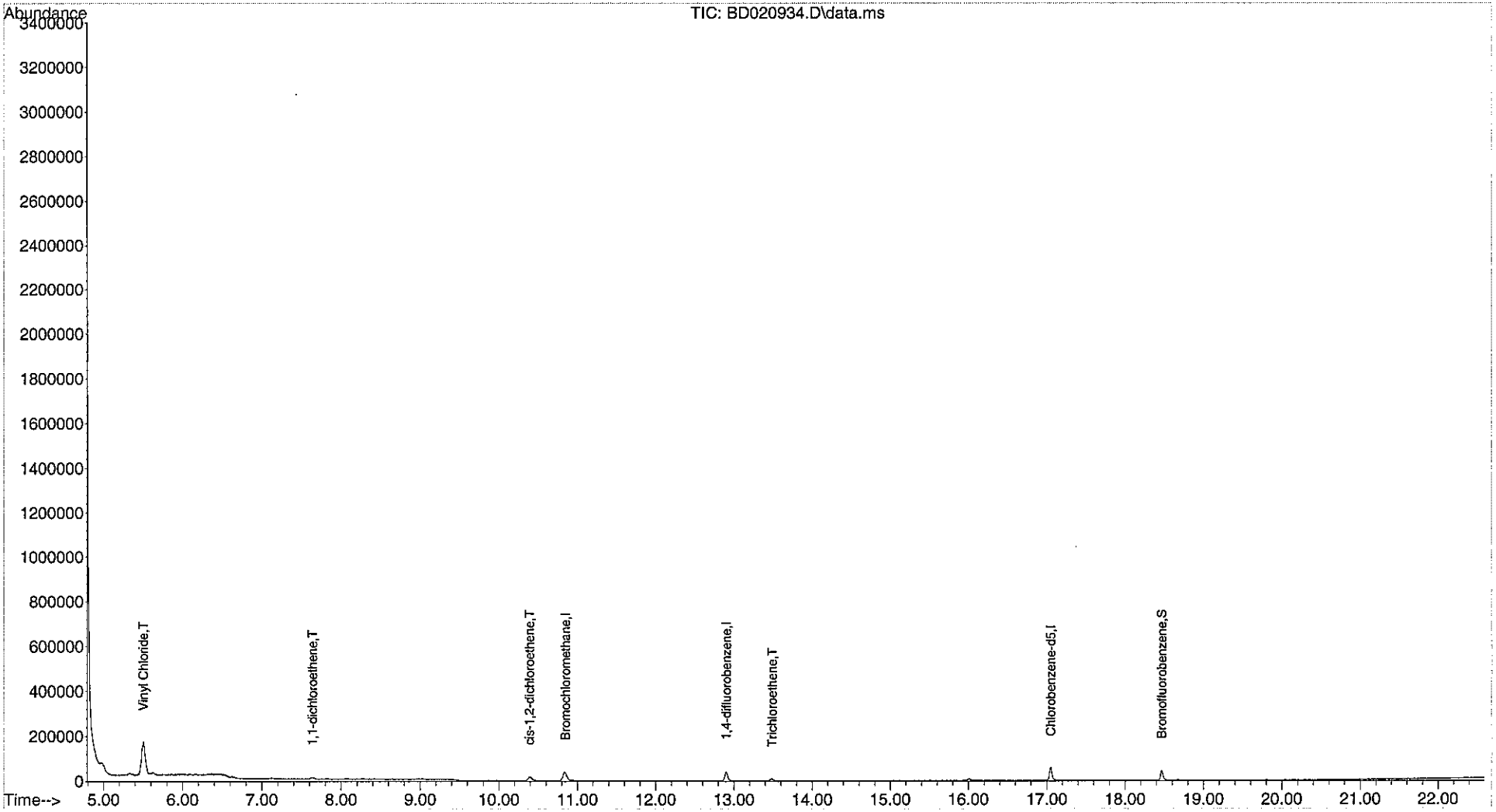
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.845	128	18465	1.00	ppb	# 0.03
30) 1,4-difluorobenzene	12.901	114	39490	1.00	ppb	0.02
44) Chlorobenzene-d5	17.050	117	42195	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.467	95	15433	0.72	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 72.00%			
Target Compounds						Qvalue
6) Vinyl Chloride	5.501	62	246252	6.95	ppb	96
14) 1,1-dichloroethene	7.636	96	4369	0.18	ppb	# 86
24) cis-1,2-dichloroethene	10.386	61	16116	0.55	ppb	97
38) Trichloroethene	13.484	130	3803m T.L.	0.12	ppb	

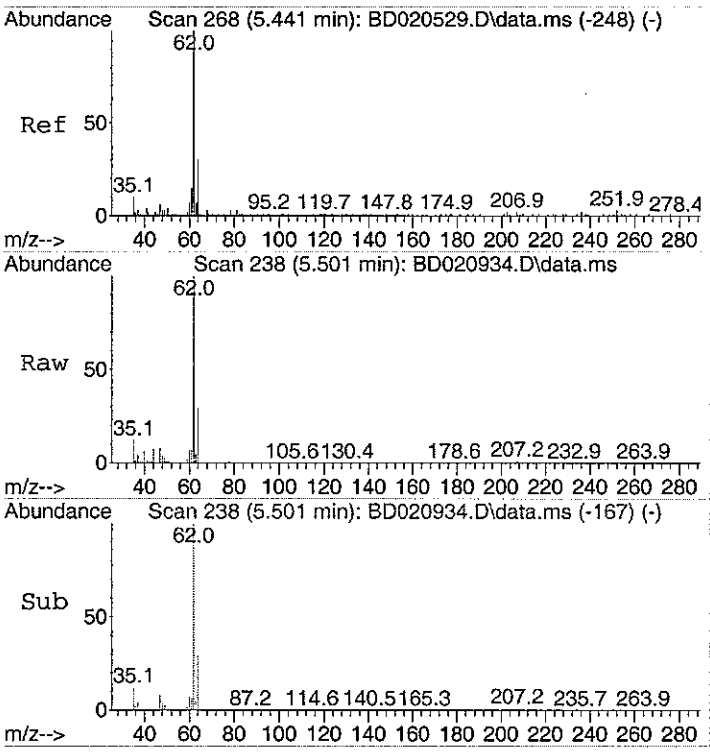
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020934.D
Acq On : 10 Feb 2008 11:13 am
Operator :
Sample : C0802002-004A 1280X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 13 14:23:34 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

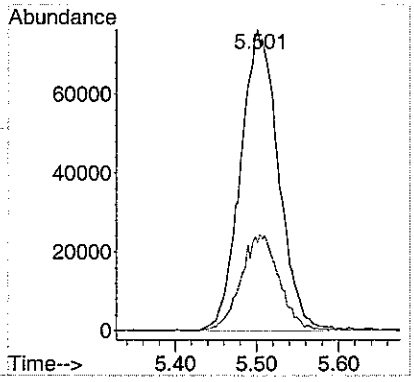


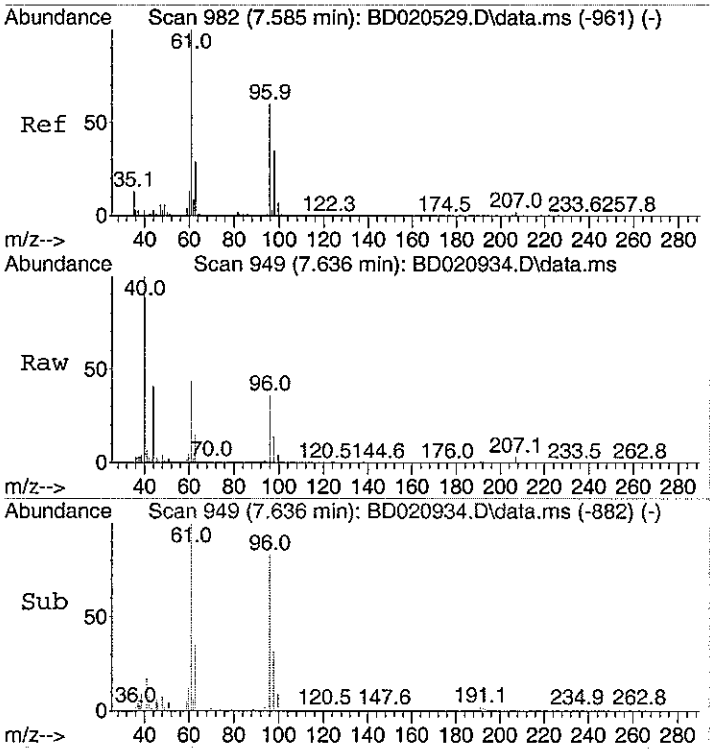


#6
Vinyl Chloride
Concen: 6.95 ppb
RT: 5.501 min Scan# 238
Delta R.T. 0.063 min
Lab File: BD020934.D
Acq: 10 Feb 2008 11:13 am

Tgt Ion: 62 Resp: 246252

Ion	Ratio	Lower	Upper
62	100		
64	32.3	4.5	64.5

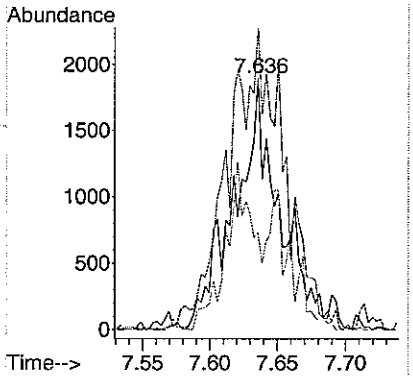


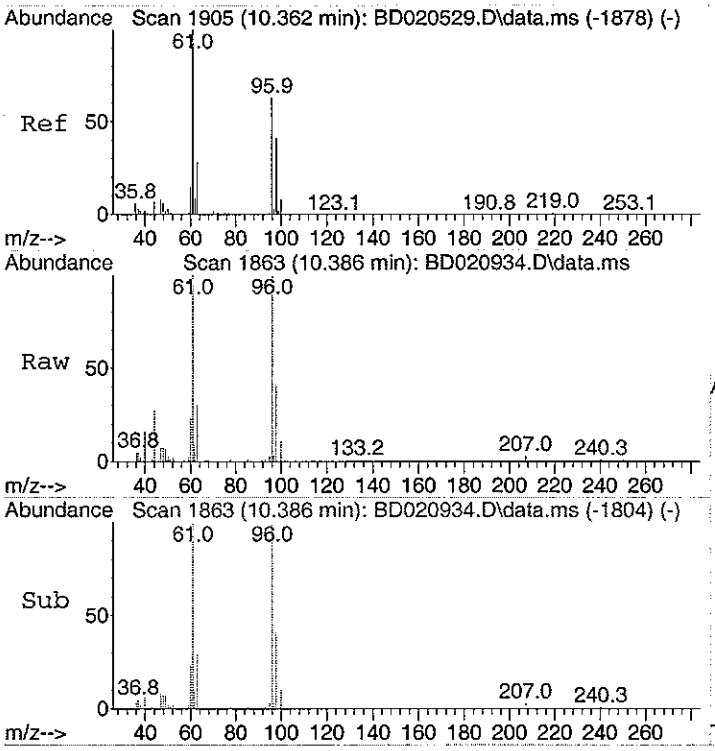


#14
1,1-dichloroethene
Concen: 0.18 ppb
RT: 7.636 min Scan# 949
Delta R.T. 0.051 min
Lab File: BD020934.D
Acq: 10 Feb 2008 11:13 am

Tgt Ion: 96 Resp: 4369

Ion	Ratio	Lower	Upper
96	100		
61	149.6	154.1	194.1#
98	68.9	45.2	85.2

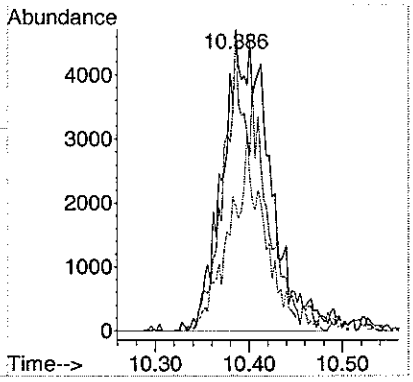


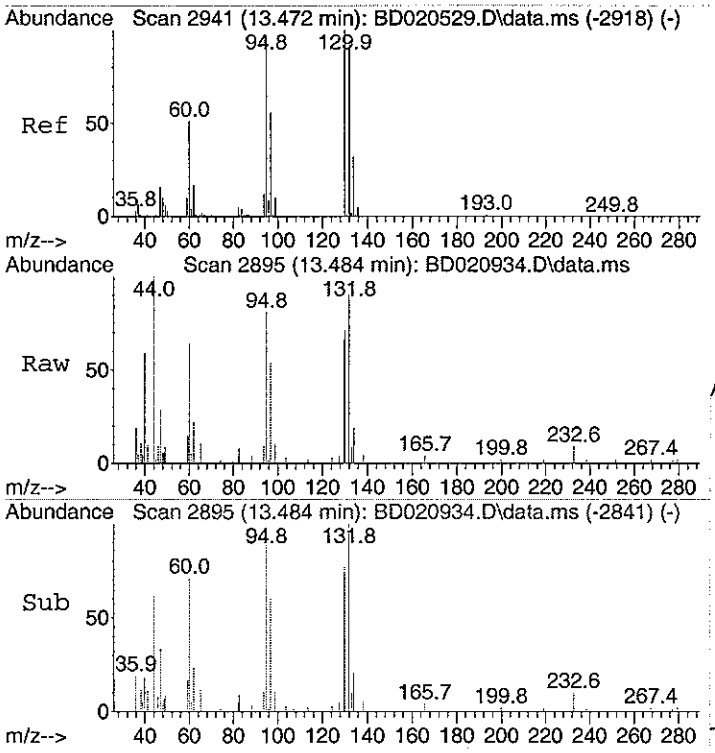


#24
cis-1,2-dichloroethene
Concen: 0.55 ppb
RT: 10.386 min Scan# 1863
Delta R.T. 0.027 min
Lab File: BD020934.D
Acq: 10 Feb 2008 11:13 am

Tgt Ion: 61 Resp: 16116

Ion	Ratio	Lower	Upper
61	100		
96	76.9	53.5	93.5
98	49.2	27.8	67.8

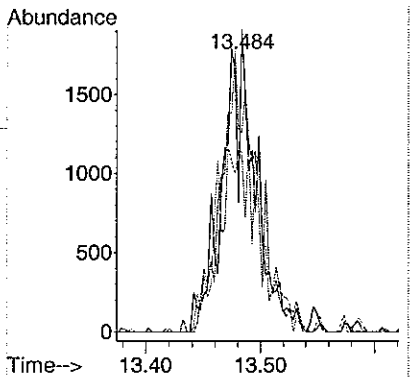




#38
Trichloroethene
Concen: 0.12 ppb m
RT: 13.484 min Scan# 2895
Delta R.T. 0.012 min
Lab File: BD020934.D
Acq: 10 Feb 2008 11:13 am

Tgt Ion:130 Resp: 3803

Ion	Ratio	Lower	Upper
130	100		
132	97.2	79.4	119.4
95	83.4	83.0	123.0



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020936.D
Acq On : 10 Feb 2008 12:19 pm
Operator :
Sample : C0802002-004A 10240X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 13 14:26:34 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

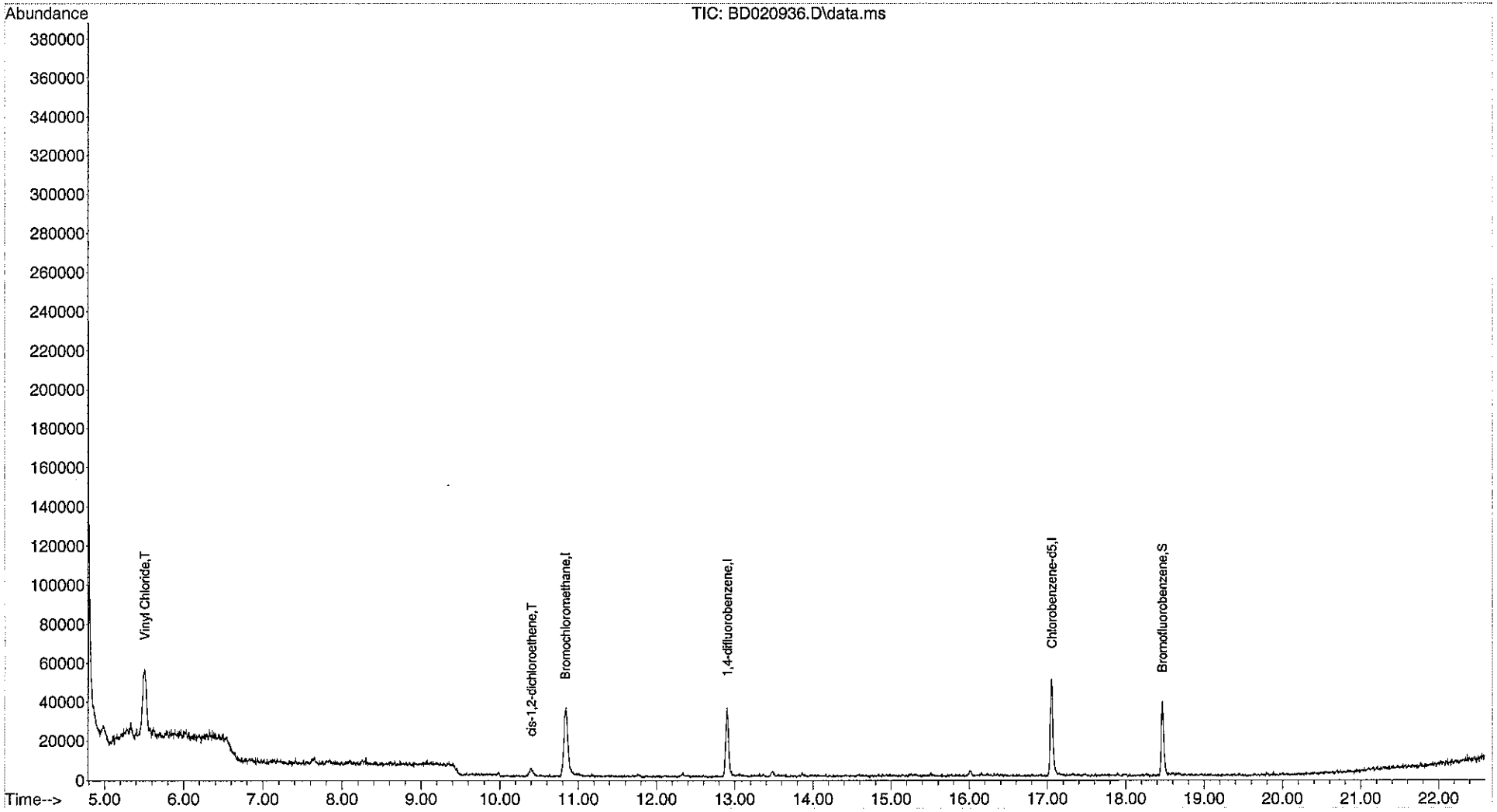
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.833	128	16245	1.00	ppb	# 0.02
30) 1,4-difluorobenzene	12.901	114	35012	1.00	ppb	0.02
44) Chlorobenzene-d5	17.053	117	36271	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.464	95	14429	0.78	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 78.00%			
Target Compounds						Qvalue
6) Vinyl Chloride	5.507	62	59299	1.90	ppb	99
24) cis-1,2-dichloroethene	10.398	61	3365	0.13	ppb #	79

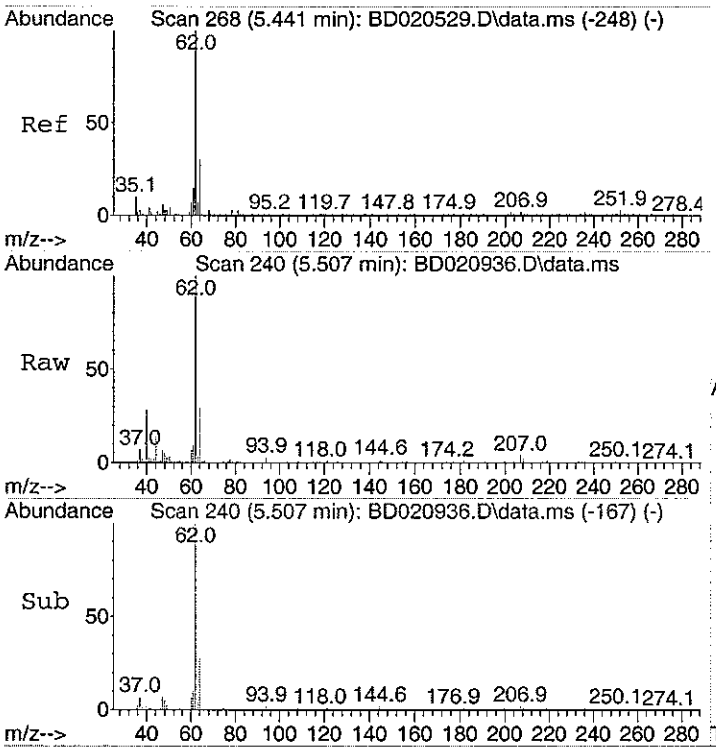
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020936.D
Acq On : 10 Feb 2008 12:19 pm
Operator :
Sample : C0802002-004A 10240X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 13 14:26:34 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

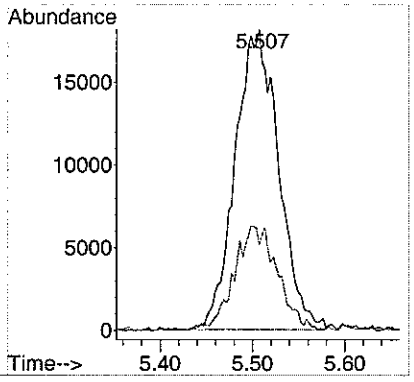


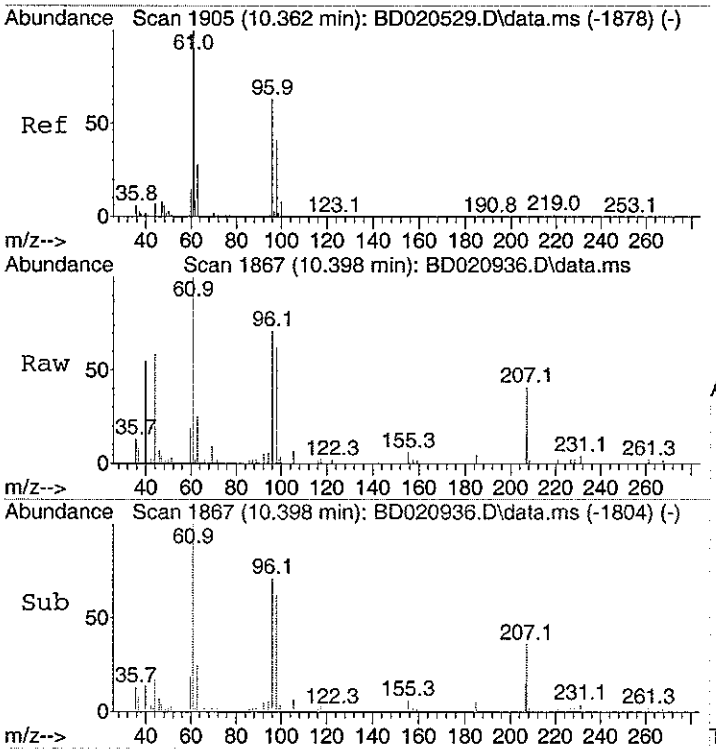


#6
Vinyl Chloride
Concen: 1.90 ppb
RT: 5.507 min Scan# 240
Delta R.T. 0.069 min
Lab File: BD020936.D
Acq: 10 Feb 2008 12:19 pm

Tgt Ion: 62 Resp: 59299

Ion	Ratio	Lower	Upper
62	100		
64	33.9	4.5	64.5

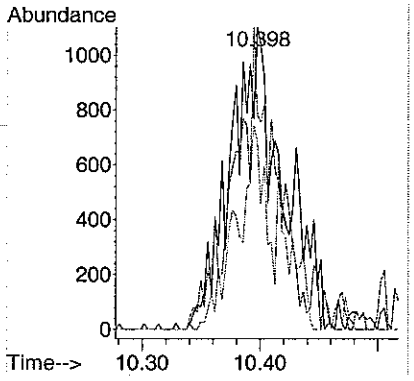




#24
cis-1,2-dichloroethene
Concen: 0.13 ppb
RT: 10.398 min Scan# 1867
Delta R.T. 0.039 min
Lab File: BD020936.D
Acq: 10 Feb 2008 12:19 pm

Tgt Ion: 61 Resp: 3365

Ion	Ratio	Lower	Upper
61	100		
96	68.8	53.5	93.5
98	16.9	27.8	67.8#



CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVI
Lab Order:	C0802002	**Tag Number:**	463, 79
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-4			"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2,4-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
2,2,4-trimethylpentane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Acetone	5.40	3.00		ppbV	10	2/10/2008 1:48:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Benzene	0.200	0.150		ppbV	1	2/10/2008 1:15:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Bromoform	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Bromomethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Carbon disulfide	0.340	0.150		ppbV	1	2/10/2008 1:15:00 AM
Carbon tetrachloride	ND	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Chlorobenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Chloroethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Chloroform	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Chloromethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
cis-1,2-Dichloroethene	0.360	0.150		ppbV	1	2/10/2008 1:15:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Cyclohexane	0.490	0.150		ppbV	1	2/10/2008 1:15:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Ethyl acetate	1.71	0.250		ppbV	1	2/10/2008 1:15:00 AM
Ethylbenzene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVI
Lab Order:	C0802002	**Tag Number:**	463, 79
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.120	0.150	J	ppbV	1	2/10/2008 1:15:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Freon 12	0.200	0.150		ppbV	1	2/10/2008 1:15:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Hexane	0.230	0.150		ppbV	1	2/10/2008 1:15:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
m&p-Xylene	0.100	0.300	J	ppbV	1	2/10/2008 1:15:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
Methyl Ethyl Ketone	0.210	0.300	J	ppbV	1	2/10/2008 1:15:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Methylene chloride	0.110	0.150	J	ppbV	1	2/10/2008 1:15:00 AM
o-Xylene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Styrene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Tetrachloroethylene	2.20	1.50		ppbV	10	2/10/2008 1:48:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Toluene	0.640	0.150		ppbV	1	2/10/2008 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Trichloroethene	0.500	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Surr: Bromofluorobenzene	81.0	70-130		%REC	1	2/10/2008 1:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVI
Lab Order:	C0802002	**Tag Number:**	463, 79
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 1:15:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 1:15:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 1:15:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 1:15:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 1:15:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 1:15:00 AM
1,2,4-Trimethylbenzene	ND	0.749		ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 1:15:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 1:15:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 1:15:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 1:15:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 1:15:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 1:15:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 1:15:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 1:15:00 AM
Acetone	13.0	7.24		ug/m3	10	2/10/2008 1:48:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 1:15:00 AM
Benzene	0.649	0.487		ug/m3	1	2/10/2008 1:15:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 1:15:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 1:15:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 1:15:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 1:15:00 AM
Carbon disulfide	1.08	0.475		ug/m3	1	2/10/2008 1:15:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 1:15:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 1:15:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 1:15:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 1:15:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 1:15:00 AM
cis-1,2-Dichloroethene	1.45	0.604		ug/m3	1	2/10/2008 1:15:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 1:15:00 AM
Cyclohexane	1.71	0.525		ug/m3	1	2/10/2008 1:15:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 1:15:00 AM
Ethyl acetate	6.26	0.916		ug/m3	1	2/10/2008 1:15:00 AM
Ethylbenzene	ND	0.662		ug/m3	1	2/10/2008 1:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVI
Lab Order:	C0802002	**Tag Number:**	463, 79
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.685	0.857	J	ug/m3	1	2/10/2008 1:15:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 1:15:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 1:15:00 AM
Freon 12	1.01	0.754		ug/m3	1	2/10/2008 1:15:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 1:15:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 1:15:00 AM
Hexane	0.824	0.537		ug/m3	1	2/10/2008 1:15:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 1:15:00 AM
m&p-Xylene	0.441	1.32	J	ug/m3	1	2/10/2008 1:15:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 1:15:00 AM
Methyl Ethyl Ketone	0.630	0.899	J	ug/m3	1	2/10/2008 1:15:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 1:15:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 1:15:00 AM
Methylene chloride	0.388	0.530	J	ug/m3	1	2/10/2008 1:15:00 AM
o-Xylene	ND	0.662		ug/m3	1	2/10/2008 1:15:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 1:15:00 AM
Styrene	ND	0.649		ug/m3	1	2/10/2008 1:15:00 AM
Tetrachloroethylene	15.2	10.3		ug/m3	10	2/10/2008 1:48:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 1:15:00 AM
Toluene	2.45	0.575		ug/m3	1	2/10/2008 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 1:15:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 1:15:00 AM
Trichloroethene	2.73	0.218		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 1:15:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020916.D
Acq On : 10 Feb 2008 1:15 am
Operator :
Sample : C0802002-005A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 10:33:22 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

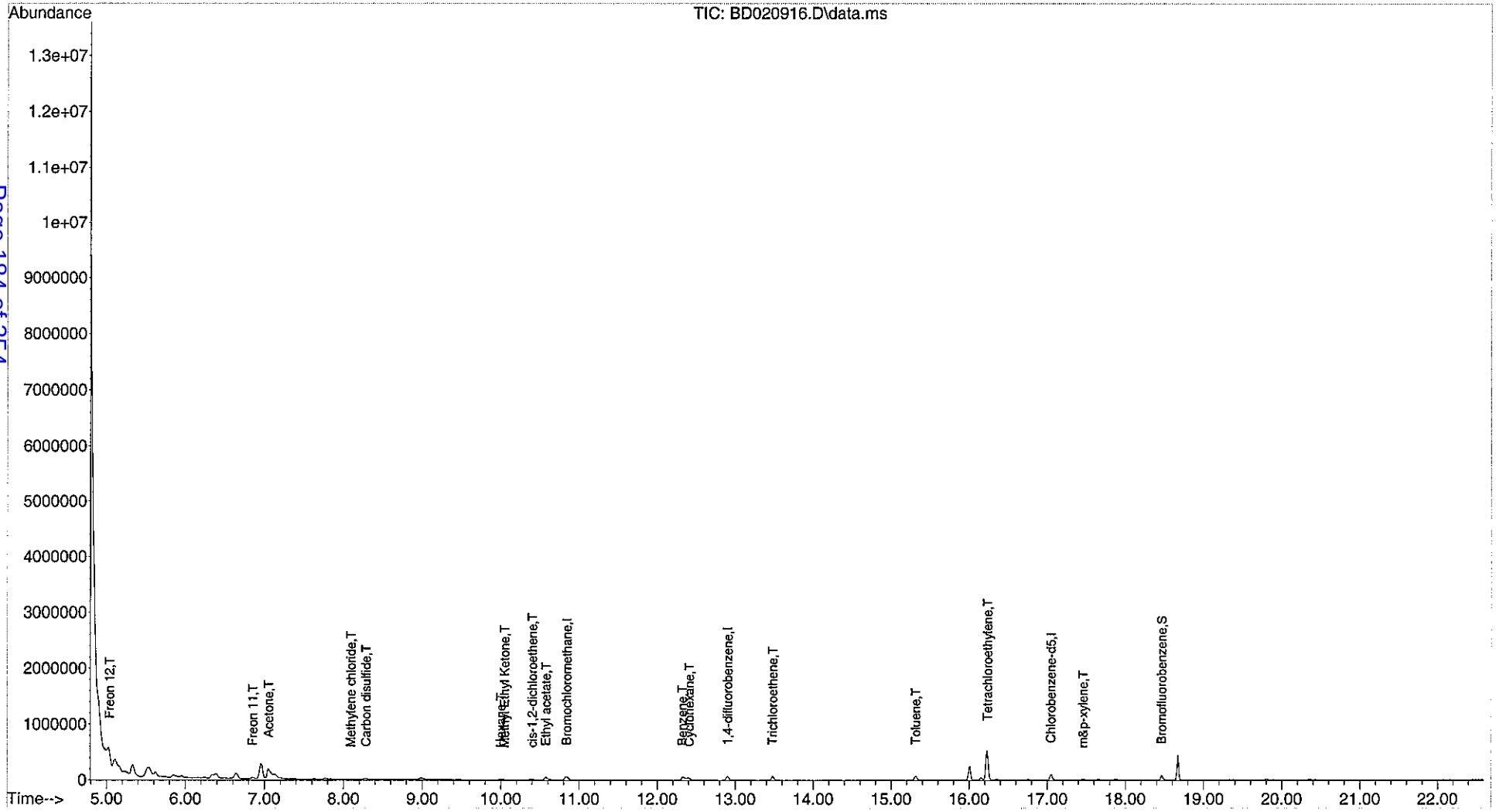
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.839	128	26594	1.00	ppb	#	0.02
30) 1,4-difluorobenzene	12.901	114	68914	1.00	ppb		0.02
44) Chlorobenzene-d5	17.047	117	72977	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	30070	0.81	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 81.00%				
Target Compounds							Qvalue
3) Freon 12	5.036	85	48893	0.20	ppb		99
11) Freon 11	6.849	101	28405	0.12	ppb		96
12) Acetone	7.050	58	100483	4.67	ppb		89
16) Methylene chloride	8.092	84	5236m	0.11	ppb		
18) Carbon disulfide	8.281	76	49647	0.34	ppb		98
23) Methyl Ethyl Ketone	10.046	43	17259	0.21	ppb		87
24) cis-1,2-dichloroethene	10.397	61	15286	0.36	ppb		93
25) Hexane	9.998	41	9426	0.23	ppb	#	72
26) Ethyl acetate	10.572	43	97634	1.71	ppb		96
32) Cyclohexane	12.406	56	19915m	0.49	ppb		
34) Benzene	12.319	78	21231	0.20	ppb		95
38) Trichloroethene	13.474	130	27383	0.50	ppb		97
45) Toluene	15.312	92	40127	0.64	ppb		100
50) Tetrachloroethylene	16.233	164	139514	2.47	ppb		99
53) m&p-xylene	17.458	91	11130m	0.10	ppb		

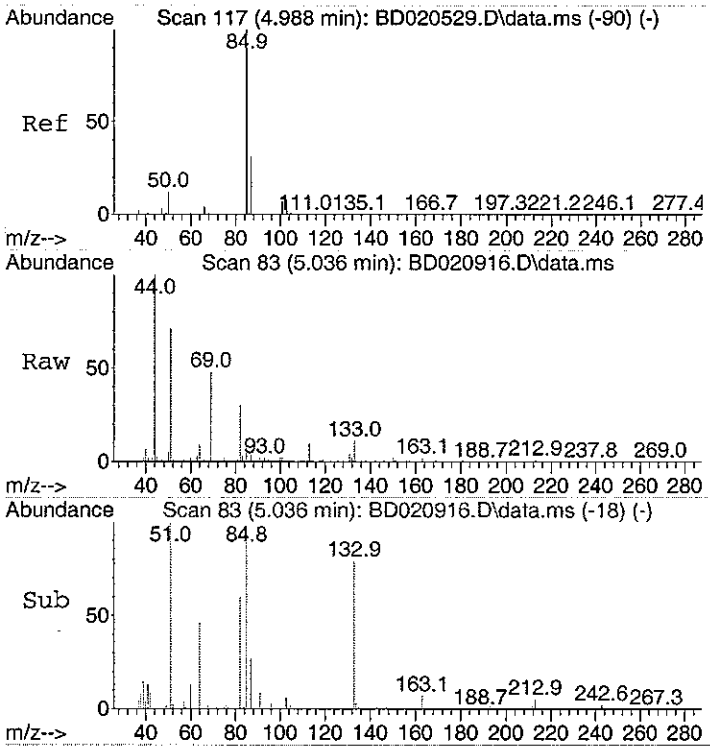
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020916.D
Acq On : 10 Feb 2008 1:15 am
Operator :
Sample : C0802002-005A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 10:33:22 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

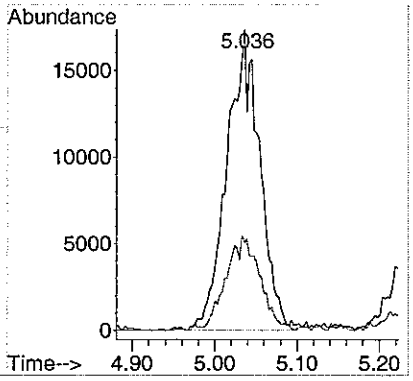


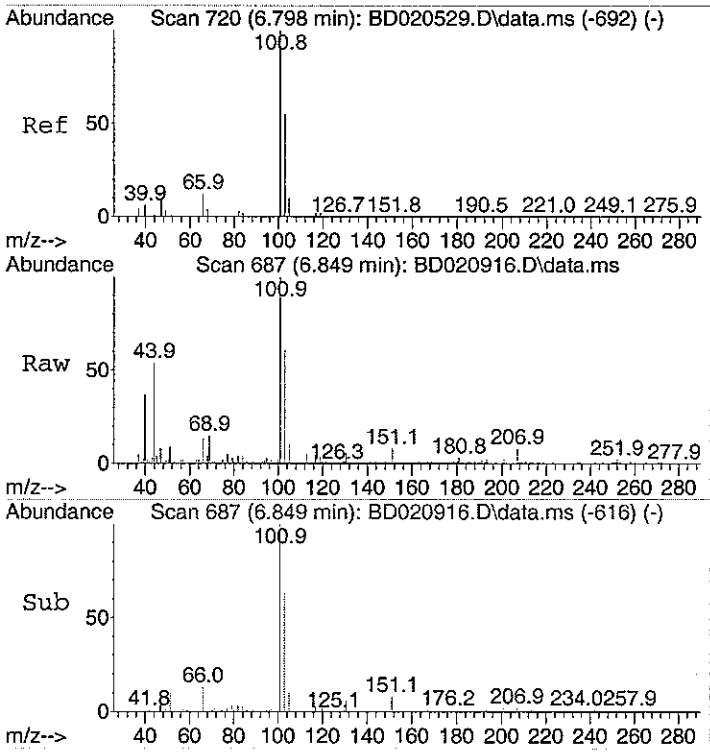


#3
Freon 12
Concen: 0.20 ppb
RT: 5.036 min Scan# 83
Delta R.T. 0.045 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 85 Resp: 48893

Ion	Ratio	Lower	Upper
85	100		
87	31.9	12.5	52.5

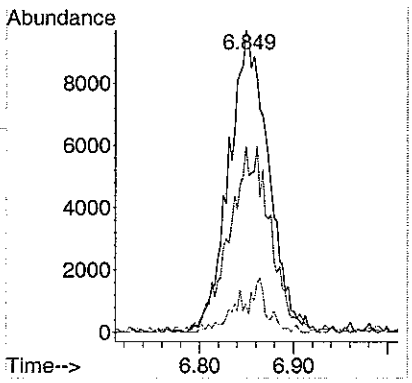


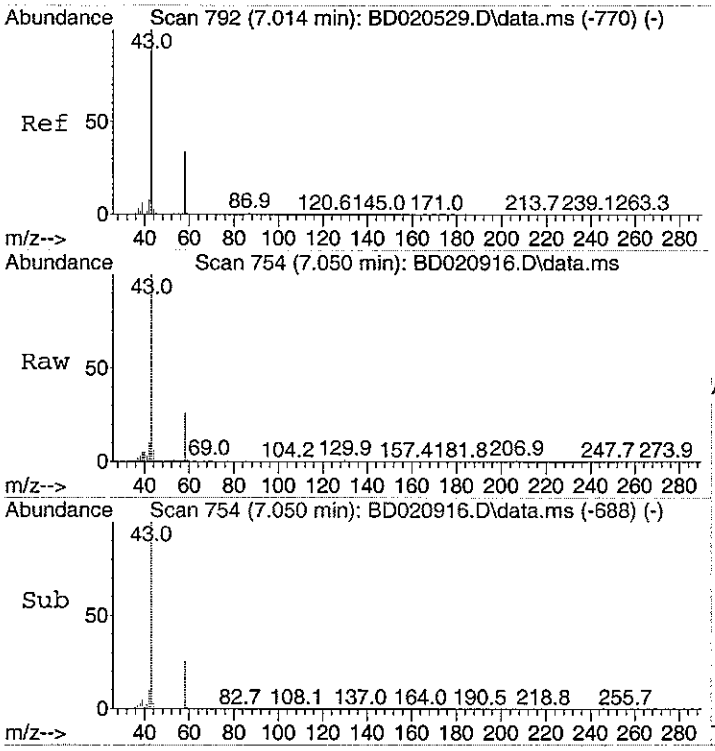


#11
Freon 11
Concen: 0.12 ppb
RT: 6.849 min Scan# 687
Delta R.T. 0.063 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion:101 Resp: 28405

Ion	Ratio	Lower	Upper
101	100		
103	64.1	45.3	85.3
105	3.1	0.0	30.8

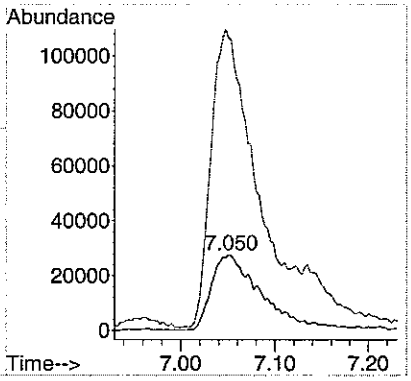


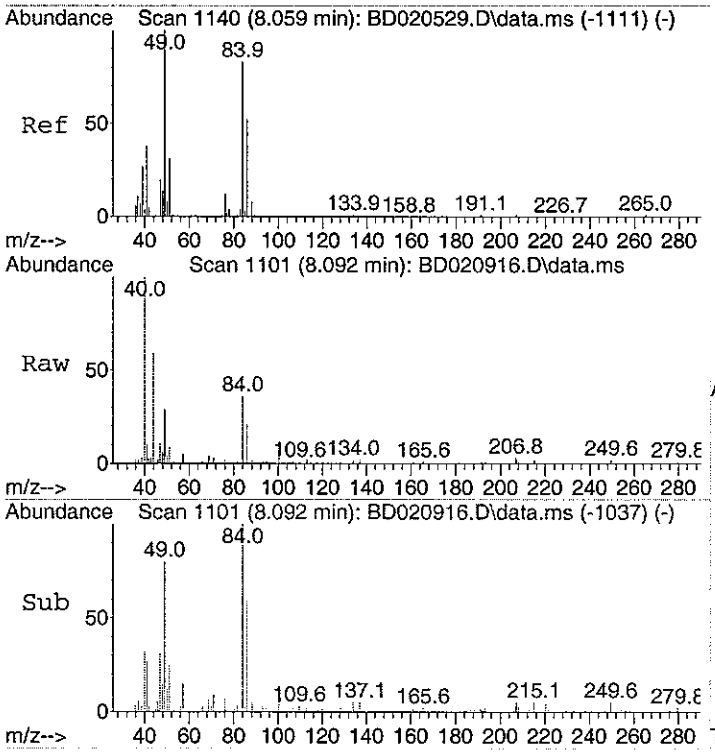


#12
Acetone
Concen: 4.67 ppb
RT: 7.050 min Scan# 754
Delta R.T. 0.048 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 58 Resp: 100483

Ion	Ratio	Lower	Upper
58	100		
43	388.8	385.5	445.5

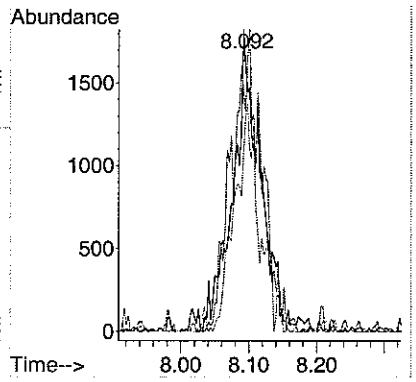


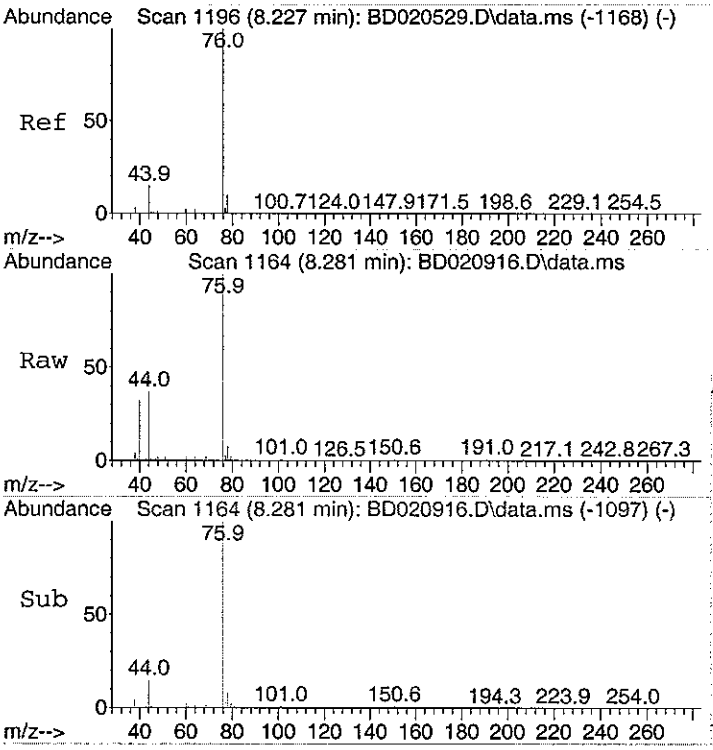


#16
Methylene chloride
Concen: 0.11 ppb m
RT: 8.092 min Scan# 1101
Delta R.T. 0.042 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 84 Resp: 5236

Ion	Ratio	Lower	Upper
84	100		
49	105.6	123.8	163.8#
86	64.5	45.6	85.6

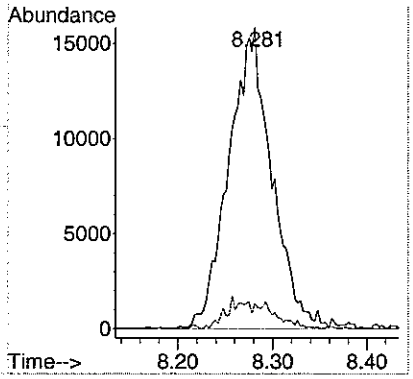


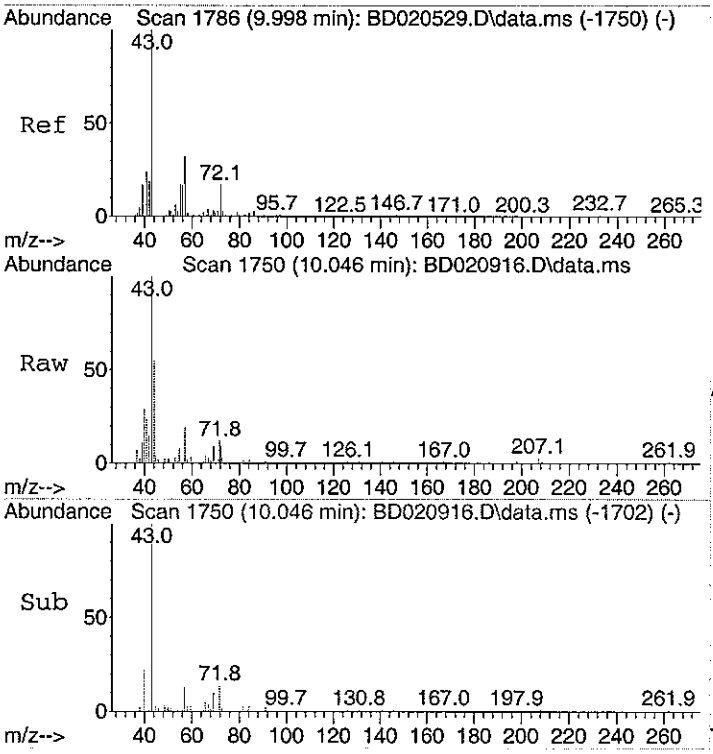


#18
Carbon disulfide
Concen: 0.34 ppb
RT: 8.281 min Scan# 1164
Delta R.T. 0.051 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 76 Resp: 49647

Ion	Ratio	Lower	Upper
76	100		
78	10.0	0.0	29.2

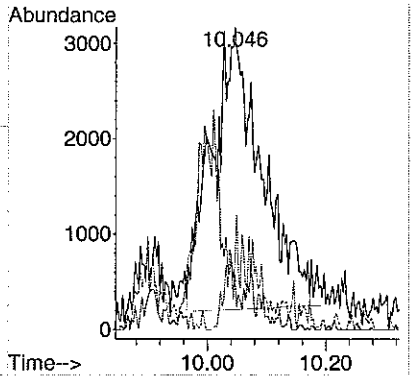


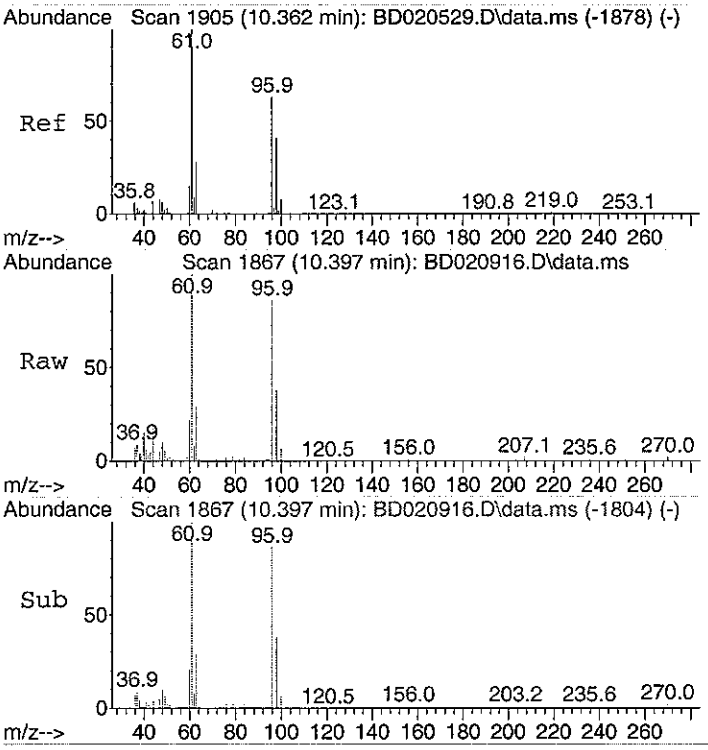


#23
Methyl Ethyl Ketone
Concen: 0.21 ppb
RT: 10.046 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 43 Resp: 17259

Ion	Ratio	Lower	Upper
43	100		
57	37.4	25.2	65.2
72	20.4	0.0	32.9

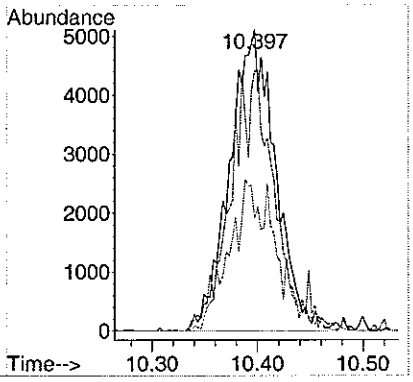


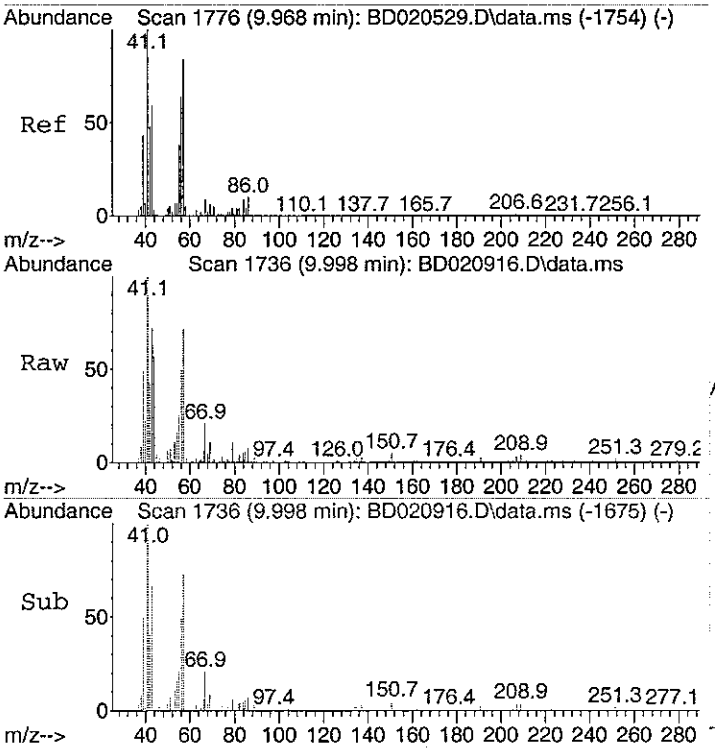


#24
cis-1,2-dichloroethene
Concen: 0.36 ppb
RT: 10.397 min Scan# 1867
Delta R.T. 0.039 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 61 Resp: 15286

Ion	Ratio	Lower	Upper
61	100		
96	80.8	53.5	93.5
98	50.9	27.8	67.8

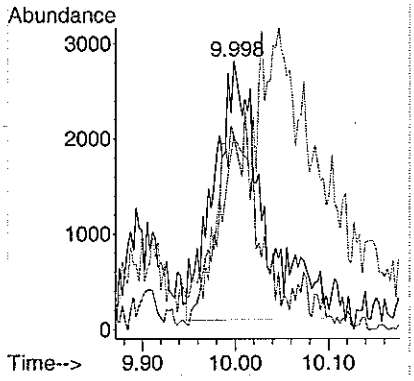


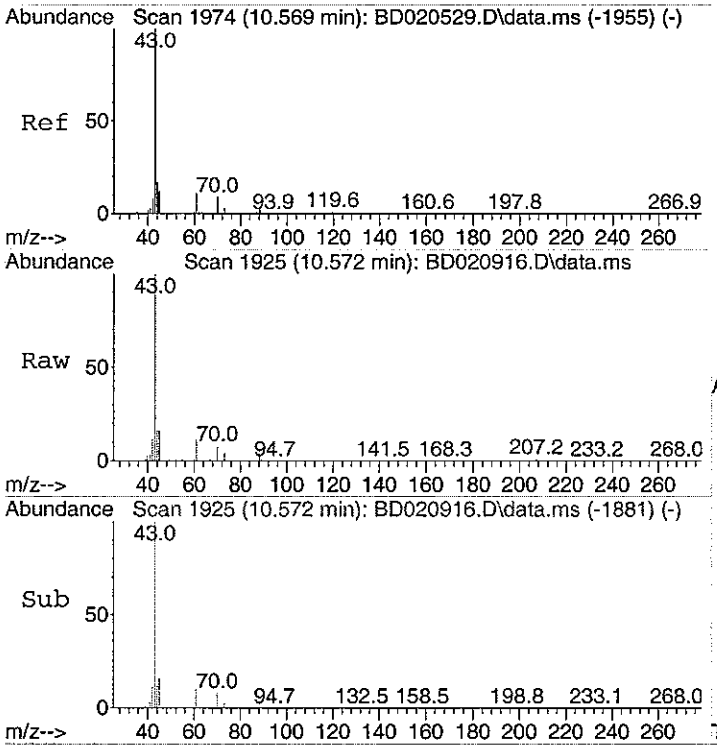


#25
Hexane
Concen: 0.23 ppb
RT: 9.998 min Scan# 1736
Delta R.T. 0.033 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 41 Resp: 9426

Ion	Ratio	Lower	Upper
41	100		
57	69.9	72.3	112.3#
43	133.6	157.2	197.2#

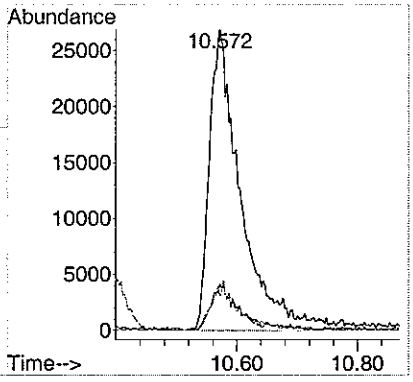


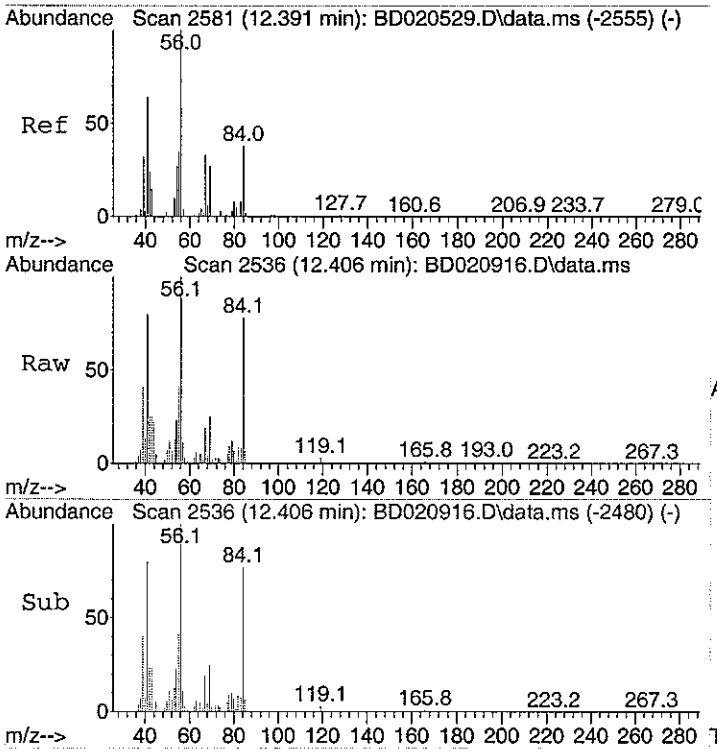


#26
Ethyl acetate
Concen: 1.71 ppb
RT: 10.572 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 43 Resp: 97634

Ion	Ratio	Lower	Upper
43	100		
45	11.9	0.0	33.7
61	14.0	0.0	32.5

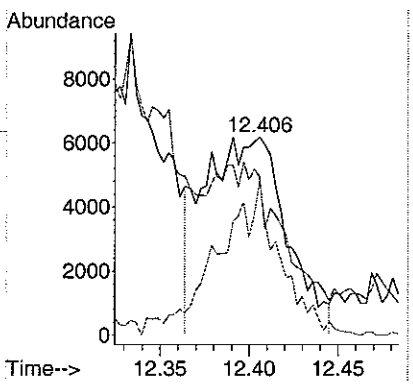


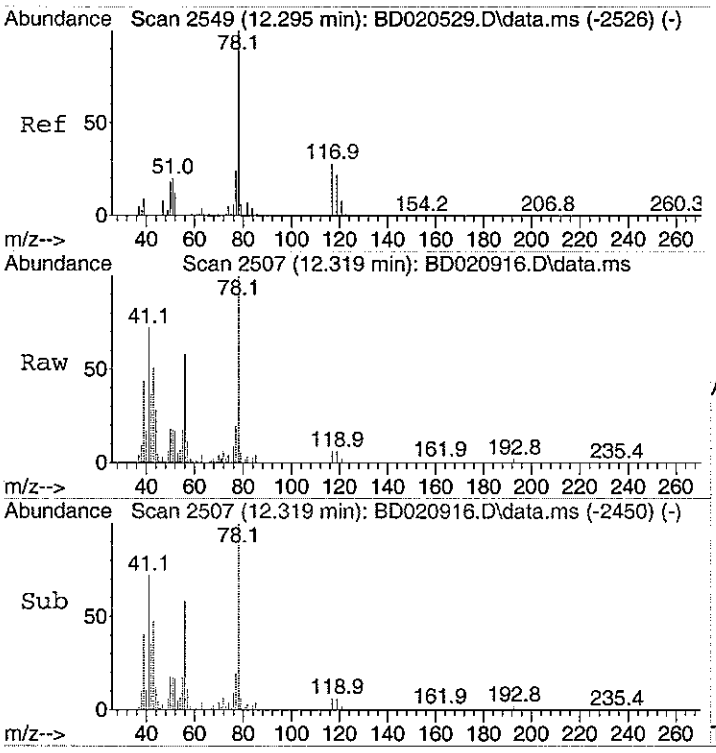


#32
Cyclohexane
Concen: 0.49 ppb m
RT: 12.406 min Scan# 2536
Delta R.T. 0.018 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 56 Resp: 19915

Ion	Ratio	Lower	Upper
56	100		
41	228.3	57.7	97.7#
84	2.9	58.0	98.0#

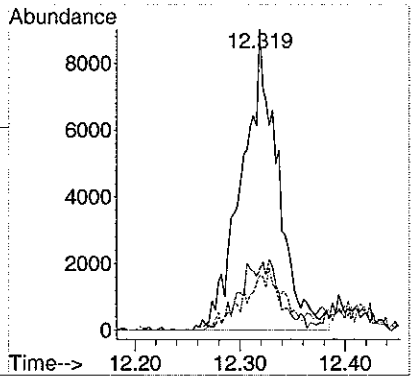


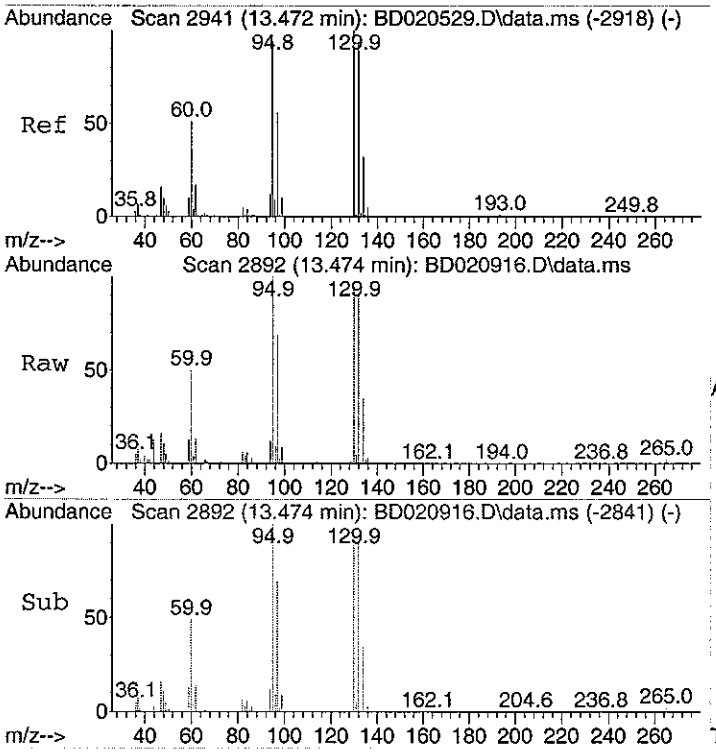


#34
Benzene
Concen: 0.20 ppb
RT: 12.319 min Scan# 2507
Delta R.T. 0.021 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 78 Resp: 21231

Ion	Ratio	Lower	Upper
78	100		
77	26.3	5.2	45.2
51	22.8	0.0	39.3

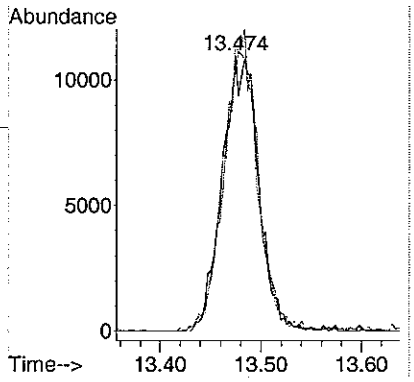


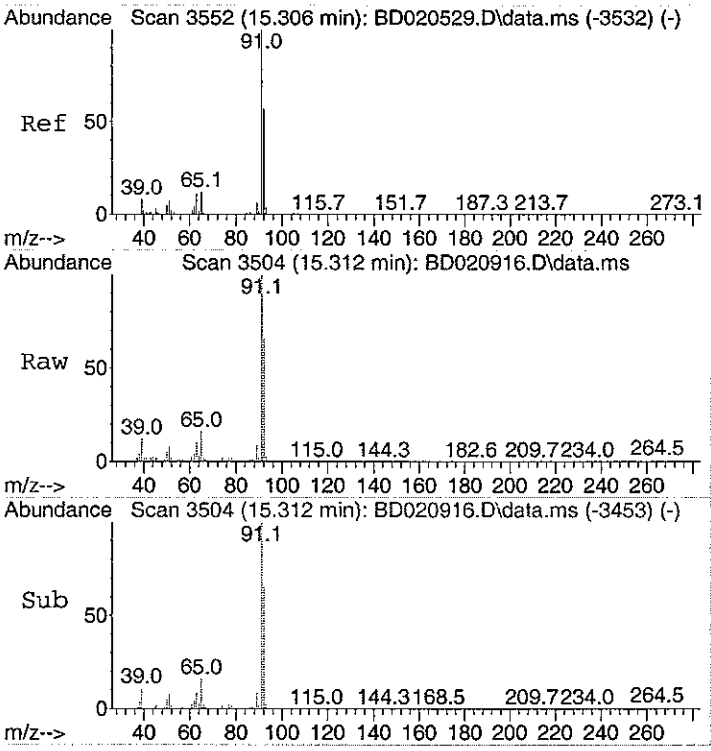


#38
Trichloroethene
Concen: 0.50 ppb
RT: 13.474 min Scan# 2892
Delta R.T. 0.003 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion:130 Resp: 27383

Ion	Ratio	Lower	Upper
130	100		
132	101.1	79.4	119.4
95	98.2	83.0	123.0

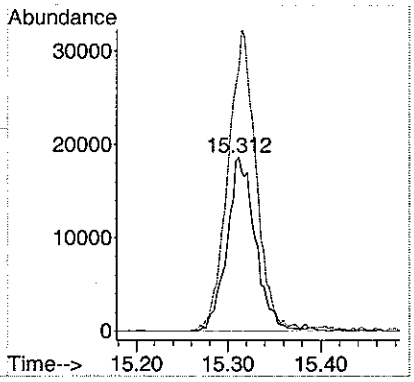


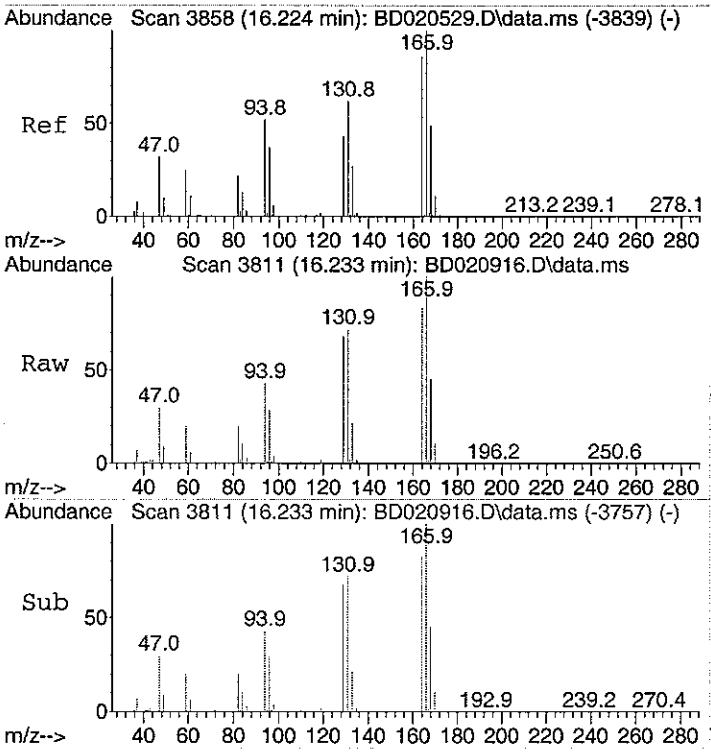


#45
Toluene
Concen: 0.64 ppb
RT: 15.312 min Scan# 3504
Delta R.T. 0.003 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 92 Resp: 40127

Ion	Ratio	Lower	Upper
92	100		
91	172.5	153.2	193.2

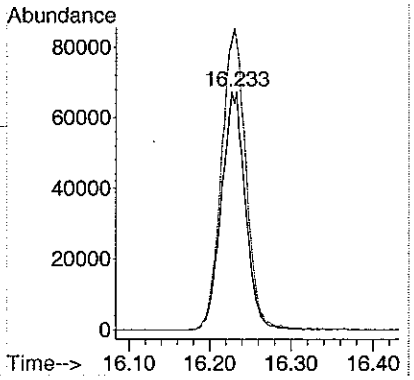


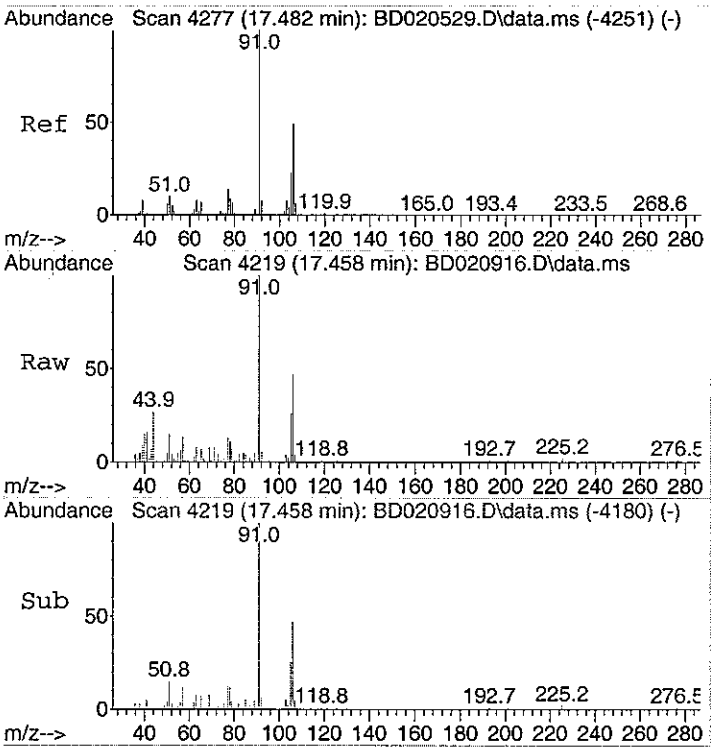


#50
Tetrachloroethylene
Concen: 2.47 ppb
RT: 16.233 min Scan# 3811
Delta R.T. 0.012 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion:164 Resp: 139514

Ion	Ratio	Lower	Upper
164	100		
166	128.5	107.9	147.9

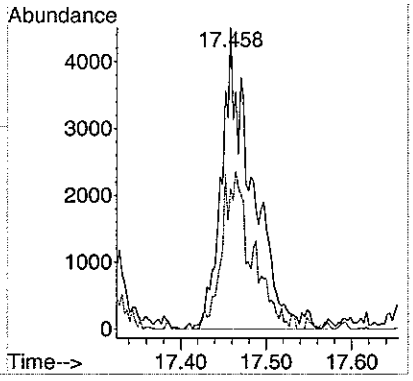




#53
m&p-xylene
Concen: 0.10 ppb m
RT: 17.458 min Scan# 4219
Delta R.T. -0.033 min
Lab File: BD020916.D
Acq: 10 Feb 2008 1:15 am

Tgt Ion: 91 Resp: 11130

Ion	Ratio	Lower	Upper
91	100		
106	0.0	30.4	70.4#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020917.D
Acq On : 10 Feb 2008 1:48 am
Operator :
Sample : C0802002-005A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 12:25:04 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

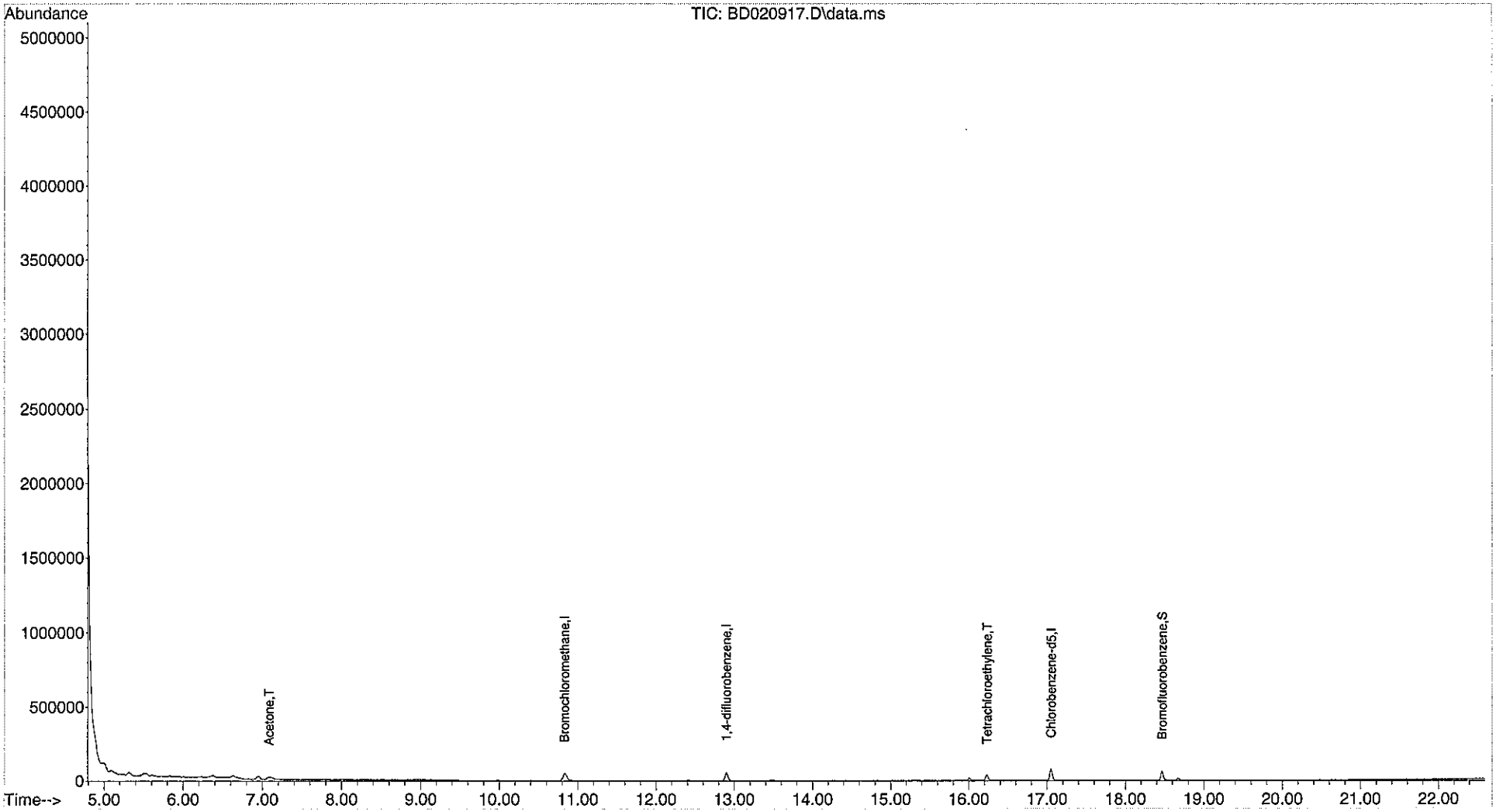
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.827	128	23961	1.00	ppb	# 0.01
30) 1,4-difluorobenzene	12.895	114	54070	1.00	ppb	0.00
44) Chlorobenzene-d5	17.050	117	57052	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.467	95	21467	0.74	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 74.00%			
Target Compounds						Qvalue
12) Acetone	7.080	58	10501m	0.54	ppb	
50) Tetrachloroethylene	16.230	164	9610	0.22	ppb	99

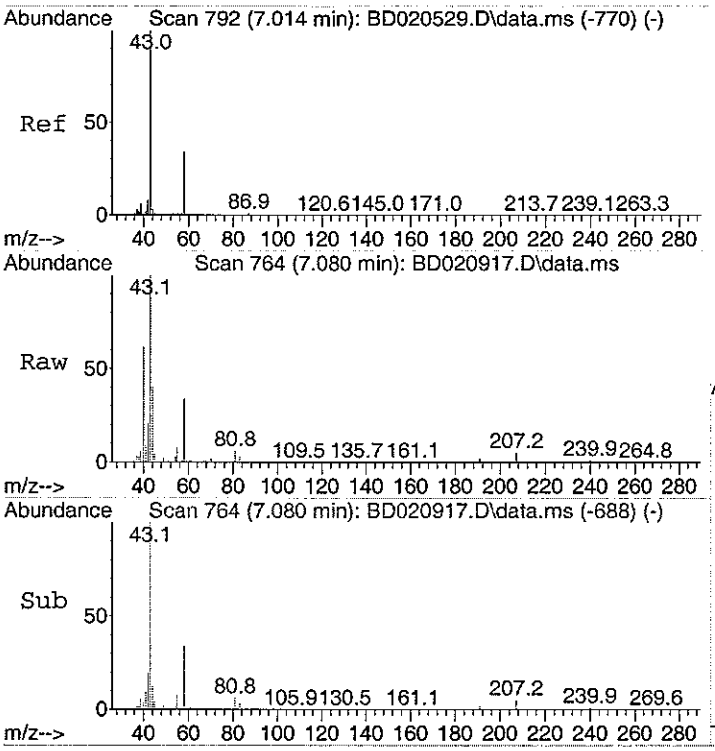
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020917.D
Acq On : 10 Feb 2008 1:48 am
Operator :
Sample : C0802002-005A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 12:25:04 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

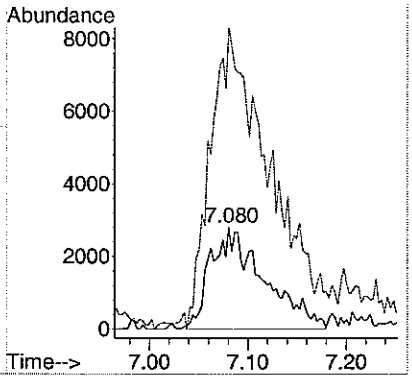


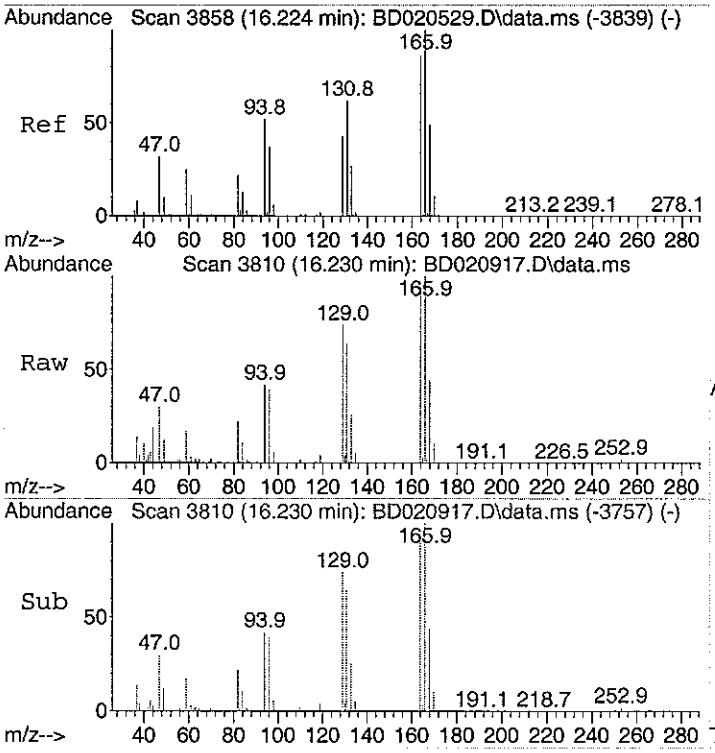


#12
Acetone
Concen: 0.54 ppb m
RT: 7.080 min Scan# 764
Delta R.T. 0.078 min
Lab File: BD020917.D
Acq: 10 Feb 2008 1:48 am

Tgt Ion: 58 Resp: 10501

Ion	Ratio	Lower	Upper
58	100		
43	301.9	385.5	445.5#

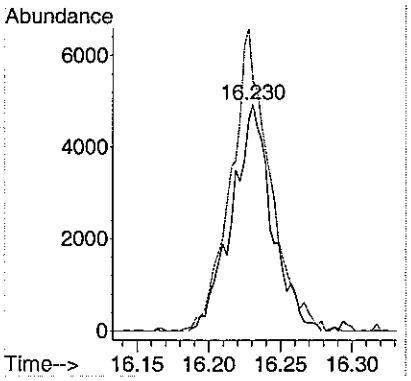




#50
Tetrachloroethylene
Concen: 0.22 ppb
RT: 16.230 min Scan# 3810
Delta R.T. 0.009 min
Lab File: BD020917.D
Acq: 10 Feb 2008 1:48 am

Tgt Ion:164 Resp: 9610

Ion	Ratio	Lower	Upper
164	100		
166	128.8	107.9	147.9



CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVIOD
Lab Order:	C0802002	**Tag Number:**	415, 400
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-2			"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2,4-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/10/2008 2:55:00 AM
2,2,4-trimethylpentane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Acetone	5.20	3.00		ppbV	10	2/10/2008 3:27:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Benzene	0.240	0.150		ppbV	1	2/10/2008 2:55:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Bromoform	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Bromomethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Carbon disulfide	0.600	0.150		ppbV	1	2/10/2008 2:55:00 AM
Carbon tetrachloride	ND	0.0400		ppbV	1	2/10/2008 2:55:00 AM
Chlorobenzene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Chloroethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Chloroform	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Chloromethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
cis-1,2-Dichloroethene	0.190	0.150		ppbV	1	2/10/2008 2:55:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Cyclohexane	0.620	0.150		ppbV	1	2/10/2008 2:55:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Ethyl acetate	0.710	0.250		ppbV	1	2/10/2008 2:55:00 AM
Ethylbenzene	0.210	0.150		ppbV	1	2/10/2008 2:55:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVIOD
Lab Order:	C0802002	**Tag Number:**	415, 400
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.210	0.150		ppbV	1	2/10/2008 2:55:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Freon 12	0.230	0.150		ppbV	1	2/10/2008 2:55:00 AM
Heptane	0.110	0.150	J	ppbV	1	2/10/2008 2:55:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Hexane	0.520	0.150		ppbV	1	2/10/2008 2:55:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
m&p-Xylene	0.520	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl Ethyl Ketone	0.840	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Methylene chloride	0.200	0.150		ppbV	1	2/10/2008 2:55:00 AM
o-Xylene	0.170	0.150		ppbV	1	2/10/2008 2:55:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Styrene	0.290	0.150		ppbV	1	2/10/2008 2:55:00 AM
Tetrachloroethylene	0.260	0.150		ppbV	1	2/10/2008 2:55:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Toluene	2.30	1.50		ppbV	10	2/10/2008 3:27:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Trichloroethene	0.130	0.0400		ppbV	1	2/10/2008 2:55:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 2:55:00 AM
Surr: Bromofluorobenzene	92.0	70-130		%REC	1	2/10/2008 2:55:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits	
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit	
	S	Spike Recovery outside accepted recovery limits			

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVIOD
Lab Order:	C0802002	**Tag Number:**	415, 400
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 2:55:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 2:55:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 2:55:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 2:55:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 2:55:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 2:55:00 AM
1,2,4-Trimethylbenzene	ND	0.749		ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 2:55:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 2:55:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 2:55:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 2:55:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 2:55:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 2:55:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 2:55:00 AM
Acetone	12.6	7.24		ug/m3	10	2/10/2008 3:27:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 2:55:00 AM
Benzene	0.779	0.487		ug/m3	1	2/10/2008 2:55:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 2:55:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 2:55:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 2:55:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 2:55:00 AM
Carbon disulfide	1.90	0.475		ug/m3	1	2/10/2008 2:55:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 2:55:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 2:55:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 2:55:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 2:55:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 2:55:00 AM
cis-1,2-Dichloroethene	0.766	0.604		ug/m3	1	2/10/2008 2:55:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 2:55:00 AM
Cyclohexane	2.17	0.525		ug/m3	1	2/10/2008 2:55:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 2:55:00 AM
Ethyl acetate	2.60	0.916		ug/m3	1	2/10/2008 2:55:00 AM
Ethylbenzene	0.927	0.662		ug/m3	1	2/10/2008 2:55:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP6-SVIOD
Lab Order:	C0802002	**Tag Number:**	415, 400
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	1.20	0.857		ug/m3	1	2/10/2008 2:55:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 2:55:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 2:55:00 AM
Freon 12	1.16	0.754		ug/m3	1	2/10/2008 2:55:00 AM
Heptane	0.458	0.625	J	ug/m3	1	2/10/2008 2:55:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 2:55:00 AM
Hexane	1.86	0.537		ug/m3	1	2/10/2008 2:55:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 2:55:00 AM
m&p-Xylene	2.30	1.32		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Ethyl Ketone	2.52	0.899		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 2:55:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 2:55:00 AM
Methylene chloride	0.706	0.530		ug/m3	1	2/10/2008 2:55:00 AM
o-Xylene	0.750	0.662		ug/m3	1	2/10/2008 2:55:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 2:55:00 AM
Styrene	1.26	0.649		ug/m3	1	2/10/2008 2:55:00 AM
Tetrachloroethylene	1.79	1.03		ug/m3	1	2/10/2008 2:55:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 2:55:00 AM
Toluene	8.81	5.75		ug/m3	10	2/10/2008 3:27:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 2:55:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 2:55:00 AM
Trichloroethene	0.710	0.218		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 2:55:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020919.D
Acq On : 10 Feb 2008 2:55 am
Operator :
Sample : C0802002-006A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 10:46:39 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

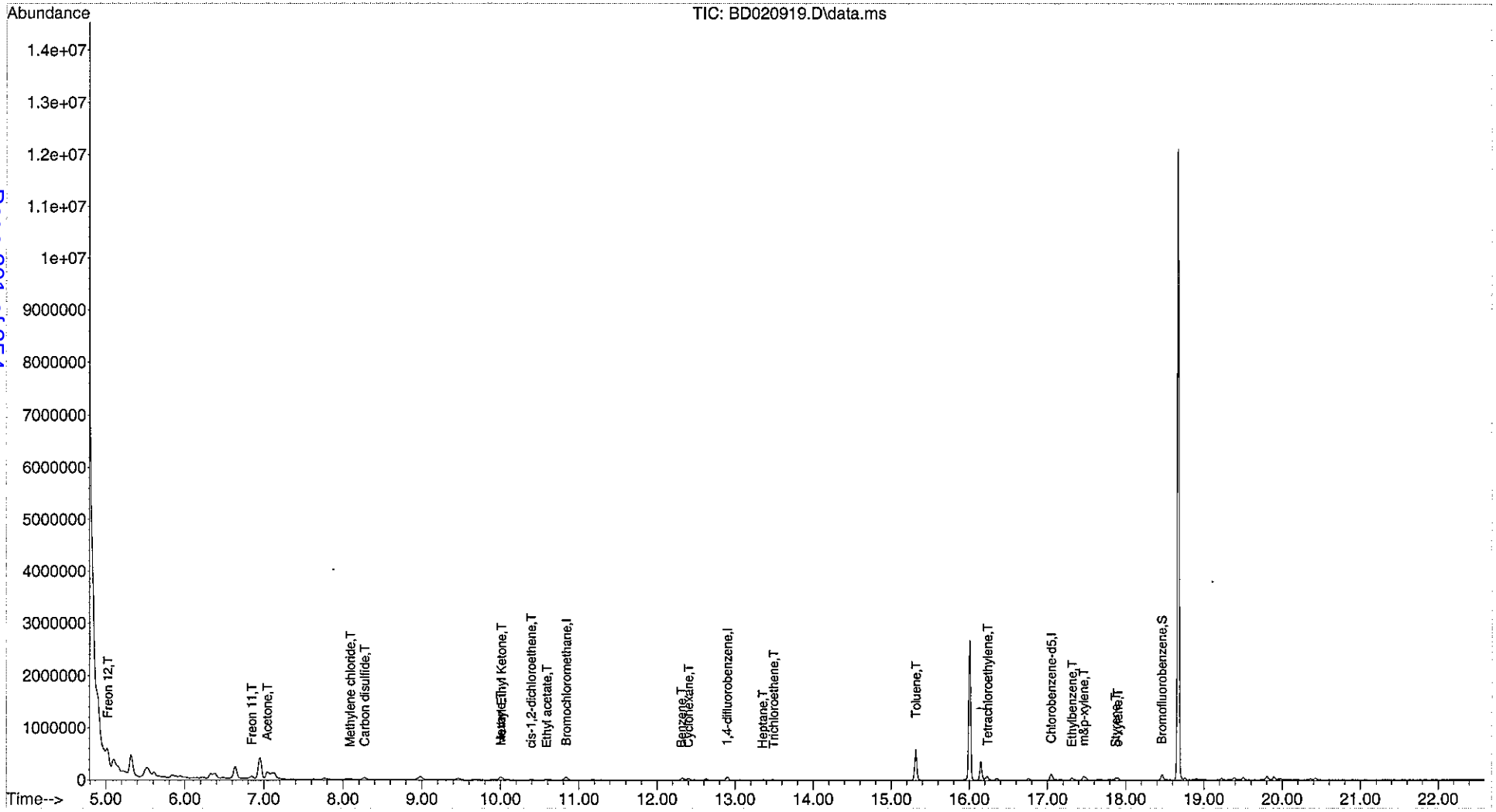
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.836	128	24494	1.00	ppb	#	0.02
30) 1,4-difluorobenzene	12.895	114	61373	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	75114	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.461	95	35234	0.92	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 92.00%				
Target Compounds							Qvalue
3) Freon 12	5.024	85	52560	0.23	ppb		100
11) Freon 11	6.843	101	45034	0.21	ppb		97
12) Acetone	7.038	58	83755	4.22	ppb		90
16) Methylene chloride	8.089	84	9384	0.20	ppb		88
18) Carbon disulfide	8.272	76	81006	0.60	ppb		100
23) Methyl Ethyl Ketone	10.007	43	62072	0.84	ppb		81
24) cis-1,2-dichloroethene	10.386	61	7313	0.19	ppb		86
25) Hexane	9.995	41	19605	0.52	ppb	#	40
26) Ethyl acetate	10.587	43	37193	0.71	ppb		95
32) Cyclohexane	12.397	56	22468	0.62	ppb	#	61
34) Benzene	12.307	78	22692	0.24	ppb		95
37) Heptane	13.349	43	4581	0.11	ppb	#	79
38) Trichloroethene	13.487	130	6360	0.13	ppb		100
45) Toluene	15.312	92	273987	4.26	ppb		98
50) Tetrachloroethylene	16.230	164	14893	0.26	ppb		99
52) Ethylbenzene	17.311	91	24800	0.21	ppb		99
53) m&p-xylene	17.461	91	58072	0.52	ppb		96
54) Styrene	17.866	104	18774	0.29	ppb		91
56) o-xylene	17.897	91	20708	0.17	ppb		98

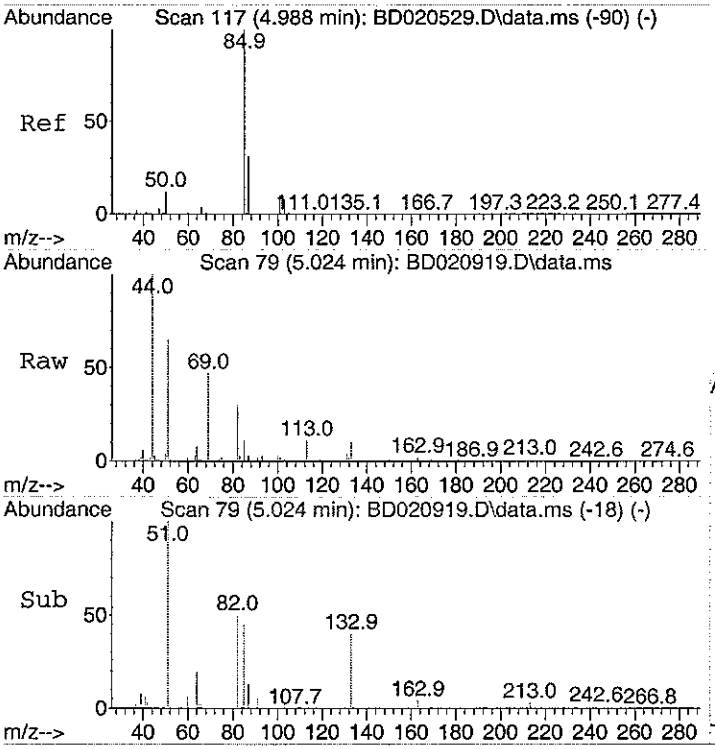
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020919.D
Acq On : 10 Feb 2008 2:55 am
Operator :
Sample : C0802002-006A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 10:46:39 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

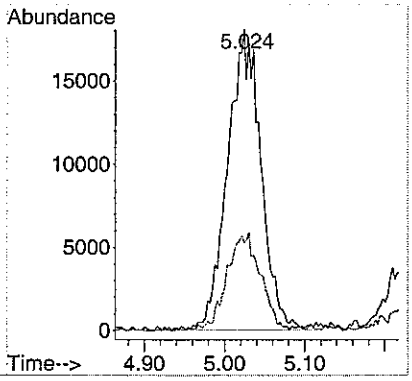


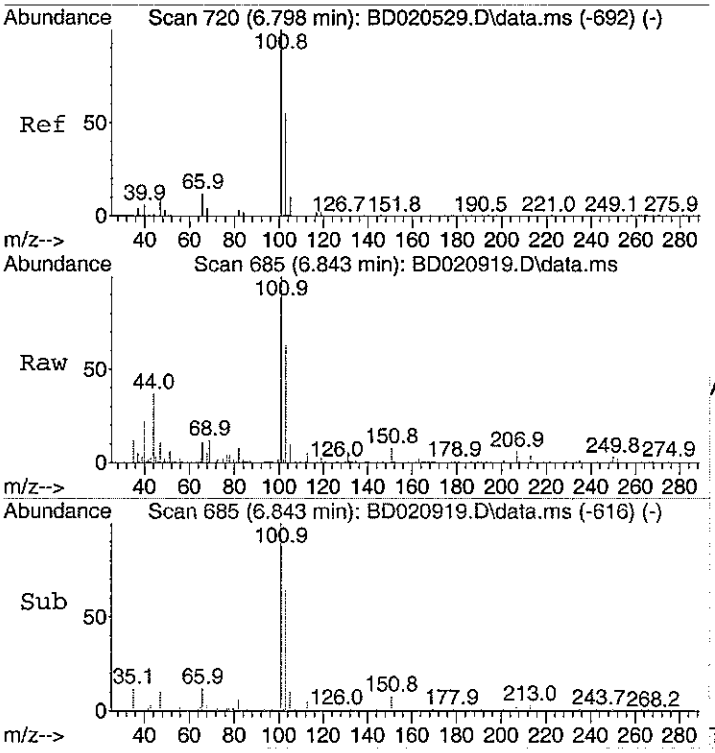


#3
Freon 12
Concen: 0.23 ppb
RT: 5.024 min Scan# 79
Delta R.T. 0.033 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 85 Resp: 52560

Ion	Ratio	Lower	Upper
85	100		
87	32.7	12.5	52.5

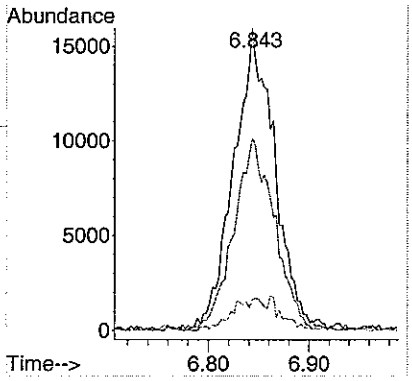


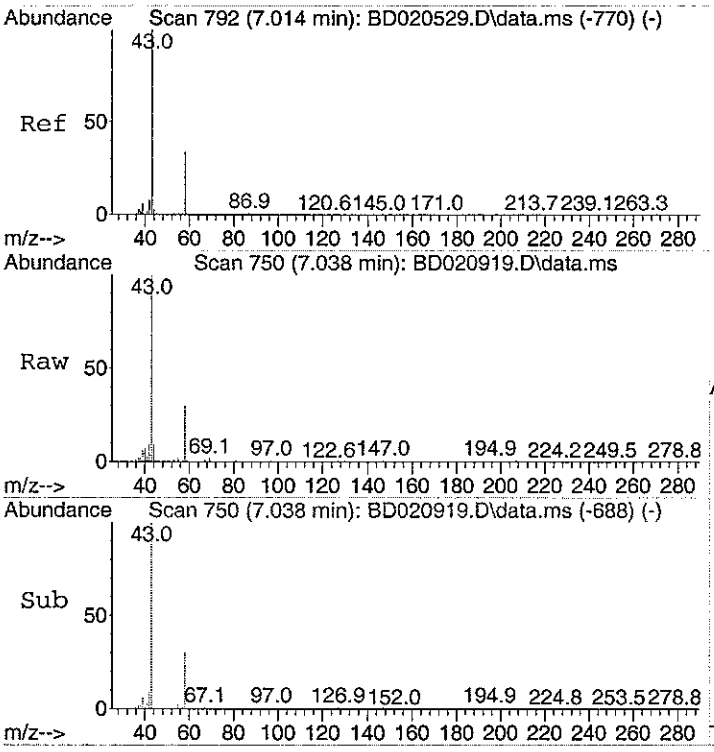


#11
Freon 11
Concen: 0.21 ppb
RT: 6.843 min Scan# 685
Delta R.T. 0.057 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion:101 Resp: 45034

Ion	Ratio	Lower	Upper
101	100		
103	63.4	45.3	85.3
105	12.2	0.0	30.8

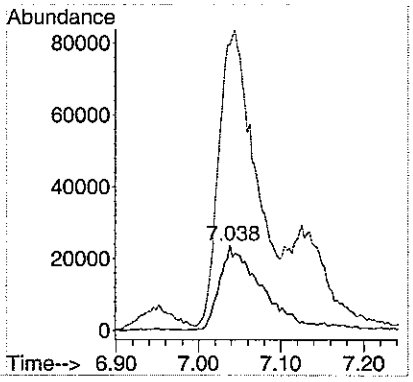


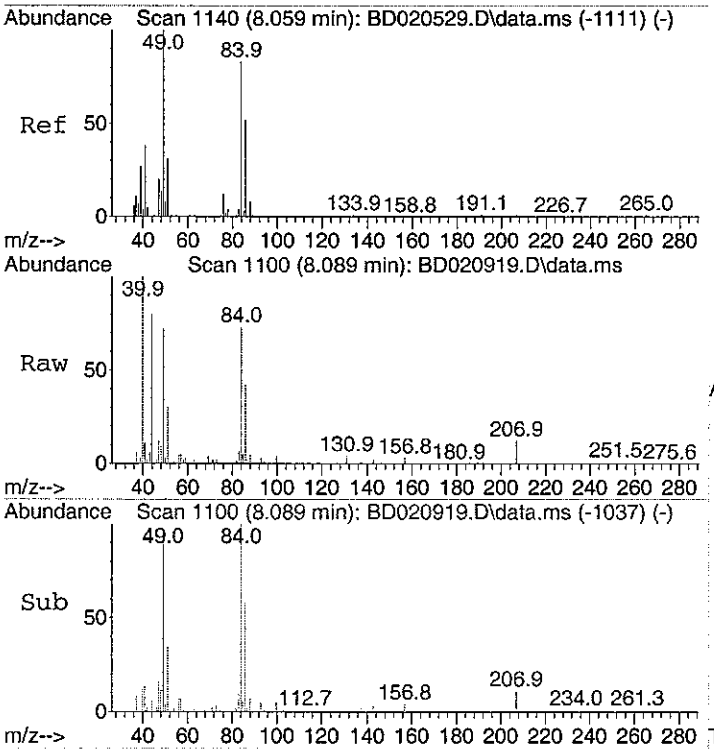


#12
Acetone
Concen: 4.22 ppb
RT: 7.038 min Scan# 750
Delta R.T. 0.036 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 58 Resp: 83755

Ion	Ratio	Lower	Upper
58	100		
43	391.2	385.5	445.5

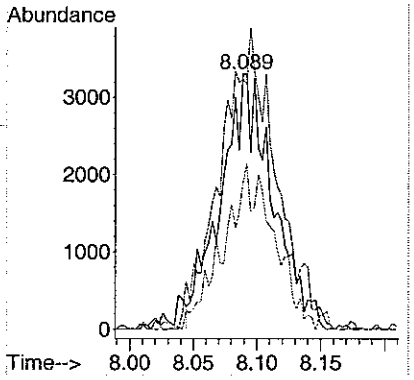


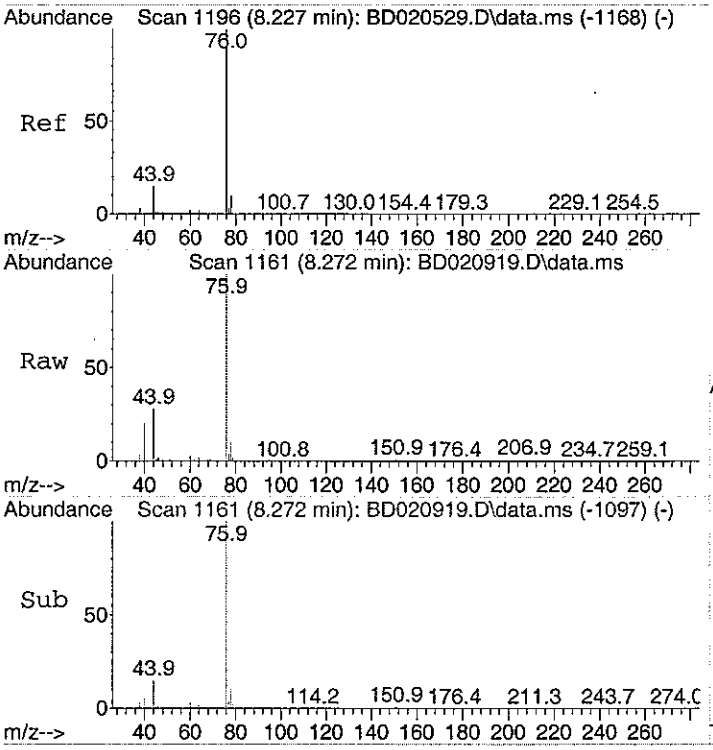


#16
Methylene chloride
Concen: 0.20 ppb
RT: 8.089 min Scan# 1100
Delta R.T. 0.039 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 84 Resp: 9384

Ion	Ratio	Lower	Upper
84	100		
49	124.6	123.8	163.8
86	62.1	45.6	85.6

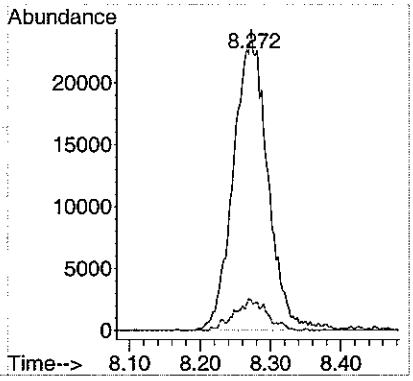


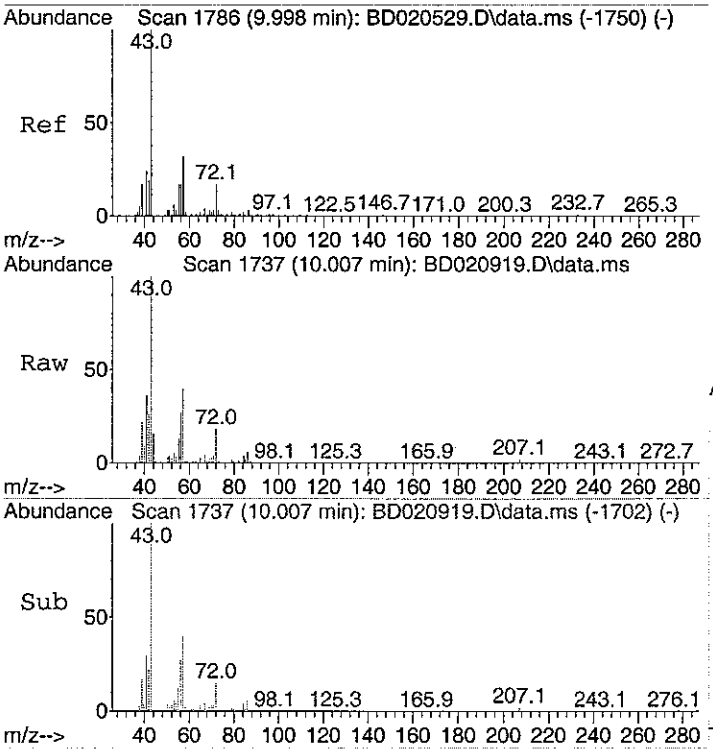


#18
Carbon disulfide
Concen: 0.60 ppb
RT: 8.272 min Scan# 1161
Delta R.T. 0.042 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 76 Resp: 81006

Ion	Ratio	Lower	Upper
76	100		
78	9.0	0.0	29.2

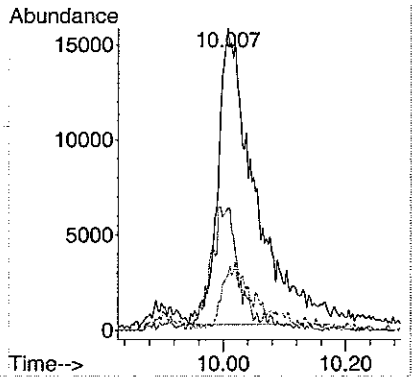


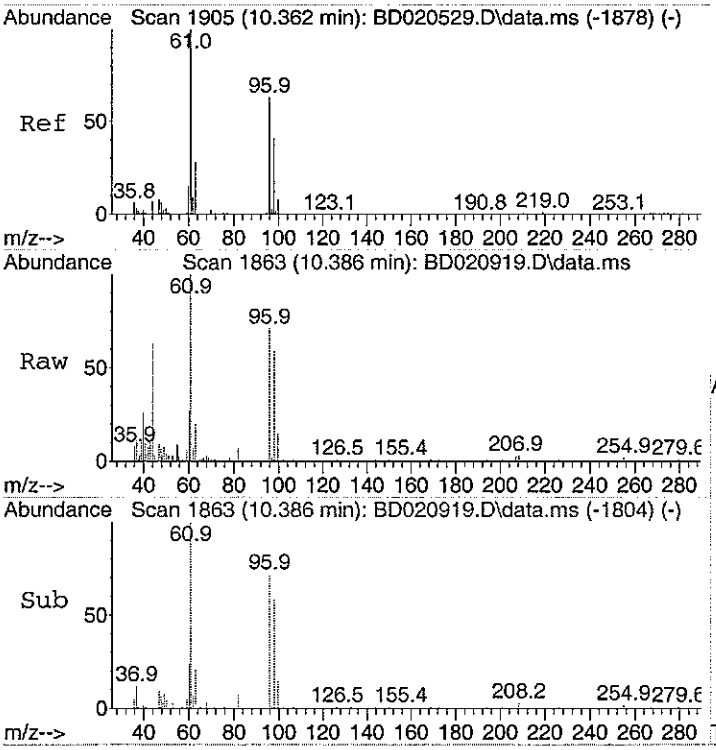


#23
Methyl Ethyl Ketone
Concen: 0.84 ppb
RT: 10.007 min Scan# 1737
Delta R.T. -0.039 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 43 Resp: 62072

Ion	Ratio	Lower	Upper
43	100		
57	32.1	25.2	65.2
72	19.5	0.0	32.9

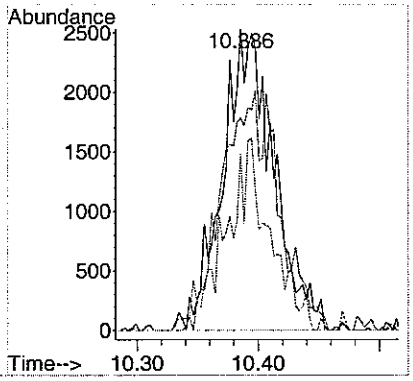


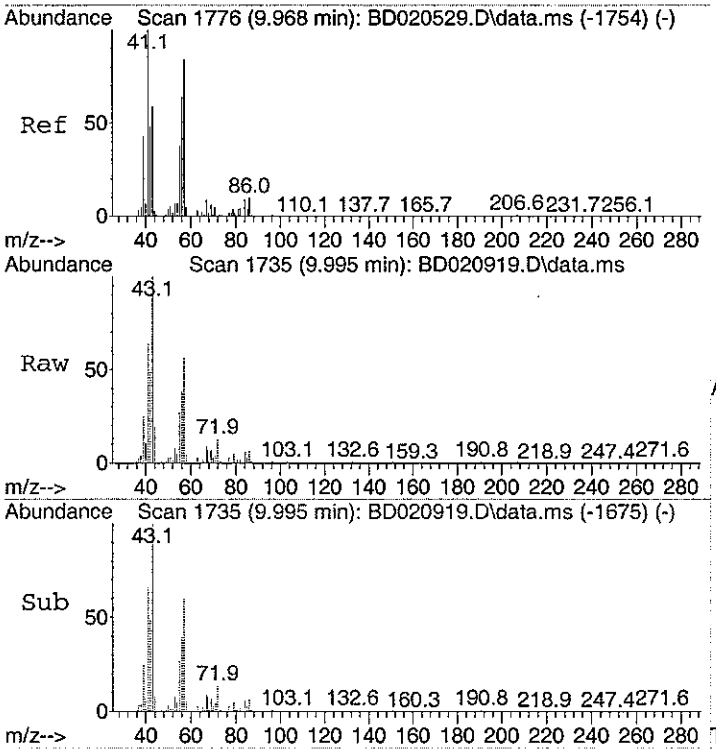


#24
cis-1,2-dichloroethene
Concen: 0.19 ppb
RT: 10.386 min Scan# 1863
Delta R.T. 0.027 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 61 Resp: 7313

Ion	Ratio	Lower	Upper
61	100		
96	88.5	53.5	93.5
98	52.7	27.8	67.8

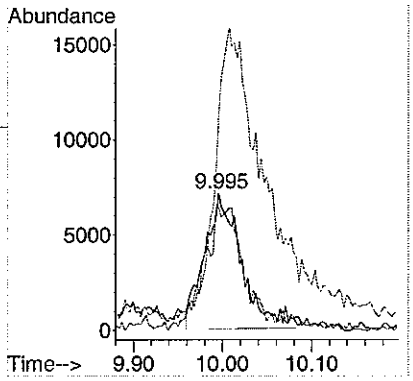


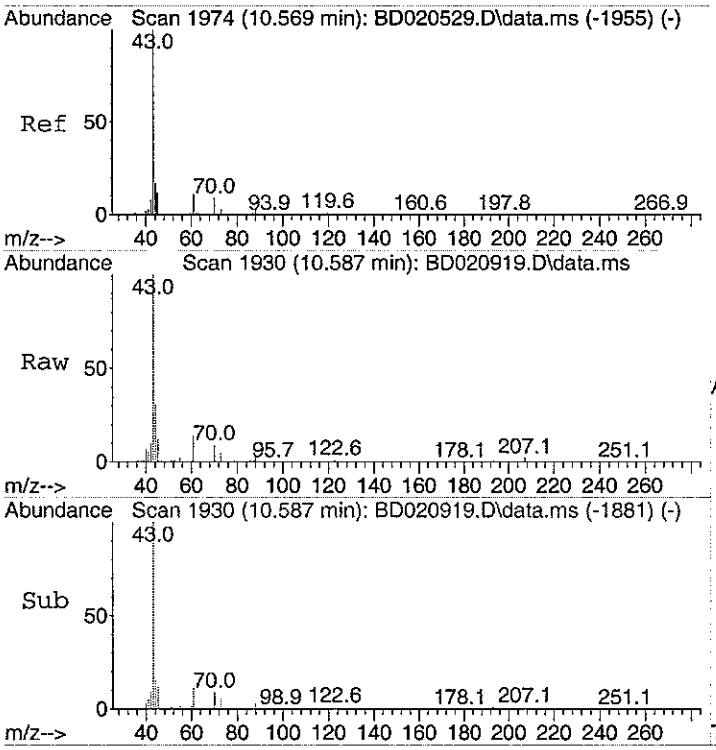


#25
Hexane
Concen: 0.52 ppb
RT: 9.995 min Scan# 1735
Delta R.T. 0.030 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 41 Resp: 19605

Ion	Ratio	Lower	Upper
41	100		
57	101.0	72.3	112.3
43	299.7	157.2	197.2#

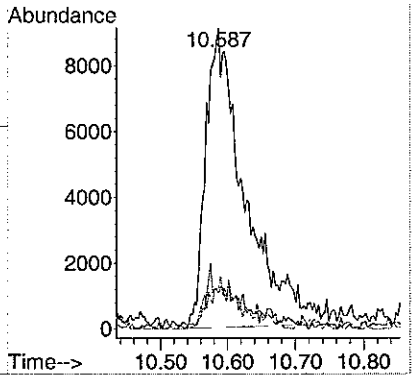


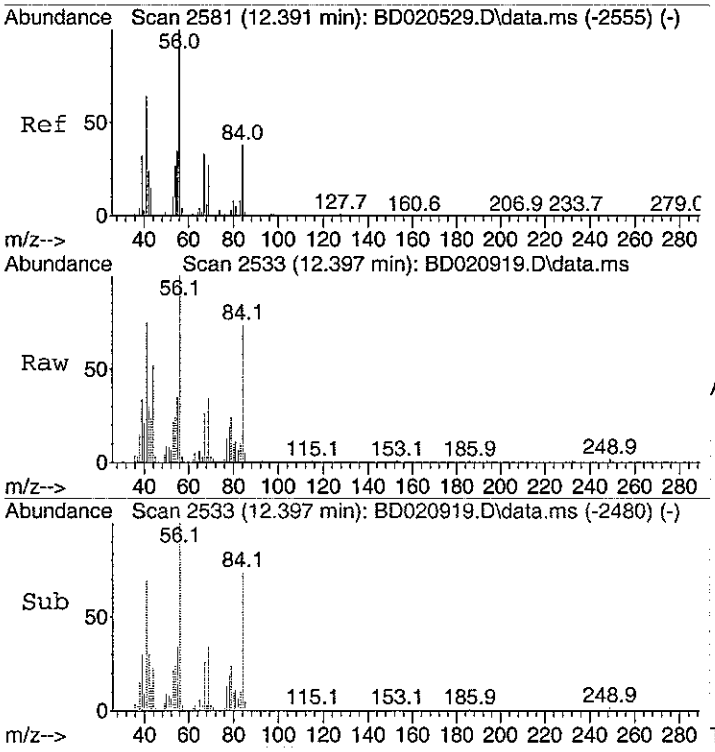


#26
Ethyl acetate
Concen: 0.71 ppb
RT: 10.587 min Scan# 1930
Delta R.T. -0.003 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 43 Resp: 37193

Ion	Ratio	Lower	Upper
43	100		
45	15.9	0.0	33.7
61	14.5	0.0	32.5

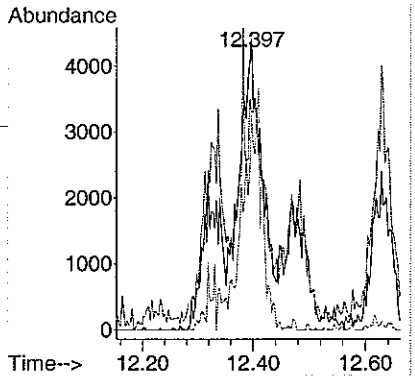


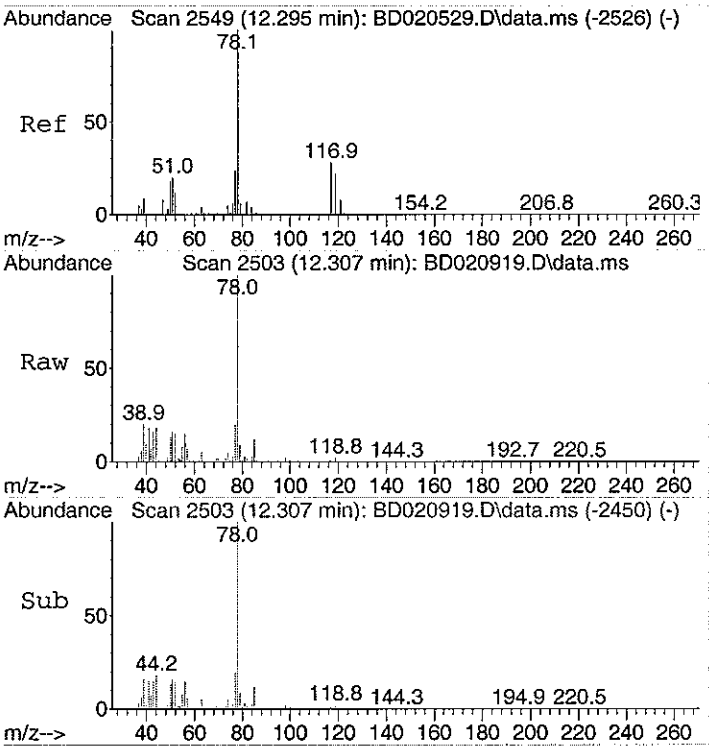


#32
Cyclohexane
Concen: 0.62 ppb
RT: 12.397 min Scan# 2533
Delta R.T. 0.009 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 56 Resp: 22468

Ion	Ratio	Lower	Upper
56	100		
41	99.7	57.7	97.7#
84	32.8	58.0	98.0#

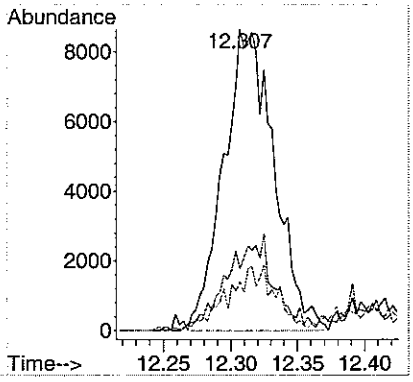


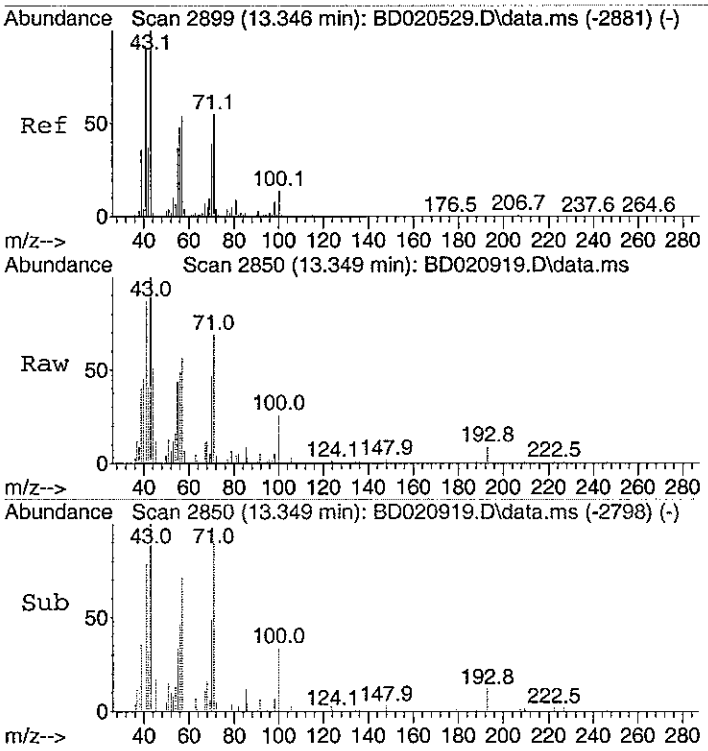


#34
Benzene
Concen: 0.24 ppb
RT: 12.307 min Scan# 2503
Delta R.T. 0.009 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 78 Resp: 22692

Ion	Ratio	Lower	Upper
78	100		
77	29.3	5.2	45.2
51	19.8	0.0	39.3

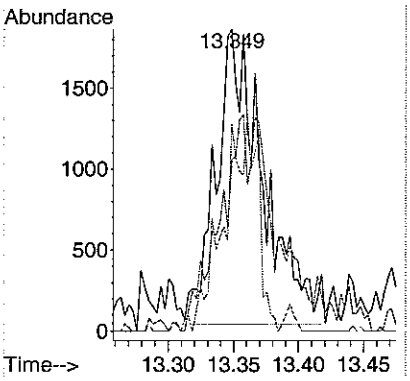


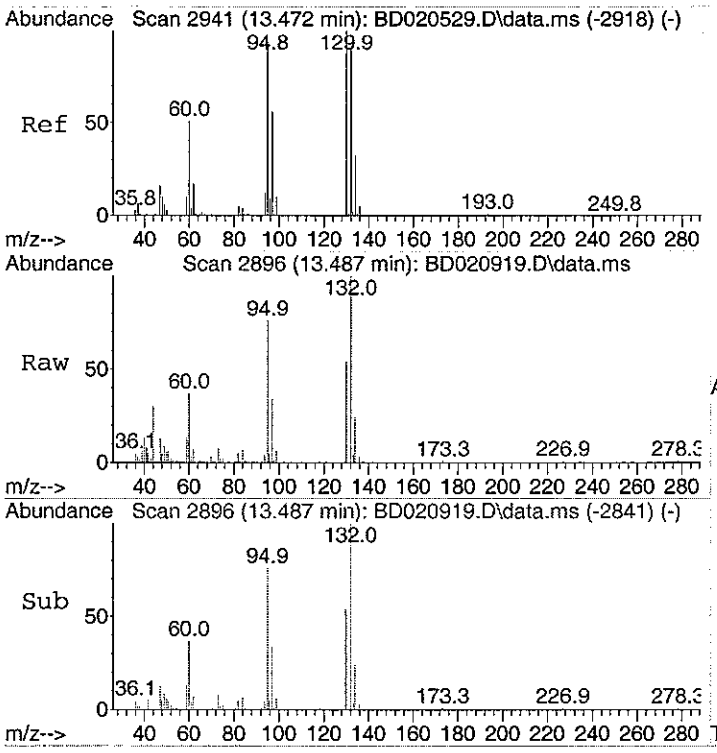


#37
Heptane
Concen: 0.11 ppb
RT: 13.349 min Scan# 2850
Delta R.T. 0.006 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 43 Resp: 4581

Ion	Ratio	Lower	Upper
43	100		
57	87.7	38.6	78.6#
71	53.9	36.0	76.0

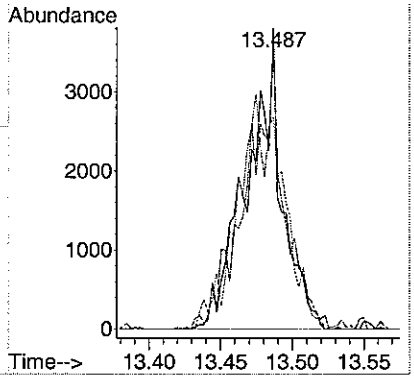


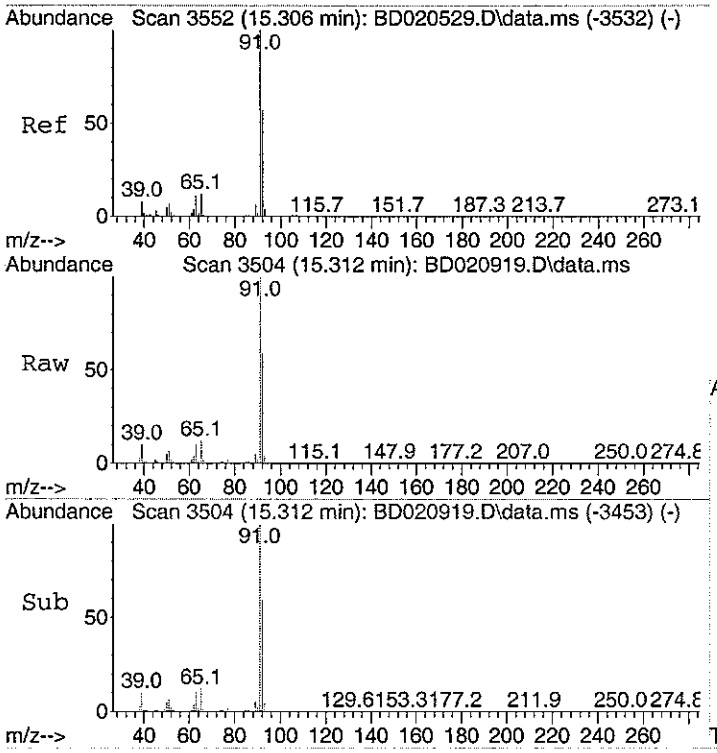


#38
Trichloroethene
Concen: 0.13 ppb
RT: 13.487 min Scan# 2896
Delta R.T. 0.015 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion:130 Resp: 6360

Ion	Ratio	Lower	Upper
130	100		
132	98.8	79.4	119.4
95	102.9	83.0	123.0

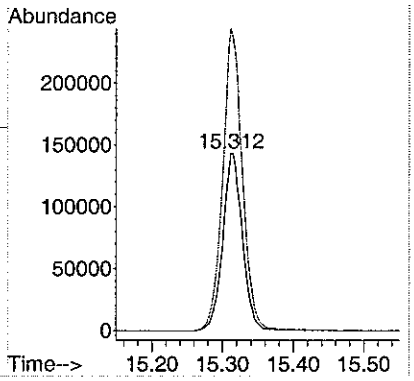


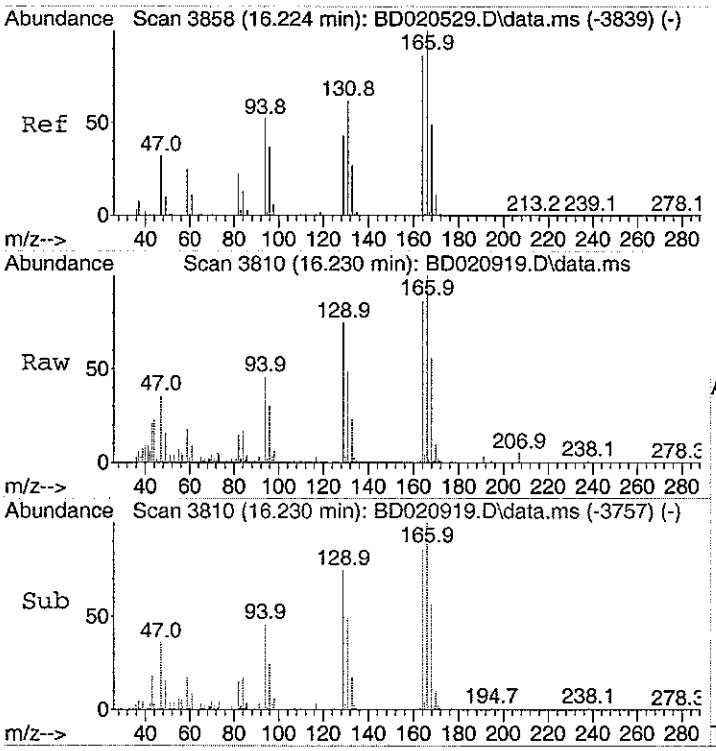


#45
Toluene
Concen: 4.26 ppb
RT: 15.312 min Scan# 3504
Delta R.T. 0.003 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 92 Resp: 273987

Ion	Ratio	Lower	Upper
92	100		
91	170.2	153.2	193.2

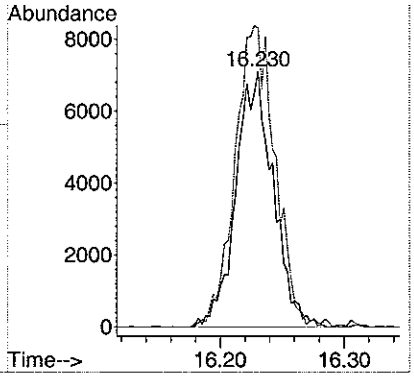


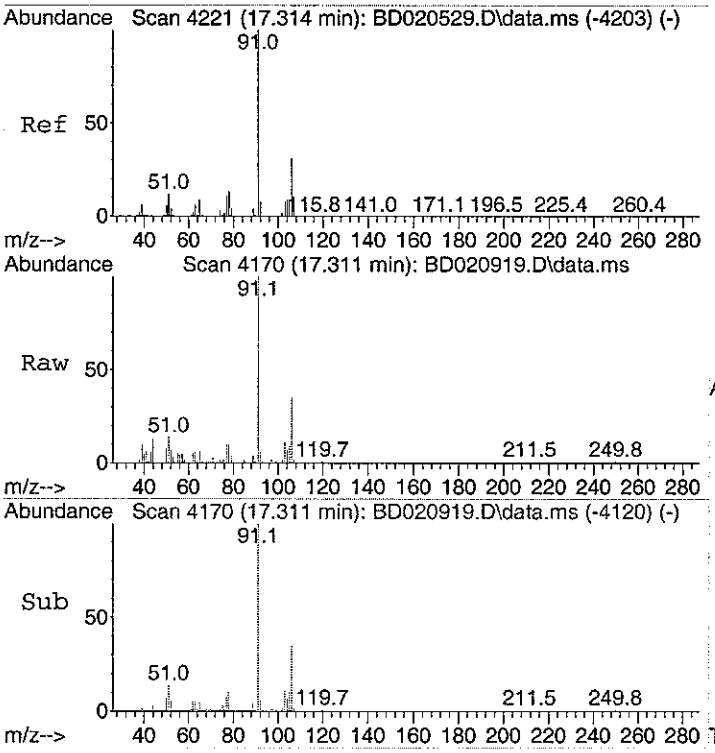


#50
Tetrachloroethylene
Concen: 0.26 ppb
RT: 16.230 min Scan# 3810
Delta R.T. 0.009 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion:164 Resp: 14893

Ion	Ratio	Lower	Upper
164	100		
166	126.9	107.9	147.9

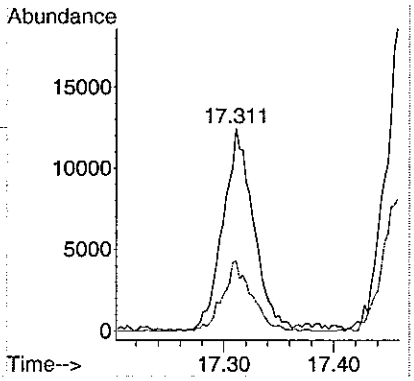


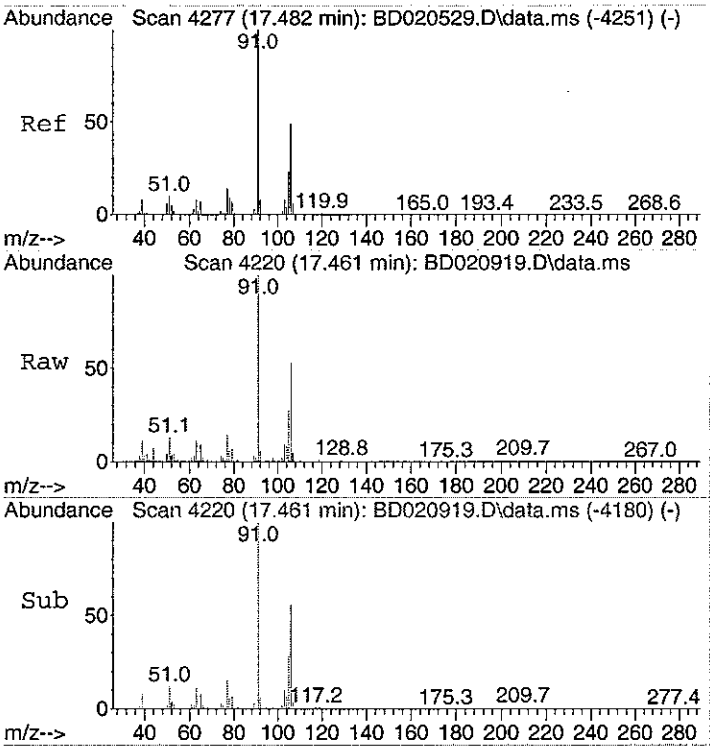


#52
Ethylbenzene
Concen: 0.21 ppb
RT: 17.311 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 91 Resp: 24800

Ion	Ratio	Lower	Upper
91	100		
106	31.7	11.3	51.3

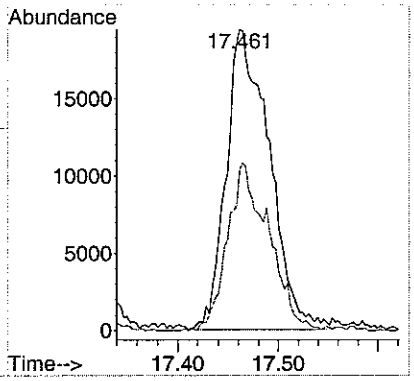


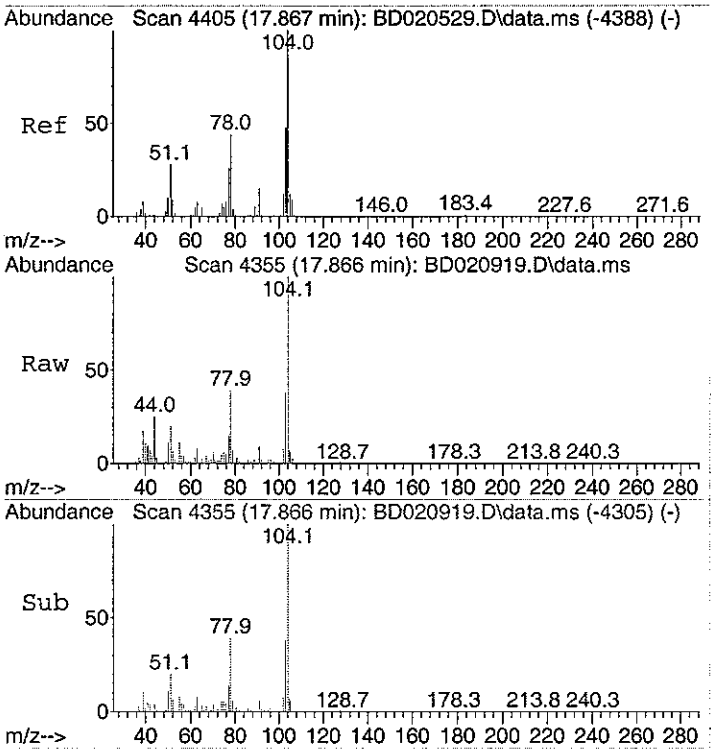


#53
m&p-xylene
Concen: 0.52 ppb
RT: 17.461 min Scan# 4220
Delta R.T. -0.030 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 91 Resp: 58072

Ion	Ratio	Lower	Upper
91	100		
106	53.3	30.4	70.4

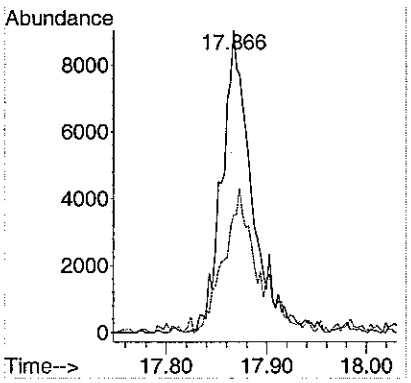


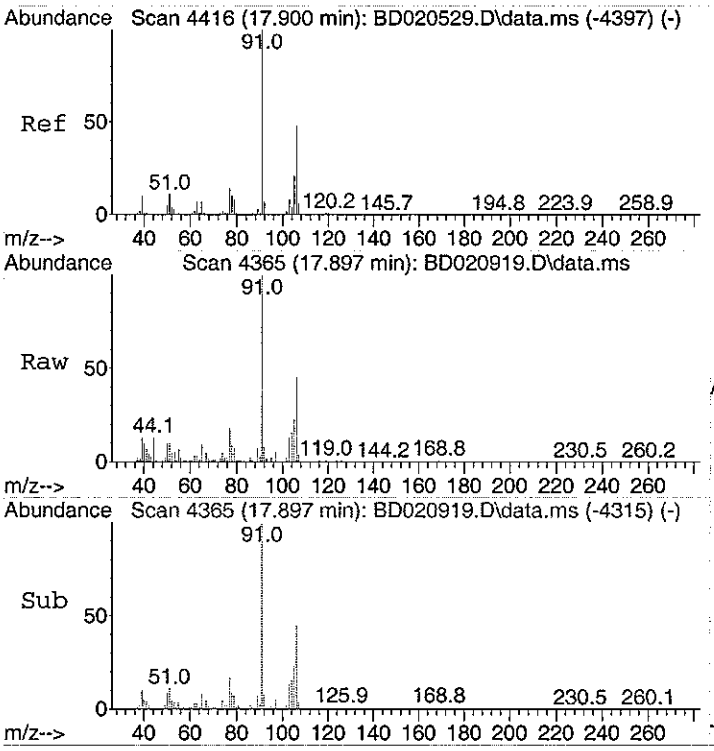


#54
Styrene
Concen: 0.29 ppb
RT: 17.866 min Scan# 4355
Delta R.T. 0.000 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion:104 Resp: 18774

Ion	Ratio	Lower	Upper
104	100		
78	52.8	39.7	79.7

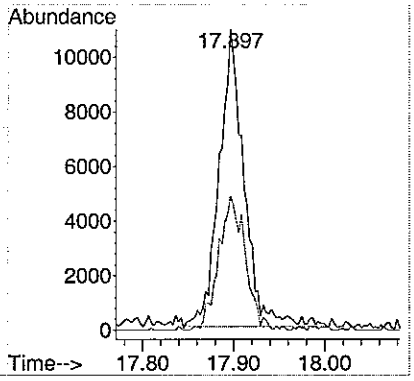




#56
o-xylene
Concen: 0.17 ppb
RT: 17.897 min Scan# 4365
Delta R.T. 0.000 min
Lab File: BD020919.D
Acq: 10 Feb 2008 2:55 am

Tgt Ion: 91 Resp: 20708

Ion	Ratio	Lower	Upper
91	100		
106	48.3	27.2	67.2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020920.D
Acq On : 10 Feb 2008 3:27 am
Operator :
Sample : C0802002-006A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 12:29:37 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

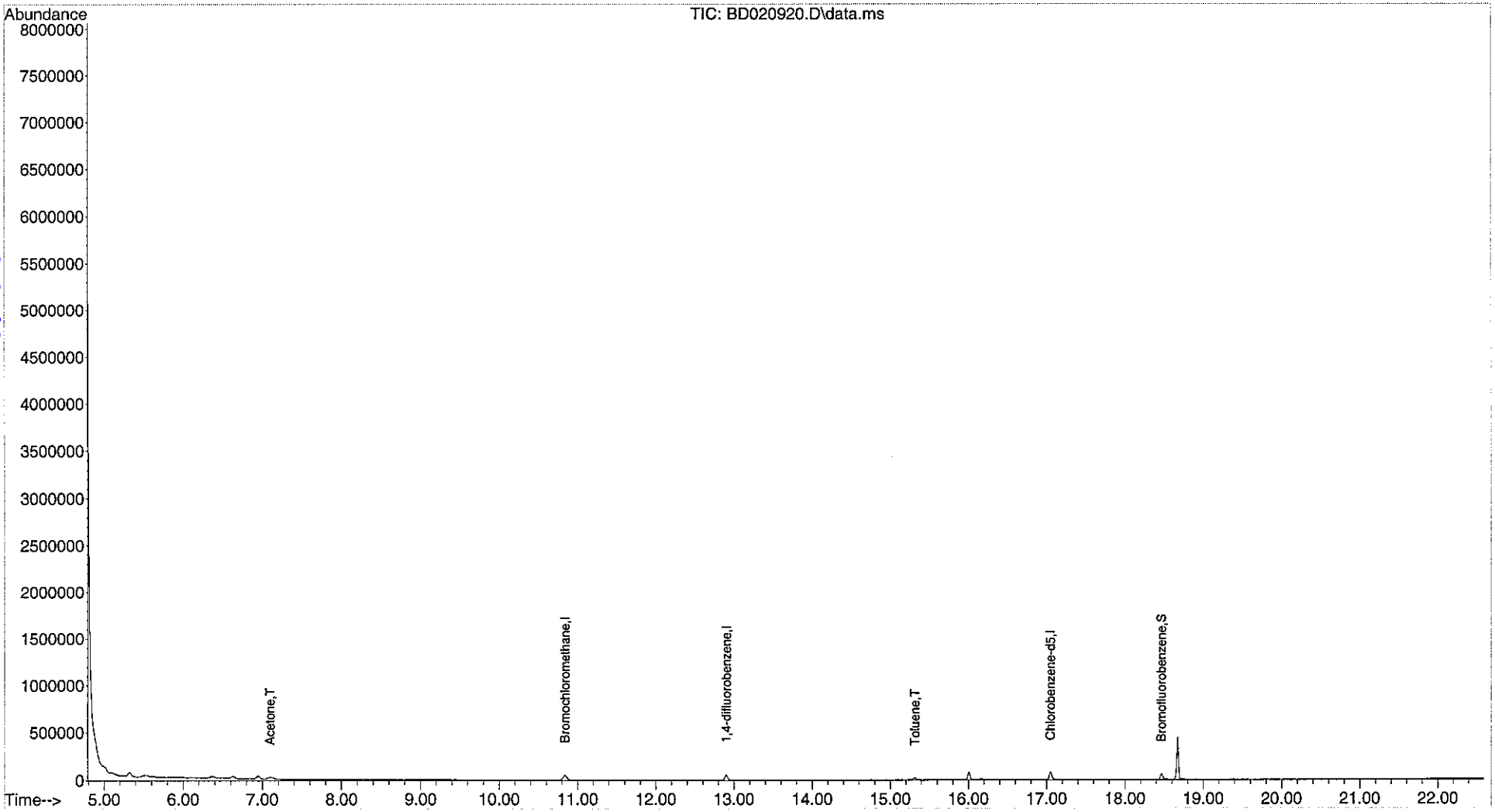
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.836	128	23183	1.00	ppb	# 0.02
30) 1,4-difluorobenzene	12.898	114	51704	1.00	ppb	0.01
44) Chlorobenzene-d5	17.047	117	57773	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.464	95	22398	0.76	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 76.00%			
Target Compounds						Qvalue
12) Acetone	7.095	58	9792m	0.52	ppb	
45) Toluene	15.312	92	11441	0.23	ppb	95

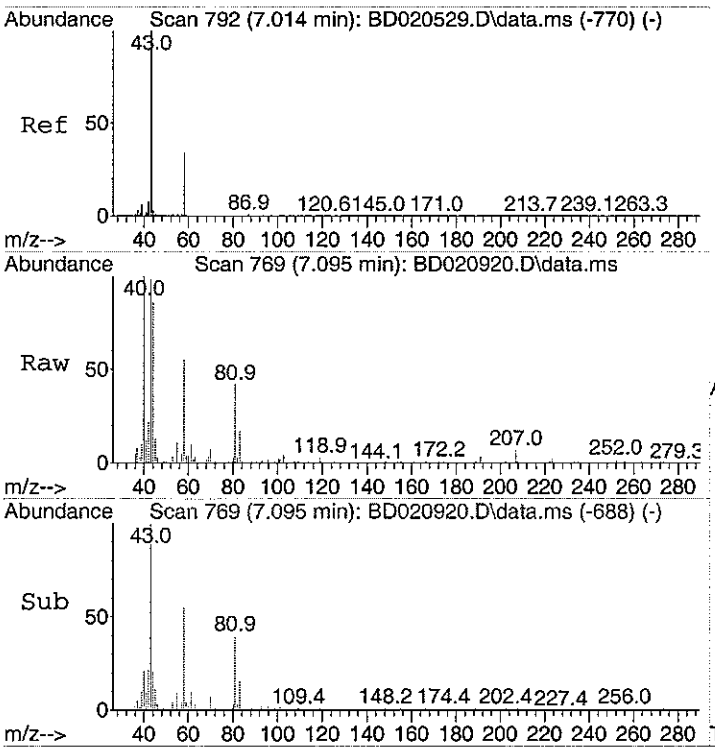
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020920.D
Acq On : 10 Feb 2008 3:27 am
Operator :
Sample : C0802002-006A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 12:29:37 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

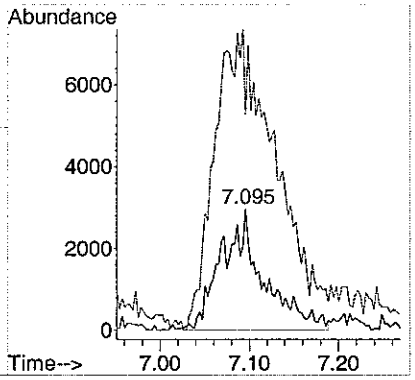


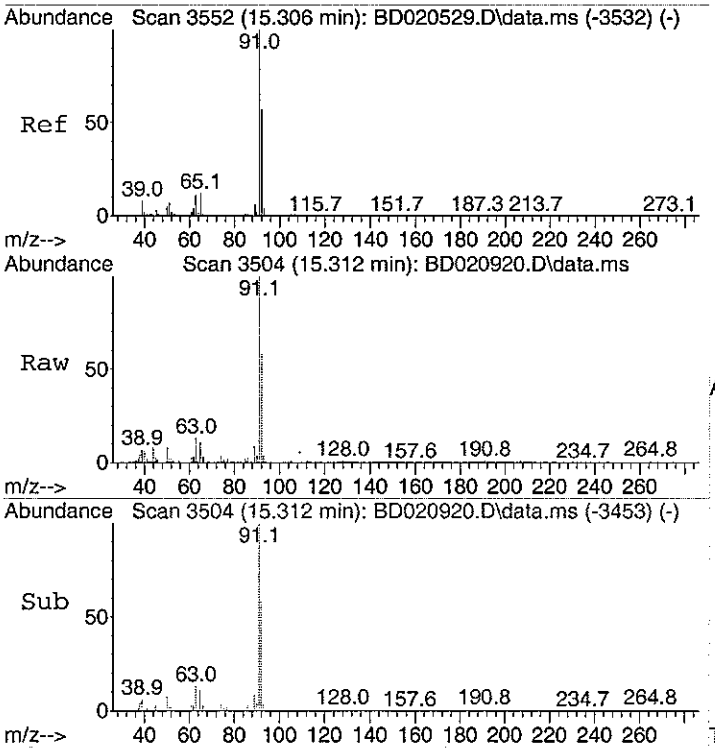


#12
Acetone
Concen: 0.52 ppb m
RT: 7.095 min Scan# 769
Delta R.T. 0.093 min
Lab File: BD020920.D
Acq: 10 Feb 2008 3:27 am

Tgt Ion: 58 Resp: 9792

Ion	Ratio	Lower	Upper
58	100		
43	26.9	385.5	445.5#

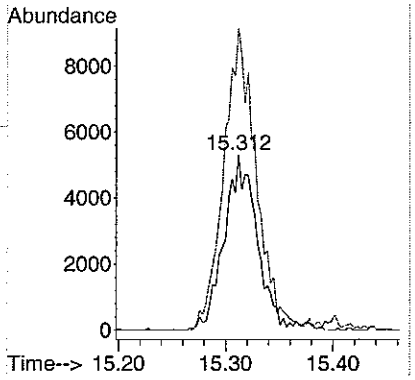




#45
Toluene
Concen: 0.23 ppb
RT: 15.312 min Scan# 3504
Delta R.T. 0.003 min
Lab File: BD020920.D
Acq: 10 Feb 2008 3:27 am

Tgt Ion: 92 Resp: 11441

Ion	Ratio	Lower	Upper
92	100		
91	166.9	153.2	193.2



CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP8-SVI
Lab Order:	C0802002	**Tag Number:**	412, 63
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-007A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-2			"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2,4-Trimethylbenzene	0.150	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
2,2,4-trimethylpentane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Acetone	3.40	3.00		ppbV	10	2/10/2008 5:07:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Benzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Bromoform	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Bromomethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Carbon disulfide	0.150	0.150		ppbV	1	2/10/2008 4:34:00 AM
Carbon tetrachloride	ND	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Chlorobenzene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Chloroethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Chloroform	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Chloromethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Cyclohexane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Ethyl acetate	0.240	0.250	J	ppbV	1	2/10/2008 4:34:00 AM
Ethylbenzene	0.270	0.150		ppbV	1	2/10/2008 4:34:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP8-SVI
Lab Order:	C0802002	**Tag Number:**	412, 63
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-007A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.120	0.150	J	ppbV	1	2/10/2008 4:34:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Freon 12	0.260	0.150		ppbV	1	2/10/2008 4:34:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Hexane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
m&p-Xylene	0.860	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Ethyl Ketone	1.21	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Methylene chloride	0.140	0.150	J	ppbV	1	2/10/2008 4:34:00 AM
o-Xylene	0.300	0.150		ppbV	1	2/10/2008 4:34:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Styrene	0.690	0.150		ppbV	1	2/10/2008 4:34:00 AM
Tetrachloroethylene	0.180	0.150		ppbV	1	2/10/2008 4:34:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Toluene	6.10	1.50		ppbV	10	2/10/2008 5:07:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Trichloroethene	0.0400	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	2/10/2008 4:34:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP8-SVI
Lab Order:	C0802002	**Tag Number:**	412, 63
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-007A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 4:34:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 4:34:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 4:34:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 4:34:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 4:34:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 4:34:00 AM
1,2,4-Trimethylbenzene	0.749	0.749		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 4:34:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 4:34:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 4:34:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 4:34:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 4:34:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 4:34:00 AM
Acetone	8.21	7.24		ug/m3	10	2/10/2008 5:07:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 4:34:00 AM
Benzene	ND	0.487		ug/m3	1	2/10/2008 4:34:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 4:34:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 4:34:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 4:34:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 4:34:00 AM
Carbon disulfide	0.475	0.475		ug/m3	1	2/10/2008 4:34:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 4:34:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 4:34:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 4:34:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 4:34:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 4:34:00 AM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 4:34:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 4:34:00 AM
Cyclohexane	ND	0.525		ug/m3	1	2/10/2008 4:34:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 4:34:00 AM
Ethyl acetate	0.879	0.916	J	ug/m3	1	2/10/2008 4:34:00 AM
Ethylbenzene	1.19	0.662		ug/m3	1	2/10/2008 4:34:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP8-SVI
Lab Order:	C0802002	**Tag Number:**	412, 63
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-007A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.685	0.857	J	ug/m3	1	2/10/2008 4:34:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 4:34:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 4:34:00 AM
Freon 12	1.31	0.754		ug/m3	1	2/10/2008 4:34:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 4:34:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 4:34:00 AM
Hexane	ND	0.537		ug/m3	1	2/10/2008 4:34:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 4:34:00 AM
m&p-Xylene	3.80	1.32		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Ethyl Ketone	3.63	0.899		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 4:34:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 4:34:00 AM
Methylene chloride	0.494	0.530	J	ug/m3	1	2/10/2008 4:34:00 AM
o-Xylene	1.32	0.662		ug/m3	1	2/10/2008 4:34:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 4:34:00 AM
Styrene	2.99	0.649		ug/m3	1	2/10/2008 4:34:00 AM
Tetrachloroethylene	1.24	1.03		ug/m3	1	2/10/2008 4:34:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 4:34:00 AM
Toluene	23.4	5.75		ug/m3	10	2/10/2008 5:07:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 4:34:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 4:34:00 AM
Trichloroethene	0.218	0.218		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 4:34:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020922.D
Acq On : 10 Feb 2008 4:34 am
Operator :
Sample : C0802002-007A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 11:06:27 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

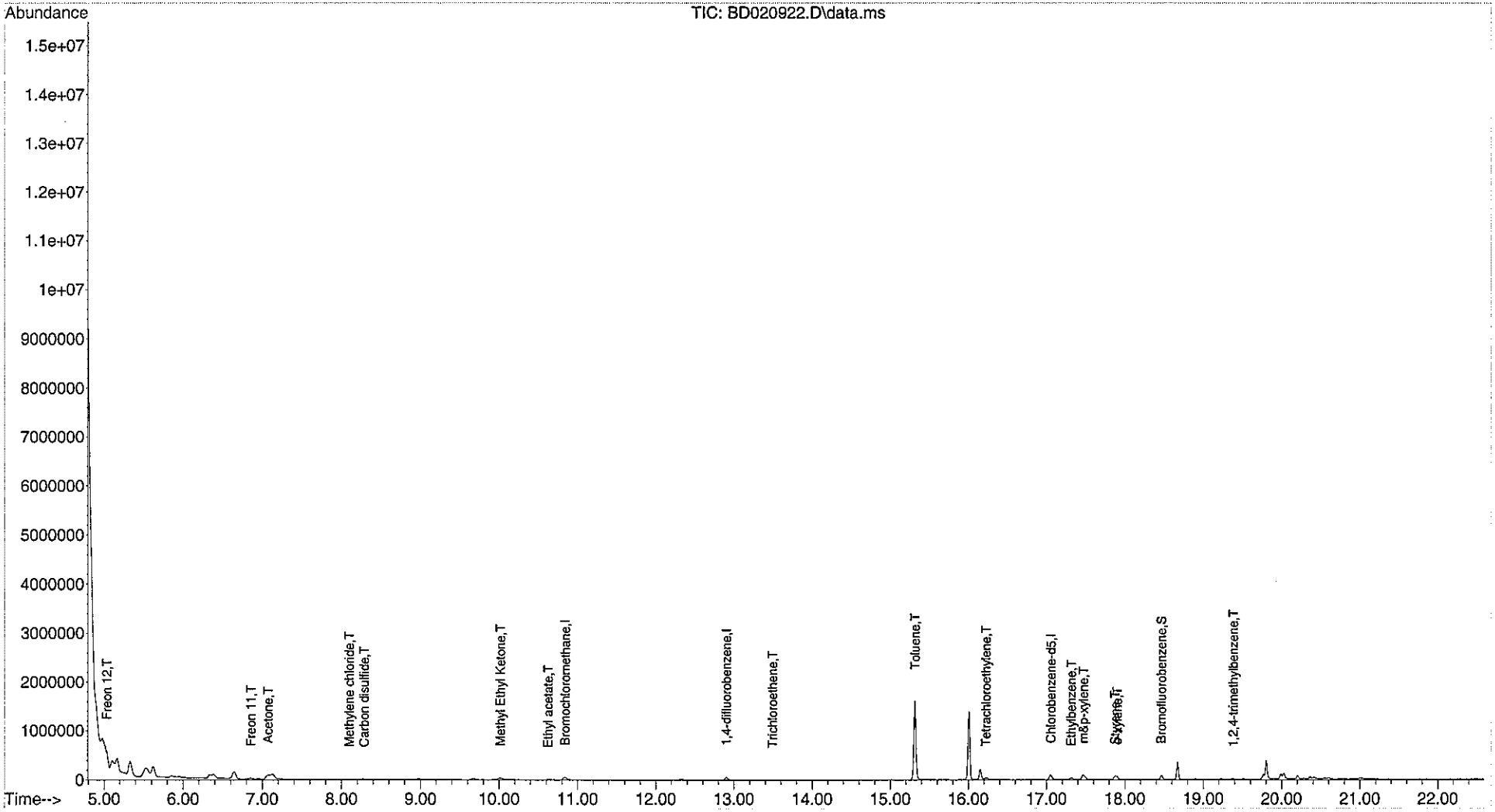
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.839	128	22400	1.00	ppb	#	0.02
30) 1,4-difluorobenzene	12.898	114	51932	1.00	ppb		0.01
44) Chlorobenzene-d5	17.053	117	68147	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	31178	0.90	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 90.00%				
Target Compounds							Qvalue
3) Freon 12	5.033	85	53030	0.26	ppb		97
11) Freon 11	6.852	101	24603	0.12	ppb		98
12) Acetone	7.068	58	53401	2.95	ppb	#	81
16) Methylene chloride	8.095	84	5899	0.14	ppb	#	71
18) Carbon disulfide	8.284	76	19130	0.15	ppb		91
23) Methyl Ethyl Ketone	10.013	43	82163	1.21	ppb	#	54
26) Ethyl acetate	10.620	43	11493	0.24	ppb		82
38) Trichloroethene	13.487	130	1467	0.04	ppb	#	76
45) Toluene	15.312	92	775164	13.28	ppb		95
50) Tetrachloroethylene	16.221	164	9519	0.18	ppb		96
52) Ethylbenzene	17.311	91	28610	0.27	ppb		94
53) m&p-xylene	17.467	91	88089	0.86	ppb		99
54) Styrene	17.873	104	40395	0.69	ppb		85
56) o-xylene	17.900	91	34494	0.30	ppb		100
61) 1,2,4-trimethylbenzene	19.380	105	11346	0.15	ppb		97

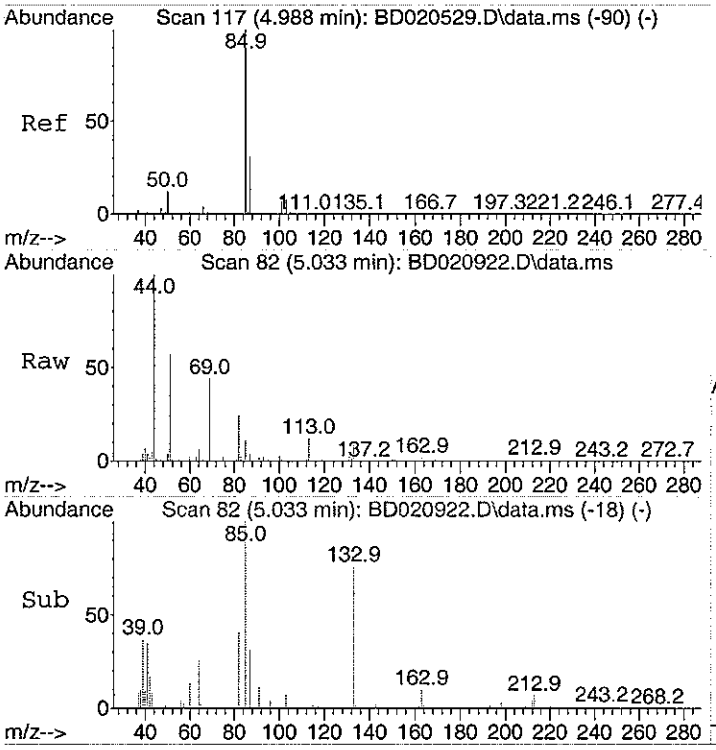
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020922.D
Acq On : 10 Feb 2008 4:34 am
Operator :
Sample : C0802002-007A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 11:06:27 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

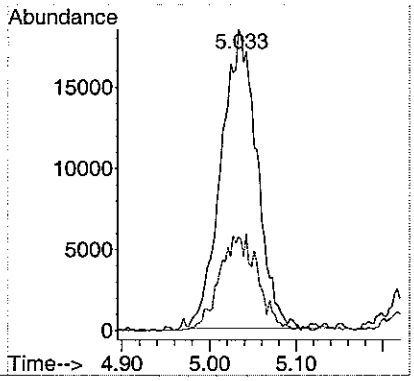


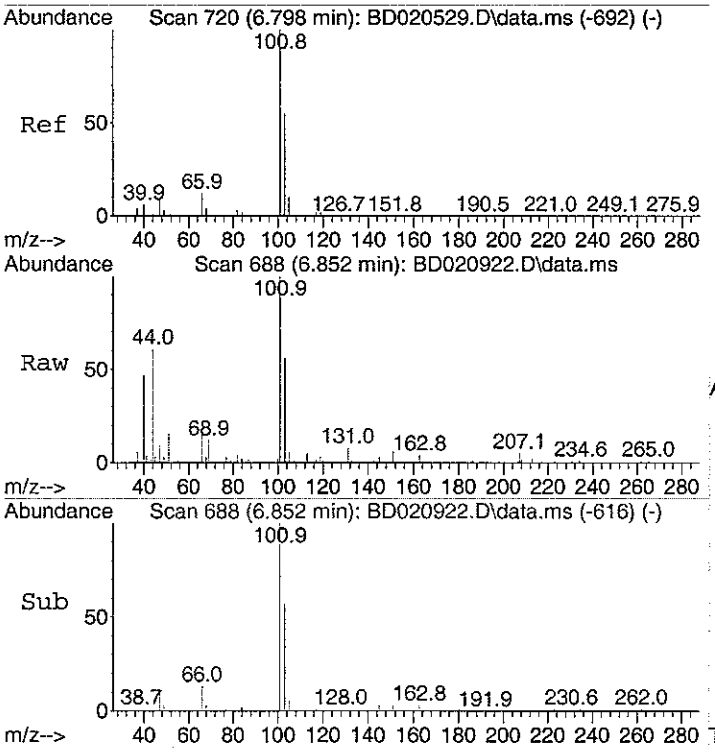


#3
Freon 12
Concen: 0.26 ppb
RT: 5.033 min Scan# 82
Delta R.T. 0.042 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 85 Resp: 53030

Ion	Ratio	Lower	Upper
85	100		
87	34.0	12.5	52.5

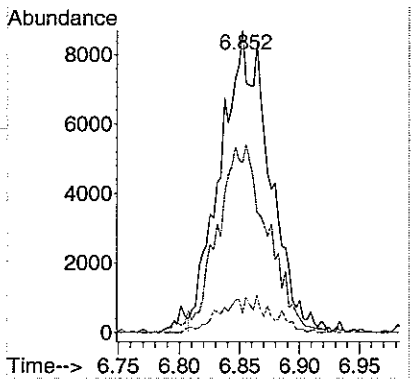


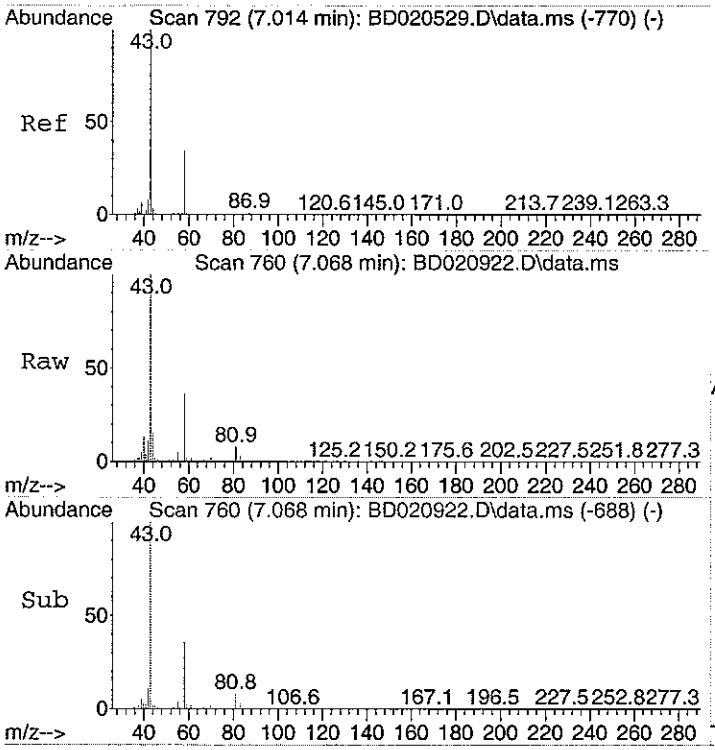


#11
Freon 11
Concen: 0.12 ppb
RT: 6.852 min Scan# 688
Delta R.T. 0.066 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion:101 Resp: 24603

Ion	Ratio	Lower	Upper
101	100		
103	64.0	45.3	85.3
105	11.8	0.0	30.8

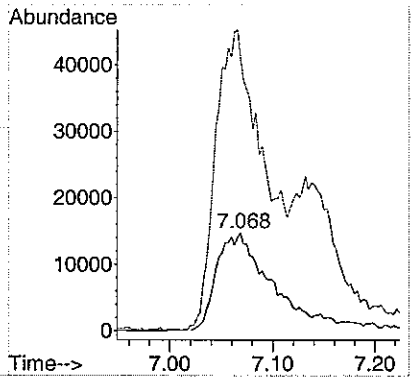


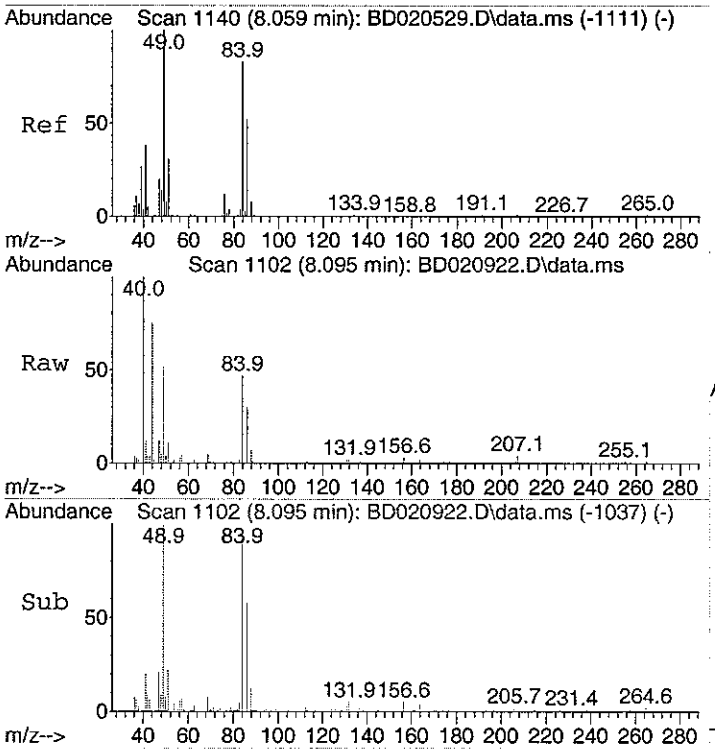


#12
Acetone
Concen: 2.95 ppb
RT: 7.068 min Scan# 760
Delta R.T. 0.066 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 58 Resp: 53401

Ion	Ratio	Lower	Upper
58	100		
43	368.4	385.5	445.5#

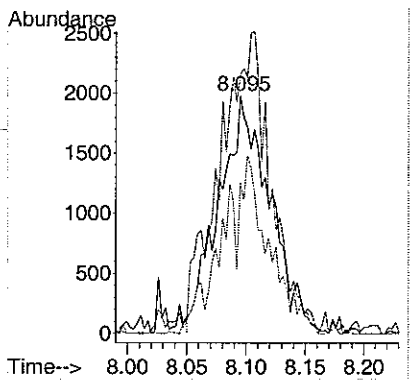


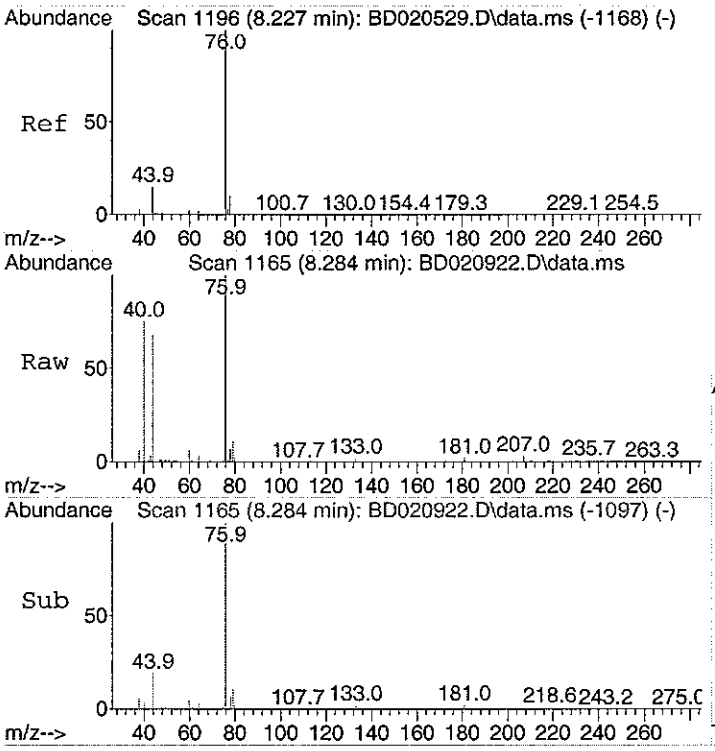


#16
Methylene chloride
Concen: 0.14 ppb
RT: 8.095 min Scan# 1102
Delta R.T. 0.045 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 84 Resp: 5899

Ion	Ratio	Lower	Upper
84	100		
49	127.4	123.8	163.8
86	15.4	45.6	85.6#

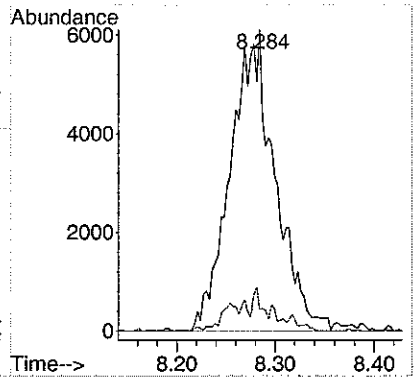


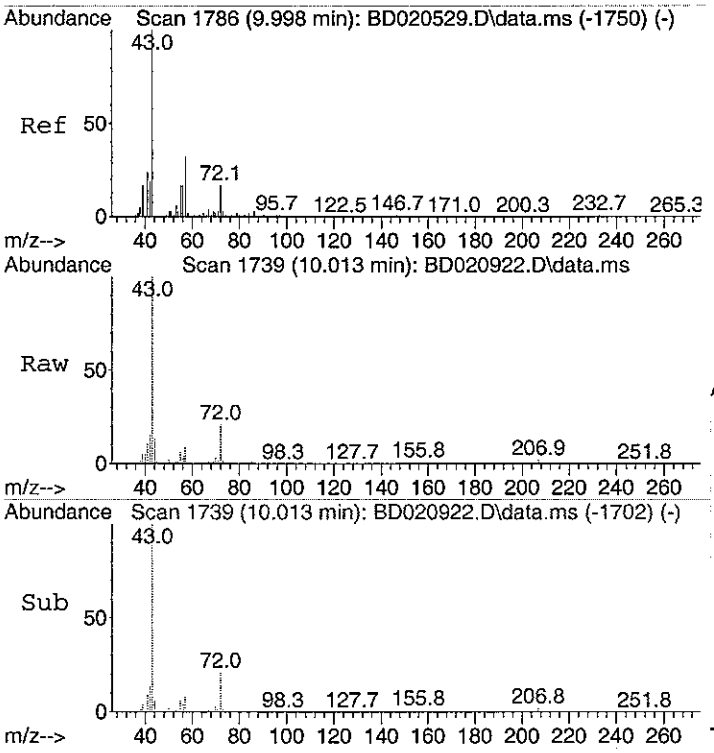


#18
Carbon disulfide
Concen: 0.15 ppb
RT: 8.284 min Scan# 1165
Delta R.T. 0.054 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 76 Resp: 19130

Ion	Ratio	Lower	Upper
76	100		
78	6.0	0.0	29.2

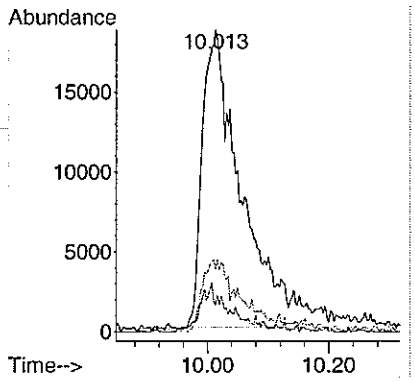


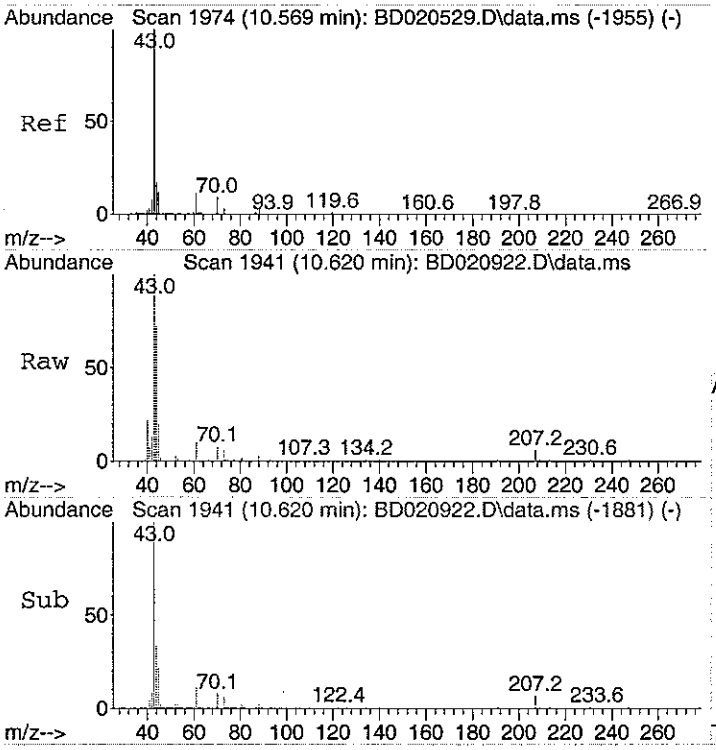


#23
Methyl Ethyl Ketone
Concen: 1.21 ppb
RT: 10.013 min Scan# 1739
Delta R.T. -0.033 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 43 Resp: 82163

Ion	Ratio	Lower	Upper
43	100		
57	12.0	25.2	65.2#
72	24.6	0.0	32.9

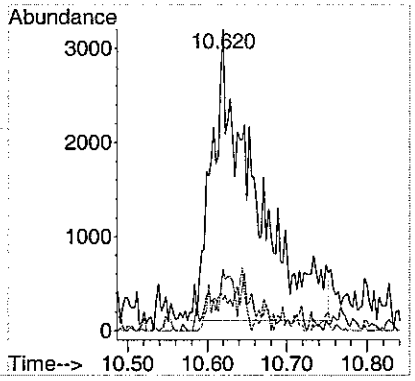


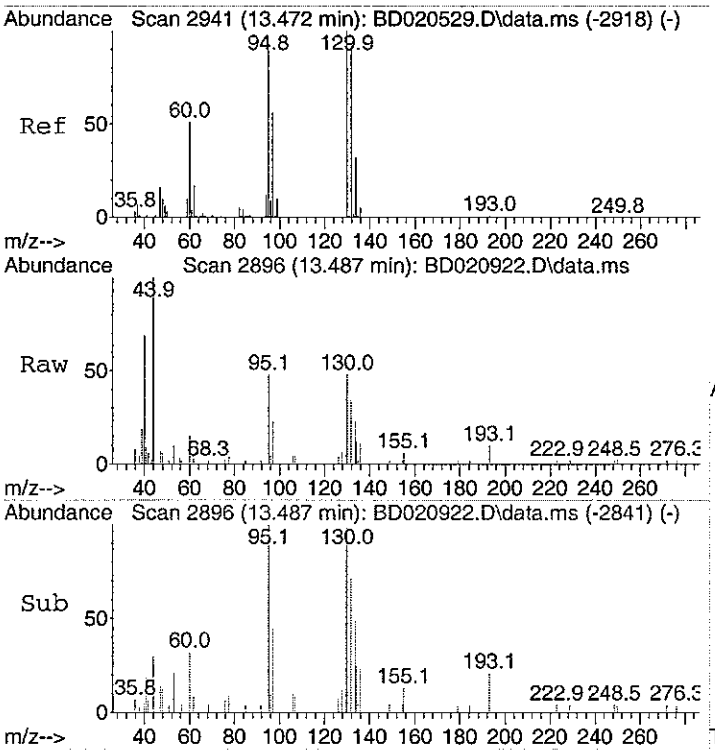


#26
Ethyl acetate
Concen: 0.24 ppb
RT: 10.620 min Scan# 1941
Delta R.T. 0.030 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 43 Resp: 11493

Ion	Ratio	Lower	Upper
43	100		
45	8.4	0.0	33.7
61	3.0	0.0	32.5

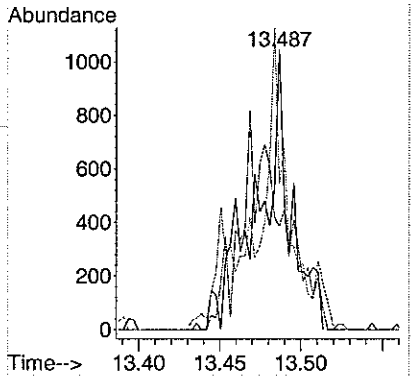


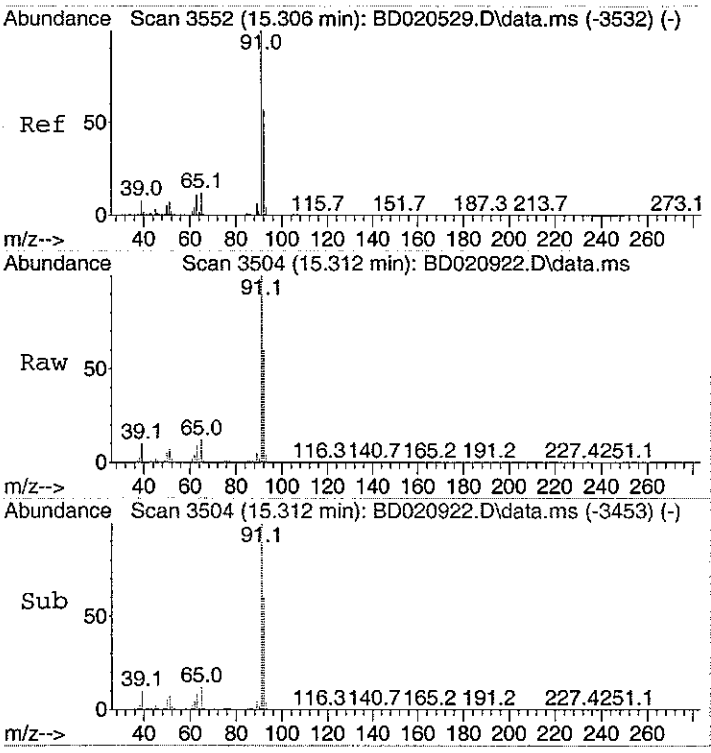


#38
Trichloroethene
Concen: 0.04 ppb
RT: 13.487 min Scan# 2896
Delta R.T. 0.015 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion:130 Resp: 1467

Ion	Ratio	Lower	Upper
130	100		
132	89.5	79.4	119.4
95	65.2	83.0	123.0#

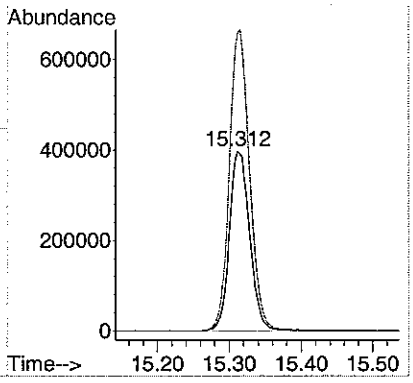


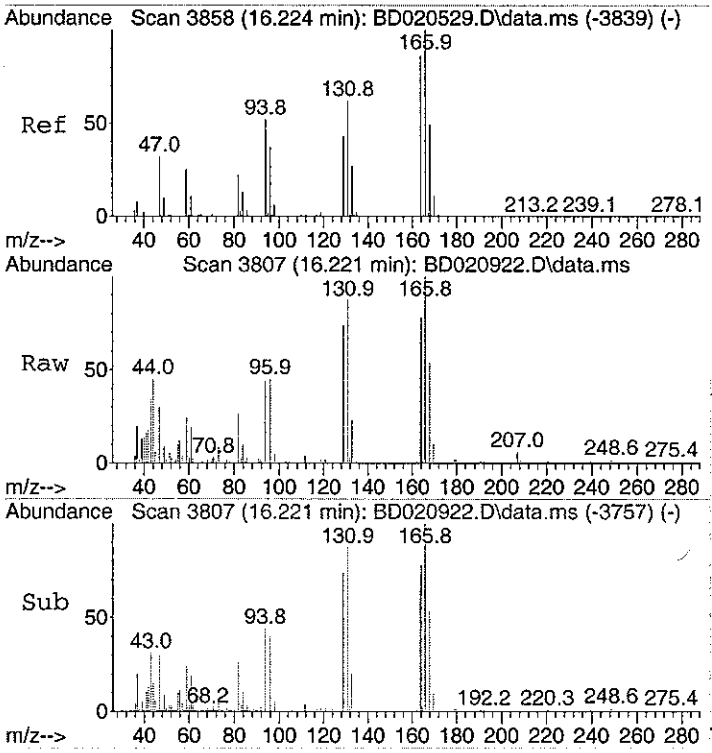


#45
Toluene
Concen: 13.28 ppb
RT: 15.312 min Scan# 3504
Delta R.T. 0.003 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 92 Resp: 775164

Ion	Ratio	Lower	Upper
92	100		
91	166.6	153.2	193.2

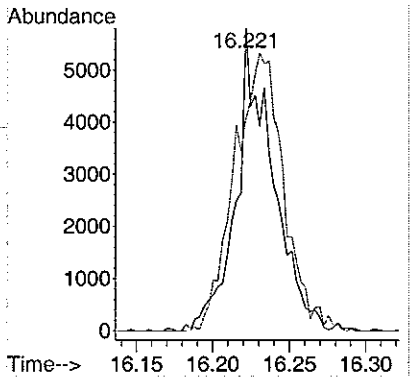


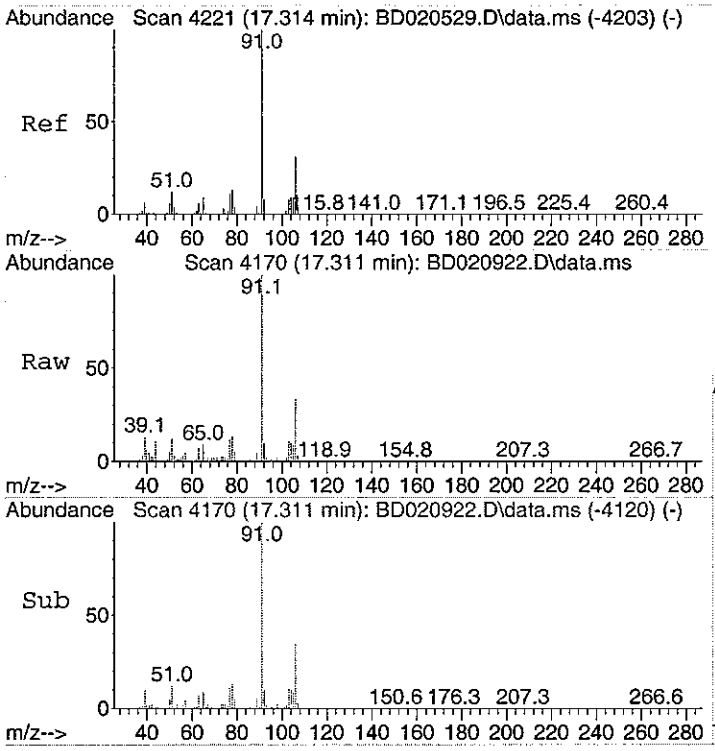


#50
Tetrachloroethylene
Concen: 0.18 ppb
RT: 16.221 min Scan# 3807
Delta R.T. 0.000 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion:164 Resp: 9519

Ion	Ratio	Lower	Upper
164	100		
166	123.8	107.9	147.9

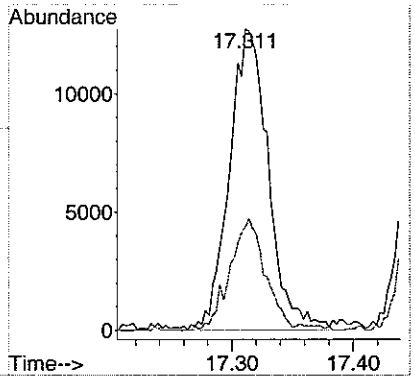


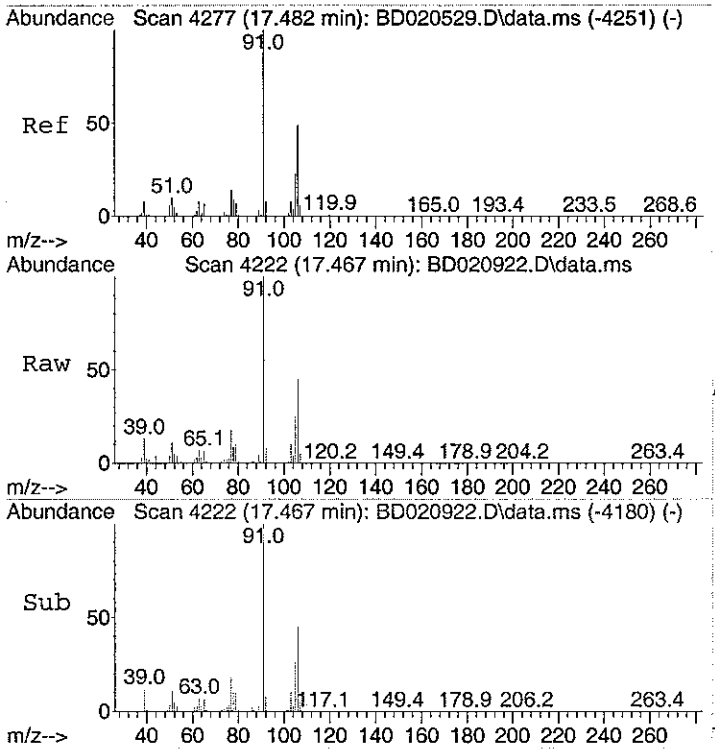


#52
Ethylbenzene
Concen: 0.27 ppb
RT: 17.311 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 91 Resp: 28610

Ion	Ratio	Lower	Upper
91	100		
106	34.6	11.3	51.3

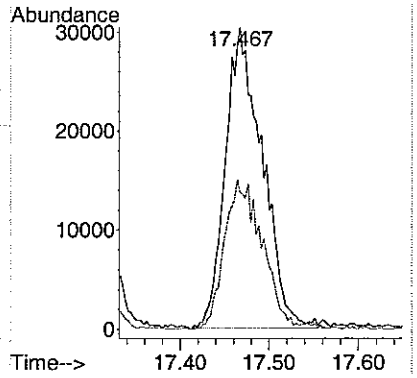


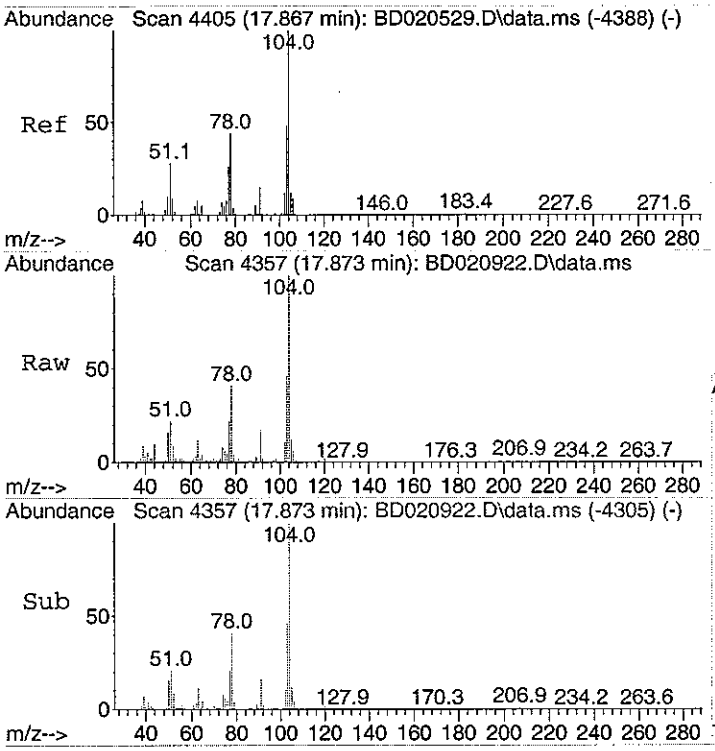


#53
m&p-xylene
Concen: 0.86 ppb
RT: 17.467 min Scan# 4222
Delta R.T. -0.024 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 91 Resp: 88089

Ion	Ratio	Lower	Upper
91	100		
106	51.1	30.4	70.4

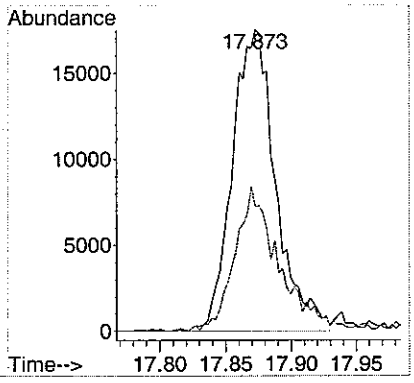


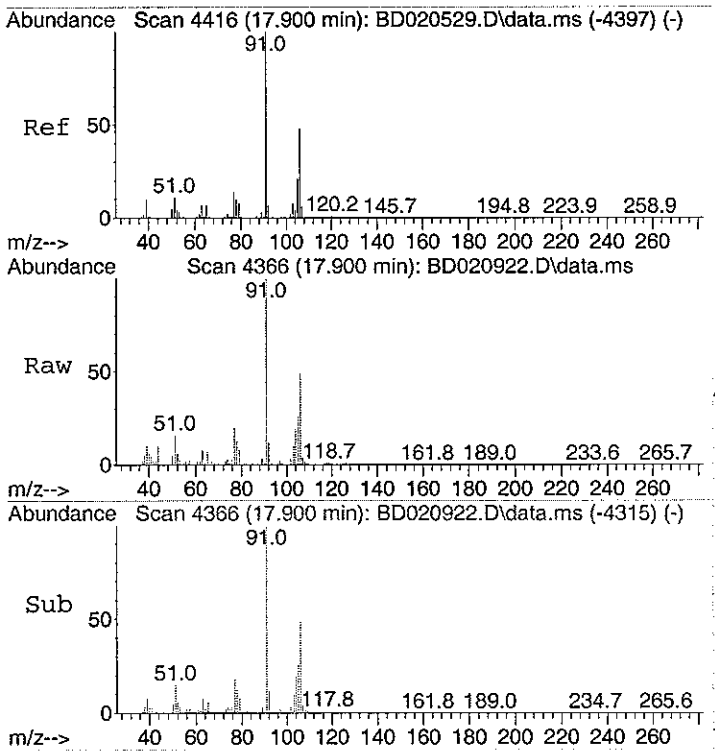


#54
Styrene
Concen: 0.69 ppb
RT: 17.873 min Scan# 4357
Delta R.T. 0.006 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion:104 Resp: 40395

Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.7	79.7

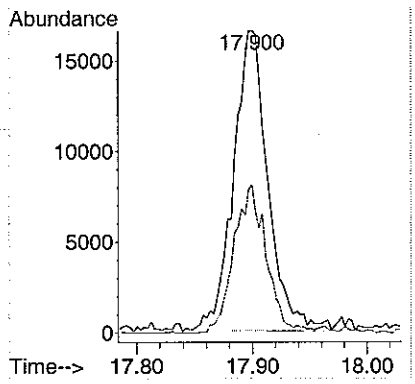


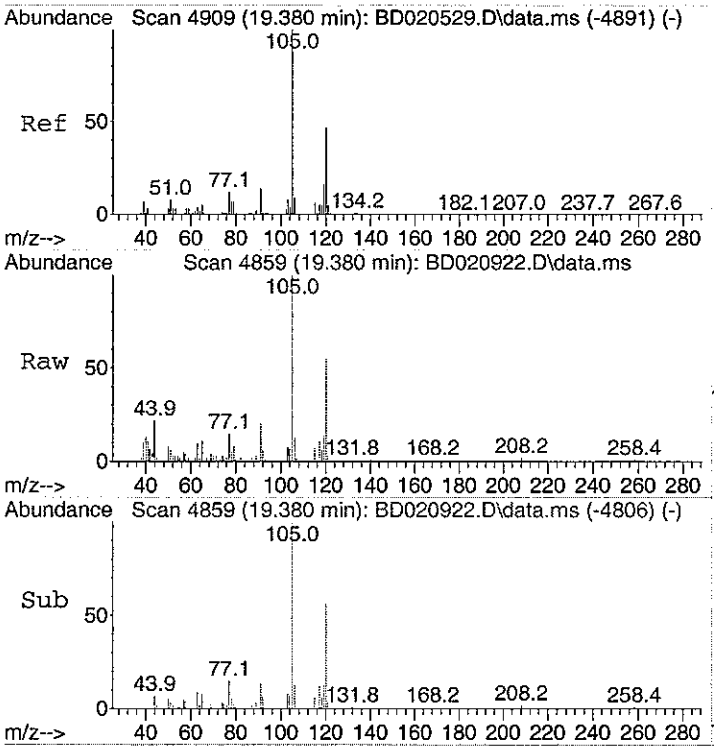


#56
o-xylene
Concen: 0.30 ppb
RT: 17.900 min Scan# 4366
Delta R.T. 0.003 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion: 91 Resp: 34494

Ion	Ratio	Lower	Upper
91	100		
106	47.0	27.2	67.2

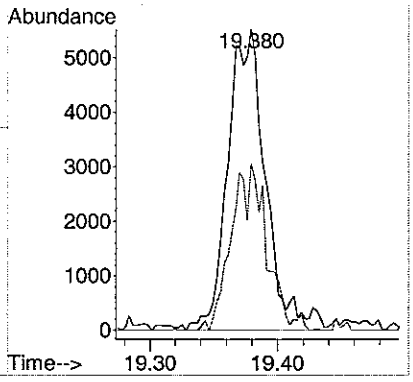




#61
1,2,4-trimethylbenzene
Concen: 0.15 ppb
RT: 19.380 min Scan# 4859
Delta R.T. 0.009 min
Lab File: BD020922.D
Acq: 10 Feb 2008 4:34 am

Tgt Ion:105 Resp: 11346

Ion	Ratio	Lower	Upper
105	100		
120	51.8	29.6	69.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020923.D
Acq On : 10 Feb 2008 5:07 am
Operator :
Sample : C0802002-007A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 13:22:16 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

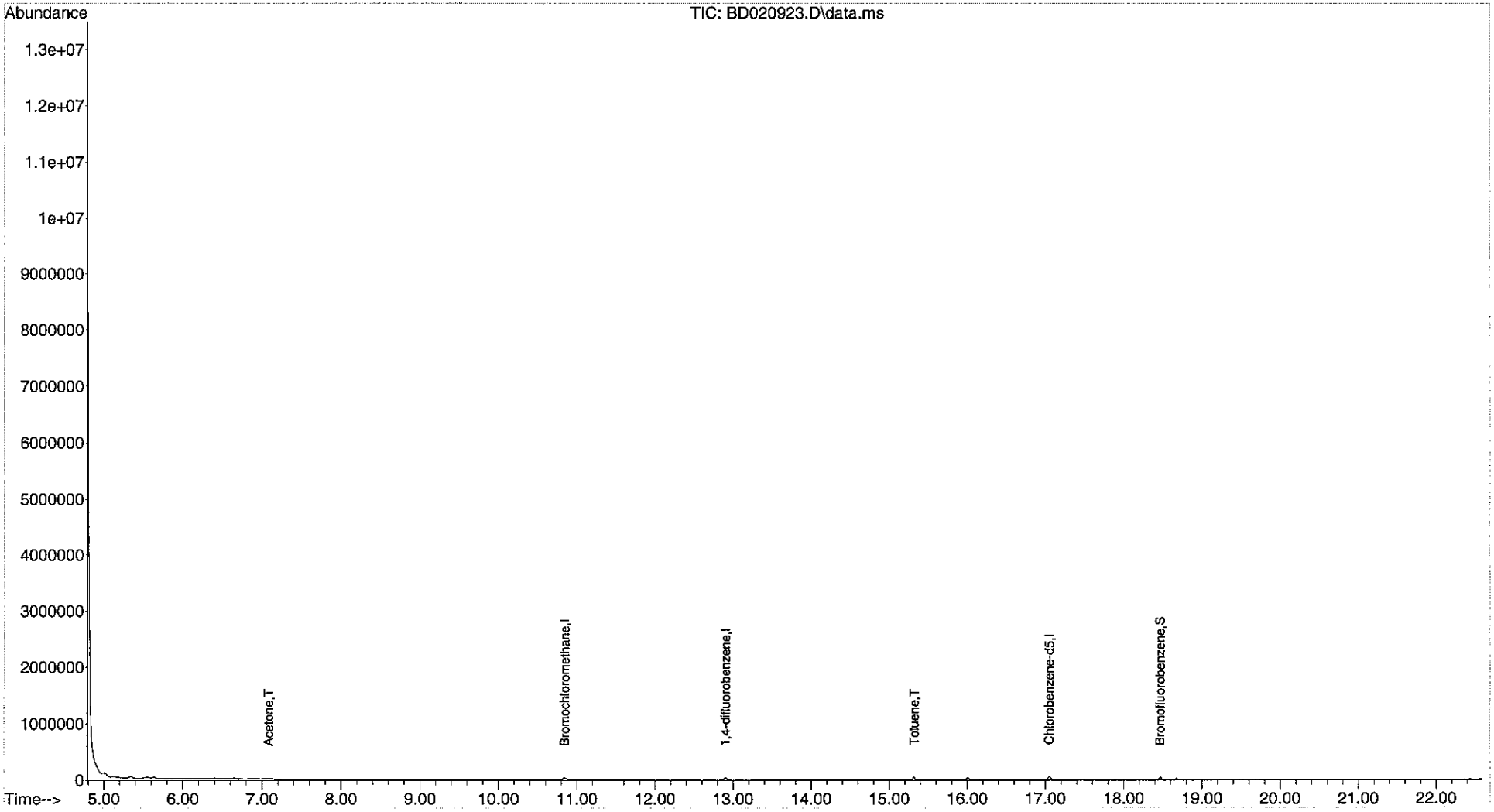
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.842	128	19613	1.00	ppb	# 0.03
30) 1,4-difluorobenzene	12.898	114	45788	1.00	ppb	0.01
44) Chlorobenzene-d5	17.047	117	50140	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.464	95	19037	0.74	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 74.00%			
Target Compounds						Qvalue
12) Acetone	7.080	58	5450	0.34	ppb	93
45) Toluene	15.315	92	26006	0.61	ppb	99

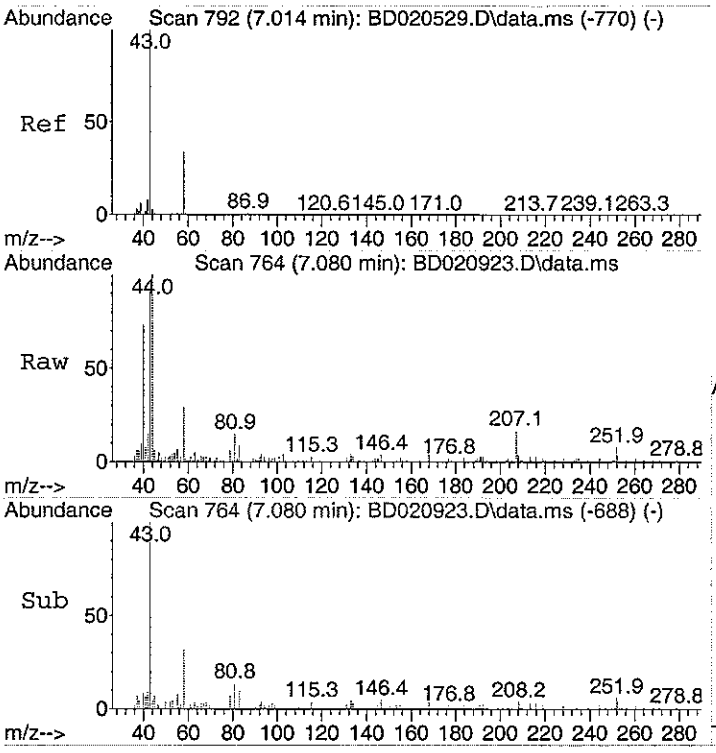
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020923.D
Acq On : 10 Feb 2008 5:07 am
Operator :
Sample : C0802002-007A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 13:22:16 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

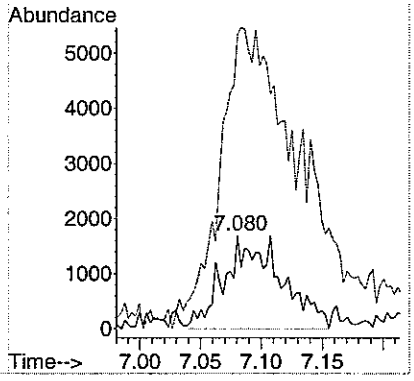


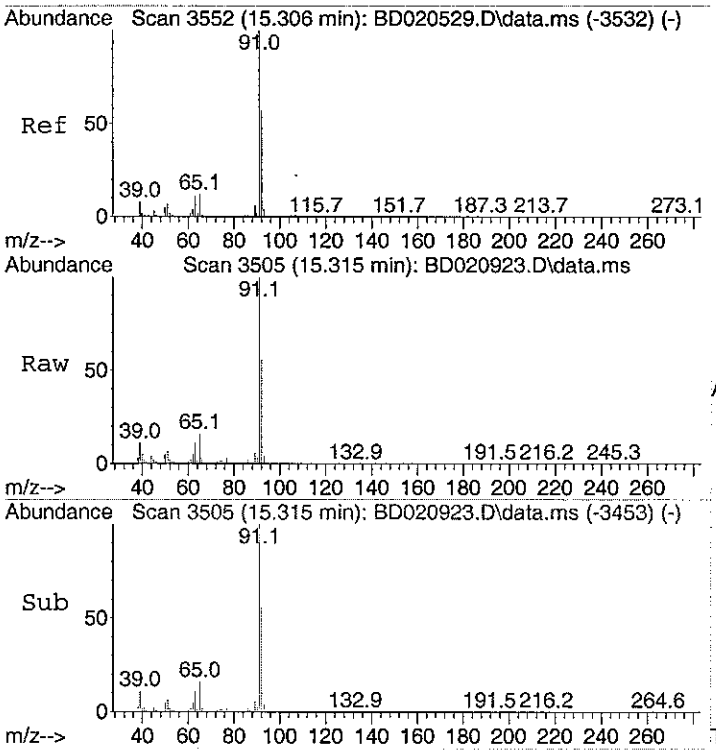


#12
Acetone
Concen: 0.34 ppb
RT: 7.080 min Scan# 764
Delta R.T. 0.078 min
Lab File: BD020923.D
Acq: 10 Feb 2008 5:07 am

Tgt Ion: 58 Resp: 5450

Ion	Ratio	Lower	Upper
58	100		
43	431.6	385.5	445.5

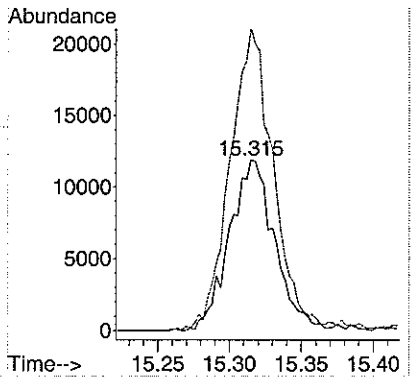




#45
Toluene
Concen: 0.61 ppb
RT: 15.315 min Scan# 3505
Delta R.T. 0.006 min
Lab File: BD020923.D
Acq: 10 Feb 2008 5:07 am

Tgt Ion: 92 Resp: 26006

Ion	Ratio	Lower	Upper
92	100		
91	173.9	153.2	193.2



CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP11-SVI
Lab Order:	C0802002	**Tag Number:**	422, 175
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-008A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	-3			"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2,4-Trimethylbenzene	0.140	0.150	J	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
1,4-Dioxane	ND	0.300		ppbV	1	2/10/2008 6:14:00 AM
2,2,4-trimethylpentane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
4-ethyltoluene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Acetone	4.50	3.00		ppbV	10	2/10/2008 6:47:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Benzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Benzyl chloride	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Bromodichloromethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Bromoform	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Bromomethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Carbon disulfide	0.380	0.150		ppbV	1	2/10/2008 6:14:00 AM
Carbon tetrachloride	ND	0.0400		ppbV	1	2/10/2008 6:14:00 AM
Chlorobenzene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Chloroethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Chloroform	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Chloromethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Cyclohexane	1.09	0.150		ppbV	1	2/10/2008 6:14:00 AM
Dibromochloromethane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Ethyl acetate	0.600	0.250		ppbV	1	2/10/2008 6:14:00 AM
Ethylbenzene	0.300	0.150		ppbV	1	2/10/2008 6:14:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP11-SVI
Lab Order:	C0802002	**Tag Number:**	422, 175
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-008A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.150	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 12	0.250	0.150		ppbV	1	2/10/2008 6:14:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Hexane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
m&p-Xylene	1.02	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl Ethyl Ketone	2.00	3.00	J	ppbV	10	2/10/2008 6:47:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Methylene chloride	0.430	0.150		ppbV	1	2/10/2008 6:14:00 AM
o-Xylene	0.380	0.150		ppbV	1	2/10/2008 6:14:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Styrene	1.00	0.150		ppbV	1	2/10/2008 6:14:00 AM
Tetrachloroethylene	0.150	0.150		ppbV	1	2/10/2008 6:14:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Toluene	25.2	6.00		ppbV	40	2/10/2008 7:20:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Trichloroethene	ND	0.0400		ppbV	1	2/10/2008 6:14:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Vinyl chloride	0.0900	0.0400		ppbV	1	2/10/2008 6:14:00 AM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	2/10/2008 6:14:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.
ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP11-SVI
Lab Order:	C0802002	**Tag Number:**	422, 175
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-008A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 6:14:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 6:14:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 6:14:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 6:14:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 6:14:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 6:14:00 AM
1,2,4-Trimethylbenzene	0.700	0.749	J	ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 6:14:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 6:14:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 6:14:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 6:14:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 6:14:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 6:14:00 AM
Acetone	10.9	7.24		ug/m3	10	2/10/2008 6:47:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 6:14:00 AM
Benzene	ND	0.487		ug/m3	1	2/10/2008 6:14:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 6:14:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 6:14:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 6:14:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 6:14:00 AM
Carbon disulfide	1.20	0.475		ug/m3	1	2/10/2008 6:14:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 6:14:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 6:14:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 6:14:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 6:14:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 6:14:00 AM
Cyclohexane	3.81	0.525		ug/m3	1	2/10/2008 6:14:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 6:14:00 AM
Ethyl acetate	2.20	0.916		ug/m3	1	2/10/2008 6:14:00 AM
Ethylbenzene	1.32	0.662		ug/m3	1	2/10/2008 6:14:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *24-Mar-08*

CLIENT:	MitKem A Division of Spectrum Analytical,	**Client Sample ID:**	828149-GP11-SVI
Lab Order:	C0802002	**Tag Number:**	422, 175
Project:	CDM/G0143	**Collection Date:**	1/30/2008
Lab ID:	C0802002-008A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 11	0.857	0.857		ug/m3	1	2/10/2008 6:14:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 6:14:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 6:14:00 AM
Freon 12	1.26	0.754		ug/m3	1	2/10/2008 6:14:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 6:14:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 6:14:00 AM
Hexane	ND	0.537		ug/m3	1	2/10/2008 6:14:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 6:14:00 AM
m&p-Xylene	4.50	1.32		ug/m3	1	2/10/2008 6:14:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 6:14:00 AM
Methyl Ethyl Ketone	6.00	8.99	J	ug/m3	10	2/10/2008 6:47:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 6:14:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 6:14:00 AM
Methylene chloride	1.52	0.530		ug/m3	1	2/10/2008 6:14:00 AM
o-Xylene	1.68	0.662		ug/m3	1	2/10/2008 6:14:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 6:14:00 AM
Styrene	4.33	0.649		ug/m3	1	2/10/2008 6:14:00 AM
Tetrachloroethylene	1.03	1.03		ug/m3	1	2/10/2008 6:14:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 6:14:00 AM
Toluene	96.5	23.0		ug/m3	40	2/10/2008 7:20:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 6:14:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 6:14:00 AM
Trichloroethene	ND	0.218		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl chloride	0.234	0.104		ug/m3	1	2/10/2008 6:14:00 AM

Qualifiers:

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JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020925.D
Acq On : 10 Feb 2008 6:14 am
Operator :
Sample : C0802002-008A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 11:14:57 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

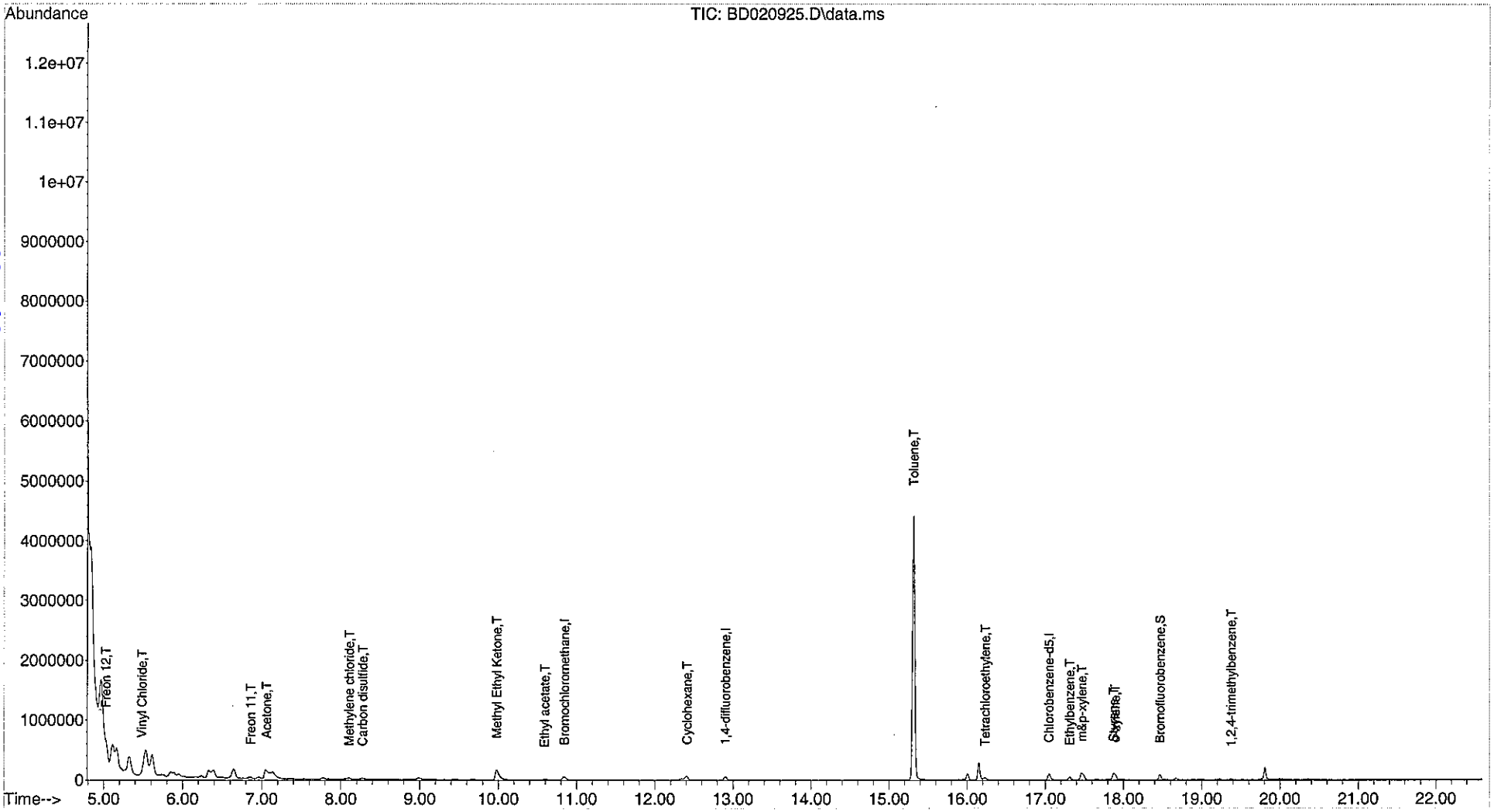
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.842	128	23214	1.00	ppb	#	0.03
30) 1,4-difluorobenzene	12.901	114	55511	1.00	ppb		0.02
44) Chlorobenzene-d5	17.047	117	68977	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.467	95	31812	0.90	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 90.00%				
Target Compounds							Qvalue
3) Freon 12	5.027	85	52825	0.25	ppb		100
6) Vinyl Chloride	5.486	62	3883m	0.09	ppb		
11) Freon 11	6.858	101	30497	0.15	ppb		93
12) Acetone	7.059	58	81233	4.32	ppb		94
16) Methylene chloride	8.101	84	18556	0.43	ppb	#	85
18) Carbon disulfide	8.275	76	49037	0.38	ppb		97
23) Methyl Ethyl Ketone	9.977	43	316069	4.51	ppb	#	52
26) Ethyl acetate	10.589	43	30065	0.60	ppb		95
32) Cyclohexane	12.409	56	35893	1.09	ppb	#	79
45) Toluene	15.312	92	2289994	38.75	ppb		96
50) Tetrachloroethylene	16.230	164	7850	0.15	ppb		98
52) Ethylbenzene	17.311	91	32743	0.30	ppb		99
53) m&p-xylene	17.467	91	105321	1.02	ppb		97
54) Styrene	17.872	104	58981	1.00	ppb		81
56) o-xylene	17.893	91	43710	0.38	ppb		100
61) 1,2,4-trimethylbenzene	19.373	105	10565	0.14	ppb		99

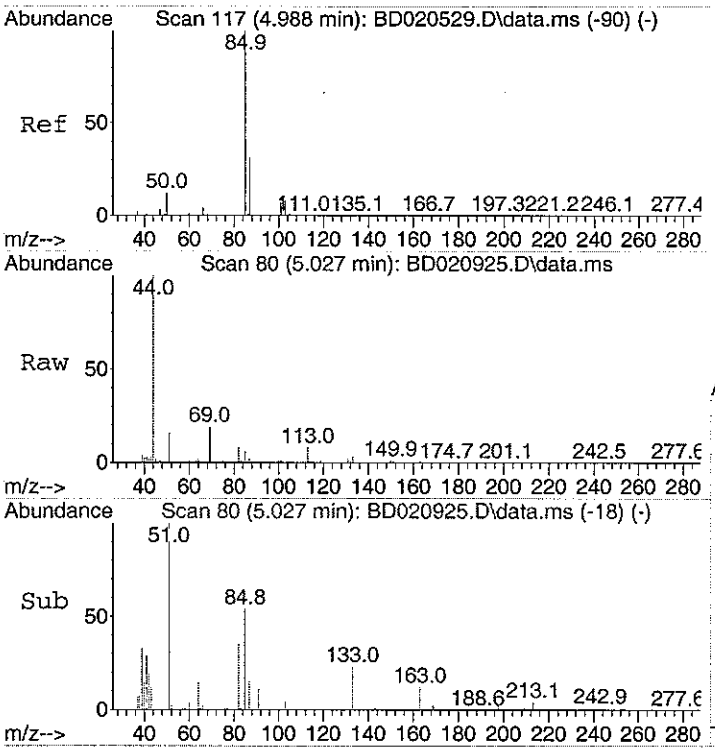
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020925.D
Acq On : 10 Feb 2008 6:14 am
Operator :
Sample : C0802002-008A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 11:14:57 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

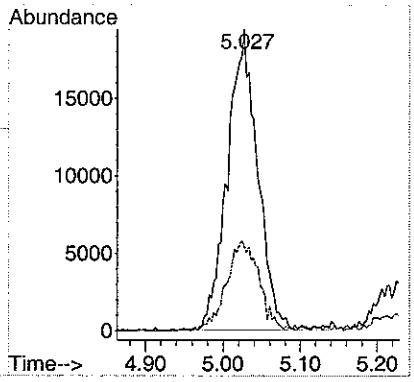


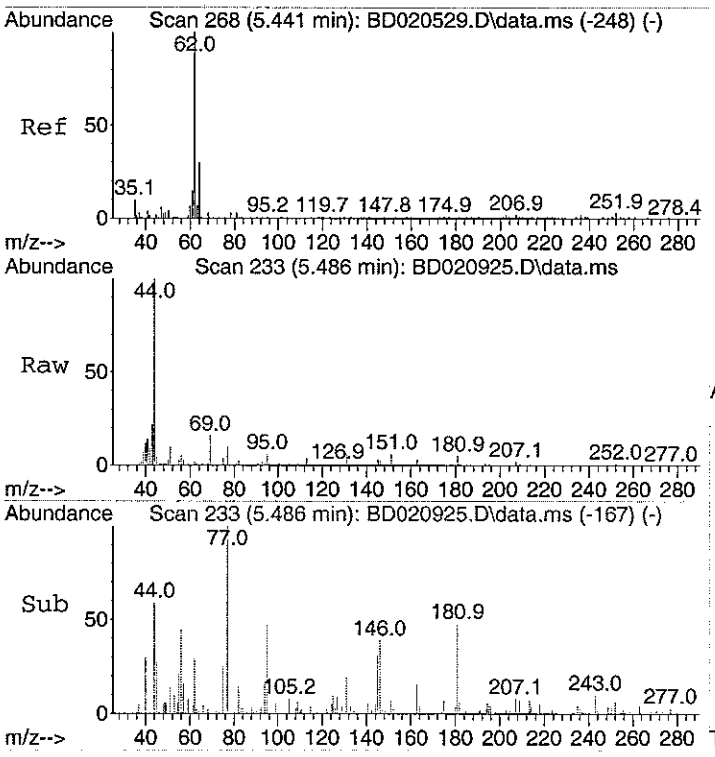


#3
Freon 12
Concen: 0.25 ppb
RT: 5.027 min Scan# 80
Delta R.T. 0.036 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 85 Resp: 52825

Ion	Ratio	Lower	Upper
85	100		
87	32.4	12.5	52.5

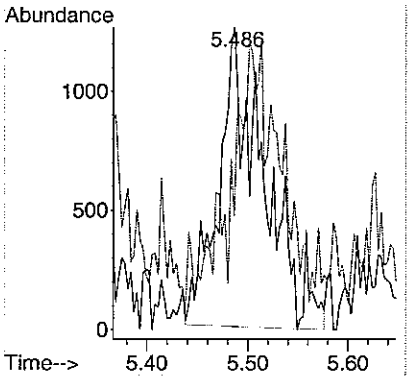


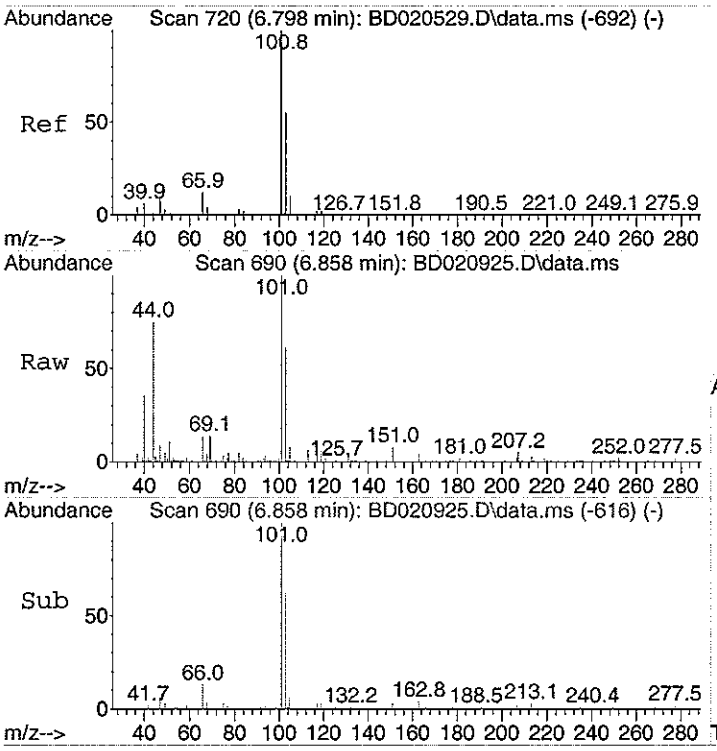


#6
Vinyl Chloride
Concen: 0.09 ppb m
RT: 5.486 min Scan# 233
Delta R.T. 0.048 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 62 Resp: 3883

Ion	Ratio	Lower	Upper
62	100		
64	12.1	4.5	64.5

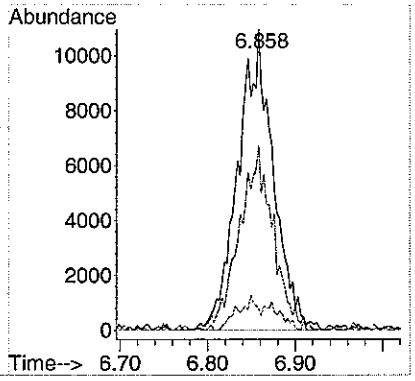


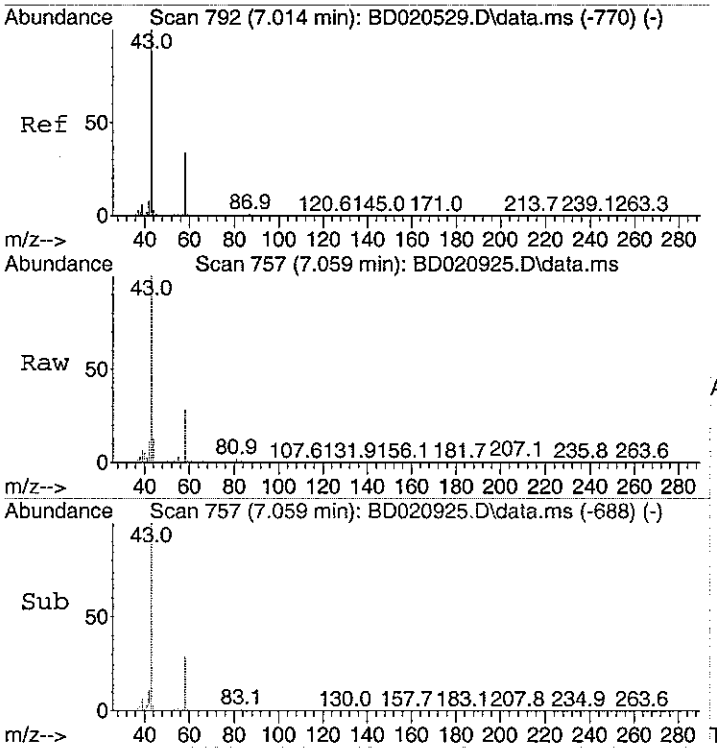


#11
Freon 11
Concen: 0.15 ppb
RT: 6.858 min Scan# 690
Delta R.T. 0.072 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion:101 Resp: 30497

Ion	Ratio	Lower	Upper
101	100		
103	59.0	45.3	85.3
105	11.0	0.0	30.8

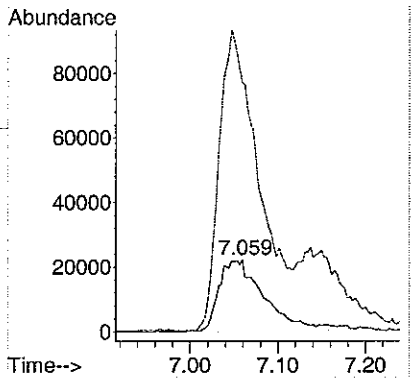


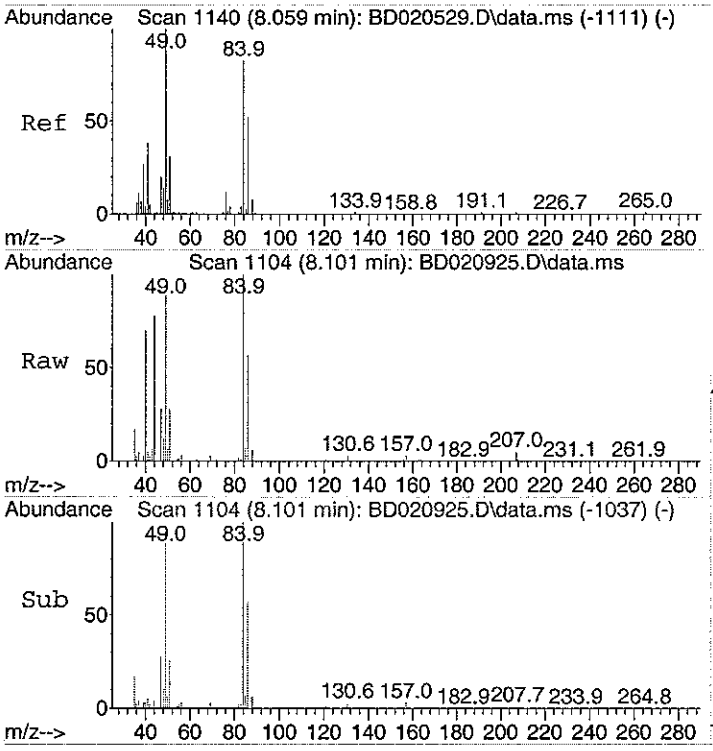


#12
Acetone
Concen: 4.32 ppb
RT: 7.059 min Scan# 757
Delta R.T. 0.057 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 58 Resp: 81233

Ion	Ratio	Lower	Upper
58	100		
43	430.8	385.5	445.5

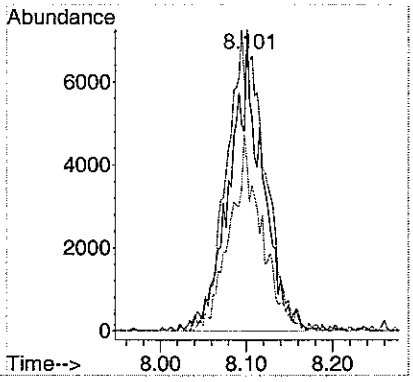


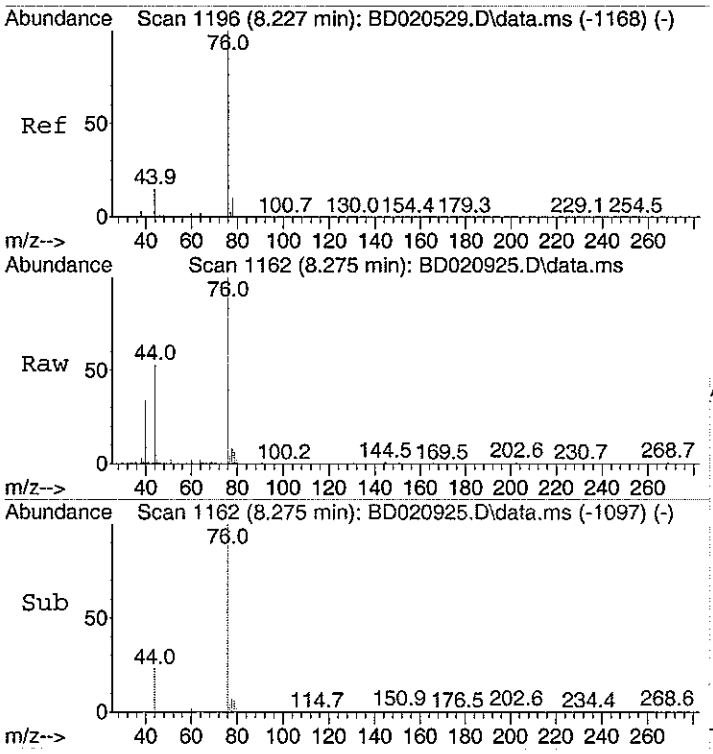


#16
Methylene chloride
Concen: 0.43 ppb
RT: 8.101 min Scan# 1104
Delta R.T. 0.051 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 84 Resp: 18556

Ion	Ratio	Lower	Upper
84	100		
49	117.8	123.8	163.8#
86	64.4	45.6	85.6

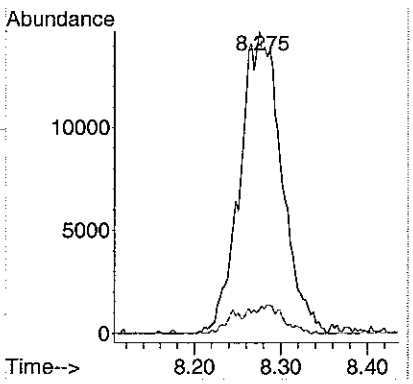


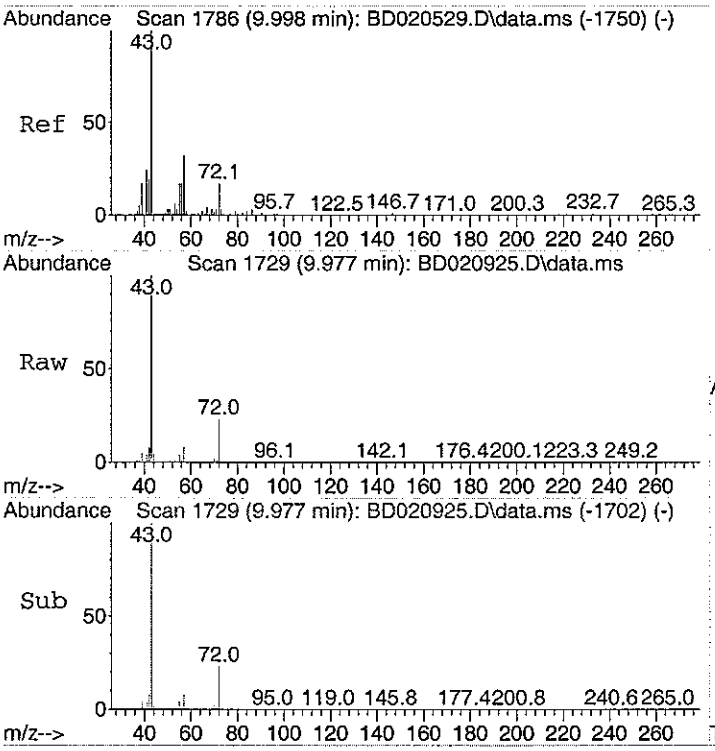


#18
Carbon disulfide
Concen: 0.38 ppb
RT: 8.275 min Scan# 1162
Delta R.T. 0.045 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 76 Resp: 49037

Ion	Ratio	Lower	Upper
76	100		
78	10.4	0.0	29.2

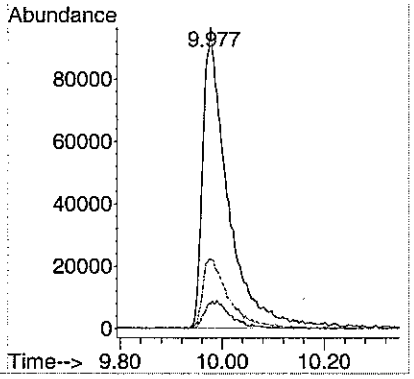


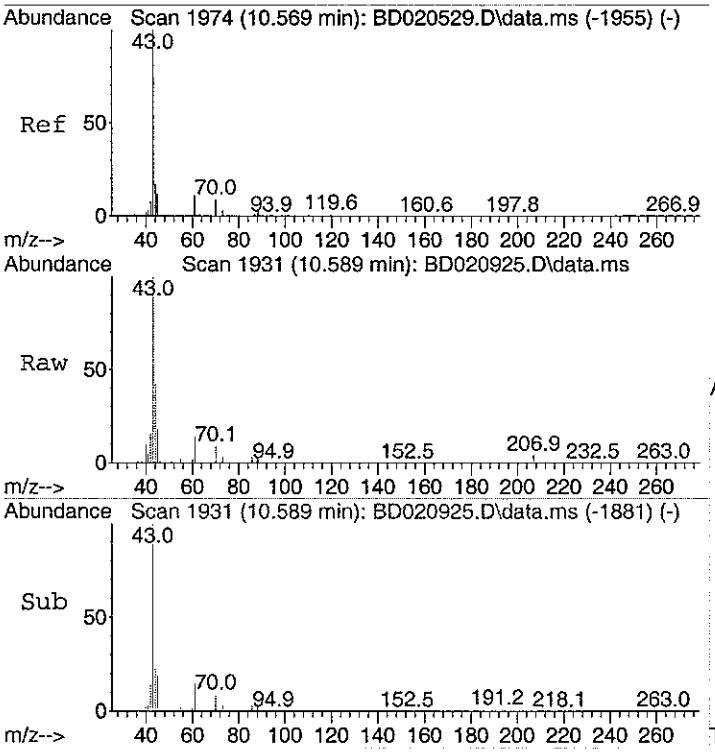


#23
Methyl Ethyl Ketone
Concen: 4.51 ppb
RT: 9.977 min Scan# 1729
Delta R.T. -0.069 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 43 Resp: 316069

Ion	Ratio	Lower	Upper
43	100		
57	10.1	25.2	65.2#
72	24.4	0.0	32.9

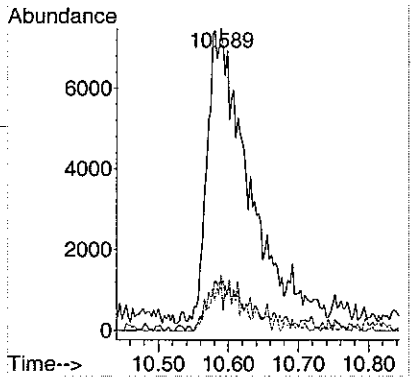


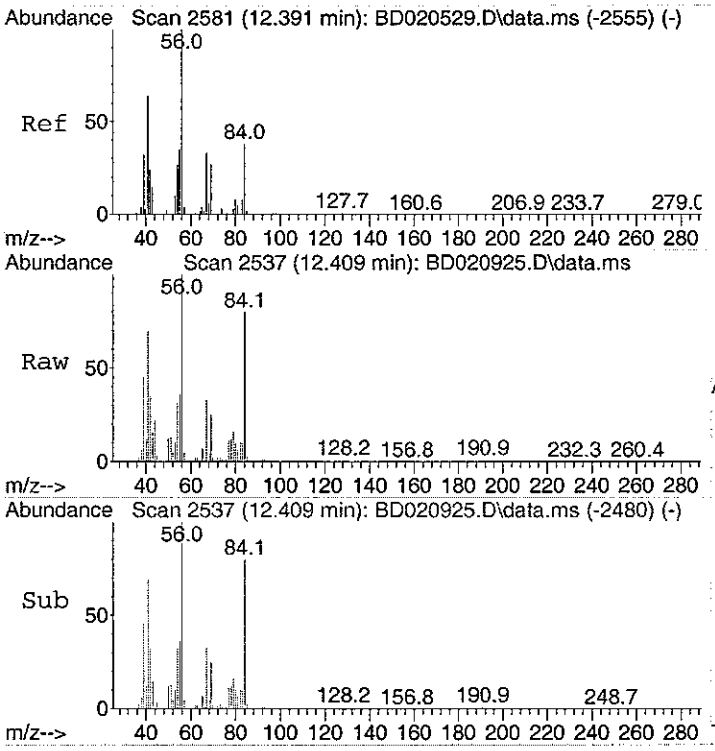


#26
Ethyl acetate
Concen: 0.60 ppb
RT: 10.589 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 43 Resp: 30065

Ion	Ratio	Lower	Upper
43	100		
45	17.1	0.0	33.7
61	13.2	0.0	32.5

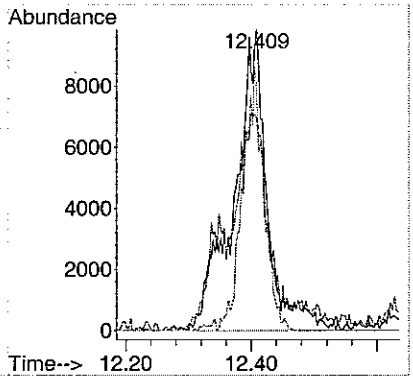


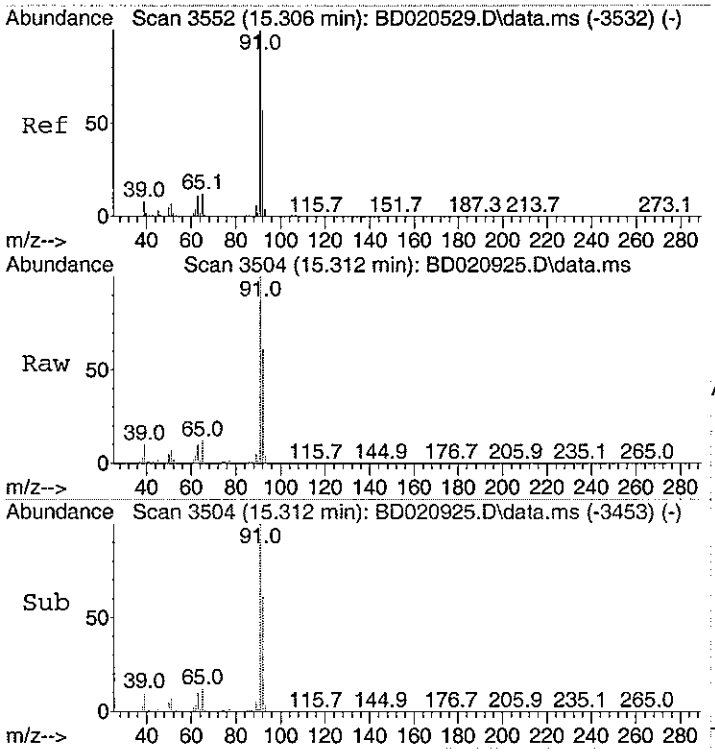


#32
Cyclohexane
Concen: 1.09 ppb
RT: 12.409 min Scan# 2537
Delta R.T. 0.021 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 56 Resp: 35893

Ion	Ratio	Lower	Upper
56	100		
41	92.8	57.7	97.7
84	56.2	58.0	98.0#

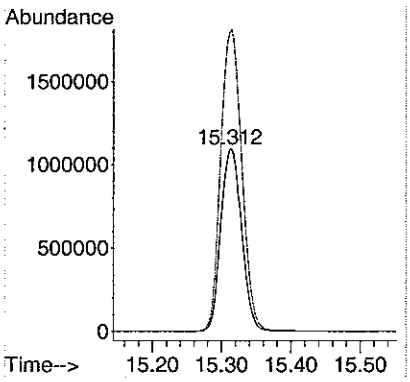


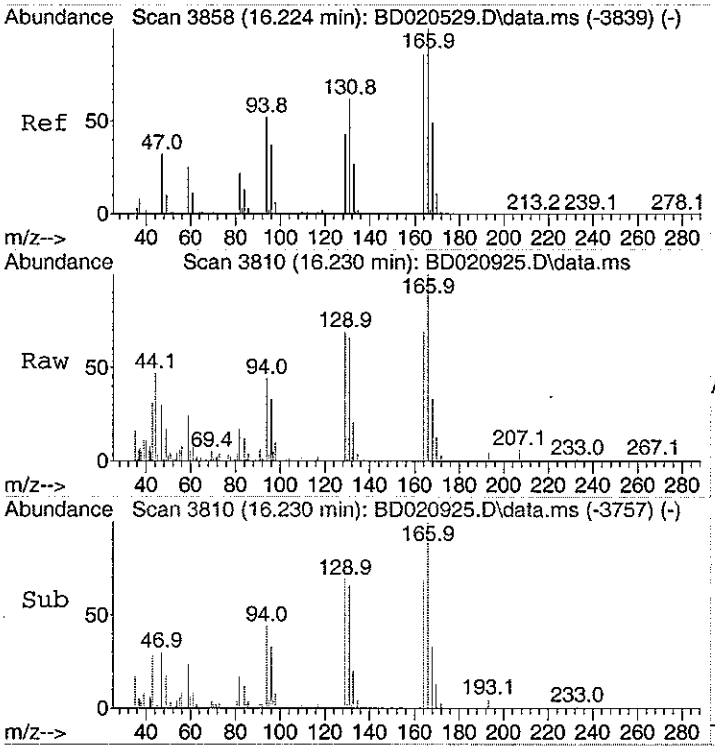


#45
Toluene
Concen: 38.75 ppb
RT: 15.312 min Scan# 3504
Delta R.T. 0.003 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 92 Resp: 2289994

Ion	Ratio	Lower	Upper
92	100		
91	167.1	153.2	193.2

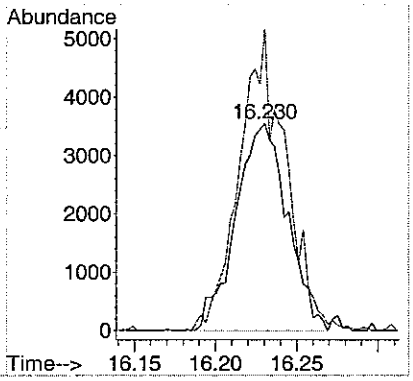


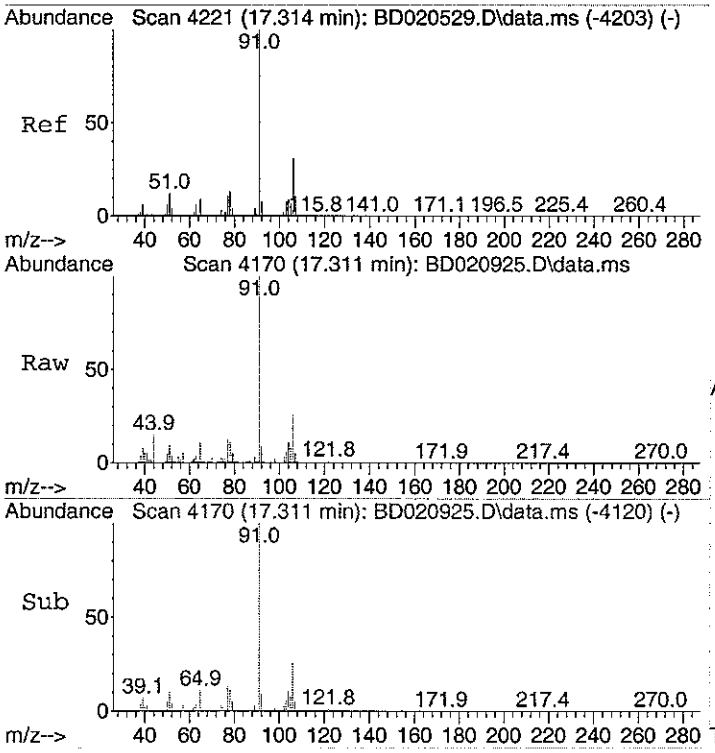


#50
Tetrachloroethylene
Concen: 0.15 ppb
RT: 16.230 min Scan# 3810
Delta R.T. 0.009 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion:164 Resp: 7850

Ion	Ratio	Lower	Upper
164	100		
166	130.0	107.9	147.9

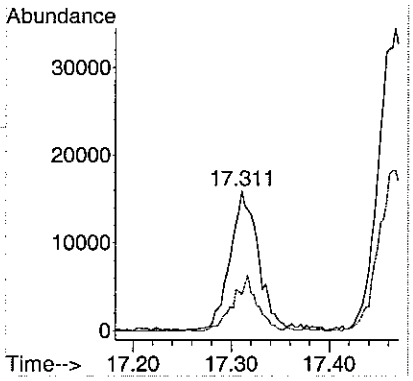


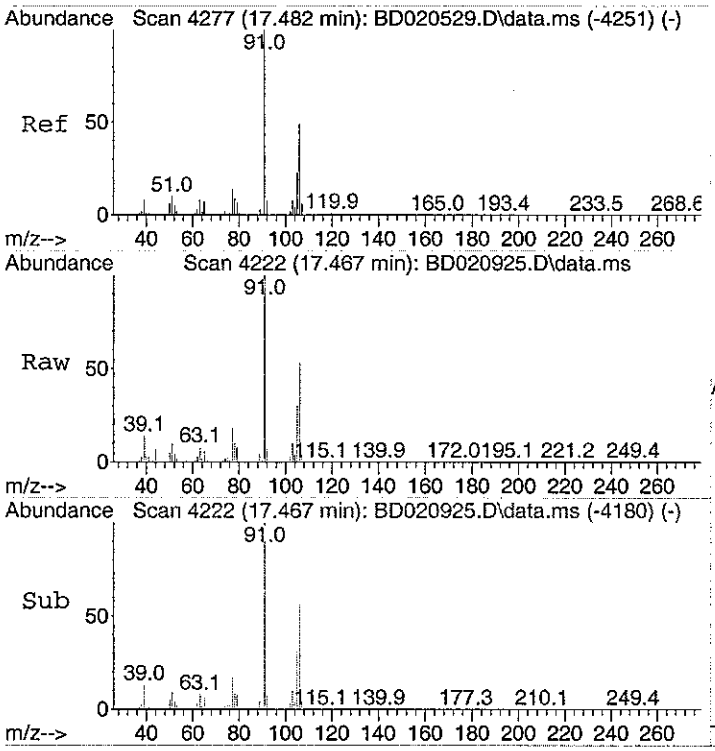


#52
Ethylbenzene
Concen: 0.30 ppb
RT: 17.311 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 91 Resp: 32743

Ion	Ratio	Lower	Upper
91	100		
106	31.6	11.3	51.3

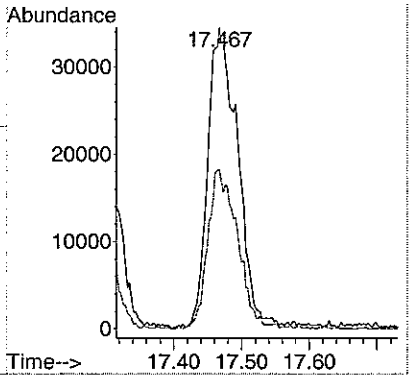


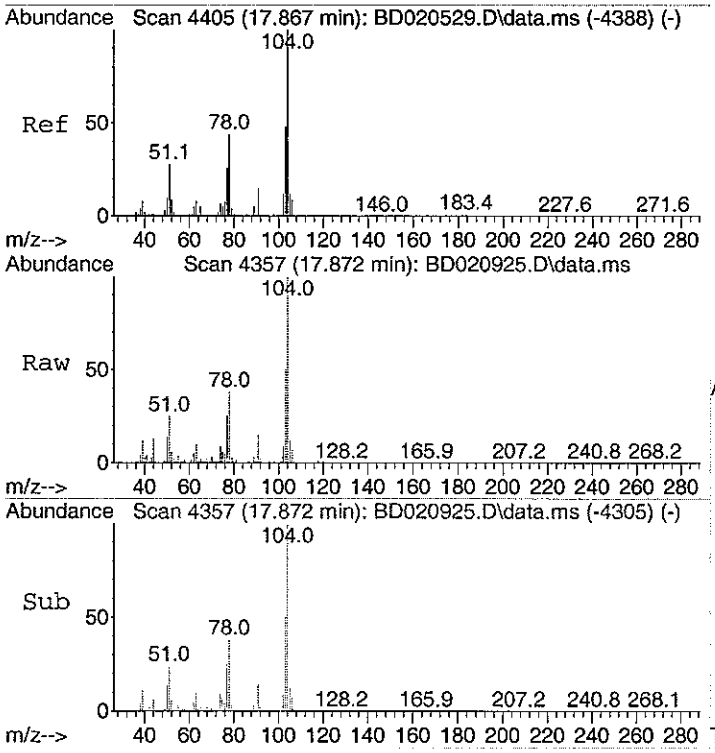


#53
m&p-xylene
Concen: 1.02 ppb
RT: 17.467 min Scan# 4222
Delta R.T. -0.024 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 91 Resp: 105321

Ion	Ratio	Lower	Upper
91	100		
106	52.7	30.4	70.4

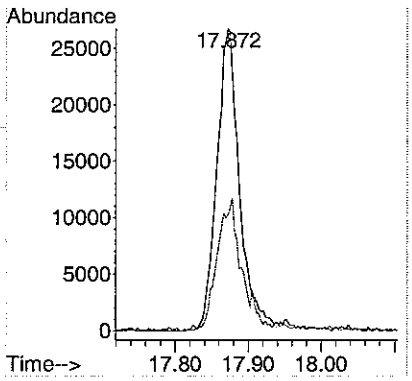


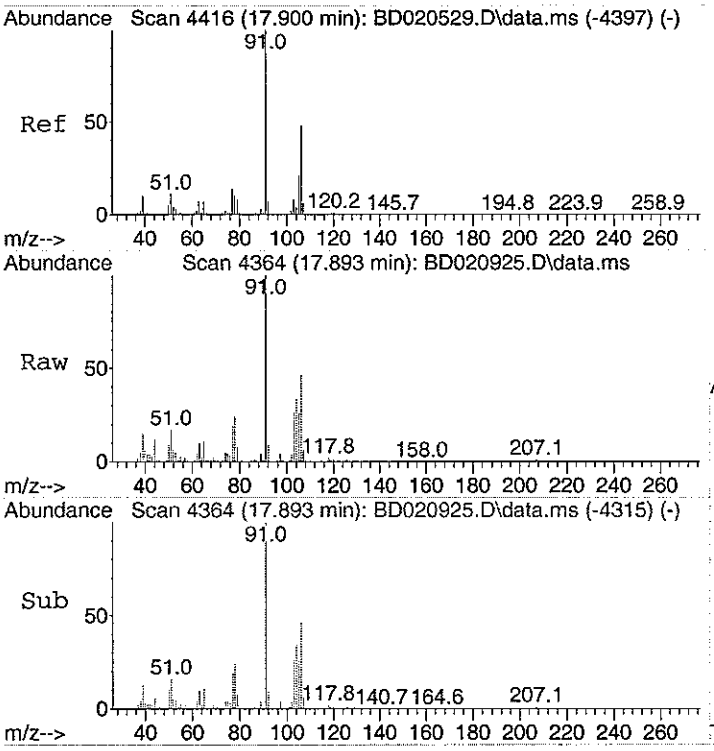


#54
Styrene
Concen: 1.00 ppb
RT: 17.872 min Scan# 4357
Delta R.T. 0.006 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion:104 Resp: 58981

Ion	Ratio	Lower	Upper
104	100		
78	45.7	39.7	79.7

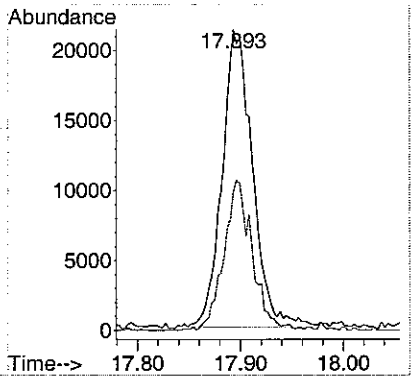


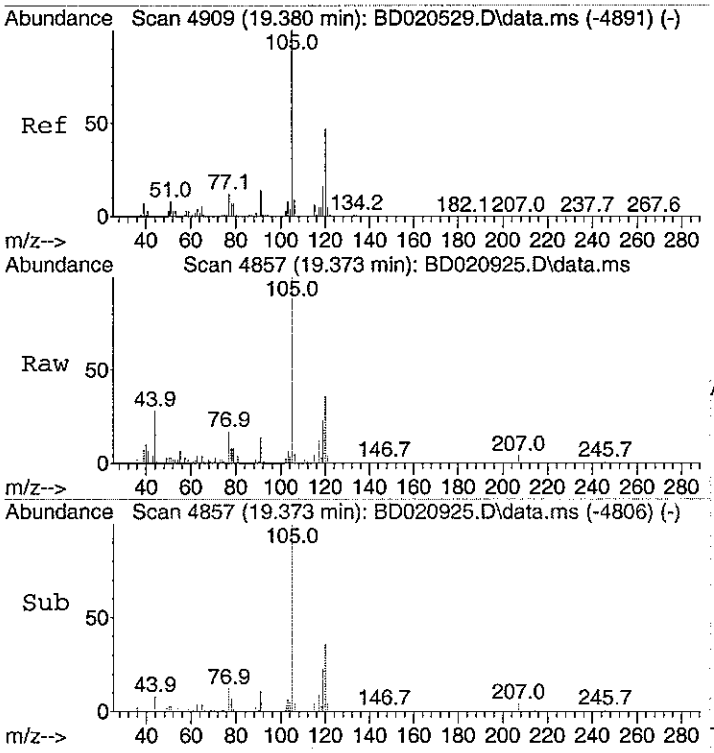


#56
o-xylene
Concen: 0.38 ppb
RT: 17.893 min Scan# 4364
Delta R.T. -0.003 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion: 91 Resp: 43710

Ion	Ratio	Lower	Upper
91	100		
106	47.0	27.2	67.2

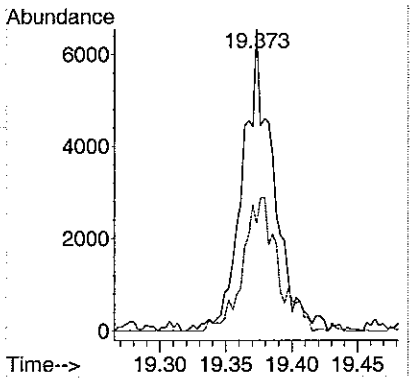




#61
1,2,4-trimethylbenzene
Concen: 0.14 ppb
RT: 19.373 min Scan# 4857
Delta R.T. 0.003 min
Lab File: BD020925.D
Acq: 10 Feb 2008 6:14 am

Tgt Ion:105 Resp: 10565

Ion	Ratio	Lower	Upper
105	100		
120	50.4	29.6	69.6



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020926.D
Acq On : 10 Feb 2008 6:47 am
Operator :
Sample : C0802002-008A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 13:24:35 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

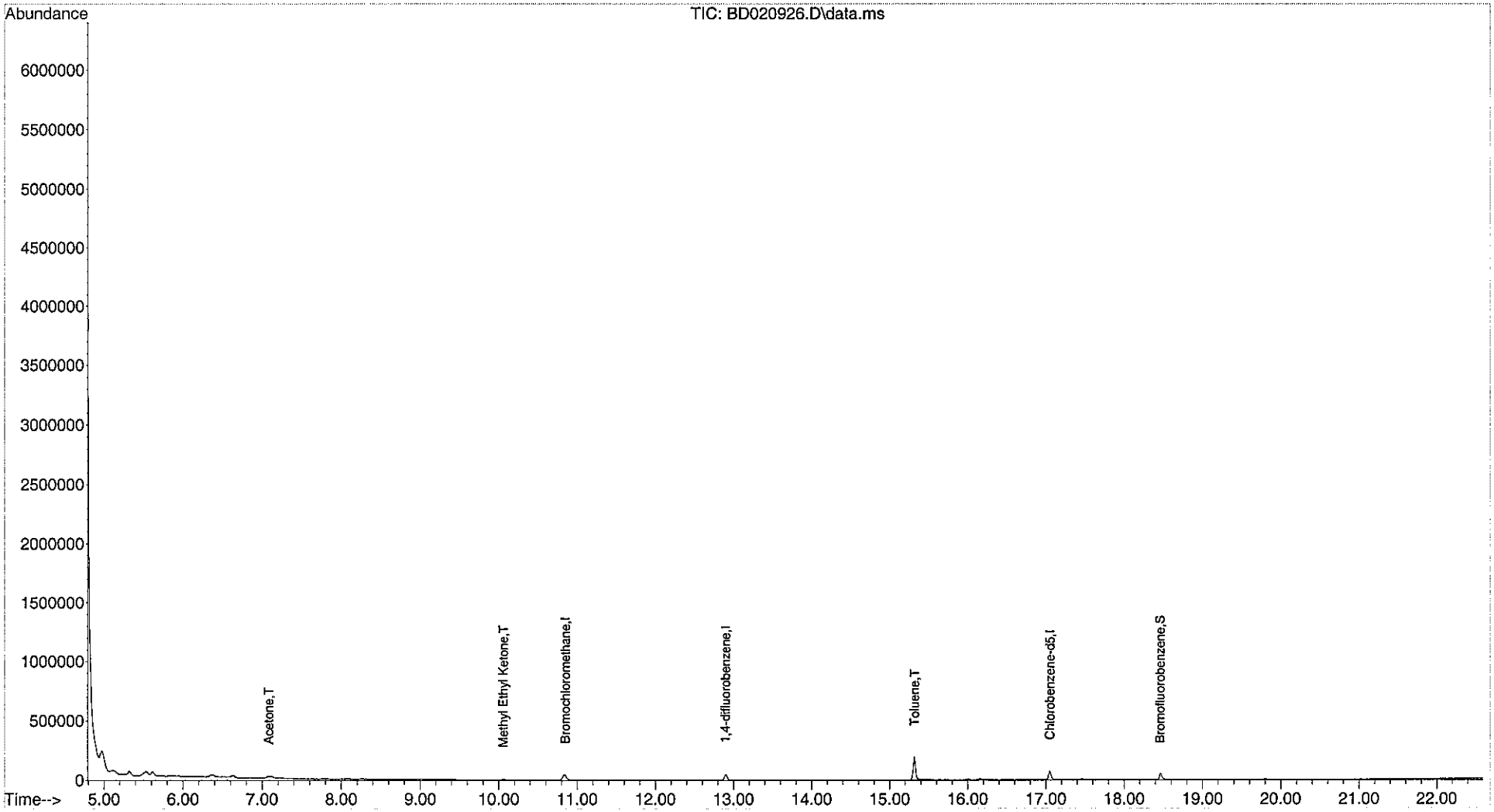
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.845	128	20733	1.00	ppb	#	0.03
30) 1,4-difluorobenzene	12.895	114	46347	1.00	ppb		0.00
44) Chlorobenzene-d5	17.050	117	51140	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.458	95	19902	0.76	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 76.00%				
Target Compounds							Qvalue
12) Acetone	7.080	58	7529	0.45	ppb		89
23) Methyl Ethyl Ketone	10.055	43	12304	0.20	ppb	#	52
45) Toluene	15.315	92	93196	2.13	ppb		100

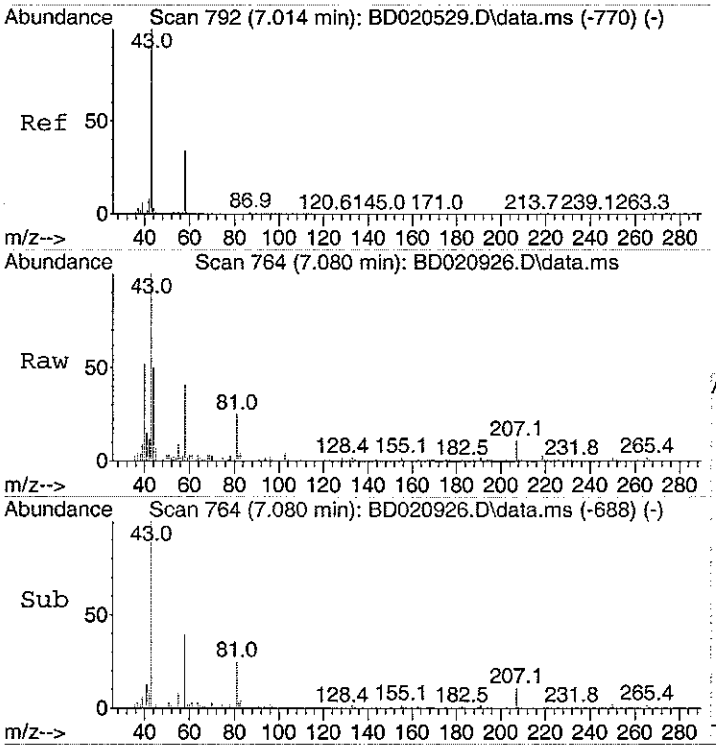
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020926.D
Acq On : 10 Feb 2008 6:47 am
Operator :
Sample : C0802002-008A 10X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 13:24:35 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

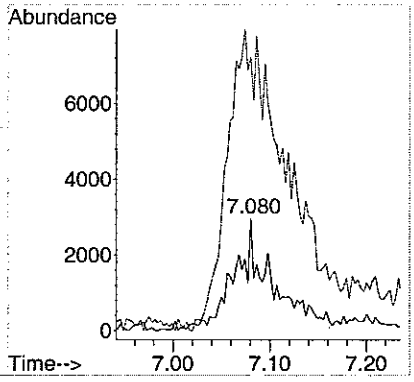


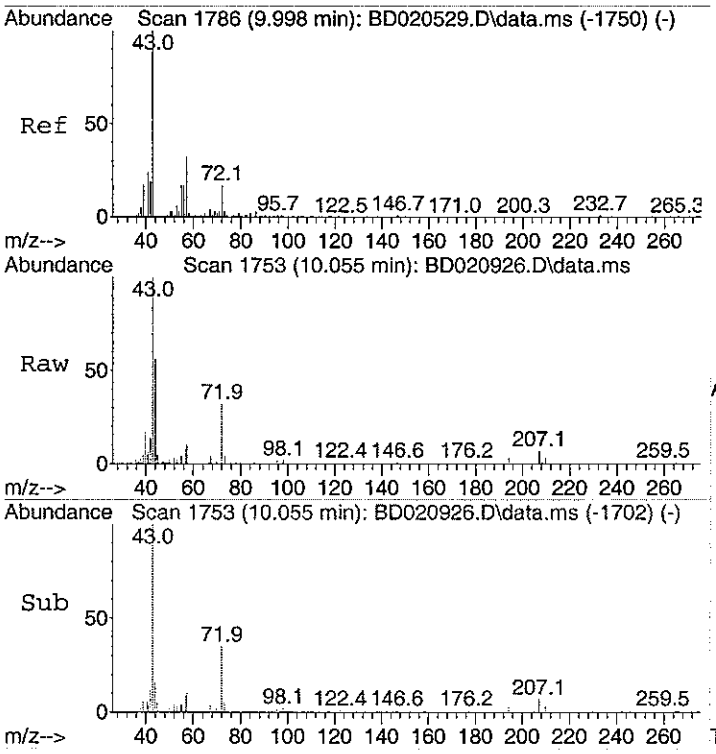


#12
Acetone
Concen: 0.45 ppb
RT: 7.080 min Scan# 764
Delta R.T. 0.078 min
Lab File: BD020926.D
Acq: 10 Feb 2008 6:47 am

Tgt Ion: 58 Resp: 7529

Ion	Ratio	Lower	Upper
58	100		
43	442.3	385.5	445.5

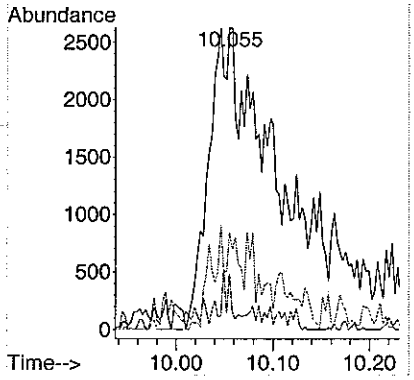


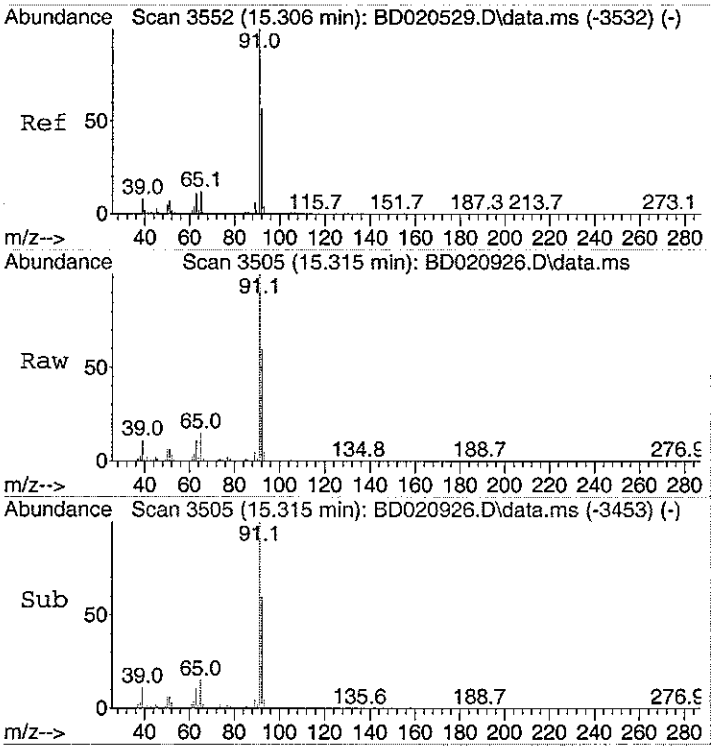


#23
Methyl Ethyl Ketone
Concen: 0.20 ppb
RT: 10.055 min Scan# 1753
Delta R.T. 0.009 min
Lab File: BD020926.D
Acq: 10 Feb 2008 6:47 am

Tgt Ion: 43 Resp: 12304

Ion	Ratio	Lower	Upper
43	100		
57	4.7	25.2	65.2#
72	13.1	0.0	32.9

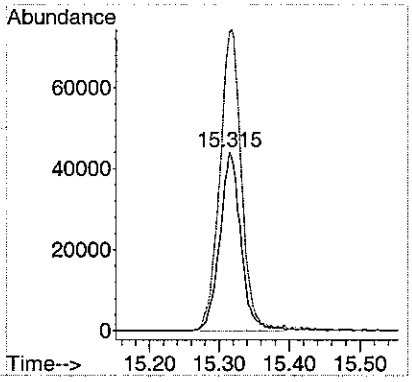




#45
Toluene
Concen: 2.13 ppb
RT: 15.315 min Scan# 3505
Delta R.T. 0.006 min
Lab File: BD020926.D
Acq: 10 Feb 2008 6:47 am

Tgt Ion: 92 Resp: 93196

Ion	Ratio	Lower	Upper
92	100		
91	173.3	153.2	193.2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020927.D
Acq On : 10 Feb 2008 7:20 am
Operator :
Sample : C0802002-008A 40X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 13:26:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

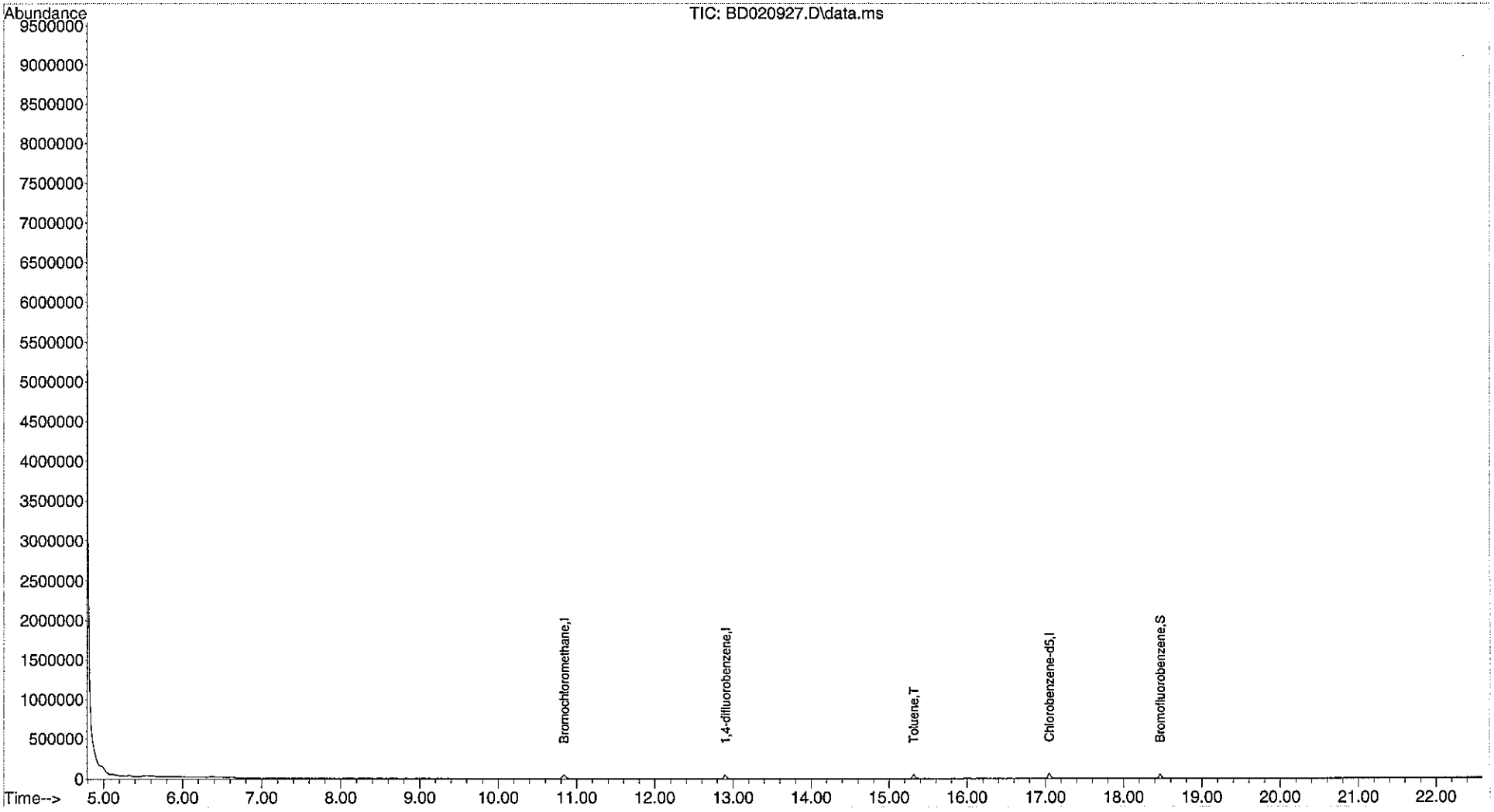
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.839	128	19586	1.00	ppb	# 0.02
30) 1,4-difluorobenzene	12.904	114	42303	1.00	ppb	0.02
44) Chlorobenzene-d5	17.050	117	47375	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.467	95	17831	0.74	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 74.00%			
Target Compounds						Qvalue
45) Toluene	15.312	92	25566	0.63	ppb	99

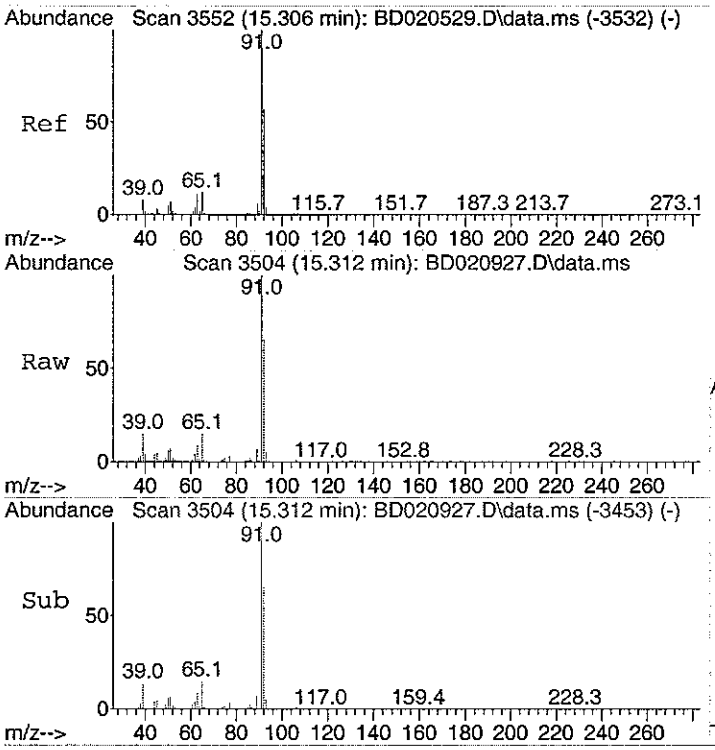
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020927.D
Acq On : 10 Feb 2008 7:20 am
Operator :
Sample : C0802002-008A 40X
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 13:26:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

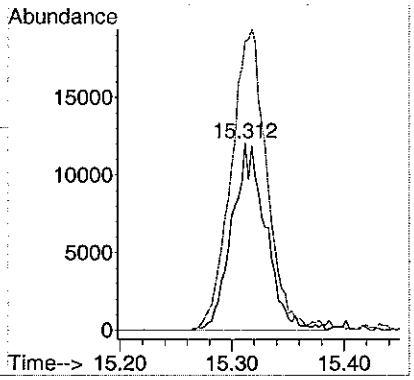




#45
Toluene
Concen: 0.63 ppb
RT: 15.312 min Scan# 3504
Delta R.T. 0.003 min
Lab File: BD020927.D
Acq: 10 Feb 2008 7:20 am

Tgt Ion: 92 Resp: 25566

Ion	Ratio	Lower	Upper
92	100		
91	171.4	153.2	193.2



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

STANDARDS DATA

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

INITIAL CALIBRATION

Response Factor Report MSD #2

Method Path : C:\msdchem\1\METHODS\
Method File : B205D_1UT.M
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 28 14:05:11 2008
Response Via : Initial Calibration

Calibration Files
0.04=BD020528.D 0.1 =BD020525.D 0.15=BD020524.D 0.30=BD020523.D 0.50=BD020522.D 0.75=BD020521.D 1 =BD020529.D
1.25=BD020530.D 1.50=BD020531.D 2 =BD020532.D

		Compound	0.04	0.1	0.15	0.30	0.50	0.75	1	1.25	1.50	2	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------											
2)	T	Propylene		2.330	1.651	1.869	0.857	1.472	1.303	1.392	1.373	1.531		28.38
3)	T	Freon 12		1.392	1.126	1.064	0.587	0.946	0.770	0.771	0.745	0.925	E1	28.11
4)	T	Chloromethane		3.437	3.106	2.906	1.616	2.504	2.060	2.119	1.920	2.459		25.97
5)	T	Freon 114		1.249	0.955	0.946	0.503	0.827	0.678	0.663	0.660	0.810	E1	29.07
6)	T	Vinyl Chloride	1.966	2.970	2.344	2.263	1.223	1.864	1.567	1.610	1.457	1.918		28.12
7)	T	1,3-butadiene		2.094	1.736	1.516	0.921	1.356	1.321	1.232	1.194	1.421		25.39
8)	T	Bromomethane		2.957	2.409	2.533	1.227	2.116	1.775	1.733	1.633	2.048		27.48
9)	T	Chloroethane		1.168	0.993	0.960	0.561	0.889	0.696	0.704	0.685	0.832		24.37
10)	T	Vinyl Bromide		2.982	2.103	2.131	1.220	1.960	1.592	1.564	1.564	1.890		28.64
11)	T	Freon 11		1.437	1.081	0.877	0.589	0.818	0.774	0.773	0.759	0.889	E1	29.32
12)	T	Acetone		1.218	0.789	0.982	0.468	0.847	0.824	0.551	0.798	0.809		28.86
13)	T	Isopropyl alcohol		2.325	2.137	1.771	1.151	1.276	1.419	1.564	1.017	1.583		29.44
14)	T	1,1-dichloroet...		1.958	1.490	1.412	0.927	1.273	1.059	1.160	1.112	1.299		24.95
15)	T	Freon 113		7.329	5.522	5.668	3.205	4.936	3.890	3.895	3.829	4.784		28.29
16)	T	Methylene chlo...		2.869	2.261	2.178	1.205	1.919	1.540	1.481	1.512	1.871		29.14
17)	T	Allyl chloride		1.927	1.420	1.403	0.883	1.308	1.083	1.099	1.113	1.280		24.91
18)	T	Carbon disulfide		8.593	6.635	6.281	3.606	5.639	4.428	4.444	4.487	5.514		29.37
19)	T	trans-1,2-dich...		2.658	1.941	1.920	1.120	1.788	1.440	1.439	1.501	1.726		27.17
20)	T	methyl tert-bu...		2.684	1.941	2.282	1.207	2.250	1.848	1.907	2.029	2.019		21.12
21)	T	1,1-dichloroet...		5.475	3.781	4.055	2.228	3.696	2.867	2.920	2.921	3.493		28.67
22)	T	Vinyl acetate		2.417	1.769	1.806	1.065	1.844	1.464	1.566	1.606	1.692		22.74
23)	T	Methyl Ethyl K...			3.408	3.464	1.995	3.643	2.586	2.957	3.093	3.021		19.03
24)	T	cis-1,2-dichlo...		2.164	1.731	1.801	1.012	1.778	1.352	1.379	1.437	1.582		22.51
25)	T	Hexane		1.788	1.569	1.708	0.937	1.787	1.414	1.505	1.510	1.527		18.05
26)	T	Ethyl acetate		2.785	2.210	2.484	1.365	2.566	1.960	1.914	1.935	2.152		21.12
27)	T	Chloroform		6.772	4.965	5.037	2.748	4.597	3.526	3.516	3.524	4.335		29.44
28)	T	Tetrahydrofuran		1.302	0.775	0.878	0.566	0.855	0.632	0.660	0.727	0.799		28.77
29)	T	1,2-dichloroet...		3.985	2.965	3.104	1.682	2.876	2.151	2.132	2.185	2.635		27.99
30)	I	1,4-difluorobenzene	----------ISTD----------											
31)	T	1,1,1-trichlor...		2.622	2.038	2.084	1.091	1.837	1.389	1.355	1.348	1.721		29.78
32)	T	Cyclohexane		0.708	0.564	0.663	0.336	0.714	0.547	0.580	0.637	0.594		20.56
33)	T	Carbon tetrach...	2.212	1.940	3.085	2.437	2.469	1.270	2.247	1.660	1.655	1.611	2.059	26.02
34)	T	Benzene		2.207	1.642	1.778	0.927	1.724	1.292	1.416	1.455	1.555		24.36
35)	T	1,4-dioxane			0.153	0.178	0.096	0.179	0.162	0.154	0.161	0.155		18.10
36)	T	2,2,4-trimethy...		2.482	1.952	2.324	1.175	2.555	1.855	1.917	2.131	2.049		21.48
37)	T	Heptane		0.799	0.637	0.738	0.386	0.857	0.639	0.672	0.722	0.681		20.82
38)	T	Trichloroethene	0.839	0.686	1.071	0.901	0.965	0.475	0.922	0.687	0.683	0.691	0.792	22.42
39)	T	1,2-dichloropr...			1.012	0.823	0.902	0.467	0.877	0.608	0.626	0.642	0.745	24.87

Method Path : C:\msdchem\1\METHODS\
Method File : B205D_1UT.M
Title : TO-15 VOA Standards for 5 point calibration

40)	T	Bromodichlorom...			2.567	1.946	2.093	1.057	1.987	1.436	1.438	1.447	1.747	27.79
41)	T	cis-1,3-dichlo...			0.979	0.755	0.957	0.462	0.994	0.750	0.772	0.829	0.812	21.51
42)	T	trans-1,3-dich...			0.806	0.658	0.721	0.366	0.699	0.519	0.553	0.565	0.611	22.66
43)	T	1,1,2-trichlor...			1.482	1.062	1.185	0.581	1.071	0.790	0.774	0.784	0.966	29.88
44)	I	Chlorobenzene-d5	----------ISTD----------											
45)	T	Toluene			1.011	0.850	0.907	0.471	1.064	0.805	0.825	0.921	0.857	20.98
46)	T	Methyl Isobuty...			1.168	0.846	0.911	0.476	0.993	0.831	0.801	0.880	0.863	22.63
47)	T	Dibromochlorom...			2.243	1.634	1.619	0.880	1.549	1.218	1.134	1.188	1.433	29.44
48)	T	Methyl Butyl K...			0.906	0.694	0.738	0.416	0.755	0.702	0.678	0.730	0.702	19.33
49)	T	1,2-dibromoethane			1.646	1.220	1.358	0.708	1.300	1.026	0.996	1.023	1.160	24.55
50)	T	Tetrachloroeth...			1.082	0.868	0.900	0.475	0.879	0.663	0.653	0.671	0.774	24.77
51)	T	Chlorobenzene			2.095	1.577	1.685	0.860	1.637	1.293	1.253	1.327	1.466	25.08
52)	T	Ethylbenzene			1.845	1.515	1.702	0.839	1.919	1.454	1.517	1.794	1.573	21.73
53)	T	m&p-xylene			1.481	1.177	1.580	0.747	2.009	1.536	1.607	1.838	1.497	26.06
54)	T	Styrene			0.937	0.835	0.940	0.456	1.030	0.818	0.838	0.993	0.856	20.94
55)	T	Bromoform			1.754	1.375	1.444	0.741	1.413	1.087	1.037	1.097	1.243	25.21
56)	T	o-xylene			1.462	1.246	1.676	0.813	2.314	1.764	1.866	2.194	1.667	29.51
57)	S	Bromofluoroben...	0.419	0.420	0.456	0.487	0.541	0.506	0.551	0.570	0.563	0.594	0.511	12.38
58)	T	1,1,2,2-tetrac...			2.969	2.369	2.471	1.238	2.325	1.863	1.766	1.803	2.101	25.54
59)	T	4-ethyltoluene			1.111	0.863	1.014	0.511	1.193	0.926	0.981	1.246	0.981	23.49
60)	T	1,3,5-trimethy...			1.618	1.499	1.633	0.776	2.416	1.849	2.007	2.393	1.774	29.91
61)	T	1,2,4-trimethy...			1.137	0.961	1.144	0.547	1.418	1.114	1.190	1.494	1.126	25.75
62)	T	1,3-dichlorobe...			1.419	1.180	1.480	0.715	1.673	1.323	1.344	1.452	1.323	21.44
63)	T	benzyl chloride			0.957	0.807	0.986	0.497	1.170	0.927	0.929	1.072	0.918	21.90
64)	T	1,4-dichlorobe...			1.393	1.160	1.509	0.668	1.879	1.486	1.548	1.672	1.414	25.85
65)	T	1,2-dichlorobe...			1.275	1.071	1.344	0.653	1.546	1.199	1.231	1.369	1.211	21.84
66)	T	Naphthalene			0.190	0.159	0.118	0.096	0.127	0.160	0.206	0.143	0.150	24.46
67)	T	1,2,4-trichlor...			0.391	0.312	0.264	0.226	0.288	0.325	0.379	0.348	0.316	17.89
68)	T	Hexachloro-1,3...			1.232	0.984	0.802	0.548	0.839	0.775	0.823	0.777	0.847	23.14

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020521.D
Acq On : 6 Feb 2008 2:40 am
Operator :
Sample : B1UT_0.75
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 06 10:23:47 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.806	128	23712	1.00	ppb		-0.01
30) 1,4-difluorobenzene	12.883	114	59712	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	62256	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	31477	0.92	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 92.00%				
Target Compounds							Qvalue
2) Propylene	4.931	41	15236	0.44	ppb		89
3) Freon 12	4.991	85	104332	0.46	ppb		100
4) Chloromethane	5.219	50	28737	0.48	ppb		98
5) Freon 114	5.225	85	89493	0.46	ppb		97
6) Vinyl Chloride	5.441	62	21742	0.49	ppb		97
7) 1,3-butadiene	5.559	39	16387m	0.51	ppb		
8) Bromomethane	5.952	94	21826	0.43	ppb		89
9) Chloroethane	6.135	64	9977	0.47	ppb		95
10) Vinyl Bromide	6.501	106	21704	0.47	ppb		100
11) Freon 11	6.789	101	104750	0.54	ppb		100
12) Acetone	7.017	58	8316	0.41	ppb	#	54
13) Isopropyl alcohol	7.126	45	20476	0.68	ppb	#	100
14) 1,1-dichloroethene	7.579	96	16480	0.55	ppb		98
15) Freon 113	7.789	101	56994	0.49	ppb		99
16) Methylene chloride	8.038	84	21421	0.47	ppb		99
17) Allyl chloride	8.038	41	15710	0.51	ppb		97
18) Carbon disulfide	8.233	76	64133	0.48	ppb		100
19) trans-1,2-dichloroethene	8.996	61	19918	0.47	ppb		96
20) methyl tert-butyl ether	9.065	73	21471	0.40	ppb		99
21) 1,1-dichloroethane	9.431	63	39619	0.45	ppb		99
22) Vinyl acetate	9.422	43	18943	0.43	ppb		80
23) Methyl Ethyl Ketone	10.007	43	35482m	0.41	ppb		
24) cis-1,2-dichloroethene	10.377	61	18004	0.43	ppb		94
25) Hexane	9.974	41	16660	0.39	ppb		97
26) Ethyl acetate	10.569	43	24276	0.40	ppb		91
27) Chloroform	10.962	83	48866	0.45	ppb		99
28) Tetrahydrofuran	11.265	42	10062m	0.50	ppb		
29) 1,2-dichloroethane	11.995	62	29913	0.44	ppb		97
31) 1,1,1-trichloroethane	11.749	97	48866	0.45	ppb		98
32) Cyclohexane	12.376	56	15026	0.35	ppb	#	61
33) Carbon tetrachloride	12.328	117	56887	0.42	ppb		98
34) Benzene	12.295	78	41510	0.40	ppb		100
35) 1,4-dioxane	13.811	88	4292m	0.40	ppb		
36) 2,2,4-trimethylpentane	13.048	57	52599	0.34	ppb		94
37) Heptane	13.343	43	17279	0.34	ppb		96
38) Trichloroethene	13.463	130	21268	0.39	ppb		99
39) 1,2-dichloropropane	13.562	63	20904	0.40	ppb		97
40) Bromodichloromethane	13.847	83	47337	0.40	ppb		99
41) cis-1,3-dichloropropene	14.561	75	20693	0.35	ppb		99
42) trans-1,3-dichloropropene	15.222	75	16387	0.39	ppb		99
43) 1,1,2-trichloroethane	15.507	97	26023	0.41	ppb		97
45) Toluene	15.306	92	21991	0.33	ppb		98
46) Methyl Isobutyl Ketone	14.513	43	22243	0.36	ppb		98
47) Dibromochloromethane	16.146	129	41072	0.43	ppb		97
48) Methyl Butyl Ketone	15.690	43	19409	0.41	ppb		98
49) 1,2-dibromoethane	16.378	107	33040	0.41	ppb		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020521.D
Acq On : 6 Feb 2008 2:40 am
Operator :
Sample : B1UT_0.75
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 06 10:23:47 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

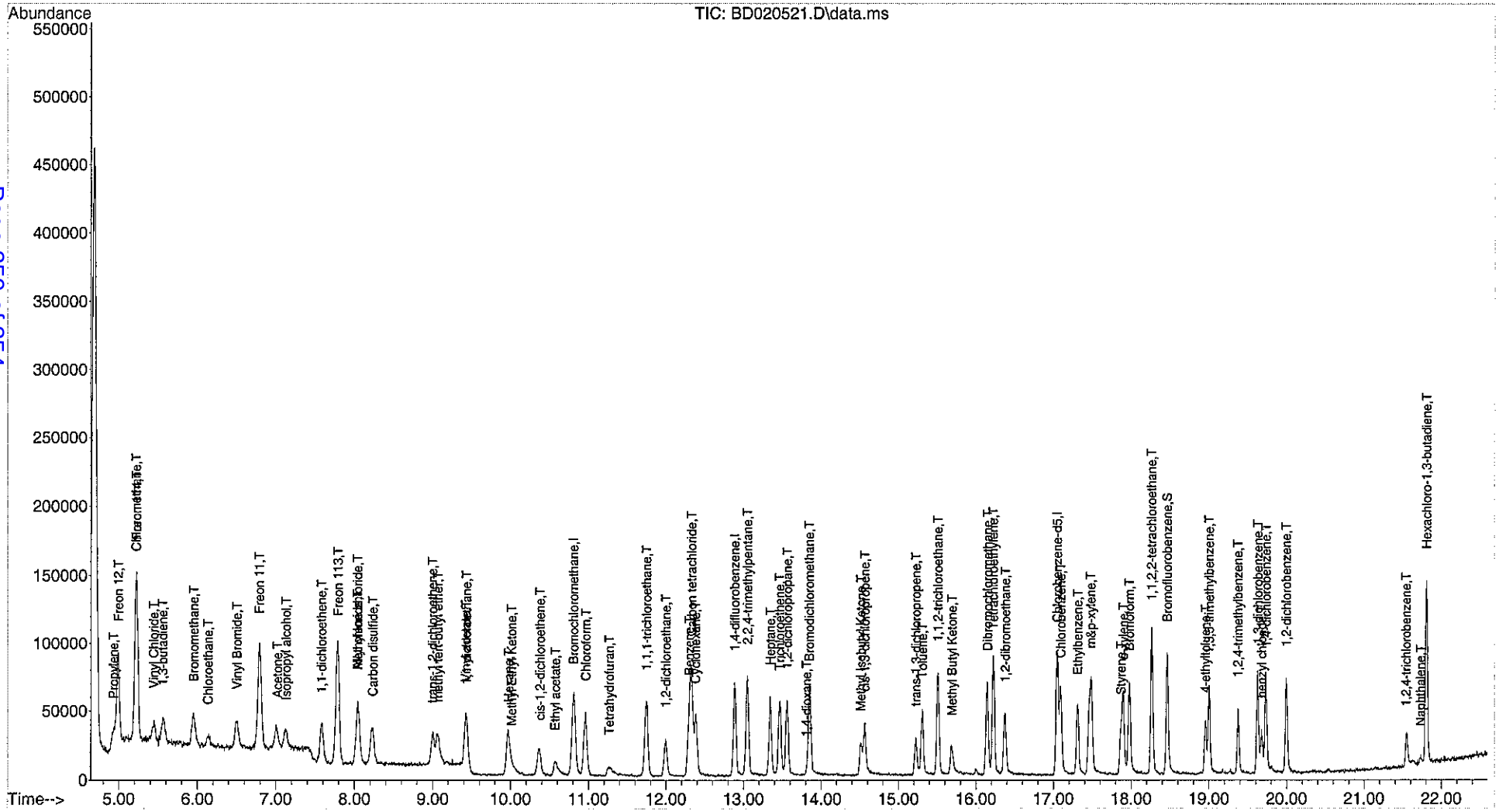
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Tetrachloroethylene	16.222	164	22187	0.41	ppb		96
51) Chlorobenzene	17.092	112	40171	0.39	ppb		98
52) Ethylbenzene	17.308	91	39191	0.33	ppb		97
53) m&p-xylene	17.479	91	69733	0.56	ppb		100
54) Styrene	17.867	104	21305	0.33	ppb		97
55) Bromoform	17.975	173	34606	0.39	ppb		97
56) o-xylene	17.900	91	37944	0.26	ppb		100
58) 1,1,2,2-tetrachloroethane	18.263	83	57810	0.40	ppb		99
59) 4-ethyltoluene	18.953	105	23851m	0.32	ppb		
60) 1,3,5-trimethylbenzene	19.001	105	36225m	0.24	ppb		
61) 1,2,4-trimethylbenzene	19.374	105	25531	0.29	ppb		99
62) 1,3-dichlorobenzene	19.629	146	33397	0.32	ppb		98
63) benzyl chloride	19.680	91	23210	0.32	ppb		98
64) 1,4-dichlorobenzene	19.734	146	31209	0.27	ppb		96
65) 1,2-dichlorobenzene	19.995	146	30506	0.32	ppb		99
66) Naphthalene	21.727	128	4481	0.57	ppb	#	85
67) 1,2,4-trichlorobenzene	21.541	180	10539	0.59	ppb		91
68) Hexachloro-1,3-butadiene	21.808	225	25599	0.49	ppb		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020521.D
Acq On : 6 Feb 2008 2:40 am
Operator :
Sample : B1UT_0.75
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 06 10:23:47 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020522.D
Acq On : 6 Feb 2008 3:13 am
Operator :
Sample : B1UT_0.50
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 06 10:25:46 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.806	128	23365	1.00	ppb		-0.01
30) 1,4-difluorobenzene	12.886	114	55223	1.00	ppb		0.00
44) Chlorobenzene-d5	17.044	117	58462	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.461	95	31640	0.98	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 98.00%				
Target Compounds							Qvalue
2) Propylene	4.931	41	21835	0.63	ppb		100
3) Freon 12	4.991	85	124329	0.56	ppb		98
4) Chloromethane	5.216	50	33954	0.58	ppb		93
5) Freon 114	5.225	85	110563	0.57	ppb		98
6) Vinyl Chloride	5.441	62	26433	0.61	ppb		100
7) 1,3-butadiene	5.567	39	17707	0.56	ppb		98
8) Bromomethane	5.952	94	29597	0.60	ppb		96
9) Chloroethane	6.141	64	11211	0.54	ppb		96
10) Vinyl Bromide	6.507	106	24899	0.54	ppb		98
11) Freon 11	6.795	101	102505	0.54	ppb		100
12) Acetone	7.023	58	11471	0.58	ppb		89
13) Isopropyl alcohol	7.135	45	20695	0.69	ppb	#	100
14) 1,1-dichloroethene	7.594	96	16499	0.55	ppb		94
15) Freon 113	7.789	101	66219	0.57	ppb		98
16) Methylene chloride	8.047	84	25444	0.57	ppb		98
17) Allyl chloride	8.041	41	16395	0.54	ppb		100
18) Carbon disulfide	8.233	76	73379	0.56	ppb		100
19) trans-1,2-dichloroethene	9.002	61	22428	0.54	ppb		97
20) methyl tert-butyl ether	9.074	73	26658	0.51	ppb		96
21) 1,1-dichloroethane	9.431	63	47376	0.55	ppb		99
22) Vinyl acetate	9.440	43	21093	0.49	ppb		98
23) Methyl Ethyl Ketone	10.022	43	40471m	0.48	ppb		
24) cis-1,2-dichloroethene	10.368	61	21037	0.51	ppb		96
25) Hexane	9.974	41	19955	0.48	ppb	#	14
26) Ethyl acetate	10.590	43	29016m	0.48	ppb		
27) Chloroform	10.965	83	58840	0.55	ppb		96
28) Tetrahydrofuran	11.292	42	10255m	0.51	ppb		
29) 1,2-dichloroethane	11.995	62	36258	0.54	ppb		98
31) 1,1,1-trichloroethane	11.740	97	57550	0.57	ppb		99
32) Cyclohexane	12.388	56	18315	0.46	ppb	#	57
33) Carbon tetrachloride	12.322	117	68172	0.55	ppb		98
34) Benzene	12.301	78	49100m	0.52	ppb		
35) 1,4-dioxane	13.820	88	4919m	0.50	ppb		
36) 2,2,4-trimethylpentane	13.045	57	64175	0.45	ppb		94
37) Heptane	13.346	43	20384	0.43	ppb		99
38) Trichloroethene	13.466	130	26635	0.52	ppb		98
39) 1,2-dichloropropane	13.562	63	24906	0.51	ppb		95
40) Bromodichloromethane	13.853	83	57804	0.53	ppb		99
41) cis-1,3-dichloropropene	14.567	75	26426	0.48	ppb		96
42) trans-1,3-dichloropropene	15.222	75	19913	0.52	ppb		99
43) 1,1,2-trichloroethane	15.510	97	32708	0.55	ppb		99
45) Toluene	15.309	92	26521	0.43	ppb		90
46) Methyl Isobutyl Ketone	14.513	43	26628	0.46	ppb		94
47) Dibromochloromethane	16.143	129	47322	0.52	ppb		96
48) Methyl Butyl Ketone	15.684	43	21565	0.49	ppb		99
49) 1,2-dibromoethane	16.378	107	39705	0.52	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020522.D
Acq On : 6 Feb 2008 3:13 am
Operator :
Sample : B1UT_0.50
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 06 10:25:46 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

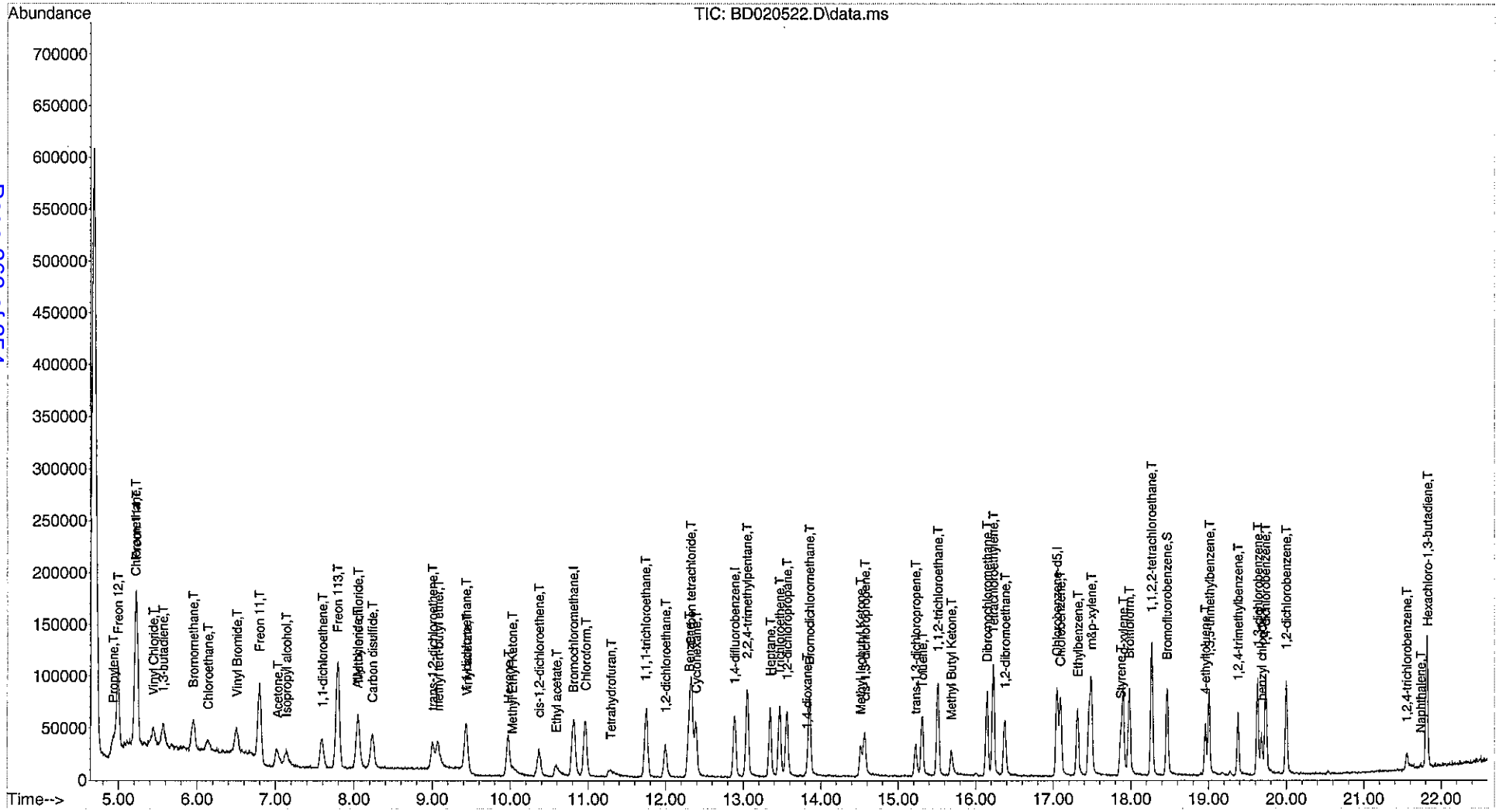
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Tetrachloroethylene	16.224	164	26302	0.51	ppb		96
51) Chlorobenzene	17.089	112	49258	0.51	ppb		97
52) Ethylbenzene	17.314	91	49747	0.44	ppb		100
53) m&p-xylene	17.488	91	92373	0.79	ppb		100
54) Styrene	17.867	104	27487	0.46	ppb		95
55) Bromoform	17.975	173	42200	0.51	ppb		97
56) o-xylene	17.897	91	48978	0.36	ppb		99
58) 1,1,2,2-tetrachloroethane	18.263	83	72223	0.53	ppb		97
59) 4-ethyltoluene	18.953	105	29629m	0.42	ppb		
60) 1,3,5-trimethylbenzene	19.007	105	47737m	0.34	ppb		
61) 1,2,4-trimethylbenzene	19.377	105	33450	0.40	ppb		99
62) 1,3-dichlorobenzene	19.629	146	43250	0.44	ppb		99
63) benzyl chloride	19.683	91	28824	0.42	ppb		99
64) 1,4-dichlorobenzene	19.728	146	44118	0.40	ppb		98
65) 1,2-dichlorobenzene	19.995	146	39293	0.43	ppb		99
66) Naphthalene	21.733	128	3457	0.47	ppb	#	78
67) 1,2,4-trichlorobenzene	21.550	180	7705	0.46	ppb		89
68) Hexachloro-1,3-butadiene	21.820	225	23439	0.48	ppb		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020522.D
Acq On : 6 Feb 2008 3:13 am
Operator :
Sample : B1UT_0.50
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 06 10:25:46 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020523.D
Acq On : 6 Feb 2008 3:45 am
Operator :
Sample : B1UT_0.30
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 06 11:50:43 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.815	128	21669	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.886	114	51176	1.00	ppb		0.00
44) Chlorobenzene-d5	17.044	117	51206	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	24937	0.88	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 88.00%				
Target Compounds							Qvalue
2) Propylene	4.928	41	10734m	0.34	ppb		
3) Freon 12	4.991	85	73229	0.36	ppb		98
4) Chloromethane	5.213	50	20192	0.37	ppb		95
5) Freon 114	5.216	85	62066	0.35	ppb		97
6) Vinyl Chloride	5.438	62	15239	0.38	ppb		97
7) 1,3-butadiene	5.567	39	11286	0.38	ppb		100
8) Bromomethane	5.964	94	15660	0.34	ppb		94
9) Chloroethane	6.129	64	6452	0.33	ppb		82
10) Vinyl Bromide	6.504	106	13673	0.32	ppb		98
11) Freon 11	6.786	101	70266	0.40	ppb		98
12) Acetone	7.002	58	5127	0.28	ppb	#	83
13) Isopropyl alcohol	7.134	45	13889m	0.50	ppb		
14) 1,1-dichloroethene	7.585	96	9685	0.35	ppb		98
15) Freon 113	7.783	101	35900	0.34	ppb		98
16) Methylene chloride	8.050	84	14697	0.35	ppb		94
17) Allyl chloride	8.035	41	9230	0.33	ppb		98
18) Carbon disulfide	8.230	76	43135	0.35	ppb		100
19) trans-1,2-dichloroethene	8.993	61	12615	0.33	ppb		98
20) methyl tert-butyl ether	9.068	73	12617	0.26	ppb	#	30
21) 1,1-dichloroethane	9.428	63	24582	0.31	ppb		97
22) Vinyl acetate	9.428	43	11497	0.29	ppb		84
23) Methyl Ethyl Ketone	10.046	43	22156m	0.28	ppb		
24) cis-1,2-dichloroethene	10.359	61	11251	0.29	ppb		98
25) Hexane	9.965	41	10198	0.26	ppb	#	13
26) Ethyl acetate	10.590	43	14366	0.26	ppb		97
27) Chloroform	10.959	83	32274	0.32	ppb		98
28) Tetrahydrofuran	11.283	42	5039m	0.27	ppb		
29) 1,2-dichloroethane	11.989	62	19272	0.31	ppb		98
31) 1,1,1-trichloroethane	11.745	97	31293	0.33	ppb		99
32) Cyclohexane	12.388	56	8662	0.24	ppb	#	49
33) Carbon tetrachloride	12.331	117	37422	0.33	ppb		96
34) Benzene	12.298	78	25215	0.29	ppb		91
35) 1,4-dioxane	13.913	88	2346m	0.26	ppb		
36) 2,2,4-trimethylpentane	13.051	57	29964	0.23	ppb		90
37) Heptane	13.343	43	9775	0.22	ppb		95
38) Trichloroethene	13.472	130	13829	0.29	ppb		97
39) 1,2-dichloropropane	13.568	63	12643	0.28	ppb		99
40) Bromodichloromethane	13.850	83	29884	0.29	ppb		98
41) cis-1,3-dichloropropene	14.564	75	11595	0.23	ppb		98
42) trans-1,3-dichloropropene	15.228	75	10098	0.28	ppb		100
43) 1,1,2-trichloroethane	15.504	97	16301	0.30	ppb		99
45) Toluene	15.309	92	13053	0.24	ppb		99
46) Methyl Isobutyl Ketone	14.513	43	13002	0.26	ppb		95
47) Dibromochloromethane	16.143	129	25106	0.32	ppb		100
48) Methyl Butyl Ketone	15.687	43	10664	0.28	ppb		94
49) 1,2-dibromoethane	16.375	107	18742	0.28	ppb		92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020523.D
Acq On : 6 Feb 2008 3:45 am
Operator :
Sample : B1UT_0.30
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 06 11:50:43 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Tetrachloroethylene	16.221	164	13340	0.30	ppb		98
51) Chlorobenzene	17.092	112	24222	0.29	ppb		96
52) Ethylbenzene	17.311	91	23267	0.24	ppb		97
53) m&p-xylene	17.491	91	36147	0.35	ppb		96
54) Styrene	17.866	104	12824	0.24	ppb		88
55) Bromoform	17.984	173	21130	0.29	ppb		97
56) o-xylene	17.897	91	19148	0.16	ppb		95
58) 1,1,2,2-tetrachloroethane	18.263	83	36397	0.31	ppb		98
59) 4-ethyltoluene	18.956	105	13252m	0.22	ppb		
60) 1,3,5-trimethylbenzene	19.001	105	23034m	0.19	ppb		
61) 1,2,4-trimethylbenzene	19.370	105	14769	0.20	ppb		94
62) 1,3-dichlorobenzene	19.626	146	18126	0.21	ppb		98
63) benzyl chloride	19.677	91	12393	0.21	ppb		95
64) 1,4-dichlorobenzene	19.731	146	17824	0.19	ppb		98
65) 1,2-dichlorobenzene	19.995	146	16445	0.21	ppb		95
66) Naphthalene	21.733	128	2448m	0.38	ppb		
67) 1,2,4-trichlorobenzene	21.547	180	4789	0.32	ppb	#	75
68) Hexachloro-1,3-butadiene	21.814	225	15119	0.35	ppb		97

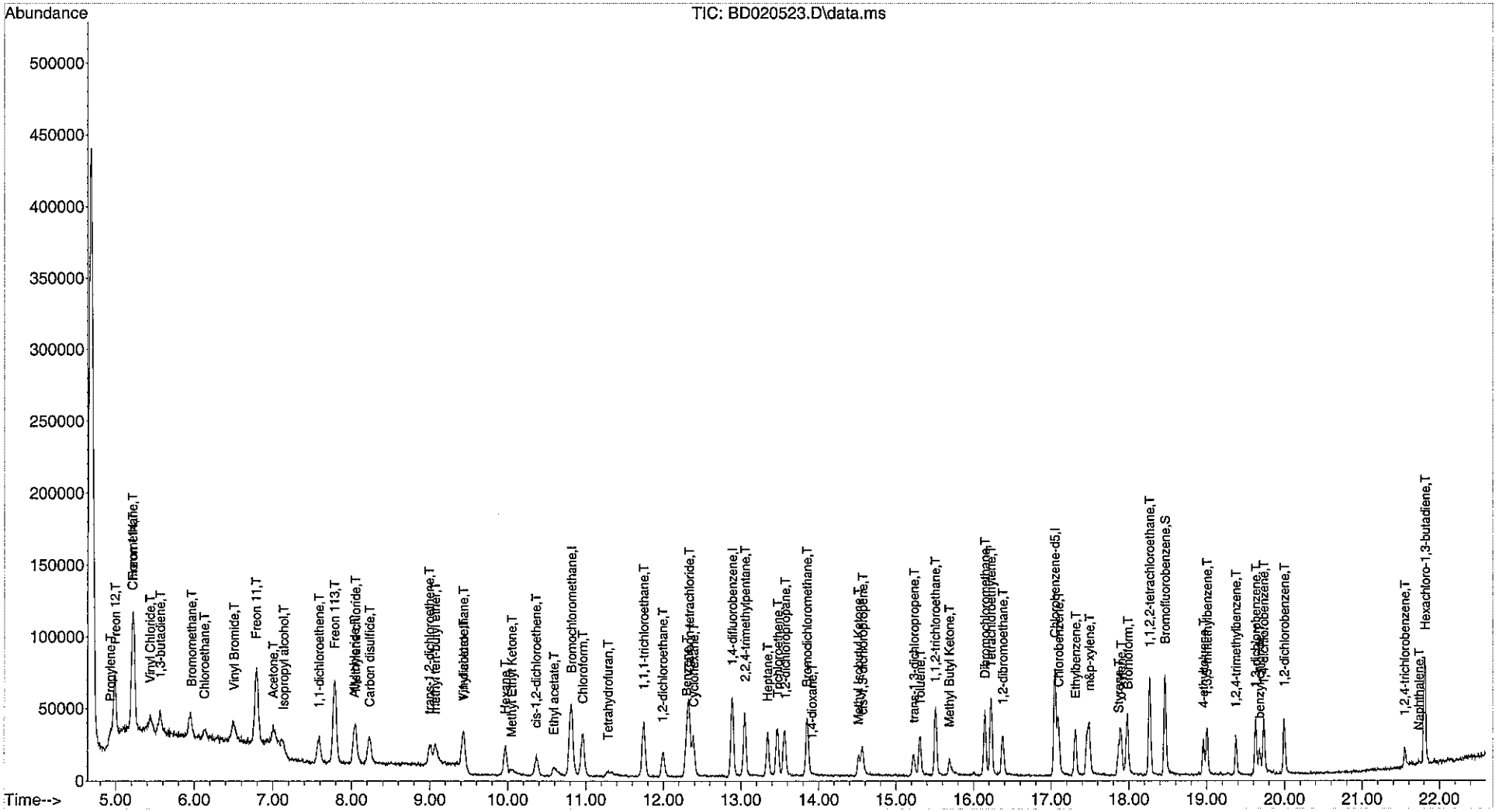
7.6.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020523.D
Acq On : 6 Feb 2008 3:45 am
Operator :
Sample : B1UT_0.30
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 06 11:50:43 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020524.D
Acq On : 6 Feb 2008 4:17 am
Operator :
Sample : B1UT_0.15
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 06 11:43:44 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.806	128	20205	1.00	ppb		-0.01
30) 1,4-difluorobenzene	12.892	114	49735	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	50794	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.470	95	23171	0.83	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 83.00%				
Target Compounds							Qvalue
2) Propylene	4.931	41	7062	0.24	ppb		72
3) Freon 12	4.985	85	42191	0.22	ppb		97
4) Chloromethane	5.213	50	10416m	0.21	ppb		
5) Freon 114	5.219	85	37851	0.23	ppb		94
6) Vinyl Chloride	5.444	62	9002	0.24	ppb		96
7) 1,3-butadiene	5.567	39	6345m	0.23	ppb		
8) Bromomethane	5.946	94	8963m	0.21	ppb		
9) Chloroethane	6.141	64	3539m	0.20	ppb		
10) Vinyl Bromide	6.507	106	9038	0.23	ppb		95
11) Freon 11	6.801	101	43542	0.26	ppb		99
12) Acetone	7.029	58	3690m	0.22	ppb		
13) Isopropyl alcohol	7.137	45	7045m	0.27	ppb		
14) 1,1-dichloroethene	7.582	96	5934	0.23	ppb		98
15) Freon 113	7.786	101	22213	0.22	ppb		95
16) Methylene chloride	8.059	84	8696	0.22	ppb		98
17) Allyl chloride	8.035	41	5841	0.22	ppb	#	64
18) Carbon disulfide	8.227	76	26044m	0.23	ppb		
19) trans-1,2-dichloroethene	9.011	61	8057	0.22	ppb		95
20) methyl tert-butyl ether	9.080	73	8136	0.18	ppb	#	30
21) 1,1-dichloroethane	9.428	63	16594	0.22	ppb		100
22) Vinyl acetate	9.440	43	7326	0.20	ppb		99
24) cis-1,2-dichloroethene	10.359	61	6559	0.18	ppb		91
25) Hexane	9.971	41	5419	0.15	ppb	#	43
26) Ethyl acetate	10.608	43	8442	0.16	ppb		79
27) Chloroform	10.965	83	20525m	0.22	ppb		
28) Tetrahydrofuran	11.307	42	3947m	0.23	ppb		
29) 1,2-dichloroethane	11.992	62	12079m	0.21	ppb		
31) 1,1,1-trichloroethane	11.742	97	19562m	0.21	ppb		
32) Cyclohexane	12.385	56	5283	0.15	ppb	#	45
33) Carbon tetrachloride	12.325	117	23013	0.21	ppb		98
34) Benzene	12.298	78	16466	0.19	ppb		96
36) 2,2,4-trimethylpentane	13.048	57	18514	0.15	ppb		92
37) Heptane	13.339	43	5959	0.14	ppb		98
38) Trichloroethene	13.469	130	7993	0.17	ppb		95
39) 1,2-dichloropropane	13.556	63	7548	0.17	ppb		96
40) Bromodichloromethane	13.853	83	19154	0.19	ppb		96
41) cis-1,3-dichloropropene	14.567	75	7302	0.15	ppb		90
42) trans-1,3-dichloropropene	15.222	75	6010	0.17	ppb		85
43) 1,1,2-trichloroethane	15.510	97	11059	0.21	ppb		98
45) Toluene	15.312	92	7704	0.14	ppb		98
46) Methyl Isobutyl Ketone	14.528	43	8899	0.18	ppb		92
47) Dibromochloromethane	16.140	129	17091	0.22	ppb		96
48) Methyl Butyl Ketone	15.687	43	6900	0.18	ppb		93
49) 1,2-dibromoethane	16.375	107	12544	0.19	ppb		94
50) Tetrachloroethylene	16.224	164	8242	0.18	ppb		91
51) Chlorobenzene	17.092	112	15960	0.19	ppb		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020524.D
Acq On : 6 Feb 2008 4:17 am
Operator :
Sample : B1UT_0.15
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 06 11:43:44 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

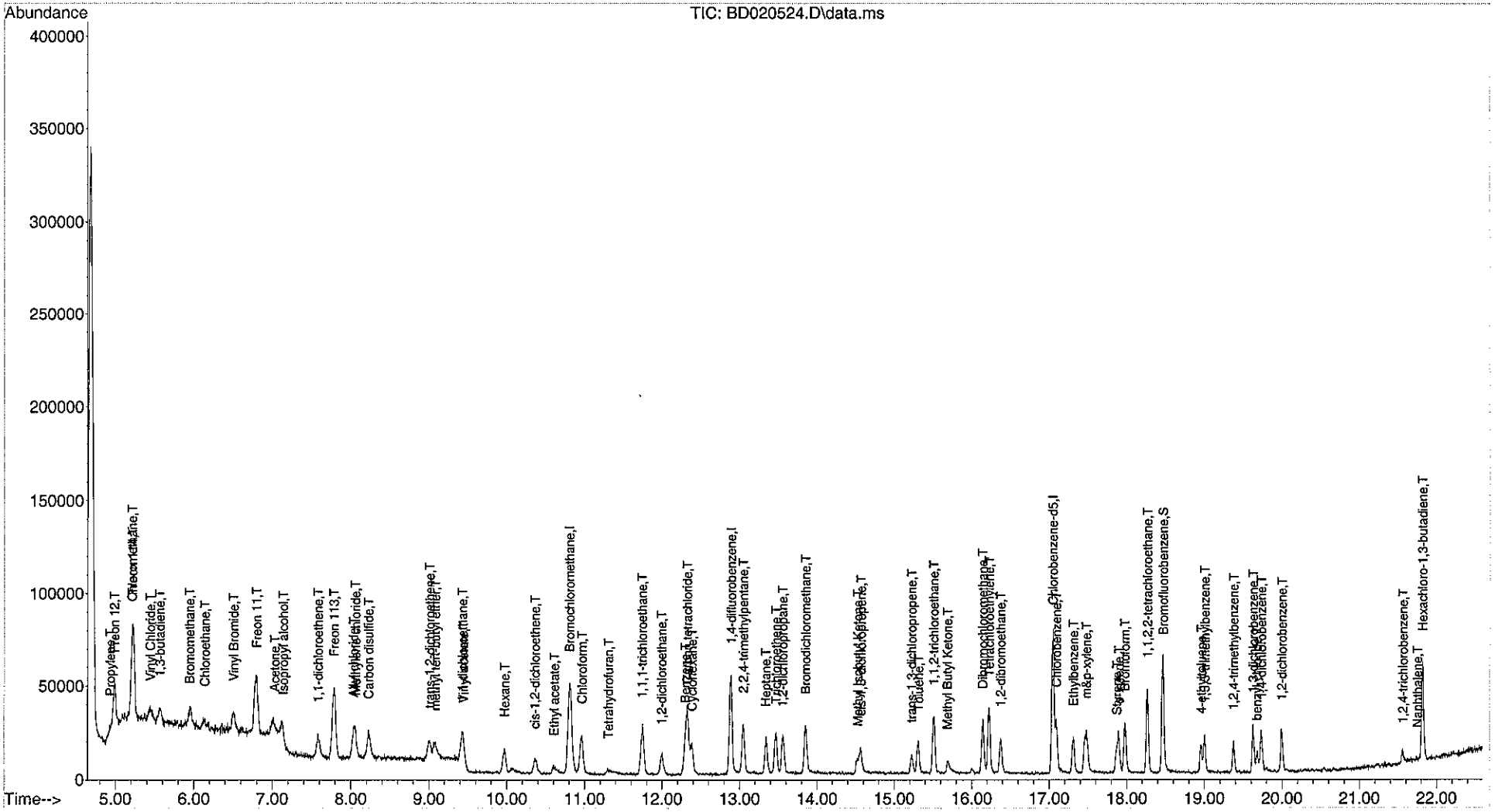
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	17.311	91	14054	0.14	ppb		96
53) m&p-xylene	17.476	91	22562	0.22	ppb		97
54) Styrene	17.872	104	7141	0.14	ppb		100
55) Bromoform	17.975	173	13363	0.19	ppb		99
56) o-xylene	17.900	91	11136	0.09	ppb		96
58) 1,1,2,2-tetrachloroethane	18.266	83	22623	0.19	ppb		94
59) 4-ethyltoluene	18.959	105	8466m	0.14	ppb		
60) 1,3,5-trimethylbenzene	19.004	105	12326m	0.10	ppb		
61) 1,2,4-trimethylbenzene	19.376	105	8661	0.12	ppb		98
62) 1,3-dichlorobenzene	19.626	146	10808	0.13	ppb		98
63) benzyl chloride	19.674	91	7292	0.12	ppb		91
64) 1,4-dichlorobenzene	19.734	146	10616	0.11	ppb		99
65) 1,2-dichlorobenzene	19.998	146	9712	0.12	ppb		97
66) Naphthalene	21.751	128	1446	0.22	ppb	#	97
67) 1,2,4-trichlorobenzene	21.562	180	2977m	0.20	ppb		
68) Hexachloro-1,3-butadiene	21.817	225	9387	0.22	ppb		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020524.D
Acq On : 6 Feb 2008 4:17 am
Operator :
Sample : B1UT_0.15
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 06 11:43:44 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020525.D
Acq On : 6 Feb 2008 4:49 am
Operator :
Sample : B1UT_0.10
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 06 10:34:07 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

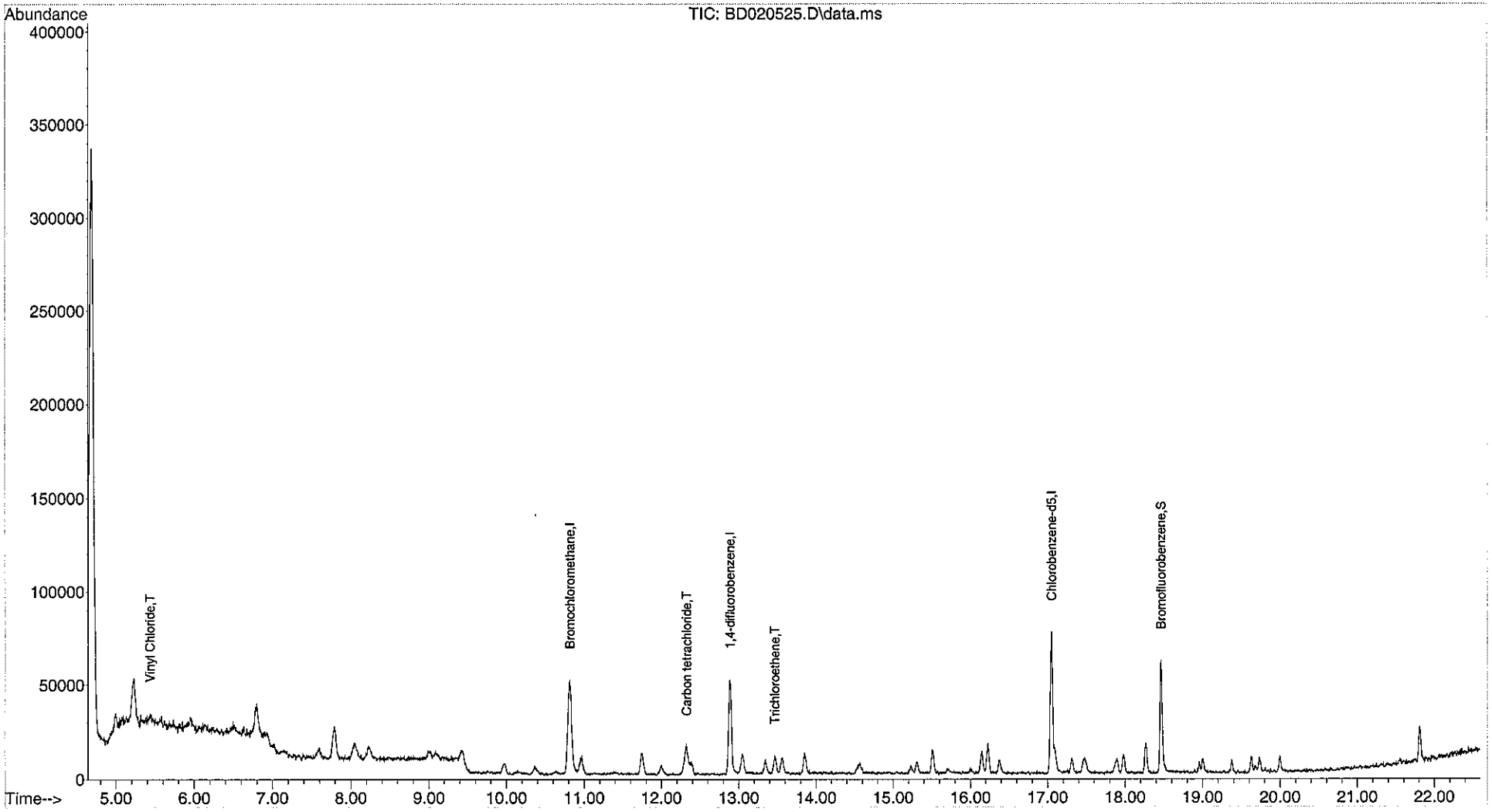
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.815	128	21078	1.00	ppb	0.00
30) 1,4-difluorobenzene	12.886	114	49302	1.00	ppb	0.00
44) Chlorobenzene-d5	17.050	117	49341	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.464	95	20700	0.76	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 76.00%			
Target Compounds						Qvalue
6) Vinyl Chloride	5.432	62	4144	0.11	ppb	50
33) Carbon tetrachloride	12.325	117	9563	0.09	ppb	94
38) Trichloroethene	13.466	130	3382	0.07	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020525.D
Acq On : 6 Feb 2008 4:49 am
Operator :
Sample : B1UT_0.10
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 06 10:34:07 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020528.D
Acq On : 6 Feb 2008 6:26 am
Operator :
Sample : B1UT_0.04
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 06 10:36:33 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

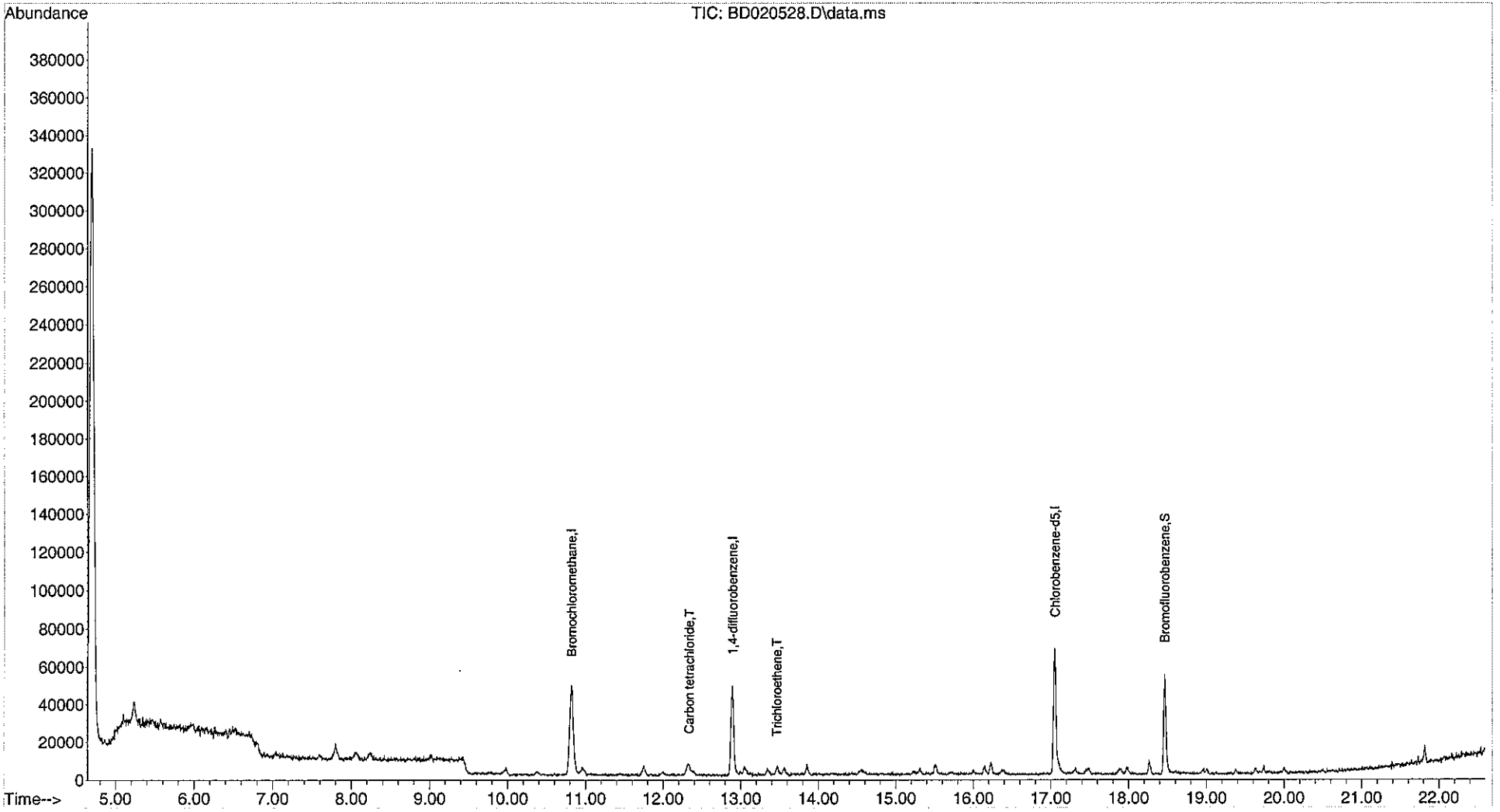
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.821	128	19273	1.00	ppb	0.00
30) 1,4-difluorobenzene	12.892	114	45238	1.00	ppb	0.00
44) Chlorobenzene-d5	17.050	117	46472	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.464	95	19485	0.76	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 76.00%			
Target Compounds						Qvalue
33) Carbon tetrachloride	12.334	117	4003m	0.04	ppb	
38) Trichloroethene	13.463	130	1518m	0.04	ppb	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020528.D
Acq On : 6 Feb 2008 6:26 am
Operator :
Sample : B1UT_0.04
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 06 10:36:33 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020529.D
Acq On : 6 Feb 2008 6:59 am
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 06 10:14:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:10:22 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.818	128	21444	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.889	114	51580	1.00	ppb		0.00
44) Chlorobenzene-d5	17.044	117	54629	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.467	95	30099	1.00	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 100.00%				
Target Compounds							Qvalue
2) Propylene	4.940	41	31570	1.00	ppb		100
3) Freon 12	4.988	85	202939	1.00	ppb		100
4) Chloromethane	5.219	50	53691	1.00	ppb		100
5) Freon 114	5.222	85	177394	1.00	ppb		100
6) Vinyl Chloride	5.441	62	39971	1.00	ppb		100
7) 1,3-butadiene	5.567	39	29083	1.00	ppb		100
8) Bromomethane	5.949	94	45376	1.00	ppb		100
9) Chloroethane	6.138	64	19063	1.00	ppb		99
10) Vinyl Bromide	6.507	106	42034	1.00	ppb		100
11) Freon 11	6.798	101	175490	1.00	ppb		100
12) Acetone	7.014	58	18158m	1.00	ppb		
13) Isopropyl alcohol	7.138	45	27368	1.00	ppb	#	100
14) 1,1-dichloroethene	7.585	96	27290	1.01	ppb		99
15) Freon 113	7.792	101	105855	1.00	ppb		100
16) Methylene chloride	8.059	84	41142	1.00	ppb		100
17) Allyl chloride	8.044	41	28043	1.00	ppb		100
18) Carbon disulfide	8.227	76	120912	1.00	ppb		100
19) trans-1,2-dichloroethene	9.005	61	38350	1.00	ppb		100
20) methyl tert-butyl ether	9.056	73	48255	1.00	ppb		100
21) 1,1-dichloroethane	9.434	63	79254	1.00	ppb		100
22) Vinyl acetate	9.428	43	39548	1.00	ppb		100
23) Methyl Ethyl Ketone	9.998	43	78110m	1.00	ppb		
24) cis-1,2-dichloroethene	10.362	61	38133	1.00	ppb		100
25) Hexane	9.968	41	38320	1.00	ppb		100
26) Ethyl acetate	10.569	43	55033m	1.00	ppb		
27) Chloroform	10.959	83	98580	1.00	ppb		100
28) Tetrahydrofuran	11.259	42	18331m	1.00	ppb		
29) 1,2-dichloroethane	11.992	62	61674	1.00	ppb		100
31) 1,1,1-trichloroethane	11.746	97	94759	1.00	ppb		100
32) Cyclohexane	12.391	56	36853	1.00	ppb		98
33) Carbon tetrachloride	12.322	117	115906	1.00	ppb		100
34) Benzene	12.295	78	88899m	1.00	ppb		
35) 1,4-dioxane	13.802	88	9228m	1.00	ppb		
36) 2,2,4-trimethylpentane	13.048	57	131801	1.00	ppb		99
37) Heptane	13.346	43	44220	1.00	ppb		100
38) Trichloroethene	13.472	130	47576	1.00	ppb		100
39) 1,2-dichloropropane	13.565	63	45214	1.00	ppb		100
40) Bromodichloromethane	13.850	83	102473	1.00	ppb		100
41) cis-1,3-dichloropropene	14.567	75	51283	1.00	ppb		100
42) trans-1,3-dichloropropene	15.225	75	36079m	1.00	ppb		
43) 1,1,2-trichloroethane	15.504	97	55225	0.99	ppb		99
45) Toluene	15.306	92	58131	1.00	ppb		100
46) Methyl Isobutyl Ketone	14.507	43	54270	1.00	ppb		100
47) Dibromochloromethane	16.140	129	84616	1.00	ppb		100
48) Methyl Butyl Ketone	15.678	43	41272	1.00	ppb		100
49) 1,2-dibromoethane	16.372	107	71026	1.00	ppb		100

Data Path : C:\msdchem\1\DATA\
Data File : BD020529.D
Acq On : 6 Feb 2008 6:59 am
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 06 10:14:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:10:22 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Tetrachloroethylene	16.224	164	48043	1.01	ppb	99
51) Chlorobenzene	17.092	112	89444	1.00	ppb	100
52) Ethylbenzene	17.314	91	104856	1.00	ppb	100
53) m&p-xylene	17.482	91	219494	2.00	ppb	100
54) Styrene	17.867	104	56271	1.00	ppb	100
55) Bromoform	17.978	173	77208	1.00	ppb	100
56) o-xylene	17.900	91	126399m	1.00	ppb	
58) 1,1,2,2-tetrachloroethane	18.263	83	126994	1.00	ppb	100
59) 4-ethyltoluene	18.956	105	65170m	1.00	ppb	
60) 1,3,5-trimethylbenzene	19.004	105	131969m	1.00	ppb	
61) 1,2,4-trimethylbenzene	19.380	105	77444	1.00	ppb	100
62) 1,3-dichlorobenzene	19.629	146	91404	1.00	ppb	100
63) benzyl chloride	19.674	91	63915	1.00	ppb	100
64) 1,4-dichlorobenzene	19.734	146	102662	1.00	ppb	100
65) 1,2-dichlorobenzene	19.992	146	84430	1.00	ppb	100
66) Naphthalene	21.733	128	6942	1.00	ppb	100
67) 1,2,4-trichlorobenzene	21.556	180	15722	1.00	ppb	100
68) Hexachloro-1,3-butadiene	21.814	225	45815	1.00	ppb	100

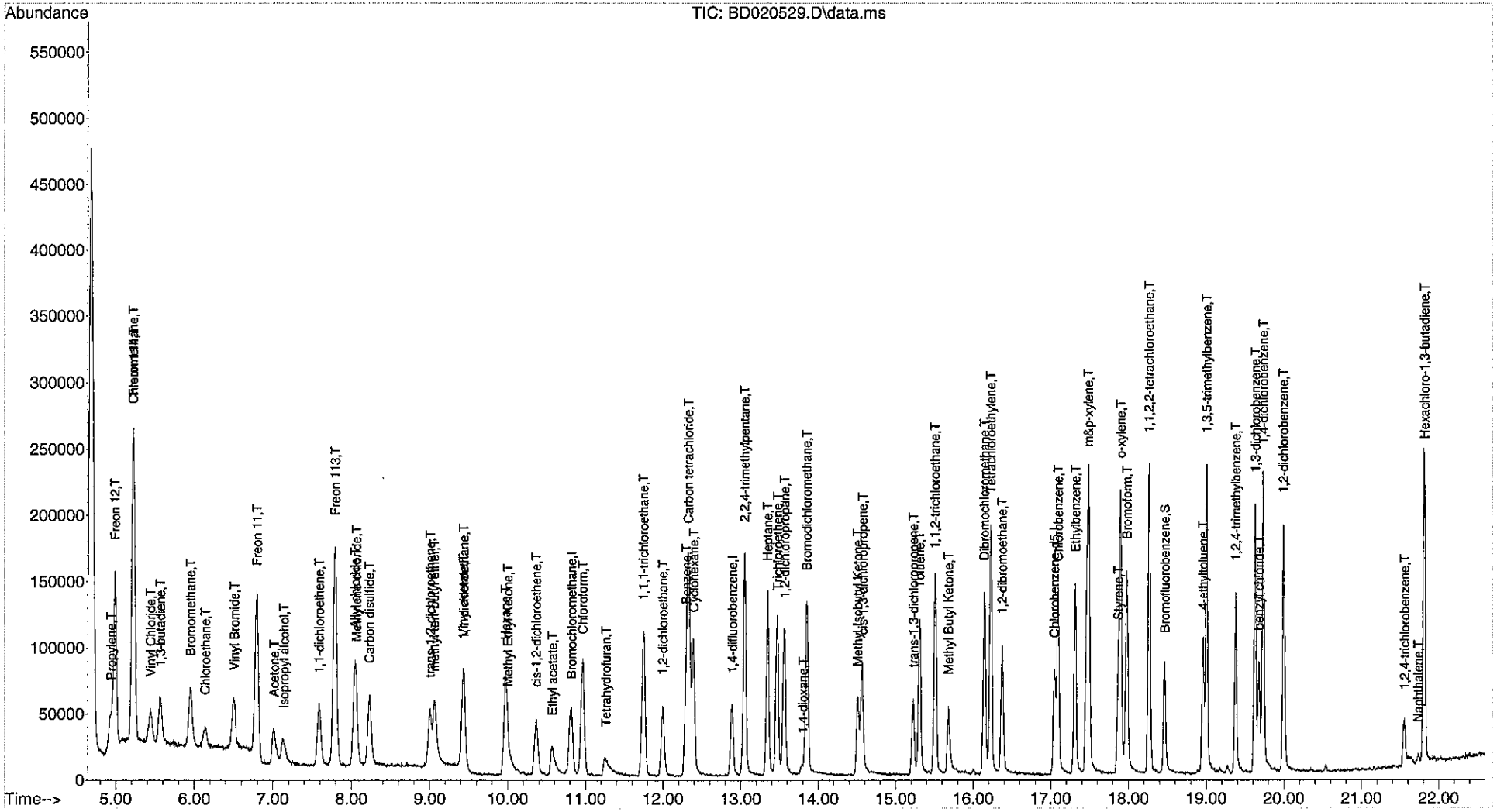
I.L.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020529.D
Acq On : 6 Feb 2008 6:59 am
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 06 10:14:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:10:22 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020530.D
Acq On : 6 Feb 2008 7:32 am
Operator :
Sample : B1UT_1.25
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 06 10:17:22 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.815	128	21928	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.889	114	55358	1.00	ppb		0.00
44) Chlorobenzene-d5	17.044	117	54854	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	31240	1.03	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 103.00%				
Target Compounds							Qvalue
2) Propylene	4.934	41	35723	1.11	ppb		78
3) Freon 12	4.991	85	211124	1.02	ppb		99
4) Chloromethane	5.228	50	56458	1.03	ppb		99
5) Freon 114	5.225	85	185843	1.02	ppb		98
6) Vinyl Chloride	5.444	62	42956	1.05	ppb		99
7) 1,3-butadiene	5.567	39	36206	1.22	ppb		89
8) Bromomethane	5.952	94	48659	1.05	ppb		94
9) Chloroethane	6.138	64	19091	0.98	ppb	#	44
10) Vinyl Bromide	6.504	106	43640	1.02	ppb		98
11) Freon 11	6.792	101	212258	1.18	ppb		99
12) Acetone	7.008	58	22584	1.22	ppb		91
13) Isopropyl alcohol	7.122	45	38889	1.39	ppb	#	100
14) 1,1-dichloroethene	7.591	96	29032	1.04	ppb		99
15) Freon 113	7.786	101	106634	0.99	ppb		98
16) Methylene chloride	8.056	84	42224	1.00	ppb		99
17) Allyl chloride	8.044	41	29697	1.04	ppb		98
18) Carbon disulfide	8.230	76	121374	0.98	ppb		98
19) trans-1,2-dichloroethene	9.005	61	39464	1.01	ppb		98
20) methyl tert-butyl ether	9.065	73	50643	1.03	ppb		97
21) 1,1-dichloroethane	9.434	63	78573	0.97	ppb		96
22) Vinyl acetate	9.434	43	40121	0.99	ppb		97
23) Methyl Ethyl Ketone	9.983	43	70894	0.89	ppb		91
24) cis-1,2-dichloroethene	10.374	61	37051	0.95	ppb		99
25) Hexane	9.977	41	38758	0.99	ppb		99
26) Ethyl acetate	10.566	43	53724	0.95	ppb		99
27) Chloroform	10.965	83	96643	0.96	ppb		99
28) Tetrahydrofuran	11.247	42	17317	0.92	ppb		98
29) 1,2-dichloroethane	11.989	62	58972	0.94	ppb		97
31) 1,1,1-trichloroethane	11.745	97	96130	0.95	ppb		97
32) Cyclohexane	12.385	56	37849	0.96	ppb	#	69
33) Carbon tetrachloride	12.328	117	114855	0.92	ppb		97
34) Benzene	12.298	78	89402m	0.94	ppb		
35) 1,4-dioxane	13.769	88	11242m	1.14	ppb		
36) 2,2,4-trimethylpentane	13.048	57	128338	0.91	ppb		99
37) Heptane	13.348	43	44246	0.93	ppb		97
38) Trichloroethene	13.466	130	47571	0.93	ppb		98
39) 1,2-dichloropropane	13.562	63	42085	0.87	ppb		97
40) Bromodichloromethane	13.847	83	99396	0.90	ppb		99
41) cis-1,3-dichloropropene	14.561	75	51867	0.94	ppb		97
42) trans-1,3-dichloropropene	15.222	75	35897	0.93	ppb		89
43) 1,1,2-trichloroethane	15.507	97	54688	0.92	ppb		100
45) Toluene	15.309	92	55186	0.95	ppb		95
46) Methyl Isobutyl Ketone	14.507	43	57003	1.05	ppb		97
47) Dibromochloromethane	16.146	129	83519	0.98	ppb		98
48) Methyl Butyl Ketone	15.684	43	48123	1.16	ppb		96
49) 1,2-dibromoethane	16.374	107	70382	0.99	ppb		98

Data Path : C:\msdchem\1\DATA\
Data File : BD020530.D
Acq On : 6 Feb 2008 7:32 am
Operator :
Sample : B1UT_1.25
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 06 10:17:22 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Tetrachloroethylene	16.224	164	45488	0.94	ppb		100
51) Chlorobenzene	17.089	112	88687	0.99	ppb		97
52) Ethylbenzene	17.311	91	99719	0.95	ppb		99
53) m&p-xylene	17.482	91	210612	1.91	ppb		99
54) Styrene	17.866	104	56084	0.99	ppb		99
55) Bromoform	17.977	173	74517	0.96	ppb		99
56) o-xylene	17.896	91	120920	0.95	ppb		98
58) 1,1,2,2-tetrachloroethane	18.266	83	127743	1.00	ppb		97
59) 4-ethyltoluene	18.956	105	63521m	0.97	ppb		
60) 1,3,5-trimethylbenzene	19.001	105	126774m	0.96	ppb		
61) 1,2,4-trimethylbenzene	19.376	105	76381	0.98	ppb		96
62) 1,3-dichlorobenzene	19.626	146	90710	0.99	ppb		98
63) benzyl chloride	19.674	91	63572	0.99	ppb		98
64) 1,4-dichlorobenzene	19.731	146	101876	0.99	ppb		99
65) 1,2-dichlorobenzene	19.995	146	82209	0.97	ppb		99
66) Naphthalene	21.724	128	10979	1.58	ppb	#	94
67) 1,2,4-trichlorobenzene	21.547	180	22251	1.41	ppb		97
68) Hexachloro-1,3-butadiene	21.805	225	53141	1.16	ppb		98

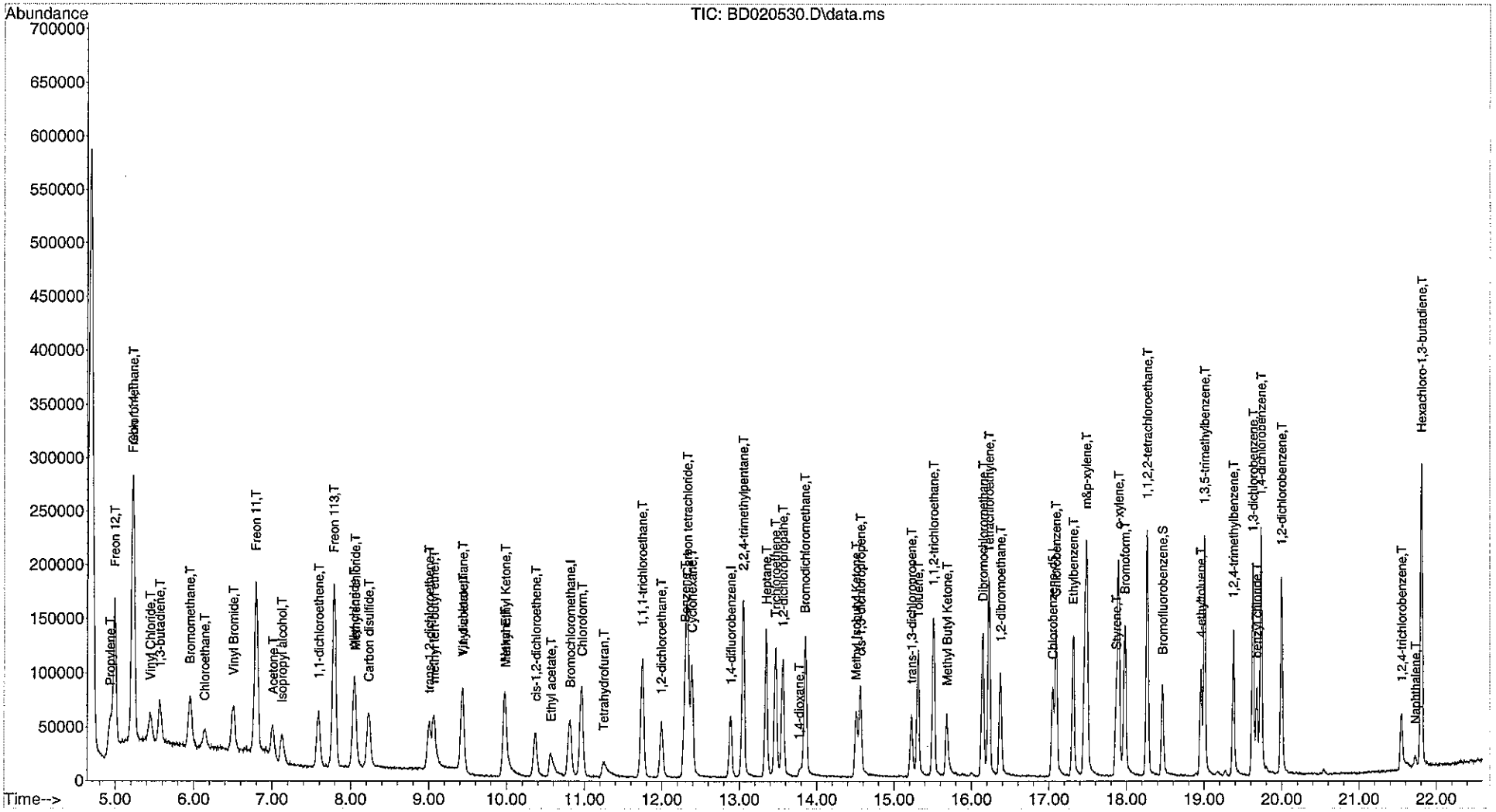
2.1.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020530.D
Acq On : 6 Feb 2008 7:32 am
Operator :
Sample : B1UT_1.25
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 06 10:17:22 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020531.D
Acq On : 6 Feb 2008 8:06 am
Operator :
Sample : B1UT_1.50
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 06 10:19:29 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.806	128	21854	1.00	ppb		-0.01
30) 1,4-difluorobenzene	12.883	114	55331	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	57354	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.461	95	32278	1.02	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 102.00%				
Target Compounds							Qvalue
2) Propylene	4.928	41	45646	1.42	ppb		90
3) Freon 12	4.988	85	252625	1.22	ppb		99
4) Chloromethane	5.216	50	69475	1.27	ppb		99
5) Freon 114	5.219	85	217303	1.20	ppb		99
6) Vinyl Chloride	5.447	62	52767	1.30	ppb		100
7) 1,3-butadiene	5.570	39	40386	1.36	ppb		89
8) Bromomethane	5.952	94	56806	1.23	ppb		97
9) Chloroethane	6.132	64	23066	1.19	ppb		95
10) Vinyl Bromide	6.492	106	51261	1.20	ppb		97
11) Freon 11	6.789	101	253458	1.42	ppb		100
12) Acetone	6.993	58	18063	0.98	ppb		96
13) Isopropyl alcohol	7.107	45	51270	1.84	ppb	#	100
14) 1,1-dichloroethene	7.588	96	38013	1.37	ppb		94
15) Freon 113	7.783	101	127679	1.18	ppb		97
16) Methylene chloride	8.050	84	48544	1.16	ppb		99
17) Allyl chloride	8.035	41	36028	1.26	ppb		94
18) Carbon disulfide	8.224	76	145674	1.18	ppb		100
19) trans-1,2-dichloroethene	8.996	61	47166	1.21	ppb		99
20) methyl tert-butyl ether	9.059	73	62498	1.27	ppb		97
21) 1,1-dichloroethane	9.434	63	95712	1.19	ppb		99
22) Vinyl acetate	9.425	43	51327	1.27	ppb		97
23) Methyl Ethyl Ketone	9.974	43	96947	1.22	ppb		95
24) cis-1,2-dichloroethene	10.361	61	45199	1.16	ppb		98
25) Hexane	9.968	41	49339	1.26	ppb		93
26) Ethyl acetate	10.563	43	62741	1.12	ppb		97
27) Chloroform	10.959	83	115264	1.15	ppb		99
28) Tetrahydrofuran	11.238	42	21625	1.16	ppb		98
29) 1,2-dichloroethane	11.989	62	69888	1.11	ppb		98
31) 1,1,1-trichloroethane	11.742	97	112487	1.11	ppb		97
32) Cyclohexane	12.385	56	48178	1.22	ppb	#	68
33) Carbon tetrachloride	12.322	117	137344	1.10	ppb		97
34) Benzene	12.295	78	117494	1.23	ppb		96
35) 1,4-dioxane	13.772	88	12795m	1.29	ppb		
36) 2,2,4-trimethylpentane	13.048	57	159134	1.13	ppb		99
37) Heptane	13.345	43	55771	1.18	ppb		98
38) Trichloroethene	13.472	130	56676	1.11	ppb		96
39) 1,2-dichloropropane	13.562	63	51948	1.07	ppb		99
40) Bromodichloromethane	13.853	83	119327	1.09	ppb		100
41) cis-1,3-dichloropropene	14.561	75	64044	1.16	ppb		98
42) trans-1,3-dichloropropene	15.222	75	45906	1.19	ppb		99
43) 1,1,2-trichloroethane	15.510	97	64236	1.08	ppb		99
45) Toluene	15.309	92	70946	1.16	ppb		100
46) Methyl Isobutyl Ketone	14.507	43	68877	1.21	ppb		96
47) Dibromochloromethane	16.140	129	97587	1.10	ppb		98
48) Methyl Butyl Ketone	15.678	43	58288	1.35	ppb		96
49) 1,2-dibromoethane	16.371	107	85657	1.15	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020531.D
Acq On : 6 Feb 2008 8:06 am
Operator :
Sample : B1UT_1.50
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 06 10:19:29 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Tetrachloroethylene	16.224	164	56149	1.11	ppb		99
51) Chlorobenzene	17.089	112	107766	1.15	ppb		98
52) Ethylbenzene	17.314	91	130533	1.19	ppb		100
53) m&p-xylene	17.485	91	276563	2.40	ppb		99
54) Styrene	17.869	104	72098	1.22	ppb		98
55) Bromoform	17.977	173	89193	1.10	ppb		100
56) o-xylene	17.893	91	160529m	1.21	ppb		
58) 1,1,2,2-tetrachloroethane	18.266	83	151920	1.14	ppb		98
59) 4-ethyltoluene	18.959	105	84431m	1.23	ppb		
60) 1,3,5-trimethylbenzene	19.004	105	172623m	1.25	ppb		
61) 1,2,4-trimethylbenzene	19.376	105	102382	1.26	ppb		96
62) 1,3-dichlorobenzene	19.626	146	115601	1.20	ppb		97
63) benzyl chloride	19.677	91	79898	1.19	ppb		98
64) 1,4-dichlorobenzene	19.728	146	133134	1.24	ppb		98
65) 1,2-dichlorobenzene	19.995	146	105941	1.20	ppb		99
66) Naphthalene	21.739	128	17732	2.43	ppb	#	92
67) 1,2,4-trichlorobenzene	21.556	180	32641	1.98	ppb		95
68) Hexachloro-1,3-butadiene	21.817	225	70830	1.47	ppb		99

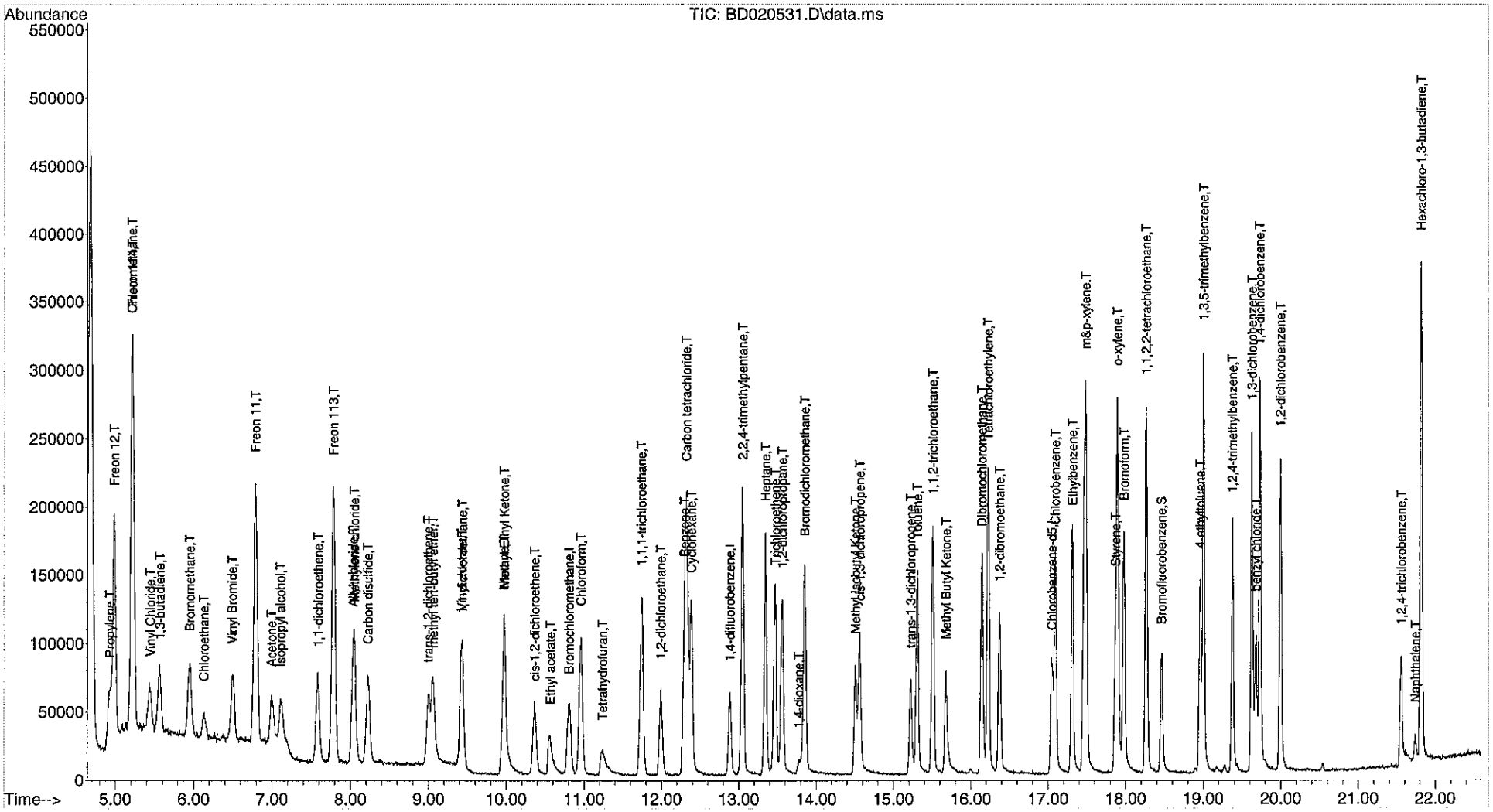
2.2.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020531.D
Acq On : 6 Feb 2008 8:06 am
Operator :
Sample : B1UT_1.50
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 06 10:19:29 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020532.D
Acq On : 6 Feb 2008 8:41 am
Operator :
Sample : B1UT_2.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 06 10:21:34 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.815	128	21904	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.883	114	55926	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	58112	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	34536	1.08	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 108.00%				
Target Compounds							Qvalue
2) Propylene	4.943	41	60168	1.87	ppb		91
3) Freon 12	5.003	85	326209	1.57	ppb		99
4) Chloromethane	5.240	50	84109	1.53	ppb		99
5) Freon 114	5.243	85	288984	1.59	ppb		98
6) Vinyl Chloride	5.456	62	63811	1.56	ppb		99
7) 1,3-butadiene	5.589	39	52307	1.76	ppb		92
8) Bromomethane	5.973	94	71535	1.54	ppb		99
9) Chloroethane	6.153	64	30018	1.54	ppb		95
10) Vinyl Bromide	6.522	106	68531	1.60	ppb		100
11) Freon 11	6.804	101	332516	1.85	ppb		98
12) Acetone	7.008	58	34972	1.89	ppb	#	73
13) Isopropyl alcohol	7.135	45	44556	1.59	ppb	#	100
14) 1,1-dichloroethene	7.606	96	48699	1.75	ppb		96
15) Freon 113	7.801	101	167726	1.55	ppb		99
16) Methylene chloride	8.056	84	66246	1.58	ppb		99
17) Allyl chloride	8.056	41	48738	1.70	ppb		94
18) Carbon disulfide	8.242	76	196573	1.59	ppb		100
19) trans-1,2-dichloroethene	9.014	61	65737	1.68	ppb		96
20) methyl tert-butyl ether	9.065	73	88903	1.80	ppb		97
21) 1,1-dichloroethane	9.437	63	127956	1.58	ppb		98
22) Vinyl acetate	9.437	43	70347	1.74	ppb		96
23) Methyl Ethyl Ketone	9.983	43	135483	1.70	ppb		92
24) cis-1,2-dichloroethene	10.365	61	62932	1.62	ppb		100
25) Hexane	9.974	41	66151	1.69	ppb	#	86
26) Ethyl acetate	10.557	43	84778	1.51	ppb		97
27) Chloroform	10.965	83	154361	1.53	ppb		99
28) Tetrahydrofuran	11.232	42	31833	1.70	ppb		95
29) 1,2-dichloroethane	11.995	62	95730	1.52	ppb		98
31) 1,1,1-trichloroethane	11.746	97	150821	1.47	ppb		96
32) Cyclohexane	12.388	56	71266	1.78	ppb	#	69
33) Carbon tetrachloride	12.331	117	180163	1.43	ppb		100
34) Benzene	12.298	78	162754	1.69	ppb		95
35) 1,4-dioxane	13.772	88	18048m	1.80	ppb		
36) 2,2,4-trimethylpentane	13.048	57	238328	1.67	ppb		94
37) Heptane	13.346	43	80787	1.68	ppb		98
38) Trichloroethene	13.469	130	77253	1.50	ppb		98
39) 1,2-dichloropropane	13.559	63	71846	1.47	ppb		99
40) Bromodichloromethane	13.853	83	161859	1.46	ppb		100
41) cis-1,3-dichloropropene	14.558	75	92713	1.67	ppb		97
42) trans-1,3-dichloropropene	15.225	75	63169m	1.61	ppb		
43) 1,1,2-trichloroethane	15.504	97	87721	1.46	ppb		99
45) Toluene	15.306	92	107036	1.73	ppb		98
46) Methyl Isobutyl Ketone	14.507	43	102232	1.77	ppb		95
47) Dibromochloromethane	16.146	129	138074	1.53	ppb		100
48) Methyl Butyl Ketone	15.678	43	84893	1.93	ppb		93
49) 1,2-dibromoethane	16.372	107	118933	1.57	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020532.D
Acq On : 6 Feb 2008 8:41 am
Operator :
Sample : B1UT_2.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 06 10:21:34 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

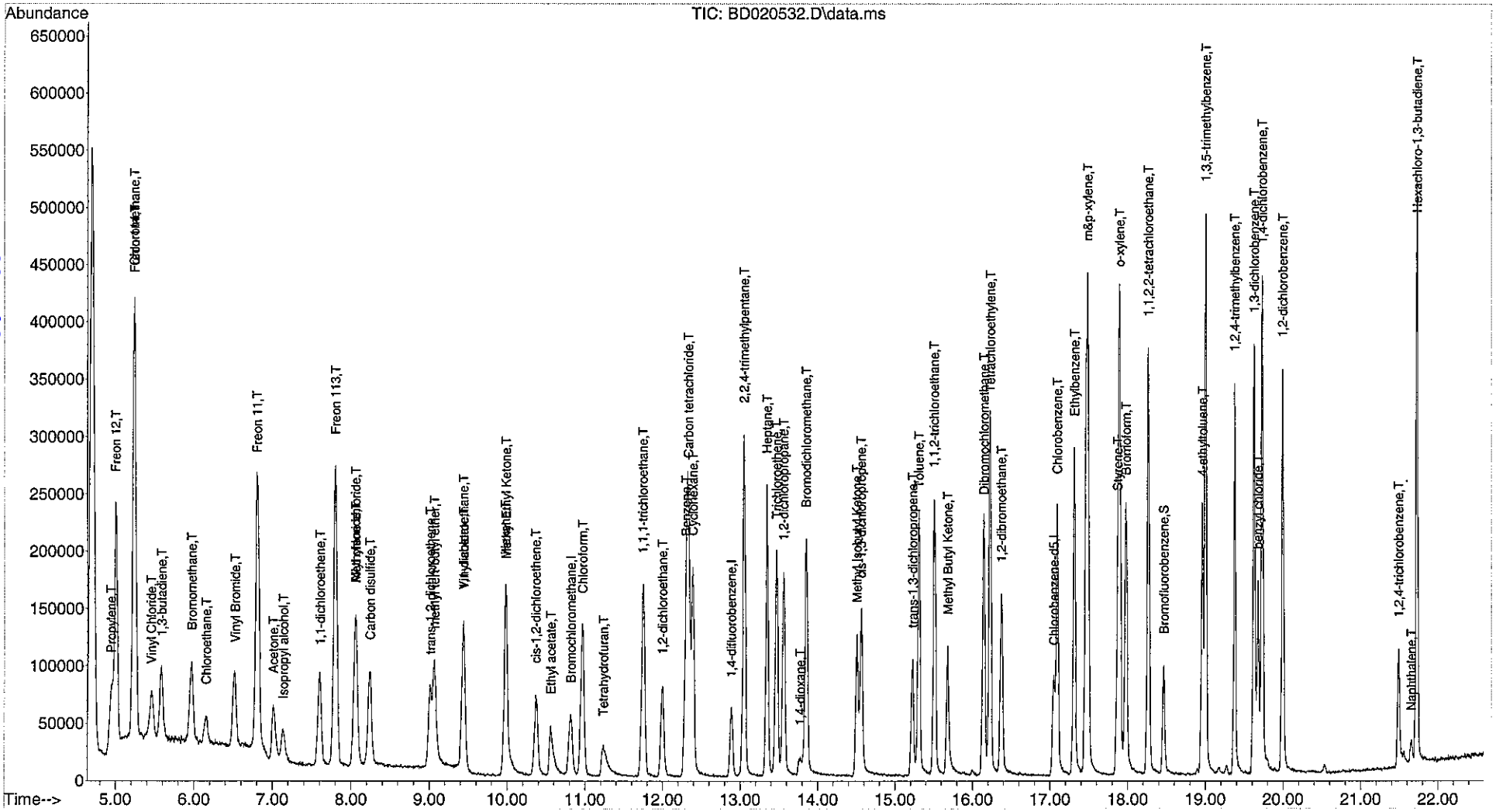
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Tetrachloroethylene	16.228	164	78041	1.53	ppb	98
51) Chlorobenzene	17.092	112	154200	1.62	ppb	98
52) Ethylbenzene	17.314	91	208458	1.87	ppb	100
53) m&p-xylene	17.482	91	427312	3.66	ppb	99
54) Styrene	17.870	104	115465	1.93	ppb	97
55) Bromoform	17.978	173	127447	1.55	ppb	99
56) o-xylene	17.894	91	254955m	1.90	ppb	
58) 1,1,2,2-tetrachloroethane	18.263	83	209579	1.55	ppb	98
59) 4-ethyltoluene	18.959	105	144864m	2.09	ppb	
60) 1,3,5-trimethylbenzene	19.001	105	278117m	1.98	ppb	
61) 1,2,4-trimethylbenzene	19.377	105	173669	2.11	ppb	99
62) 1,3-dichlorobenzene	19.623	146	168718	1.74	ppb	99
63) benzyl chloride	19.674	91	124543	1.83	ppb	99
64) 1,4-dichlorobenzene	19.728	146	194305	1.78	ppb	99
65) 1,2-dichlorobenzene	19.992	146	159053	1.77	ppb	98
66) Naphthalene	21.652	128	16624m	2.25	ppb	
67) 1,2,4-trichlorobenzene	21.490	180	40493	2.42	ppb	88
68) Hexachloro-1,3-butadiene	21.727	225	90250	1.85	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020532.D
Acq On : 6 Feb 2008 8:41 am
Operator :
Sample : B1UT_2.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 06 10:21:34 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 10:15:27 2008
Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

CALIBRATION VERIFICATION

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : BD020703.D
Acq On : 7 Feb 2008 4:54 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 27 14:27:27 2008
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	84	-0.02
2	T	Propylene	1.531	1.600	-4.5	91	-0.02
3	T	Freon 12	9.252	8.445	8.7	75	-0.02
4	T	Chloromethane	2.459	2.460	-0.0	82	0.00
5	T	Freon 114	8.101	7.995	1.3	81	0.00
6	T	Vinyl Chloride	1.918	1.800	6.2	81	-0.02
7	T	1,3-butadiene	1.421	1.351	4.9	83	-0.02
8	T	Bromomethane	2.048	2.157	-5.3	85	-0.03
9	T	Chloroethane	0.832	0.831	0.1	78	-0.01
10	T	Vinyl Bromide	1.890	1.845	2.4	79	-0.02
11	T	Freon 11	8.886	9.401	-5.8	96	-0.02
12	T	Acetone	0.809	0.750	7.3	74	-0.02
13	T	Isopropyl alcohol	1.583	1.808	-14.2	118	-0.02
14	T	1,1-dichloroethene	1.299	1.273	2.0	84	-0.02
15	T	Freon 113	4.784	4.388	8.3	74	0.00
16	T	Methylene chloride	1.871	1.624	13.2	71	-0.02
17	T	Allyl chloride	1.280	1.055	17.6	67	-0.02
18	T	Carbon disulfide	5.514	4.894	11.2	73	-0.02
19	T	trans-1,2-dichloroethene	1.726	1.423	17.6	67	0.00
20	T	methyl tert-butyl ether	2.019	1.734	14.1	64	-0.02
21	T	1,1-dichloroethane	3.493	2.999	14.1	68	-0.01
22	T	Vinyl acetate	1.692	1.434	15.2	65	0.00
23	T	Methyl Ethyl Ketone	3.021	2.466	18.4	57	-0.07
24	T	cis-1,2-dichloroethene	1.582	1.322	16.4	62	0.00
25	T	Hexane	1.527	1.444	5.4	68	0.00
26	T	Ethyl acetate	2.152	1.936	10.0	63	-0.04
27	T	Chloroform	4.335	3.729	14.0	68	-0.01
28	T	Tetrahydrofuran	0.799	0.694	13.1	68	-0.06
29	T	1,2-dichloroethane	2.635	2.253	14.5	66	0.00
30	I	1,4-difluorobenzene	1.000	1.000	0.0	81	-0.01
31	T	1,1,1-trichloroethane	1.721	1.605	6.7	71	0.00
32	T	Cyclohexane	0.594	0.510	14.1	58	0.00
33	T	Carbon tetrachloride	2.059	1.873	9.0	68	-0.01
34	T	Benzene	1.555	1.344	13.6	63	0.00
35	T	1,4-dioxane	0.155	0.141	9.0	64	-0.12
36	T	2,2,4-trimethylpentane	2.049	1.785	12.9	57	0.00
37	T	Heptane	0.681	0.573	15.9	54	0.00
38	T	Trichloroethene	0.792	0.691	12.8	61	-0.02
39	T	1,2-dichloropropane	0.745	0.649	12.9	60	-0.02
40	T	Bromodichloromethane	1.747	1.556	10.9	64	0.00
41	T	cis-1,3-dichloropropene	0.812	0.710	12.6	58	0.00
42	T	trans-1,3-dichloropropene	0.611	0.544	11.0	63	0.00
43	T	1,1,2-trichloroethane	0.966	0.840	13.0	64	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
45	T	Toluene	0.857	0.723	15.6	55	0.00
46	T	Methyl Isobutyl Ketone	0.863	0.732	15.2	60	-0.01
47	T	Dibromochloromethane	1.433	1.206	15.8	63	0.00
48	T	Methyl Butyl Ketone	0.702	0.556	20.8	60	0.00
49	T	1,2-dibromoethane	1.160	0.982	15.3	61	0.00
50	T	Tetrachloroethylene	0.774	0.665	14.1	61	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : BD020703.D
Acq On : 7 Feb 2008 4:54 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 27 14:27:27 2008
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
51	T	Chlorobenzene	1.466	1.206	17.7	60	0.00
52	T	Ethylbenzene	1.573	1.274	19.0	54	0.00
53	T	m&p-xylene	1.497	1.237	17.4	50#	0.00
54	T	Styrene	0.856	0.719	16.0	57	0.00
55	T	Bromoform	1.243	1.046	15.8	60	-0.01
56	T	o-xylene	1.667	1.363	18.2	48#	0.00
57	S	Bromofluorobenzene	0.511	0.535	-4.7	79	0.00
58	T	1,1,2,2-tetrachloroethane	2.101	1.801	14.3	63	0.00
59	T	4-ethyltoluene	0.981	0.769	21.6	52	0.00
60	T	1,3,5-trimethylbenzene	1.774	1.344	24.2	45#	0.00
61	T	1,2,4-trimethylbenzene	1.126	0.875	22.3	50	0.00
62	T	1,3-dichlorobenzene	1.323	1.112	15.9	54	0.00
63	T	benzyl chloride	0.918	0.782	14.8	54	0.00
64	T	1,4-dichlorobenzene	1.414	1.174	17.0	51	0.00
65	T	1,2-dichlorobenzene	1.211	1.043	13.9	55	0.00
66	T	Naphthalene	0.150	0.169	-12.7	107	-0.04
67	T	1,2,4-trichlorobenzene	0.316	0.320	-1.3	90	-0.03
68	T	Hexachloro-1,3-butadiene	0.847	0.709	16.3	68	-0.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020703.D
Acq On : 7 Feb 2008 4:54 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 27 14:27:27 2008
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.800	128	17935	1.00	ppb		-0.02
30) 1,4-difluorobenzene	12.874	114	41936	1.00	ppb		-0.01
44) Chlorobenzene-d5	17.047	117	44241	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	23680	1.05	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 105.00%				
Target Compounds							Qvalue
2) Propylene	4.904	41	28701	1.05	ppb		85
3) Freon 12	4.973	85	151470	0.91	ppb		100
4) Chloromethane	5.207	50	44115	1.00	ppb		98
5) Freon 114	5.207	85	143392	0.99	ppb		98
6) Vinyl Chloride	5.420	62	32282	0.94	ppb		97
7) 1,3-butadiene	5.546	39	24233	0.95	ppb		95
8) Bromomethane	5.934	94	38689	1.05	ppb		93
9) Chloroethane	6.117	64	14911	1.00	ppb		96
10) Vinyl Bromide	6.483	106	33094	0.98	ppb		96
11) Freon 11	6.771	101	168599	1.06	ppb		100
12) Acetone	6.978	58	13454	0.93	ppb	#	73
13) Isopropyl alcohol	7.110	45	32428	1.14	ppb	#	100
14) 1,1-dichloroethene	7.564	96	22837	0.98	ppb		95
15) Freon 113	7.774	101	78694	0.92	ppb		99
16) Methylene chloride	8.029	84	29129	0.87	ppb		97
17) Allyl chloride	8.011	41	18921	0.82	ppb		92
18) Carbon disulfide	8.212	76	87780	0.89	ppb		98
19) trans-1,2-dichloroethene	8.990	61	25527	0.82	ppb		96
20) methyl tert-butyl ether	9.047	73	31105	0.86	ppb		98
21) 1,1-dichloroethane	9.416	63	53781	0.86	ppb		100
22) Vinyl acetate	9.419	43	25715	0.85	ppb		97
23) Methyl Ethyl Ketone	9.977	43	44219	0.82	ppb		89
24) cis-1,2-dichloroethene	10.349	61	23703	0.84	ppb		99
25) Hexane	9.959	41	25906	0.95	ppb		91
26) Ethyl acetate	10.551	43	34722	0.90	ppb		97
27) Chloroform	10.947	83	66887	0.86	ppb		99
28) Tetrahydrofuran	11.220	42	12449m	0.87	ppb		
29) 1,2-dichloroethane	11.986	62	40410	0.86	ppb		99
31) 1,1,1-trichloroethane	11.739	97	67304	0.93	ppb		96
32) Cyclohexane	12.382	56	21408	0.86	ppb	#	59
33) Carbon tetrachloride	12.319	117	78537	0.91	ppb		98
34) Benzene	12.289	78	56359m	0.86	ppb		
35) 1,4-dioxane	13.793	88	5919m	0.91	ppb		
36) 2,2,4-trimethylpentane	13.042	57	74871	0.87	ppb		95
37) Heptane	13.336	43	24009	0.84	ppb		97
38) Trichloroethene	13.457	130	28994	0.87	ppb		97
39) 1,2-dichloropropane	13.550	63	27198	0.87	ppb		98
40) Bromodichloromethane	13.844	83	65232	0.89	ppb		99
41) cis-1,3-dichloropropene	14.555	75	29756	0.87	ppb		96
42) trans-1,3-dichloropropene	15.219	75	22808	0.89	ppb		99
43) 1,1,2-trichloroethane	15.501	97	35229	0.87	ppb		99
45) Toluene	15.303	92	31975	0.84	ppb		97
46) Methyl Isobutyl Ketone	14.501	43	32376	0.85	ppb		96
47) Dibromochloromethane	16.140	129	53337	0.84	ppb		100
48) Methyl Butyl Ketone	15.678	43	24613	0.79	ppb		97
49) 1,2-dibromoethane	16.368	107	43438	0.85	ppb		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020703.D
Acq On : 7 Feb 2008 4:54 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 27 14:27:27 2008
Response via : Initial Calibration

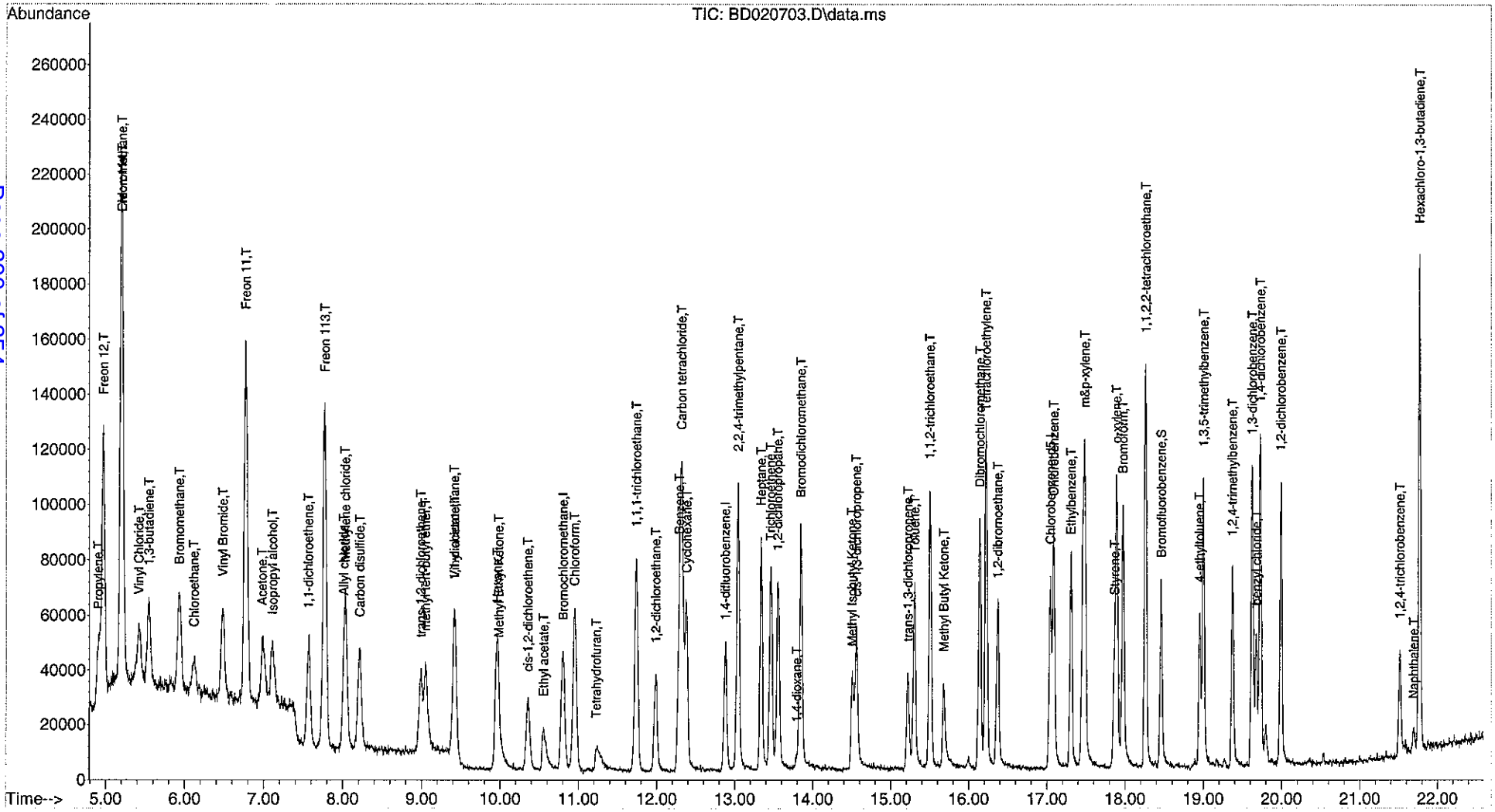
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Tetrachloroethylene	16.218	164	29399	0.86	ppb	99
51) Chlorobenzene	17.086	112	53371	0.82	ppb	99
52) Ethylbenzene	17.308	91	56366	0.81	ppb	98
53) m&p-xylene	17.482	91	109465	1.65	ppb	97
54) Styrene	17.863	104	31815	0.84	ppb	93
55) Bromoform	17.971	173	46258	0.84	ppb	99
56) o-xylene	17.890	91	60288m	0.82	ppb	
58) 1,1,2,2-tetrachloroethane	18.263	83	79658	0.86	ppb	98
59) 4-ethyltoluene	18.950	105	34009m	0.78	ppb	
60) 1,3,5-trimethylbenzene	19.004	105	59451m	0.76	ppb	
61) 1,2,4-trimethylbenzene	19.370	105	38732	0.78	ppb	98
62) 1,3-dichlorobenzene	19.623	146	49176	0.84	ppb	99
63) benzyl chloride	19.677	91	34596	0.85	ppb	97
64) 1,4-dichlorobenzene	19.728	146	51959	0.83	ppb	98
65) 1,2-dichlorobenzene	19.992	146	46160	0.86	ppb	95
66) Naphthalene	21.691	128	7458m	1.12	ppb	
67) 1,2,4-trichlorobenzene	21.514	180	14141	1.01	ppb	86
68) Hexachloro-1,3-butadiene	21.772	225	31368	0.84	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020703.D
Acq On : 7 Feb 2008 4:54 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 27 14:27:27 2008
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : BD020902.D
Acq On : 9 Feb 2008 5:30 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	84	0.00
2	T	Propylene	1.531	1.335	12.8	77	0.04
3	T	Freon 12	9.252	9.830	-6.2	88	0.03
4	T	Chloromethane	2.459	3.013	-22.5	102	0.05
5	T	Freon 114	8.101	10.154	-25.3	104	0.04
6	T	Vinyl Chloride	1.918	2.199	-14.7	100	0.04
7	T	1,3-butadiene	1.421	1.709	-20.3	106	0.04
8	T	Bromomethane	2.048	2.654	-29.6	106	0.03
9	T	Chloroethane	0.832	1.079	-29.7	102	0.04
10	T	Vinyl Bromide	1.890	2.445	-29.4	105	0.03
11	T	Freon 11	8.886	11.502	-29.4	119	0.03
12	T	Acetone	0.809	0.823	-1.7	82	0.04
13	T	Isopropyl alcohol	1.583	1.116	29.5	74	0.03
14	T	1,1-dichloroethene	1.299	1.370	-5.5	91	0.03
15	T	Freon 113	4.784	5.733	-19.8	98	0.04
16	T	Methylene chloride	1.871	2.084	-11.4	92	0.03
17	T	Allyl chloride	1.280	1.106	13.6	71	0.03
18	T	Carbon disulfide	5.514	5.845	-6.0	88	0.03
19	T	trans-1,2-dichloroethene	1.726	1.717	0.5	81	0.03
20	T	methyl tert-butyl ether	2.019	2.308	-14.3	87	0.02
21	T	1,1-dichloroethane	3.493	3.821	-9.4	87	0.02
22	T	Vinyl acetate	1.692	1.659	2.0	76	0.03
23	T	Methyl Ethyl Ketone	3.021	3.237	-7.1	75	-0.03
24	T	cis-1,2-dichloroethene	1.582	1.631	-3.1	77	0.02
25	T	Hexane	1.527	1.512	1.0	71	0.03
26	T	Ethyl acetate	2.152	2.170	-0.8	71	-0.02
27	T	Chloroform	4.335	5.111	-17.9	94	0.01
28	T	Tetrahydrofuran	0.799	0.821	-2.8	81	-0.01
29	T	1,2-dichloroethane	2.635	2.901	-10.1	85	0.01
30	I	1,4-difluorobenzene	1.000	1.000	0.0	79	0.00
31	T	1,1,1-trichloroethane	1.721	2.223	-29.2	95	0.00
32	T	Cyclohexane	0.594	0.688	-15.8	76	0.00
33	T	Carbon tetrachloride	2.059	2.647	-28.6	93	0.00
34	T	Benzene	1.555	1.883	-21.1	86	0.00
35	T	1,4-dioxane	0.155	0.199	-28.4	88	-0.11
36	T	2,2,4-trimethylpentane	2.049	2.370	-15.7	73	0.00
37	T	Heptane	0.681	0.804	-18.1	74	0.00
38	T	Trichloroethene	0.792	1.021	-28.9	87	0.00
39	T	1,2-dichloropropane	0.745	0.910	-22.1	82	0.00
40	T	Bromodichloromethane	1.747	2.220	-27.1	88	0.00
41	T	cis-1,3-dichloropropene	0.812	1.036	-27.6	82	0.00
42	T	trans-1,3-dichloropropene	0.611	0.755	-23.6	85	0.00
43	T	1,1,2-trichloroethane	0.966	1.226	-26.9	90	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
45	T	Toluene	0.857	1.100	-28.4	83	0.00
46	T	Methyl Isobutyl Ketone	0.863	0.847	1.9	68	0.00
47	T	Dibromochloromethane	1.433	1.799	-25.5	93	0.00
48	T	Methyl Butyl Ketone	0.702	0.706	-0.6	75	0.00
49	T	1,2-dibromoethane	1.160	1.474	-27.1	91	0.00
50	T	Tetrachloroethylene	0.774	0.998	-28.9	91	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : BD020902.D
Acq On : 9 Feb 2008 5:30 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
51	T	Chlorobenzene	1.466	1.805	-23.1	88	0.00
52	T	Ethylbenzene	1.573	2.017	-28.2	84	0.00
53	T	m&p-xylene	1.497	1.940	-29.6	77	0.00
54	T	Styrene	0.856	1.107	-29.3	86	0.00
55	T	Bromoform	1.243	1.717	-38.1#	97	0.00
56	T	o-xylene	1.667	2.160	-29.6	75	0.00
57	S	Bromofluorobenzene	0.511	0.543	-6.3	79	0.00
58	T	1,1,2,2-tetrachloroethane	2.101	2.559	-21.8	88	0.00
59	T	4-ethyltoluene	0.981	1.269	-29.4	85	0.00
60	T	1,3,5-trimethylbenzene	1.774	2.272	-28.1	75	0.00
61	T	1,2,4-trimethylbenzene	1.126	1.454	-29.1	82	0.00
62	T	1,3-dichlorobenzene	1.323	1.715	-29.6	82	0.00
63	T	benzyl chloride	0.918	1.274	-38.8#	87	0.00
64	T	1,4-dichlorobenzene	1.414	1.832	-29.6	78	0.00
65	T	1,2-dichlorobenzene	1.211	1.570	-29.6	81	0.00
66	T	Naphthalene	0.150	0.109	27.3	68	0.00
67	T	1,2,4-trichlorobenzene	0.316	0.225	28.8	62	-0.02
68	T	Hexachloro-1,3-butadiene	0.847	0.758	10.5	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020902.D
Acq On : 9 Feb 2008 5:30 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.821	128	18107	1.00	ppb	#	0.00
30) 1,4-difluorobenzene	12.895	114	40671	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	43627	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	23671	1.06	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 106.00%				
Target Compounds							Qvalue
2) Propylene	4.964	41	24170	0.87	ppb		90
3) Freon 12	5.024	85	177988	1.06	ppb		100
4) Chloromethane	5.261	50	54565	1.23	ppb		95
5) Freon 114	5.261	85	183856	1.25	ppb		97
6) Vinyl Chloride	5.480	62	39826	1.15	ppb		99
7) 1,3-butadiene	5.603	39	30942	1.20	ppb		87
8) Bromomethane	5.990	94	48057m	1.30	ppb		
9) Chloroethane	6.170	64	19535m	1.30	ppb		
10) Vinyl Bromide	6.537	106	44269m	1.29	ppb		
11) Freon 11	6.819	101	208260	1.29	ppb		100
12) Acetone	7.041	58	14903	1.02	ppb	#	56
13) Isopropyl alcohol	7.164	45	20204m	0.71	ppb		
14) 1,1-dichloroethene	7.617	96	24800	1.05	ppb		88
15) Freon 113	7.819	101	103812	1.20	ppb		95
16) Methylene chloride	8.083	84	37728	1.11	ppb		93
17) Allyl chloride	8.062	41	20026	0.86	ppb		84
18) Carbon disulfide	8.260	76	105835	1.06	ppb		99
19) trans-1,2-dichloroethene	9.019	61	31094	1.00	ppb		100
20) methyl tert-butyl ether	9.088	73	41783	1.14	ppb		90
21) 1,1-dichloroethane	9.452	63	69192	1.09	ppb		94
22) Vinyl acetate	9.455	43	30038	0.98	ppb		95
23) Methyl Ethyl Ketone	10.013	43	58611	1.07	ppb		95
24) cis-1,2-dichloroethene	10.382	61	29529	1.03	ppb		91
25) Hexane	9.992	41	27373	0.99	ppb		93
26) Ethyl acetate	10.574	43	39290	1.01	ppb		94
27) Chloroform	10.974	83	92546	1.18	ppb		99
28) Tetrahydrofuran	11.271	42	14870m	1.03	ppb		
29) 1,2-dichloroethane	12.003	62	52536	1.10	ppb		97
31) 1,1,1-trichloroethane	11.748	97	90431m	1.29	ppb		
32) Cyclohexane	12.394	56	27978	1.16	ppb	#	50
33) Carbon tetrachloride	12.337	117	107641m	1.29	ppb		
34) Benzene	12.304	78	76572m	1.21	ppb		
35) 1,4-dioxane	13.799	88	8084m	1.28	ppb		
36) 2,2,4-trimethylpentane	13.054	57	96403	1.16	ppb		98
37) Heptane	13.351	43	32710	1.18	ppb		96
38) Trichloroethene	13.474	130	41523m	1.29	ppb		
39) 1,2-dichloropropane	13.567	63	36998	1.22	ppb		98
40) Bromodichloromethane	13.853	83	90307	1.27	ppb		99
41) cis-1,3-dichloropropene	14.567	75	42122m	1.28	ppb		
42) trans-1,3-dichloropropene	15.224	75	30696	1.24	ppb		98
43) 1,1,2-trichloroethane	15.510	97	49874	1.27	ppb		100
45) Toluene	15.312	92	47971m	1.28	ppb		
46) Methyl Isobutyl Ketone	14.513	43	36938	0.98	ppb		92
47) Dibromochloromethane	16.149	129	78473	1.26	ppb		98
48) Methyl Butyl Ketone	15.684	43	30783	1.00	ppb		99
49) 1,2-dibromoethane	16.374	107	64294m	1.27	ppb		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020902.D
Acq On : 9 Feb 2008 5:30 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

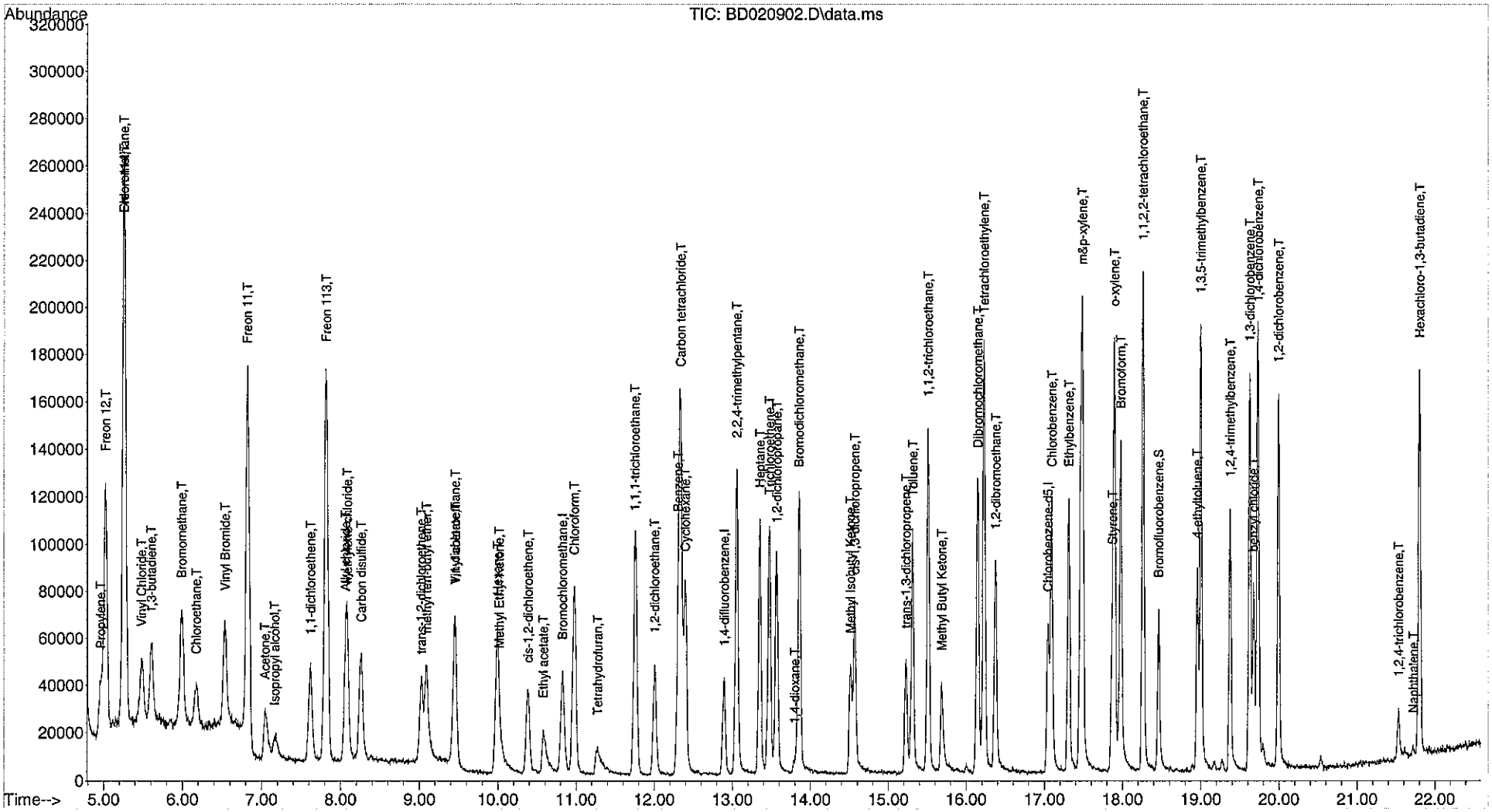
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Tetrachloroethylene	16.227	164	43528m	1.29	ppb		
51) Chlorobenzene	17.095	112	78768	1.23	ppb		98
52) Ethylbenzene	17.314	91	88010	1.28	ppb		96
53) m&p-xylene	17.485	91	169316m	2.59	ppb		
54) Styrene	17.869	104	48309m	1.29	ppb		
55) Bromoform	17.977	173	74916	1.38	ppb		98
56) o-xylene	17.896	91	94230m	1.30	ppb		
58) 1,1,2,2-tetrachloroethane	18.262	83	111632	1.22	ppb		99
59) 4-ethyltoluene	18.956	105	55350m	1.29	ppb		
60) 1,3,5-trimethylbenzene	19.001	105	99132m	1.28	ppb		
61) 1,2,4-trimethylbenzene	19.376	105	63442	1.29	ppb		97
62) 1,3-dichlorobenzene	19.625	146	74836m	1.30	ppb		
63) benzyl chloride	19.673	91	55584m	1.39	ppb		
64) 1,4-dichlorobenzene	19.733	146	79938m	1.30	ppb		
65) 1,2-dichlorobenzene	19.995	146	68504m	1.30	ppb		
66) Naphthalene	21.724	128	4738	0.72	ppb	#	93
67) 1,2,4-trichlorobenzene	21.532	180	9797m	0.71	ppb		
68) Hexachloro-1,3-butadiene	21.805	225	33082	0.89	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020902.D
Acq On : 9 Feb 2008 5:30 pm
Operator :
Sample : B1UT_1.0
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration



GC/MS VOLATILES-WHOLE AIR

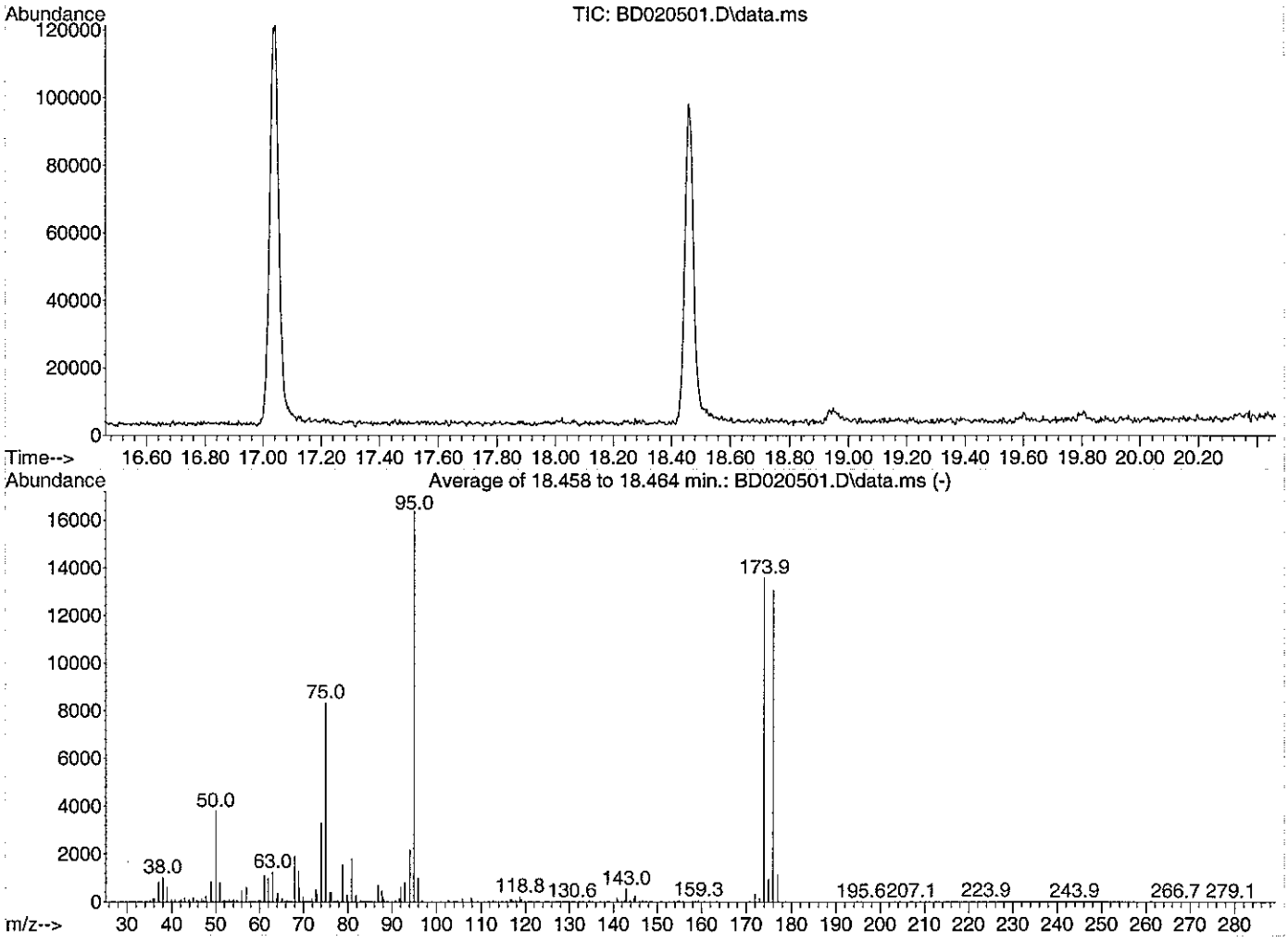
METHOD TO-15

RAW DATA

Data Path : C:\msdchem\1\DATA\
Data File : BD020501.D
Acq On : 5 Feb 2008 3:31 pm
Operator :
Sample : BFB
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\msdchem\1\METHODS\B205D_1UT.M
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Thu Feb 28 14:05:11 2008



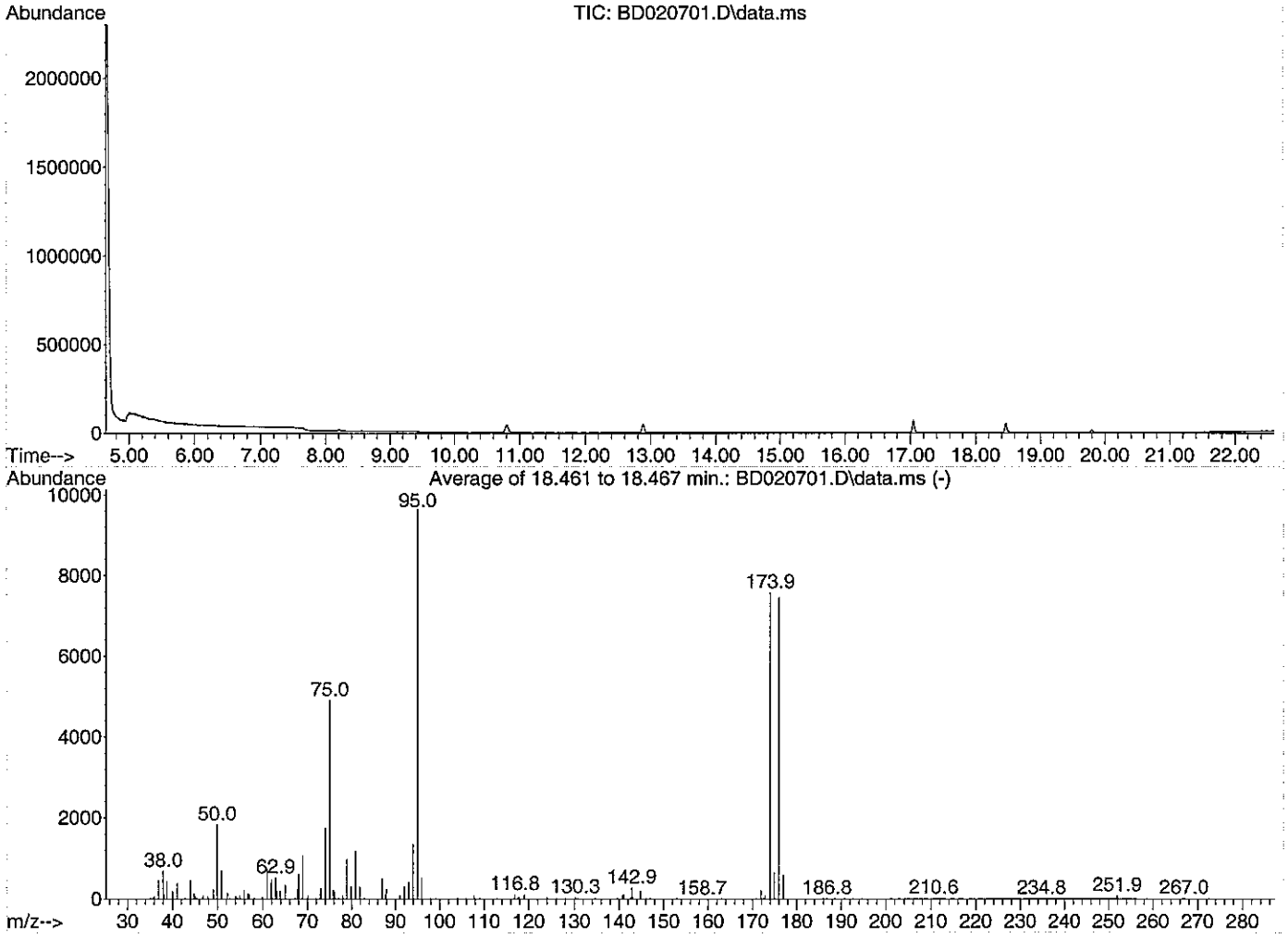
Spectrum Information: Average of 18.458 to 18.464 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	23.1	3791	PASS
75	95	30	66	50.9	8337	PASS
95	95	100	100	100.0	16389	PASS
96	95	5	9	6.1	999	PASS
173	174	0.00	2	1.2	157	PASS
174	95	50	120	82.8	13578	PASS
175	174	4	9	6.9	942	PASS
176	174	95	101	96.1	13043	PASS
177	176	5	9	8.8	1146	PASS

Data Path : C:\msdchem\1\DATA\
Data File : BD020701.D
Acq On : 7 Feb 2008 3:34 pm
Operator :
Sample : BFB
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\msdchem\1\METHODS\B205D_1UT.M
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Wed Feb 06 11:50:55 2008



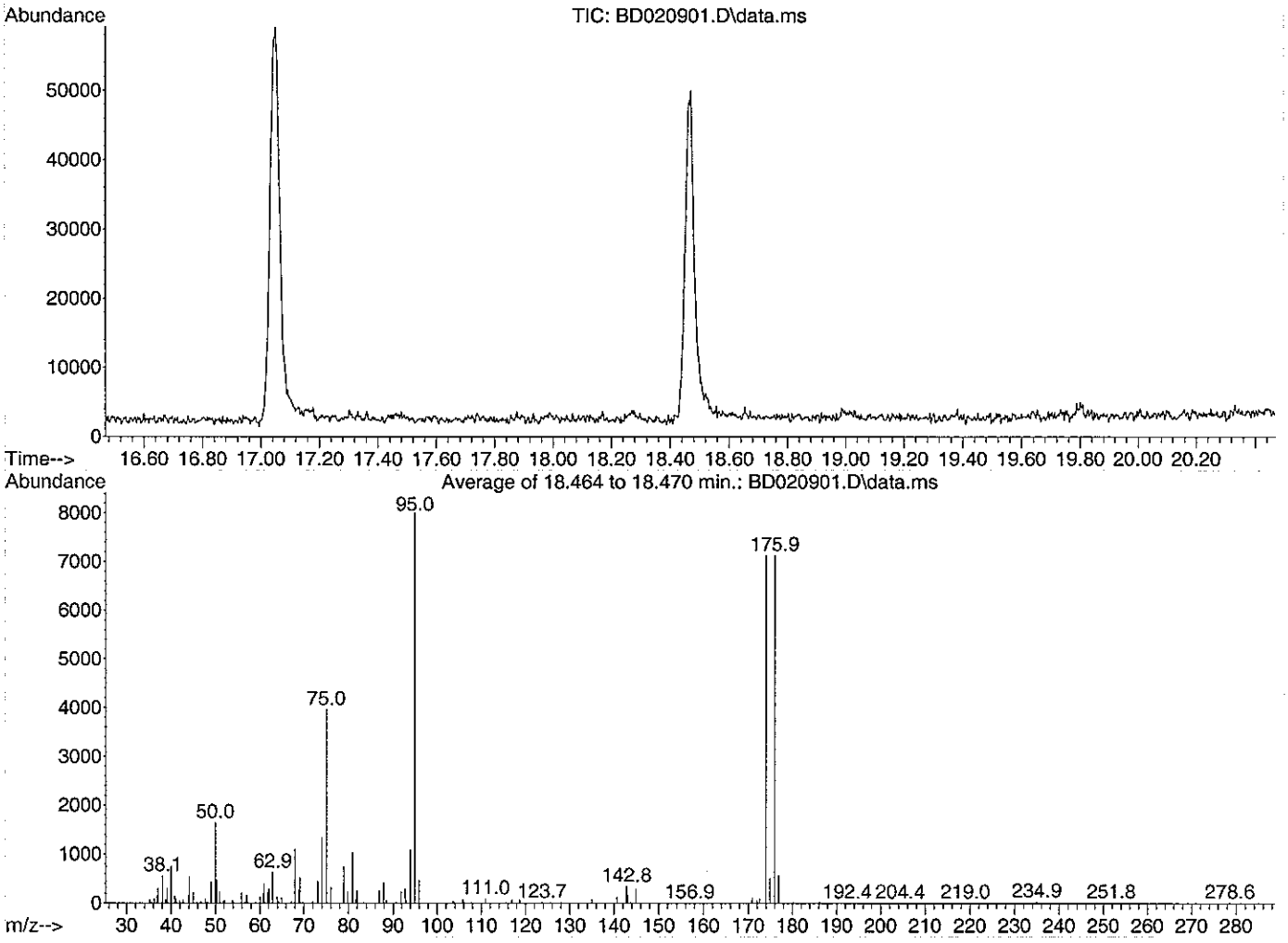
Spectrum Information: Average of 18.461 to 18.467 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.0	1832	PASS
75	95	30	66	50.8	4905	PASS
95	95	100	100	100.0	9656	PASS
96	95	5	9	5.4	517	PASS
173	174	0.00	2	1.2	93	PASS
174	95	50	120	78.5	7578	PASS
175	174	4	9	8.6	650	PASS
176	174	95	101	98.4	7455	PASS
177	176	5	9	7.9	591	PASS

Data Path : C:\msdchem\1\DATA\
Data File : BD020901.D
Acq On : 9 Feb 2008 4:57 pm
Operator :
Sample : BFB
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\msdchem\1\METHODS\B205D_1UT.M
Title : TO-15 VOA Standards for 5 point calibration
Last Update : Wed Feb 06 11:50:55 2008



Spectrum Information: Average of 18.464 to 18.470 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	20.6	1650	PASS
75	95	30	66	49.4	3963	PASS
95	95	100	100	100.0	8015	PASS
96	95	5	9	5.8	463	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	88.9	7127	PASS
175	174	4	9	7.2	514	PASS
176	174	95	101	100.1	7132	PASS
177	176	5	9	7.9	566	PASS

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

RAW QC DATA

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **MB1UT-020708** SampType: **MBLK** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1488**
Client ID: **ZZZZZ** Batch ID: **R1488** TestNo: **TO-15** Analysis Date: **2/7/2008** SeqNo: **22144**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.150									
1,1,2,2-Tetrachloroethane	ND	0.150									
1,1,2-Trichloroethane	ND	0.150									
1,1-Dichloroethane	ND	0.150									
1,1-Dichloroethene	ND	0.150									
1,2,4-Trichlorobenzene	ND	0.150									
1,2,4-Trimethylbenzene	ND	0.150									
1,2-Dibromoethane	ND	0.150									
1,2-Dichlorobenzene	ND	0.150									
1,2-Dichloroethane	ND	0.150									
1,2-Dichloropropane	ND	0.150									
1,3,5-Trimethylbenzene	ND	0.150									
1,3-butadiene	ND	0.150									
1,3-Dichlorobenzene	ND	0.150									
1,4-Dichlorobenzene	ND	0.150									
1,4-Dioxane	ND	0.300									
2,2,4-trimethylpentane	ND	0.150									
4-ethyltoluene	ND	0.150									
Acetone	ND	0.300									
Allyl chloride	ND	0.150									
Benzene	ND	0.150									
Benzyl chloride	ND	0.150									
Bromodichloromethane	ND	0.150									
Bromoform	ND	0.150									
Bromomethane	ND	0.150									
Carbon disulfide	ND	0.150									
Carbon tetrachloride	ND	0.0400									
Chlorobenzene	ND	0.150									
Chloroethane	ND	0.150									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **MB1UT-020708** SampType: **MBLK** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1488**
Client ID: **ZZZZZ** Batch ID: **R1488** TestNo: **TO-15** Analysis Date: **2/7/2008** SeqNo: **22144**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.150									
Chloromethane	ND	0.150									
cis-1,2-Dichloroethene	ND	0.150									
cis-1,3-Dichloropropene	ND	0.150									
Cyclohexane	ND	0.150									
Dibromochloromethane	ND	0.150									
Ethyl acetate	ND	0.250									
Ethylbenzene	ND	0.150									
Freon 11	ND	0.150									
Freon 113	ND	0.150									
Freon 114	ND	0.150									
Freon 12	ND	0.150									
Heptane	ND	0.150									
Hexachloro-1,3-butadiene	ND	0.150									
Hexane	ND	0.150									
Isopropyl alcohol	ND	0.150									
m&p-Xylene	ND	0.300									
Methyl Butyl Ketone	ND	0.300									
Methyl Ethyl Ketone	ND	0.300									
Methyl Isobutyl Ketone	ND	0.300									
Methyl tert-butyl ether	ND	0.150									
Methylene chloride	ND	0.150									
o-Xylene	ND	0.150									
Propylene	ND	0.150									
Styrene	ND	0.150									
Tetrachloroethylene	ND	0.150									
Tetrahydrofuran	ND	0.150									
Toluene	ND	0.150									
trans-1,2-Dichloroethene	ND	0.150									
trans-1,3-Dichloropropene	ND	0.150									
Trichloroethene	ND	0.0400									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: MB1UT-020708	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 1488
Client ID: ZZZZZ	Batch ID: R1488	TestNo: TO-15		Analysis Date: 2/7/2008	SeqNo: 22144

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl acetate	ND	0.150									
Vinyl Bromide	ND	0.150									
Vinyl chloride	ND	0.0400									
Surr: Bromofluorobenzene	0.7800	0	1	0	78.0	70	130				

Sample ID: MB1UT-020908	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 1490
Client ID: ZZZZZ	Batch ID: R1490	TestNo: TO-15		Analysis Date: 2/9/2008	SeqNo: 22176

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.150									
1,1,2,2-Tetrachloroethane	ND	0.150									
1,1,2-Trichloroethane	ND	0.150									
1,1-Dichloroethane	ND	0.150									
1,1-Dichloroethene	ND	0.150									
1,2,4-Trichlorobenzene	ND	0.150									
1,2,4-Trimethylbenzene	ND	0.150									
1,2-Dibromoethane	ND	0.150									
1,2-Dichlorobenzene	ND	0.150									
1,2-Dichloroethane	ND	0.150									
1,2-Dichloropropane	ND	0.150									
1,3,5-Trimethylbenzene	ND	0.150									
1,3-butadiene	ND	0.150									
1,3-Dichlorobenzene	ND	0.150									
1,4-Dichlorobenzene	ND	0.150									
1,4-Dioxane	ND	0.300									
2,2,4-trimethylpentane	ND	0.150									
4-ethyltoluene	ND	0.150									
Acetone	ND	0.300									
Allyl chloride	ND	0.150									
Benzene	ND	0.150									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **MB1UT-020908** SampType: **MBLK** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1490**
Client ID: **ZZZZZ** Batch ID: **R1490** TestNo: **TO-15** Analysis Date: **2/9/2008** SeqNo: **22176**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl chloride	ND	0.150									
Bromodichloromethane	ND	0.150									
Bromoform	ND	0.150									
Bromomethane	ND	0.150									
Carbon disulfide	ND	0.150									
Carbon tetrachloride	ND	0.0400									
Chlorobenzene	ND	0.150									
Chloroethane	ND	0.150									
Chloroform	ND	0.150									
Chloromethane	ND	0.150									
cis-1,2-Dichloroethene	ND	0.150									
cis-1,3-Dichloropropene	ND	0.150									
Cyclohexane	ND	0.150									
Dibromochloromethane	ND	0.150									
Ethyl acetate	ND	0.250									
Ethylbenzene	ND	0.150									
Freon 11	ND	0.150									
Freon 113	ND	0.150									
Freon 114	ND	0.150									
Freon 12	ND	0.150									
Heptane	ND	0.150									
Hexachloro-1,3-butadiene	ND	0.150									
Hexane	ND	0.150									
Isopropyl alcohol	ND	0.150									
m&p-Xylene	ND	0.300									
Methyl Butyl Ketone	ND	0.300									
Methyl Ethyl Ketone	ND	0.300									
Methyl Isobutyl Ketone	ND	0.300									
Methyl tert-butyl ether	ND	0.150									
Methylene chloride	ND	0.150									
o-Xylene	ND	0.150									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **MB1UT-020908** SampType: **MBLK** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1490**
Client ID: **ZZZZZ** Batch ID: **R1490** TestNo: **TO-15** Analysis Date: **2/9/2008** SeqNo: **22176**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	ND	0.150									
Styrene	ND	0.150									
Tetrachloroethylene	ND	0.150									
Tetrahydrofuran	ND	0.150									
Toluene	ND	0.150									
trans-1,2-Dichloroethene	ND	0.150									
trans-1,3-Dichloropropene	ND	0.150									
Trichloroethene	ND	0.0400									
Vinyl acetate	ND	0.150									
Vinyl Bromide	ND	0.150									
Vinyl chloride	ND	0.0400									
Surr: Bromofluorobenzene	0.7700	0	1	0	77.0	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020705.D
Acq On : 7 Feb 2008 6:39 pm
Operator :
Sample : MB1UT-020708
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 16:53:39 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

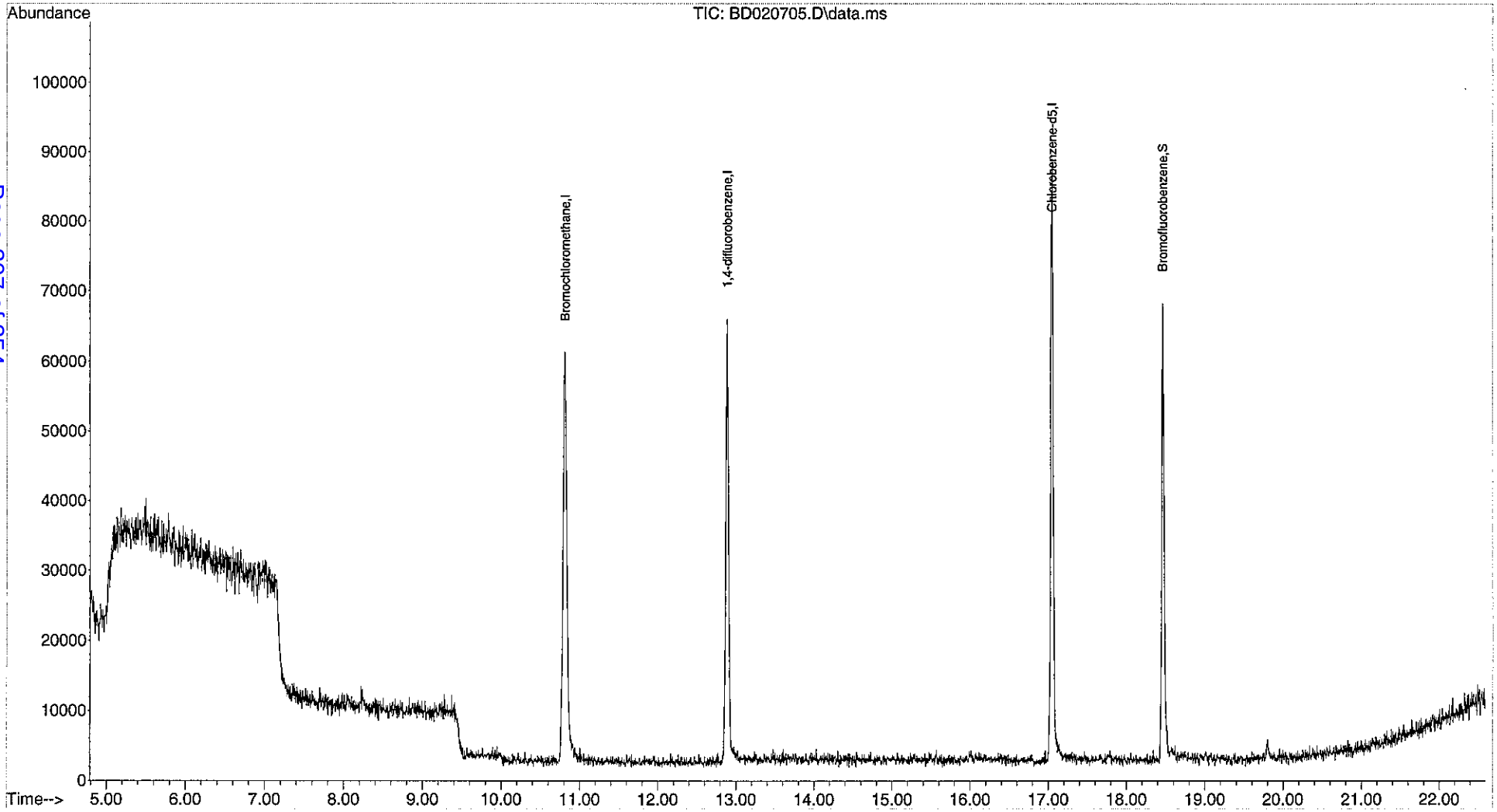
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.812	128	24238	1.00	ppb	0.00
30) 1,4-difluorobenzene	12.886	114	58976	1.00	ppb	0.00
44) Chlorobenzene-d5	17.047	117	59468	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.461	95	23654	0.78	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 78.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020705.D
Acq On : 7 Feb 2008 6:39 pm
Operator :
Sample : MB1UT-020708
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 16:53:39 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020904.D
Acq On : 9 Feb 2008 6:36 pm
Operator :
Sample : MB1UT-020908
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 18:54:32 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

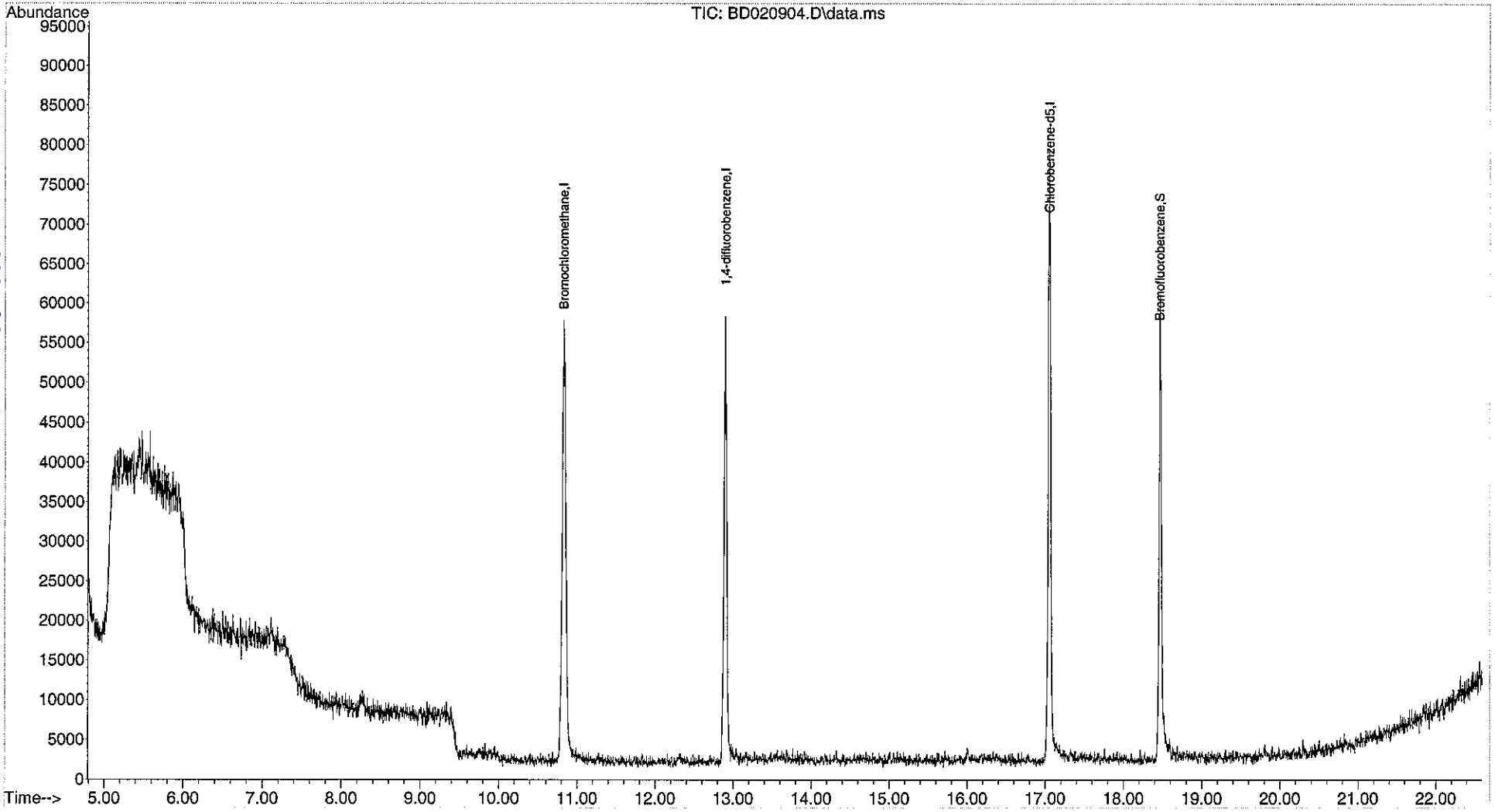
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.824	128	24357	1.00	ppb	# 0.00
30) 1,4-difluorobenzene	12.895	114	53829	1.00	ppb	0.00
44) Chlorobenzene-d5	17.047	117	55389	1.00	ppb	0.00
System Monitoring Compounds						
57) Bromofluorobenzene	18.458	95	21674	0.77	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 77.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020904.D
Acq On : 9 Feb 2008 6:36 pm
Operator :
Sample : MB1UT-020908
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 18:54:32 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration



CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020708** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1488**
Client ID: **ZZZZZ** Batch ID: **R1488** TestNo: **TO-15** Analysis Date: **2/7/2008** SeqNo: **22145**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.110	0.150	1	0	111	70	130				
1,1,2,2-Tetrachloroethane	0.9800	0.150	1	0	98.0	70	130				
1,1,2-Trichloroethane	1.070	0.150	1	0	107	70	130				
1,1-Dichloroethane	1.100	0.150	1	0	110	70	130				
1,1-Dichloroethene	1.720	0.150	1	0	172	70	130				S
1,2,4-Trichlorobenzene	1.050	0.150	1	0	105	70	130				
1,2,4-Trimethylbenzene	1.020	0.150	1	0	102	70	130				
1,2-Dibromoethane	1.050	0.150	1	0	105	70	130				
1,2-Dichlorobenzene	1.140	0.150	1	0	114	70	130				
1,2-Dichloroethane	1.070	0.150	1	0	107	70	130				
1,2-Dichloropropane	1.090	0.150	1	0	109	70	130				
1,3,5-Trimethylbenzene	1.140	0.150	1	0	114	70	130				
1,3-butadiene	1.230	0.150	1	0	123	70	130				
1,3-Dichlorobenzene	1.090	0.150	1	0	109	70	130				
1,4-Dichlorobenzene	1.140	0.150	1	0	114	70	130				
1,4-Dioxane	1.020	0.300	1	0	102	70	130				
2,2,4-trimethylpentane	1.180	0.150	1	0	118	70	130				
4-ethyltoluene	1.140	0.150	1	0	114	70	130				
Acetone	1.040	0.300	1	0	104	70	130				
Allyl chloride	1.520	0.150	1	0	152	70	130				S
Benzene	1.120	0.150	1	0	112	70	130				
Benzyl chloride	1.260	0.150	1	0	126	70	130				
Bromodichloromethane	1.100	0.150	1	0	110	70	130				
Bromoform	1.000	0.150	1	0	100	70	130				
Bromomethane	1.130	0.150	1	0	113	70	130				
Carbon disulfide	1.280	0.150	1	0	128	70	130				
Carbon tetrachloride	1.100	0.0400	1	0	110	70	130				
Chlorobenzene	1.030	0.150	1	0	103	70	130				
Chloroethane	1.180	0.150	1	0	118	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020708**	SampType: **LCS**	TestCode: **0.25CT-TCE-**	Units: **ppbV**	Prep Date:	RunNo: **1488**
Client ID: **ZZZZZ**	Batch ID: **R1488**	TestNo: **TO-15**		Analysis Date: **2/7/2008**	SeqNo: **22145**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	1.050	0.150	1	0	105	70	130				
Chloromethane	1.220	0.150	1	0	122	70	130				
cis-1,2-Dichloroethene	1.030	0.150	1	0	103	70	130				
cis-1,3-Dichloropropene	1.260	0.150	1	0	126	70	130				
Cyclohexane	1.150	0.150	1	0	115	70	130				
Dibromochloromethane	1.060	0.150	1	0	106	70	130				
Ethyl acetate	1.240	0.250	1	0	124	70	130				
Ethylbenzene	1.110	0.150	1	0	111	70	130				
Freon 11	1.280	0.150	1	0	128	70	130				
Freon 113	1.300	0.150	1	0	130	70	130				
Freon 114	1.120	0.150	1	0	112	70	130				
Freon 12	1.060	0.150	1	0	106	70	130				
Heptane	1.220	0.150	1	0	122	70	130				
Hexachloro-1,3-butadiene	0.9800	0.150	1	0	98.0	70	130				
Hexane	1.300	0.150	1	0	130	70	130				
Isopropyl alcohol	1.470	0.150	1	0	147	70	130				S
m&p-Xylene	2.340	0.300	2	0	117	70	130				
Methyl Butyl Ketone	1.220	0.300	1	0	122	70	130				
Methyl Ethyl Ketone	1.280	0.300	1	0	128	70	130				
Methyl Isobutyl Ketone	1.150	0.300	1	0	115	70	130				
Methyl tert-butyl ether	1.300	0.150	1	0	130	70	130				
Methylene chloride	1.110	0.150	1	0	111	70	130				
o-Xylene	1.190	0.150	1	0	119	70	130				
Propylene	1.440	0.150	1	0	144	70	130				S
Styrene	1.080	0.150	1	0	108	70	130				
Tetrachloroethylene	1.030	0.150	1	0	103	70	130				
Tetrahydrofuran	1.230	0.150	1	0	123	70	130				
Toluene	1.100	0.150	1	0	110	70	130				
trans-1,2-Dichloroethene	1.180	0.150	1	0	118	70	130				
trans-1,3-Dichloropropene	1.100	0.150	1	0	110	70	130				
Trichloroethene	1.060	0.0400	1	0	106	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: LCS1UT-020708	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 1488
Client ID: ZZZZZ	Batch ID: R1488	TestNo: TO-15		Analysis Date: 2/7/2008	SeqNo: 22145

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl acetate	1.120	0.150	1	0	112	70	130				
Vinyl Bromide	1.220	0.150	1	0	122	70	130				
Vinyl chloride	1.080	0.0400	1	0	108	70	130				
Surr: Bromofluorobenzene	1.040	0	1	0	104	70	130				

Sample ID: LCS1UT-020908	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 1490
Client ID: ZZZZZ	Batch ID: R1490	TestNo: TO-15		Analysis Date: 2/9/2008	SeqNo: 22177

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.020	0.150	1	0	102	70	130				
1,1,2,2-Tetrachloroethane	0.8700	0.150	1	0	87.0	70	130				
1,1,2-Trichloroethane	1.030	0.150	1	0	103	70	130				
1,1-Dichloroethane	0.8400	0.150	1	0	84.0	70	130				
1,1-Dichloroethene	1.100	0.150	1	0	110	70	130				
1,2,4-Trichlorobenzene	0.6100	0.150	1	0	61.0	70	130				S
1,2,4-Trimethylbenzene	0.8800	0.150	1	0	88.0	70	130				
1,2-Dibromoethane	0.9300	0.150	1	0	93.0	70	130				
1,2-Dichlorobenzene	1.020	0.150	1	0	102	70	130				
1,2-Dichloroethane	0.8000	0.150	1	0	80.0	70	130				
1,2-Dichloropropane	0.9000	0.150	1	0	90.0	70	130				
1,3,5-Trimethylbenzene	0.9800	0.150	1	0	98.0	70	130				
1,3-butadiene	0.8400	0.150	1	0	84.0	70	130				
1,3-Dichlorobenzene	1.010	0.150	1	0	101	70	130				
1,4-Dichlorobenzene	0.9600	0.150	1	0	96.0	70	130				
1,4-Dioxane	1.030	0.300	1	0	103	70	130				
2,2,4-trimethylpentane	0.9100	0.150	1	0	91.0	70	130				
4-ethyltoluene	0.9200	0.150	1	0	92.0	70	130				
Acetone	0.7000	0.300	1	0	70.0	70	130				
Allyl chloride	0.8500	0.150	1	0	85.0	70	130				
Benzene	0.9100	0.150	1	0	91.0	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020908** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1490**
Client ID: **ZZZZZ** Batch ID: **R1490** TestNo: **TO-15** Analysis Date: **2/9/2008** SeqNo: **22177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl chloride	0.9200	0.150	1	0	92.0	70	130				
Bromodichloromethane	1.030	0.150	1	0	103	70	130				
Bromoform	1.000	0.150	1	0	100	70	130				
Bromomethane	0.8500	0.150	1	0	85.0	70	130				
Carbon disulfide	1.020	0.150	1	0	102	70	130				
Carbon tetrachloride	1.080	0.0400	1	0	108	70	130				
Chlorobenzene	0.9200	0.150	1	0	92.0	70	130				
Chloroethane	0.8600	0.150	1	0	86.0	70	130				
Chloroform	0.8700	0.150	1	0	87.0	70	130				
Chloromethane	0.9300	0.150	1	0	93.0	70	130				
cis-1,2-Dichloroethene	0.7400	0.150	1	0	74.0	70	130				
cis-1,3-Dichloropropene	1.030	0.150	1	0	103	70	130				
Cyclohexane	0.8600	0.150	1	0	86.0	70	130				
Dibromochloromethane	0.9900	0.150	1	0	99.0	70	130				
Ethyl acetate	0.8000	0.250	1	0	80.0	70	130				
Ethylbenzene	0.9400	0.150	1	0	94.0	70	130				
Freon 11	0.9000	0.150	1	0	90.0	70	130				
Freon 113	0.9600	0.150	1	0	96.0	70	130				
Freon 114	0.9100	0.150	1	0	91.0	70	130				
Freon 12	0.8100	0.150	1	0	81.0	70	130				
Heptane	0.8300	0.150	1	0	83.0	70	130				
Hexachloro-1,3-butadiene	0.7200	0.150	1	0	72.0	70	130				
Hexane	0.7700	0.150	1	0	77.0	70	130				
Isopropyl alcohol	0.8400	0.150	1	0	84.0	70	130				
m&p-Xylene	1.990	0.300	2	0	99.5	70	130				
Methyl Butyl Ketone	0.8200	0.300	1	0	82.0	70	130				
Methyl Ethyl Ketone	0.8600	0.300	1	0	86.0	70	130				
Methyl Isobutyl Ketone	0.7700	0.300	1	0	77.0	70	130				
Methyl tert-butyl ether	0.9600	0.150	1	0	96.0	70	130				
Methylene chloride	0.9100	0.150	1	0	91.0	70	130				
o-Xylene	0.9700	0.150	1	0	97.0	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: MitKem A Division of Spectrum Analytical,
Work Order: C0802002
Project: CDM/G0143

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Sample ID: **LCS1UT-020908** SampType: **LCS** TestCode: **0.25CT-TCE-** Units: **ppbV** Prep Date: RunNo: **1490**
Client ID: **ZZZZZ** Batch ID: **R1490** TestNo: **TO-15** Analysis Date: **2/9/2008** SeqNo: **22177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	0.7100	0.150	1	0	71.0	70	130				
Styrene	0.9000	0.150	1	0	90.0	70	130				
Tetrachloroethylene	1.020	0.150	1	0	102	70	130				
Tetrahydrofuran	0.7300	0.150	1	0	73.0	70	130				
Toluene	0.9300	0.150	1	0	93.0	70	130				
trans-1,2-Dichloroethene	0.8700	0.150	1	0	87.0	70	130				
trans-1,3-Dichloropropene	0.9100	0.150	1	0	91.0	70	130				
Trichloroethene	1.040	0.0400	1	0	104	70	130				
Vinyl acetate	0.7700	0.150	1	0	77.0	70	130				
Vinyl Bromide	0.8200	0.150	1	0	82.0	70	130				
Vinyl chloride	0.8400	0.0400	1	0	84.0	70	130				
Surr: Bromofluorobenzene	1.030	0	1	0	103	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020704.D
Acq On : 7 Feb 2008 6:06 pm
Operator :
Sample : LCS1UT-020708
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 16:52:39 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.812	128	18945	1.00	ppb		0.00
30) 1,4-difluorobenzene	12.880	114	46162	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	48915	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.461	95	25875	1.04	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 104.00%				
Target Compounds							Qvalue
2) Propylene	4.934	41	41815	1.44	ppb		95
3) Freon 12	4.991	85	186183	1.06	ppb		99
4) Chloromethane	5.219	50	56700	1.22	ppb		98
5) Freon 114	5.222	85	171482	1.12	ppb		99
6) Vinyl Chloride	5.447	62	39232	1.08	ppb		96
7) 1,3-butadiene	5.564	39	33082	1.23	ppb		84
8) Bromomethane	5.961	94	43868	1.13	ppb		100
9) Chloroethane	6.144	64	18573	1.18	ppb		95
10) Vinyl Bromide	6.510	106	43545	1.22	ppb		98
11) Freon 11	6.789	101	216179	1.28	ppb		98
12) Acetone	7.005	58	15889	1.04	ppb	#	61
13) Isopropyl alcohol	7.125	45	44058	1.47	ppb	#	100
14) 1,1-dichloroethene	7.579	96	42345	1.72	ppb		97
15) Freon 113	7.780	101	118087	1.30	ppb		87
16) Methylene chloride	8.044	84	39354	1.11	ppb		90
17) Allyl chloride	8.035	41	36926	1.52	ppb		87
18) Carbon disulfide	8.227	76	134210m	1.28	ppb		
19) trans-1,2-dichloroethene	8.993	61	38594	1.18	ppb		99
20) methyl tert-butyl ether	9.059	73	49566m	1.30	ppb		
21) 1,1-dichloroethane	9.425	63	72702	1.10	ppb		98
22) Vinyl acetate	9.413	43	35926	1.12	ppb		95
23) Methyl Ethyl Ketone	9.974	43	73155m	1.28	ppb		
24) cis-1,2-dichloroethene	10.367	61	30771	1.03	ppb		98
25) Hexane	9.971	41	37592m	1.30	ppb		
26) Ethyl acetate	10.548	43	50541	1.24	ppb		97
27) Chloroform	10.962	83	86163	1.05	ppb		100
28) Tetrahydrofuran	11.220	42	18631	1.23	ppb		95
29) 1,2-dichloroethane	11.995	62	53227	1.07	ppb		99
31) 1,1,1-trichloroethane	11.745	97	88072	1.11	ppb		100
32) Cyclohexane	12.382	56	31388	1.15	ppb	#	63
33) Carbon tetrachloride	12.328	117	104595	1.10	ppb		100
34) Benzene	12.298	78	80494m	1.12	ppb		
35) 1,4-dioxane	13.775	88	7277m	1.02	ppb		
36) 2,2,4-trimethylpentane	13.048	57	111273	1.18	ppb		97
37) Heptane	13.348	43	38377	1.22	ppb		96
38) Trichloroethene	13.465	130	38701	1.06	ppb		99
39) 1,2-dichloropropane	13.562	63	37312	1.09	ppb		99
40) Bromodichloromethane	13.847	83	88345	1.10	ppb		99
41) cis-1,3-dichloropropene	14.561	75	47074	1.26	ppb		97
42) trans-1,3-dichloropropene	15.219	75	30934	1.10	ppb		98
43) 1,1,2-trichloroethane	15.507	97	47904	1.07	ppb		100
45) Toluene	15.306	92	46169	1.10	ppb		97
46) Methyl Isobutyl Ketone	14.510	43	48571	1.15	ppb		97
47) Dibromochloromethane	16.137	129	74365	1.06	ppb		99
48) Methyl Butyl Ketone	15.678	43	42079	1.22	ppb		98
49) 1,2-dibromoethane	16.371	107	59434	1.05	ppb		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020704.D
Acq On : 7 Feb 2008 6:06 pm
Operator :
Sample : LCS1UT-020708
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 16:52:39 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Tetrachloroethylene	16.224	164	38977	1.03	ppb	99
51) Chlorobenzene	17.092	112	73570	1.03	ppb	98
52) Ethylbenzene	17.311	91	85116	1.11	ppb	99
53) m&p-xylene	17.485	91	171609	2.34	ppb	100
54) Styrene	17.869	104	45222	1.08	ppb	99
55) Bromoform	17.977	173	60644	1.00	ppb	98
56) o-xylene	17.893	91	97167m	1.19	ppb	
58) 1,1,2,2-tetrachloroethane	18.263	83	100722	0.98	ppb	99
59) 4-ethyltoluene	18.956	105	54700m	1.14	ppb	
60) 1,3,5-trimethylbenzene	19.001	105	99212m	1.14	ppb	
61) 1,2,4-trimethylbenzene	19.376	105	56303	1.02	ppb	100
62) 1,3-dichlorobenzene	19.626	146	70817	1.09	ppb	99
63) benzyl chloride	19.677	91	56398	1.26	ppb	98
64) 1,4-dichlorobenzene	19.728	146	78773	1.14	ppb	98
65) 1,2-dichlorobenzene	19.992	146	67434	1.14	ppb	97
67) 1,2,4-trichlorobenzene	21.520	180	16230	1.05	ppb	96
68) Hexachloro-1,3-butadiene	21.778	225	40501	0.98	ppb	99

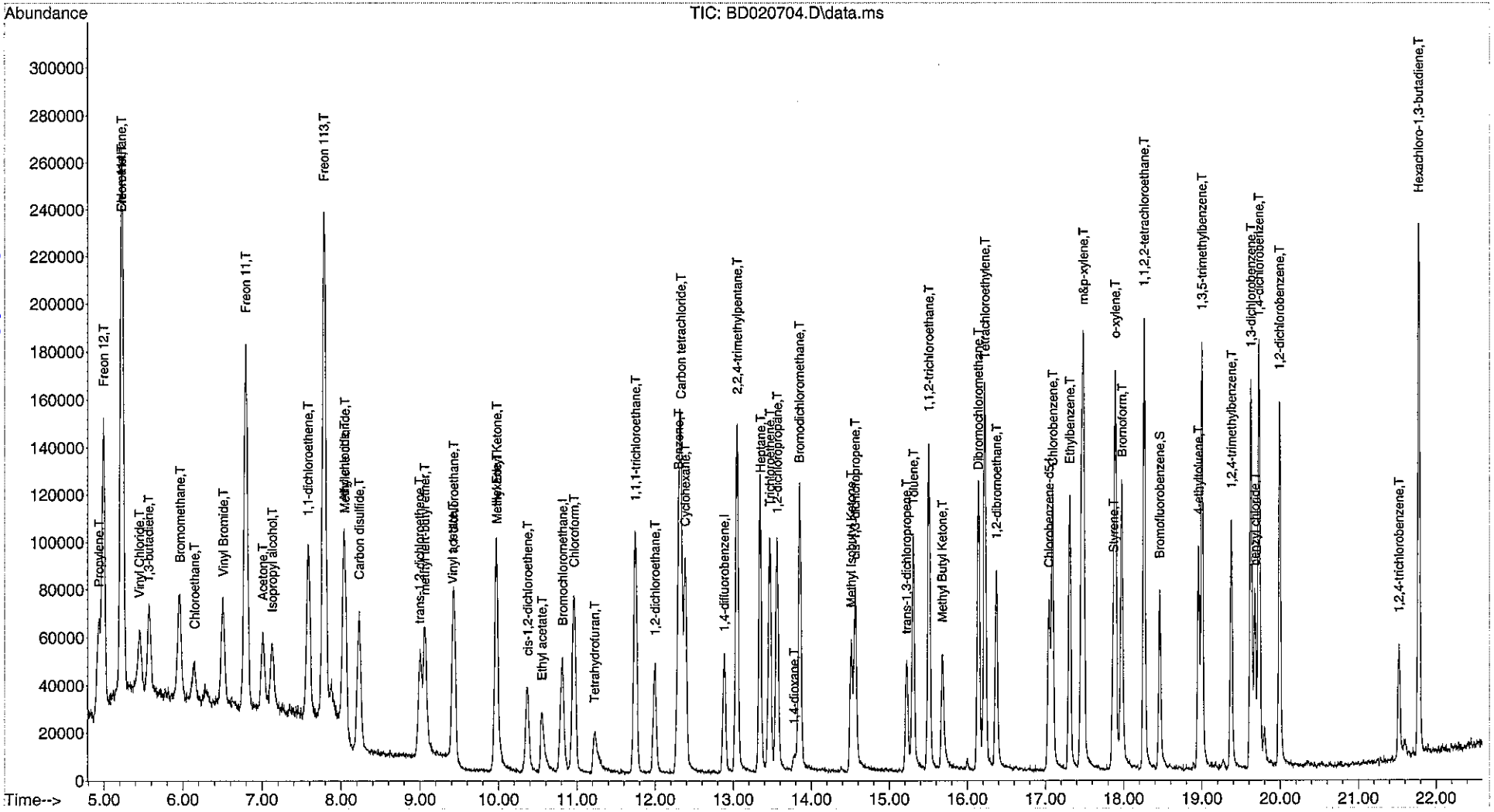
2.4

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020704.D
Acq On : 7 Feb 2008 6:06 pm
Operator :
Sample : LCS1UT-020708
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 16:52:39 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020905.D
Acq On : 9 Feb 2008 7:09 pm
Operator :
Sample : LCS1UT-020908
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 14:52:28 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	10.845	128	20594	1.00	ppb	#	0.03
30) 1,4-difluorobenzene	12.892	114	45668	1.00	ppb		0.00
44) Chlorobenzene-d5	17.047	117	49303	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.461	95	25863	1.03	ppb		0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 103.00%				
Target Compounds							Qvalue
2) Propylene	5.006	41	22380	0.71	ppb		81
3) Freon 12	5.048	85	153937	0.81	ppb		100
4) Chloromethane	5.288	50	47227	0.93	ppb		100
5) Freon 114	5.288	85	151854	0.91	ppb		98
6) Vinyl Chloride	5.510	62	33032	0.84	ppb		100
7) 1,3-butadiene	5.633	39	24731	0.84	ppb		92
8) Bromomethane	6.015	94	35870	0.85	ppb		96
9) Chloroethane	6.195	64	14784	0.86	ppb		99
10) Vinyl Bromide	6.561	106	31945	0.82	ppb		98
11) Freon 11	6.852	101	164752	0.90	ppb		99
12) Acetone	7.092	58	11611m	0.70	ppb		
13) Isopropyl alcohol	7.188	45	27418	0.84	ppb	#	100
14) 1,1-dichloroethene	7.633	96	29435	1.10	ppb	#	89
15) Freon 113	7.834	101	94812	0.96	ppb		92
16) Methylene chloride	8.092	84	35245	0.91	ppb		88
17) Allyl chloride	8.086	41	22298	0.85	ppb		86
18) Carbon disulfide	8.275	76	115916	1.02	ppb		99
19) trans-1,2-dichloroethene	9.038	61	30919	0.87	ppb		97
20) methyl tert-butyl ether	9.095	73	39835	0.96	ppb		90
21) 1,1-dichloroethane	9.464	63	60121	0.84	ppb		99
22) Vinyl acetate	9.461	43	26739	0.77	ppb		89
23) Methyl Ethyl Ketone	10.016	43	53396	0.86	ppb		93
24) cis-1,2-dichloroethene	10.394	61	24189	0.74	ppb		93
25) Hexane	9.995	41	24305	0.77	ppb	#	87
26) Ethyl acetate	10.584	43	35546	0.80	ppb		100
27) Chloroform	10.986	83	77939	0.87	ppb		100
28) Tetrahydrofuran	11.256	42	12061	0.73	ppb		95
29) 1,2-dichloroethane	12.007	62	43662	0.80	ppb		98
31) 1,1,1-trichloroethane	11.766	97	80239	1.02	ppb		98
32) Cyclohexane	12.397	56	23249	0.86	ppb	#	54
33) Carbon tetrachloride	12.340	117	101613	1.08	ppb		98
34) Benzene	12.310	78	64949m	0.91	ppb		
35) 1,4-dioxane	13.799	88	7250m	1.03	ppb		
36) 2,2,4-trimethylpentane	13.060	57	85322	0.91	ppb		97
37) Heptane	13.351	43	25757	0.83	ppb		97
38) Trichloroethene	13.468	130	37687	1.04	ppb		94
39) 1,2-dichloropropane	13.565	63	30712	0.90	ppb		97
40) Bromodichloromethane	13.856	83	81764	1.03	ppb		99
41) cis-1,3-dichloropropene	14.567	75	38335	1.03	ppb		97
42) trans-1,3-dichloropropene	15.228	75	25311	0.91	ppb		97
43) 1,1,2-trichloroethane	15.507	97	45638	1.03	ppb		98
45) Toluene	15.312	92	39245	0.93	ppb		98
46) Methyl Isobutyl Ketone	14.510	43	32606	0.77	ppb		96
47) Dibromochloromethane	16.146	129	70045	0.99	ppb		99
48) Methyl Butyl Ketone	15.678	43	28333	0.82	ppb		97
49) 1,2-dibromoethane	16.374	107	53279	0.93	ppb		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020905.D
Acq On : 9 Feb 2008 7:09 pm
Operator :
Sample : LCS1UT-020908
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 14:52:28 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

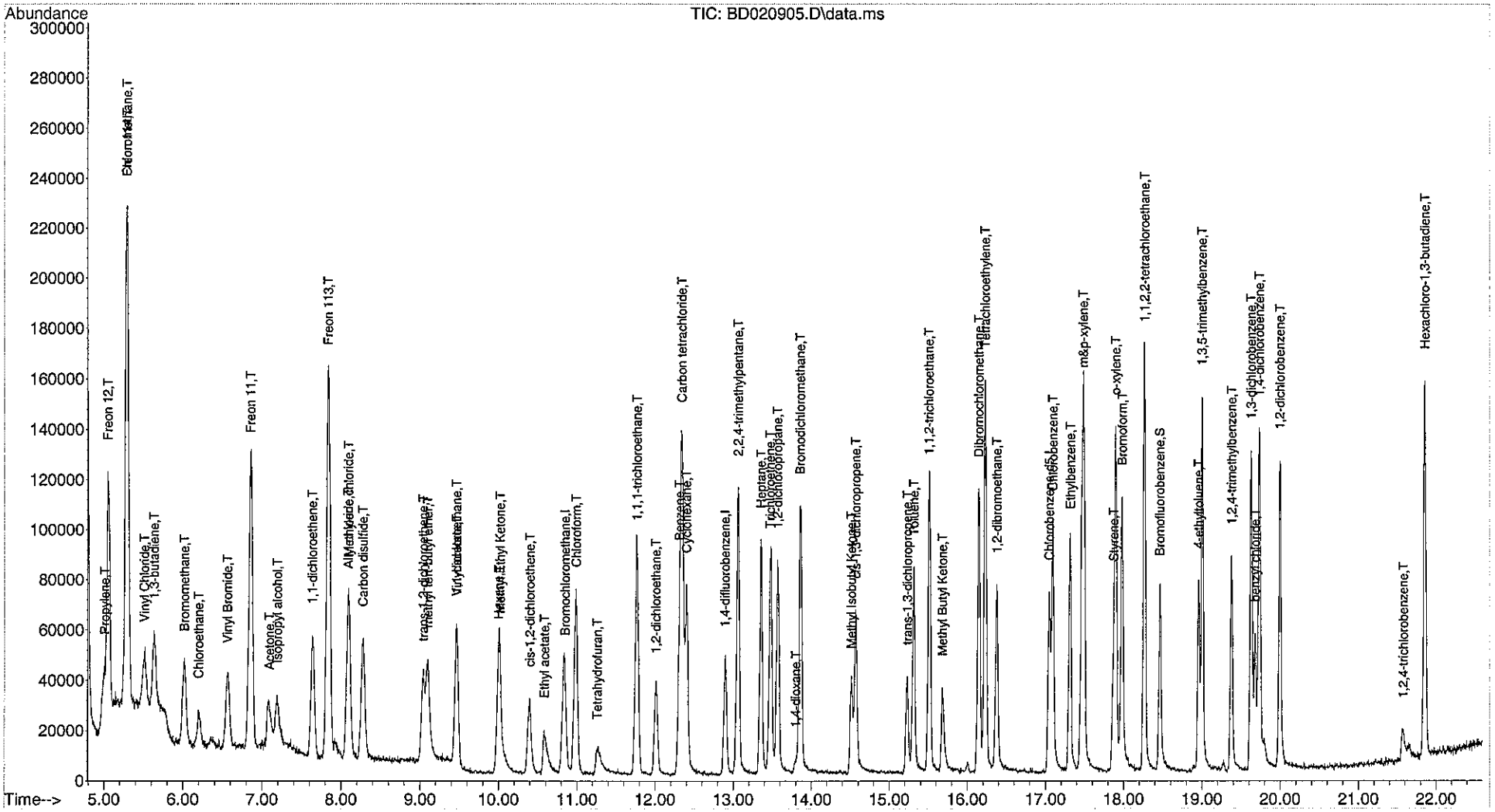
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Tetrachloroethylene	16.227	164	39044	1.02	ppb	99
51) Chlorobenzene	17.092	112	66750	0.92	ppb	98
52) Ethylbenzene	17.317	91	72648	0.94	ppb	99
53) m&p-xylene	17.482	91	146909	1.99	ppb	98
54) Styrene	17.872	104	37826	0.90	ppb	97
55) Bromoform	17.977	173	61242	1.00	ppb	100
56) o-xylene	17.896	91	80062	0.97	ppb	98
58) 1,1,2,2-tetrachloroethane	18.266	83	90575	0.87	ppb	99
59) 4-ethyltoluene	18.956	105	44629m	0.92	ppb	
60) 1,3,5-trimethylbenzene	19.001	105	86003m	0.98	ppb	
61) 1,2,4-trimethylbenzene	19.376	105	48639	0.88	ppb	99
62) 1,3-dichlorobenzene	19.626	146	65999	1.01	ppb	96
63) benzyl chloride	19.677	91	41729	0.92	ppb	99
64) 1,4-dichlorobenzene	19.731	146	66638	0.96	ppb	96
65) 1,2-dichlorobenzene	19.995	146	60913	1.02	ppb	96
67) 1,2,4-trichlorobenzene	21.574	180	9455m	0.61	ppb	
68) Hexachloro-1,3-butadiene	21.853	225	30114	0.72	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD020905.D
Acq On : 9 Feb 2008 7:09 pm
Operator :
Sample : LCS1UT-020908
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 14:52:28 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

INJECTION LOG

Centek Laboratories, LLC
Instrument: HP5975 MSD
GC Column: J&W DB-5MS, 1.0u, 60M

Injection Logbook A-MSD

Internal Standard Stock #: AT 3369
Standard Stock #(s) AT 3370
LCS Stock #(s) _____
Method Reference: Toxic Organic Compounds in Ambient Air Jan-99

Detection Limit	Login Number	Data File Name	Dil. Factor	Inj Vol cc	MethodQ File	Group Number	Inj. Date	Inj. Time	Comments	CD BackUp#
1 ug/m3	BFB	BD02050	-	-	B205D-1UT		02/05/08	1531		
	BIUT-1.0	29	-	200			02/06/08	0659		
	BIUT-0.75	21	-	150						
	BIUT-0.50	22	-	100						
	BIUT-0.30	23	-	60						
	BIUT-0.15	24	-	30						
	BIUT-0.10	25	-	20						
	BIUT-0.04	28	-	8						
	BIUT-1.25	30	-	250						
	BIUT-1.50	31	-	300						
	BIUT-2.0	32	-	400			02/06/08	0841		

Analyzed by: L.L.

Centek Laboratories, LLC

Instrument: HP5975 MSD
GC Column: J&W DB-5MS, 1.0u, 60M

Injection Logbook A-MSD

Internal Standard Stock #: AT 3376
Standard Stock #(s) AT 3370
LCS Stock #(s) AT 3367
Method Reference: Toxic Organic Compounds in Ambient Air Jan-99

Detection Limit	Login Number	Data File Name	Dil. Factor	Inj Vol cc	MethodQ File	Group Number	Inj. Date	Inj. Time	Comments	CD BackUp#
1ug/m3	BFB	BD020701	-	-	B205D_1UT		02/07/08	1534		
	B1UT-1.0	03	-	200						
	LCS1UT-020708	04	-	↓						
	MB1UT-020708	05	-	-						
	WAC020708A	06	-	200						
	WAC020708E	10	-	↓						
	WAC020708F	11	-							
	C0801054-013	12	-	↓						
	-013	10X 13	10	20						
	-015	5X 14	5	40			02/07/08	2338		
	-016	10X 15	10	20			02/08/08	0011		
	-016	40X 16	40	5						
	-017	10X 17	10	20						
	-002	10X 18	10	20						
	-010	5X 19	5	40						
	-011	5X 20	5	40						
	-001	21	-	200						
	-001	10X 22	10	20						
	-005	23	-	200						
	-005	10X 24	10	20						
	-007	25	-	200						
	-007	10X 26	10	20						
	-009	27	-	200						
	-009	10X 28	10	20						
	-012	29	-	200						
	-012	10X 30	10	20						
	C0801046-010	2621440X 31	2621440	5 (65536)						
↓	↓ -010	10485760X 32	10485760	5 (2621440)	↓		02/08/08	1023		

Analyzed by: L.L.

Page No: 77

Centek Laboratories, LLC

Instrument: HP5975 MSD
GC Column: J&W DB-5MS, 1.0u, 60M

Injection Logbook A-MSD

Internal Standard Stock #: AT 3376
Standard Stock #(s) AT 3370
LCS Stock #(s) AT 3367
Method Reference: Toxic Organic Compounds in Ambient Air Jan-99

Detection Limit	Login Number	Data File Name	Dil. Factor	Inj Vol cc	MethodQ File	Group Number	Inj. Date	Inj. Time	Comments	CD BackUp#
ug/m3	C0802002-001	BD020733	-	200	B205D_1VT		02/08/08	1057		
	-001 10X	34	10	20						
	-002	35	-	200						
	-003	36	-	↓						
	-004	37	-	↓						
	-004 20X	38	20	10						
↓	-004 40X	39	40	5	↓		02/08/08	1451		

Analyzed by: L.L.

Page No: 78

Centek Laboratories, LLC

Instrument: HP5975 MSD
GC Column: J&W DB-5MS, 1.0u, 60M

Injection Logbook A-MSD

Internal Standard Stock #: AT 3378
Standard Stock #(s) AT 3370
LCS Stock #(s) AT 3367
Method Reference: Toxic Organic Compounds in Ambient Air Jan-99

Detection Limit	Login Number	Data File Name		Dil. Factor	Inj Vol cc	MethodQ File	Group Number	Inj. Date	Inj. Time	Comments	CD BackUp#
1ug/m3	BFB	BD020901		—	—	B205D.IUT		02/09/08	1657		
	BIUT-1.0		02	-	200						
	MBIUT-020908		04	-	-						
	LCSIUT-020908		05	-	200						
	WAC020908A		07	-	↓						
	WAC020908B		09	-	↓						
	C0801054-007	160X	10	160	5 (4)	*					
	↓ -009	40X	11	40	5						
	C0802002-002	10X	12	10	20						
	-002	40X	13	40	5			02/09/08	2335		
	-003	10X	14	10	20			02/10/08	0008		
	-003	40X	15	40	5						
	-005		16	—	200						
	-005	10X	17	10	20						
	-005	40X	18	40	5						
	-006		19	-	200						
	-006	10X	20	10	20						
	-006	40X	21	40	5						
	-007		22	-	200						
	-007	10X	23	10	20						
	-007	40X	24	40	5						
	-008		25	-	200						
	-008	10X	26	10	20						
	↓ -008	40X	27	40	5						
	C0803009 -009		* 28	-	200					* Login changed from Workorder (C0802002) to (C0803009) *	
	-009	10X	* 29	10	20						
	-009	40X	* 30	40	5						
↓	↓ -002		* 31	—	200	↓		02/10/08	0934		

Analyzed by: L. L.

* DL in can *

Page No: 79

Centek Laboratories, LLC
Instrument: HP5975 MSD
GC Column: J&W DB-5MS, 1.0u, 60M

Injection Logbook A-MSD

Internal Standard Stock #: AT 3378
Standard Stock #(s) AT 3370
LCS Stock #(s) AT 3367
Method Reference: Toxic Organic Compounds in Ambient Air Jan-99

Detection Limit	Login Number	Data File Name		Dil. Factor	Inj Vol cc	MethodQ File	Group Number	Inj. Date	Inj. Time	Comments	CD BackUp#
ug/m3	C0803009-002	10X	BD020932	10	20	B205D-1UT		02/10/08	1007	*Login changed from	
*	-012	40X	33	40	5					Workorder(C0802002)	
	-004	1280X	34	1280	40 (25c)*					to (C0803009) *	
	-004	2560X	35	2560	20 (25c)*						
	-004	10240X	36	10240	5 (25c)*						
	C0802011-001		37	-	20c						
	-003		38	-							
	-002		39	-							
	-004		40	-							
	-004	10X	41	10	20						
	-004	40X	42	40	5						
	C0801054-007	40X	43	40	5			02/10/08	1615		

Analyzed by: I.L

* DL in can *

Page No: 80

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

STANDARDS LOG

Centek Laboratories, LLC — GC/MS Calibration Standards Logbook

Std #	Date Prep	Date exp	Description	Stock #	Stock conc	Initial vol	Final vol	Final Conc/ppbv	Prep by	Chk'd by
2055	5/7/07	5/14/07	TO15 STD	707/708	1 ppm	1.5 psig	30 psia	50 ppb	L.L.	
2056	5/7/07	5/[illegible]/08	LCS TO15	ST0000034481	1 ppm	1800 psig	Scott Gases	1 ppm	L.L.	
2057	5/7/07	5/[illegible]/08	LCS TO15 subset	M807301	1 ppm	1800 psig	Scott Gases	1 ppm	L.L.	
2058	5/8/07	5/14/07	TO15 IUT IS (B)	2054	50 ppb	0.9 psig	45 psia	1 ppb	L.L.	
2059	↓	↓	↓ STD (B)	2055	↓	↓	↓	↓		
2060	↓	↓	LCS TO15 IUT (B)	2056/2057	1 ppm	1.5 psig	30 psia	50 ppb		
2061	5/8/07	5/14/07	LCS TO15 IUT STD	2060	50 ppb	0.9 psig	45 psia	1 ppb	↓	
2062	5/9/07	5/[illegible]/08	BFB/INT TO15	AB-19759	1 ppm	1800 psig	Spectra Gases	1 ppm	L.L.	
2063	5/9/07	5/[illegible]/08	TO14 STD	AB-19828	1 ppm	1800 psig	Spectra Gases	1 ppm		
2064	5/9/07	5/[illegible]/08	TO15 NAPHTHALENE SUBSET/W	AB-18158	↓	↓	↓	↓	↓	
2065	5/[illegible]/07	5/14/07	TO15 IS	2062	1 ppm	1.5 psig	30 psia	50 ppb	L.L.	
2066	5/9/07	5/14/07	↓ STD	2063/2064	1 ppm	1.5 psig	30 psia	50 ppb	↓	
2067	5/10/07	5/14/07	TO15 IUT IS (B)	2065	50 ppb	0.9 psig	45 psia	1 ppb	L.L.	
2068	↓	↓	↓ STD (B)	2066	↓	↓	↓	↓	↓	
2069	5/15/07	5/22/07	BFB/INT TO15	2062	1 ppm	1.5 psig	30 psia	50 ppb	L.L.	
2070	↓	↓	TO15 STD	2063/2064	1 ppm	1.5 psig	30 psia	50 ppb	↓	
2071	↓	↓	LCS TO15	2056/2057	1 ppm	1.5 psig	30 psia	50 ppb		
2072	↓	↓	TO15 IS IUT (B)	2069	50 ppb	0.9 psig	45 psia	1 ppb	↓	

Centek Laboratories, LLC

GC/MS Calibration Standards Logbook

Std #	Date Prep	Date exp	Description	Stock #	Stock conc	Initial vol	finial vol	Final conc/ppbV	Prep by	Chkd by
3351	1/27/08	2/3/08	TO15 STD	2063, 2064	1ppm	1.5psig	30.3	50ppb	M	
3352	↓	↓	↓ LCS	2056, 2057	↓	↓	↓	↓	↓	
3353	1/27/08	2/3/08	H_2S 1ppm	2098	10ppm	3psig	30	1.0 ppm	mp	
3354	1/28/08	2/3/08	TO15 IUT IS (B)	3350	50ppb	0.9psig	45psia	1ppb	L.L.	
3355	1/28/08	2/3/08	↓ STD (B)	3351	↓	↓	↓	↓	↓	
3356	↓	↓	↓ LCS	3352	50ppb	0.9psig	45psia	1ppb	L.L.	
3357	1/29/08	2/3/08	TO15 IUT IS (B)	3350	50ppb	0.9psig	45psia	1ppb	L.L.	
3358	1/30/08	2/3/08	TO15 IUT IS (B)	3350	50ppb	0.9psig	45psia	1ppb	L.L.	
3359	2/1/08		TO15 IUT IS ^	3350					mp	
3360			STD ^	3351						
3361	2/2/08		IS ^	3350						
3362	2/3/08	2/10/08	TO15 IS	2062	1ppm	1.5psig	30psia	50ppb	M	
3363			↓ STD	2063, 2064						
3364			↓ LCS	2056 2057	↓	↓	↓	↓	↓	
3365			TO15IUT IS ^	3362	50ppb	1.5psig	45psia	1ppb	M	
3366			STD ^	3363						
3367	↓		LCS ^	3364						
3368	2/4/08	↓	IS ^		↓	↓	↓	↓	↓	

Page # 16

Std #	Date Prep	Date exp	Description	Stock #	Stock conc	Initial vol	finial vol	Final conc/ppbV	Prep by	Chkd by
3369	2/5/08	2/10/08	TO15 IUT IS (B)	3362	50ppb	0.9psig	45psia	1ppb	L.L.	
3370	↓	↓	↓ STD (B)	3363	↓	↓	↓	↓	↓	
3371	2/5/08	2/12/08	H_2S 1ppm	2098	10ppm	3.0psig	30psia	1ppm	L.L.	
3372	2/6/08	2/12/08	TO15 IS	2062	1ppm	0.5psig	30psia	50ppb	L.L.	
3373	2/6/08	2/12/08	↓ IUT IS (A)	3372	50ppb	0.9psig	45psia	1ppb	L.L.	
3374	↓	↓	↓ IUT IS (B)	3372	↓	↓	↓	↓	↓	
3375	2/7/08	2/12/08	TO15 IUT IS (A)	3372	50ppb	0.5psig	45psia	1ppb	mm	
3376	2/7/08	2/12/08	TO15 IUT IS (B)	3372	50ppb	0.9psig	45psia	1ppb	L.L.	
3377	2/8/08	2/12/08	↓ (A)	↓	↓	↓	↓	↓	↓	
3378	2/9/08	2/12/08	TO15 IUT IS (B)	3372	50ppb	0.9psig	45psia	1ppb	L.L.	
3379	2/10/08	2/12/08	TO15 IUT IS (A)	3372	50ppb	0.9psig	45psia	1ppb	L.L.	
3380	2/11/08	2/18/08	TO15 IS	2062	1ppm	1.5psig	30psia	50ppb	L.L.	
3381	↓	↓	↓ STD	2063/2064	↓	↓	↓	↓	↓	
3382	↓	↓	↓ LCS	2056/2057	↓	↓	↓	↓	↓	
3383	2/11/08	2/18/08	H_2S 1ppm	2098	10ppm	3.0psig	30psia	1ppm	L.L.	
3384	2/11/08	2/18/08	TO15 IUT IS (B)	3380	50ppb	0.9psig	45psia	1ppb		
3385	↓	↓	↓ STD (B)	3381	↓	↓	↓	↓		
3386	↓	↓	↓ LCS	3382	50ppb	0.9psig	45psia	1ppb	↓	

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

CANISTER CLEANING LOG

Centek Laboratories, LLC

QC Canister Cleaning & Maintenance Logbook

Canister Number	QC Can Number	Number of Cycles	Date	QC Batch Number	Maintenance
333	196	20	01/16/08	WAC011608A	1ug/m³ +0.25 TCE, CCl4 + VNCL
311	↓	↓	↓	↓	↓
363					
419					
196	↓			↓	
469	239			WAC011608B	
163	↓			↓	
130					
171					
239	↓			↓	
327	160			WAC011608C	
465	↓			↓	
234					
288					
160	↓			↓	
316	348			WAC011608D	
157	↓			↓	
410					
198					
348	↓	↓	↓	↓	↓

Cleaned by: L.L.

Page # 01/16/08 1

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011606.D
Acq On : 16 Jan 2008 7:41 pm
Operator :
Sample : WAC011608A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 20 13:02:57 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

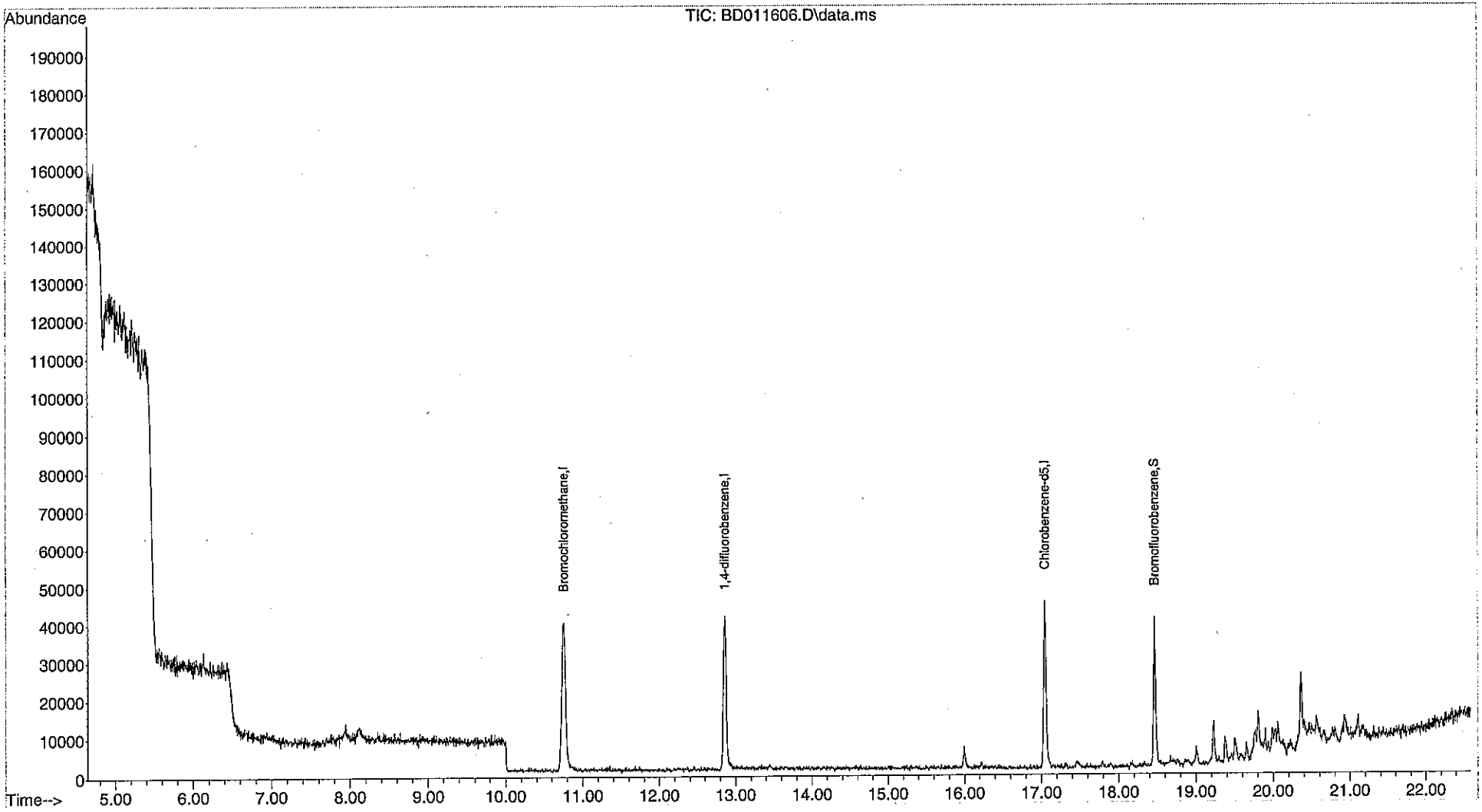
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.752	128	18288	1.00	ppb	# 0.01
32) 1,4-difluorobenzene	12.857	114	41291	1.00	ppb	0.00
46) Chlorobenzene-d5	17.045	117	31830	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.465	95	12261	0.96	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 96.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011606.D
Acq On : 16 Jan 2008 7:41 pm
Operator :
Sample : WAC011608A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 20 13:02:57 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011607.D
Acq On : 16 Jan 2008 8:15 pm
Operator :
Sample : WAC011608B
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 13:07:46 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

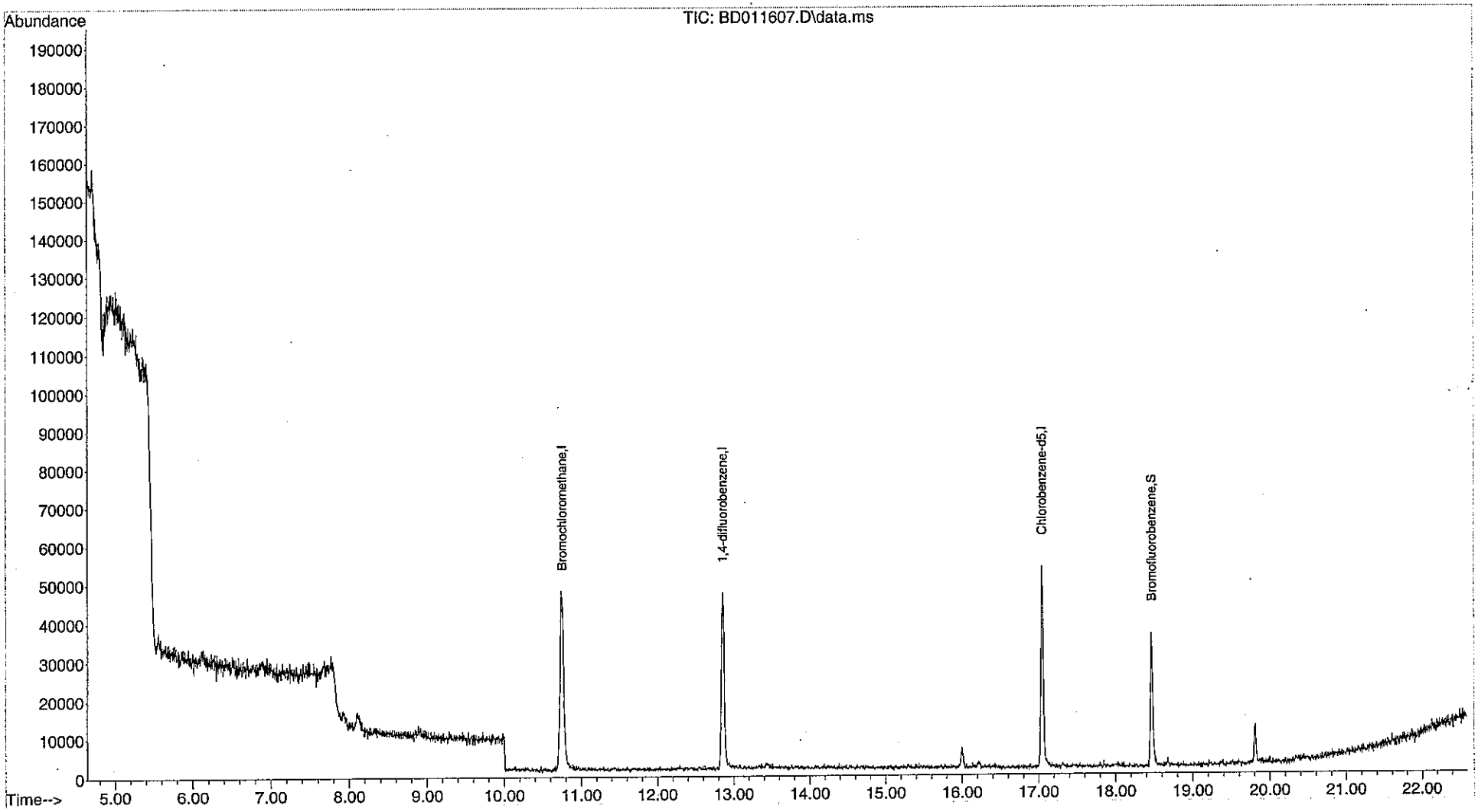
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.752	128	21771	1.00	ppb	0.01
32) 1,4-difluorobenzene	12.857	114	45146	1.00	ppb	0.00
46) Chlorobenzene-d5	17.045	117	37625	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.467	95	12190	0.80	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 80.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011607.D
Acq On : 16 Jan 2008 8:15 pm
Operator :
Sample : WAC011608B
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 13:07:46 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011608.D
Acq On : 16 Jan 2008 8:48 pm
Operator :
Sample : WAC011608C
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 13:10:42 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

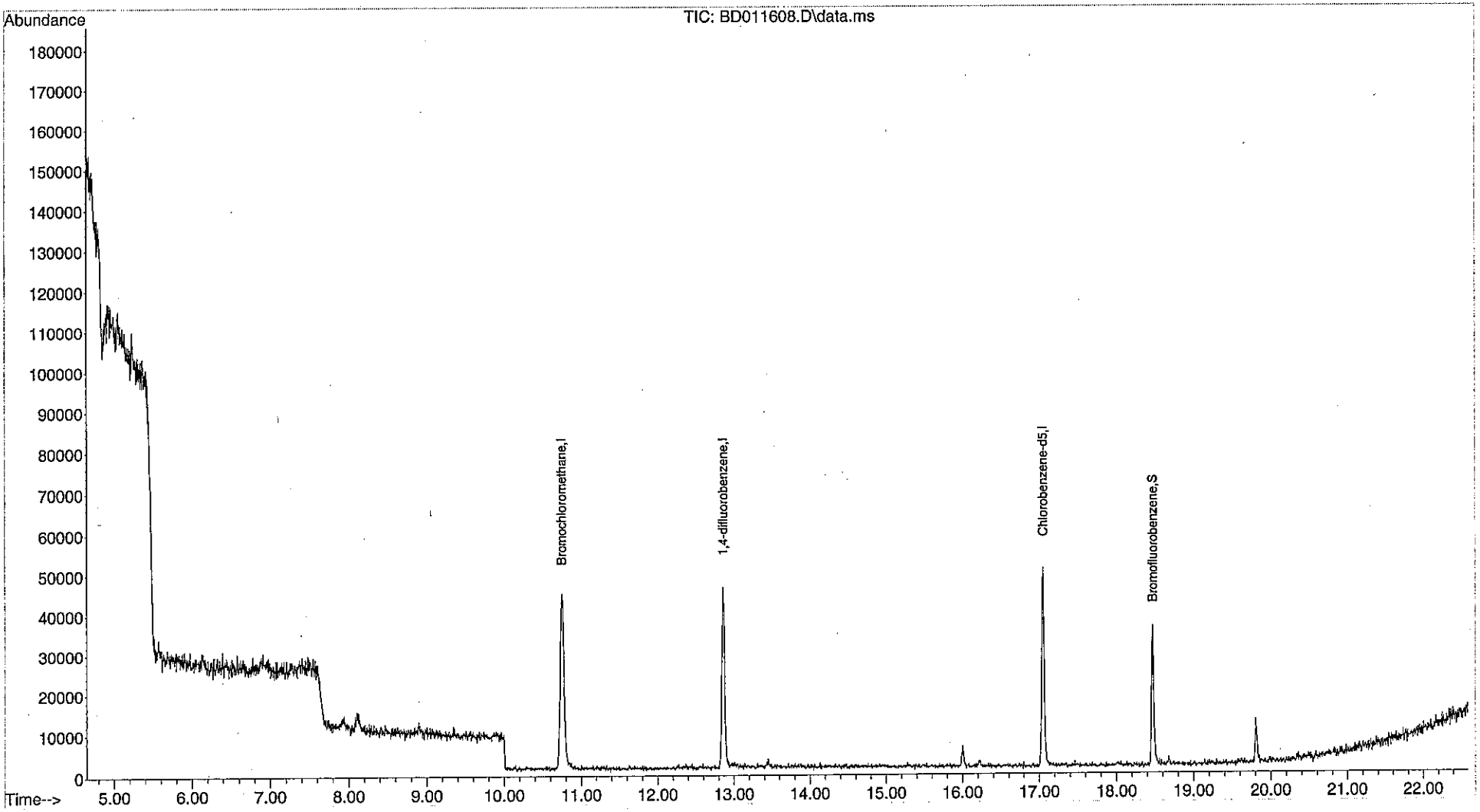
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.747	128	19862	1.00	ppb	# 0.00
32) 1,4-difluorobenzene	12.860	114	44239	1.00	ppb	0.00
46) Chlorobenzene-d5	17.048	117	34777	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.471	95	12178	0.87	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 87.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011608.D
Acq On : 16 Jan 2008 8:48 pm
Operator :
Sample : WAC011608C
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 13:10:42 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011609.D
Acq On : 16 Jan 2008 9:22 pm
Operator :
Sample : WAC011608D
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 20 13:13:44 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

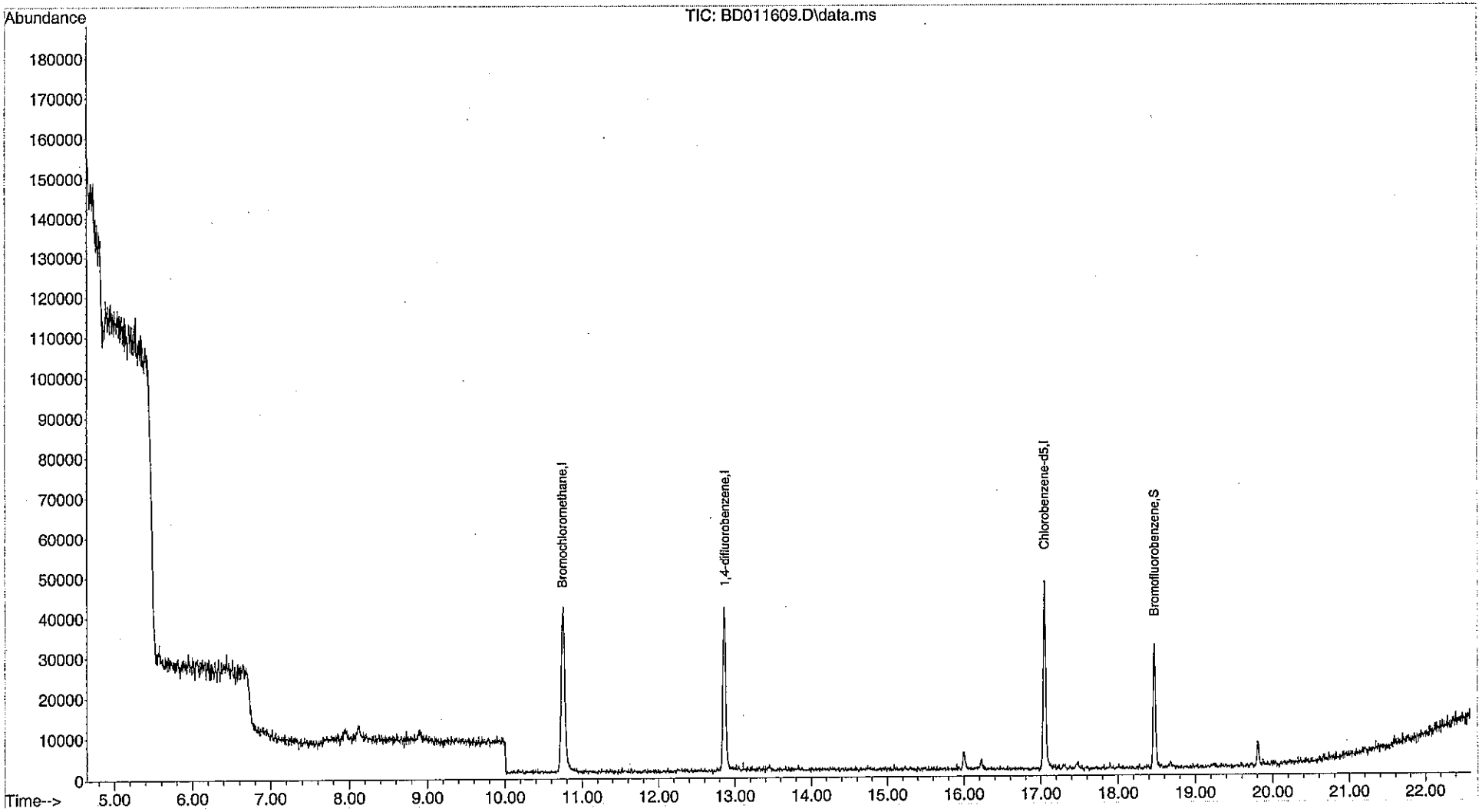
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.744	128	17866	1.00	ppb	# 0.00
32) 1,4-difluorobenzene	12.866	114	39827	1.00	ppb	0.00
46) Chlorobenzene-d5	17.045	117	32568	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.468	95	11193	0.85	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 85.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011609.D
Acq On : 16 Jan 2008 9:22 pm
Operator :
Sample : WAC011608D
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 20 13:13:44 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



Centek Laboratories, LLC

QC Canister Cleaning & Maintenance Logbook

Canister Number	QC Can Number	Number of Cycles	Date	QC Batch Number	Maintenance
237	135	20	01/18/08	WAC011808A	1ug/m³ +0.25 TCE, CCl_4, VNCL
412					
286					
422					
135	↓			WAC011808B	
78	219				
84					
90					
332					
219	↓			WAC011808C	
463	408				
415					
328					
321					
408	↓			WAC011808D	
287	203				
128					
226					
368					
203	↓			WAC011808E	
480	366				
351					
158					
289	↓	↓	↓	↓	↓

Cleaned by: L.L.

Page # 2

Centek Laboratories, LLC

In:

QC Canister Cleaning &
Maintenance Logbook

Canister Number	QC Can Number	Number of Cycles	Date	QC Batch Number	Maintenance
366	366	20	01/18/08	WAC011808E	1ug/m³ +0.25 TCE, CCl4+VNCL
197	365	↓	↓	WAC011808F	
459	↓			↓	
102					
364					
365					

Cleaned by: L. L.

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Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011806.D
Acq On : 18 Jan 2008 1:53 pm
Operator :
Sample : WAC011808A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 22 09:56:56 2008
Quant Method : C:\MSDCHEM\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Mon Jan 14 14:58:31 2008
Response via : Initial Calibration

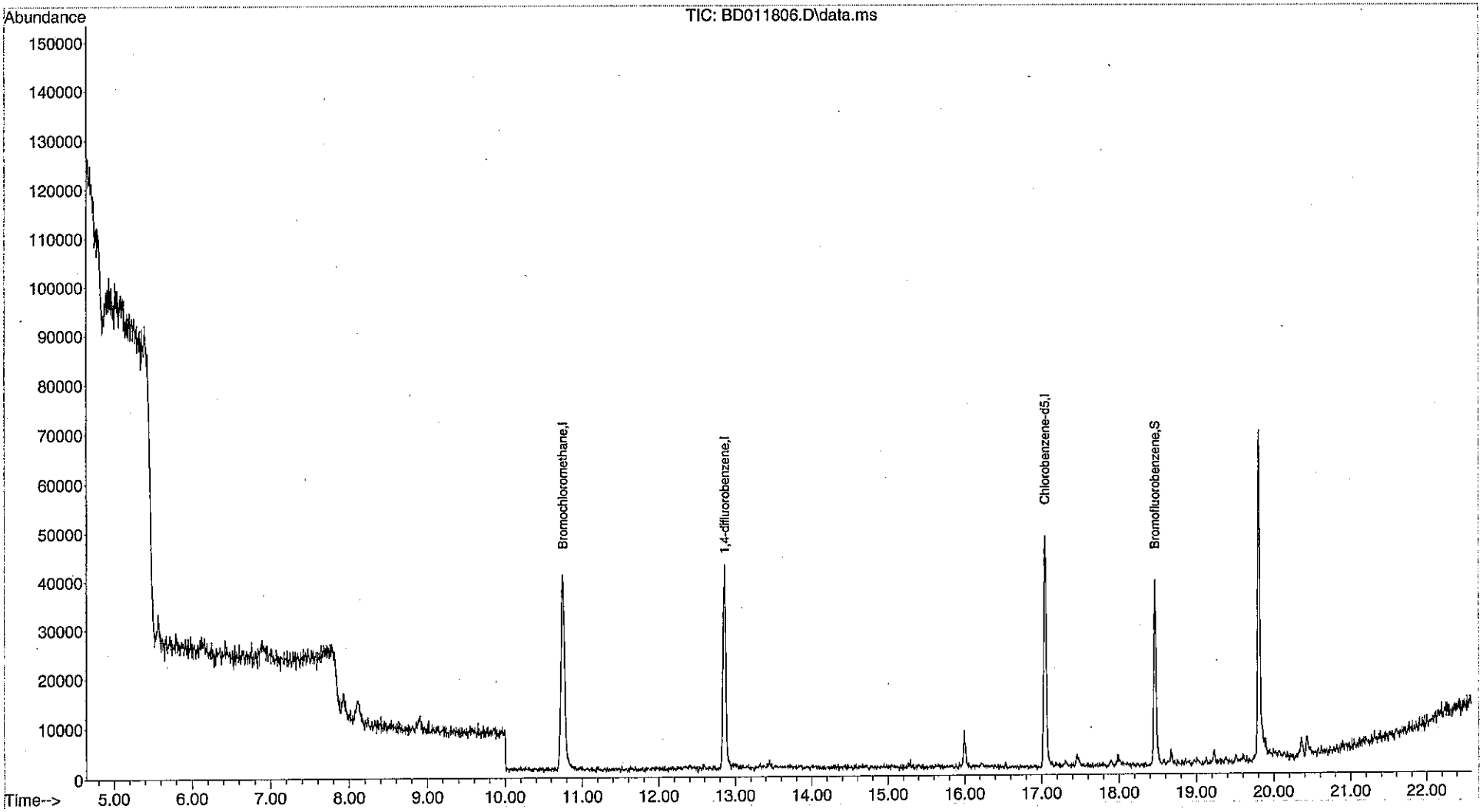
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.749	128	17897	1.00	ppb	0.00
32) 1,4-difluorobenzene	12.863	114	39057	1.00	ppb	0.00
46) Chlorobenzene-d5	17.045	117	34592	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.468	95	13252	0.95	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 95.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011806.D
Acq On : 18 Jan 2008 1:53 pm
Operator :
Sample : WAC011808A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 22 09:56:56 2008
Quant Method : C:\MSDCHEM\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Mon Jan 14 14:58:31 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011807.D
Acq On : 18 Jan 2008 2:38 pm
Operator :
Sample : WAC011808B
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 09:58:57 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

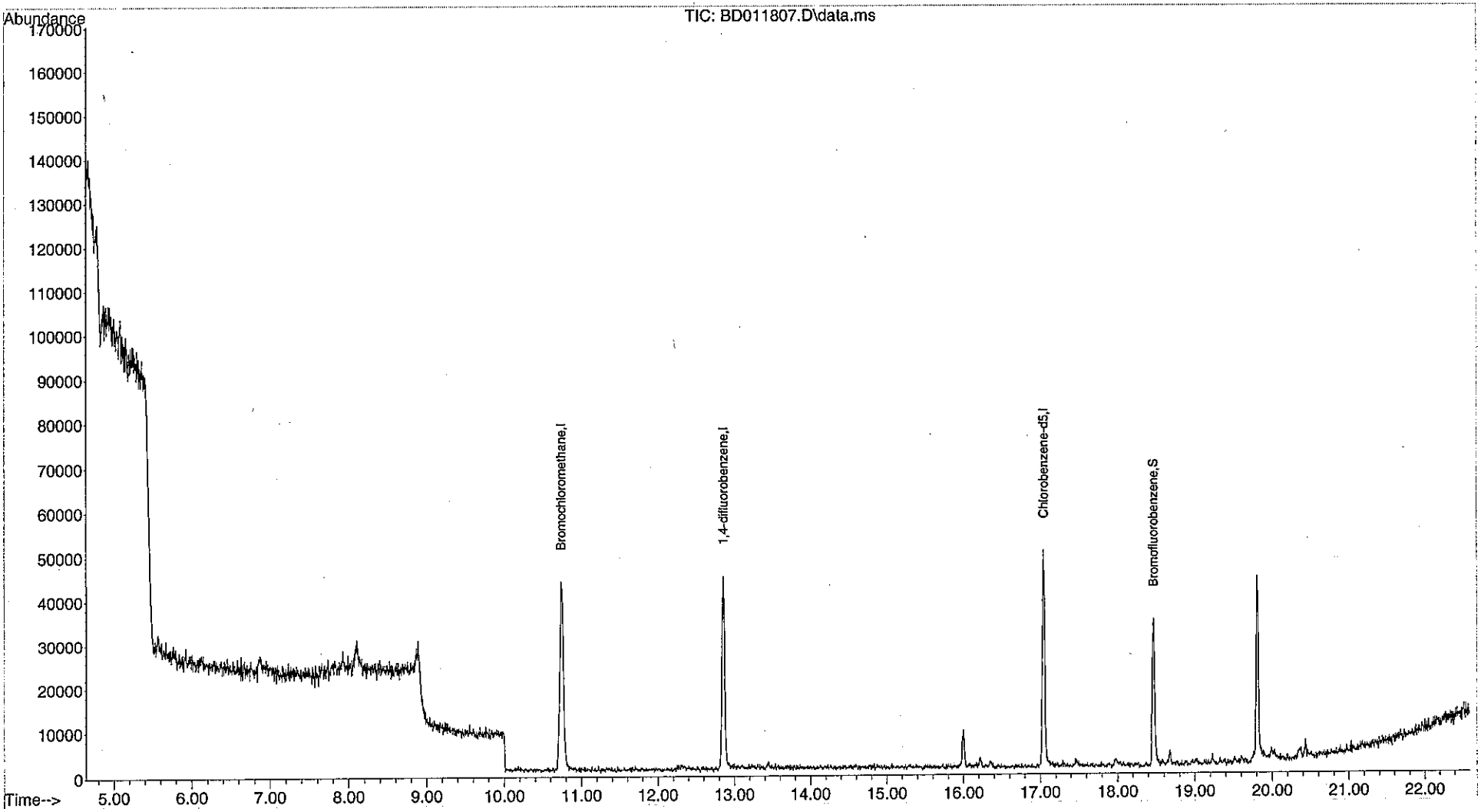
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.738	128	19135	1.00	ppb	0.00
32) 1,4-difluorobenzene	12.857	114	42119	1.00	ppb	0.00
46) Chlorobenzene-d5	17.045	117	33675	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.465	95	11882	0.88	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 88.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011807.D
Acq On : 18 Jan 2008 2:38 pm
Operator :
Sample : WAC011808B
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 09:58:57 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011808.D
Acq On : 18 Jan 2008 3:11 pm
Operator :
Sample : WAC011808C
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 22 10:00:52 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

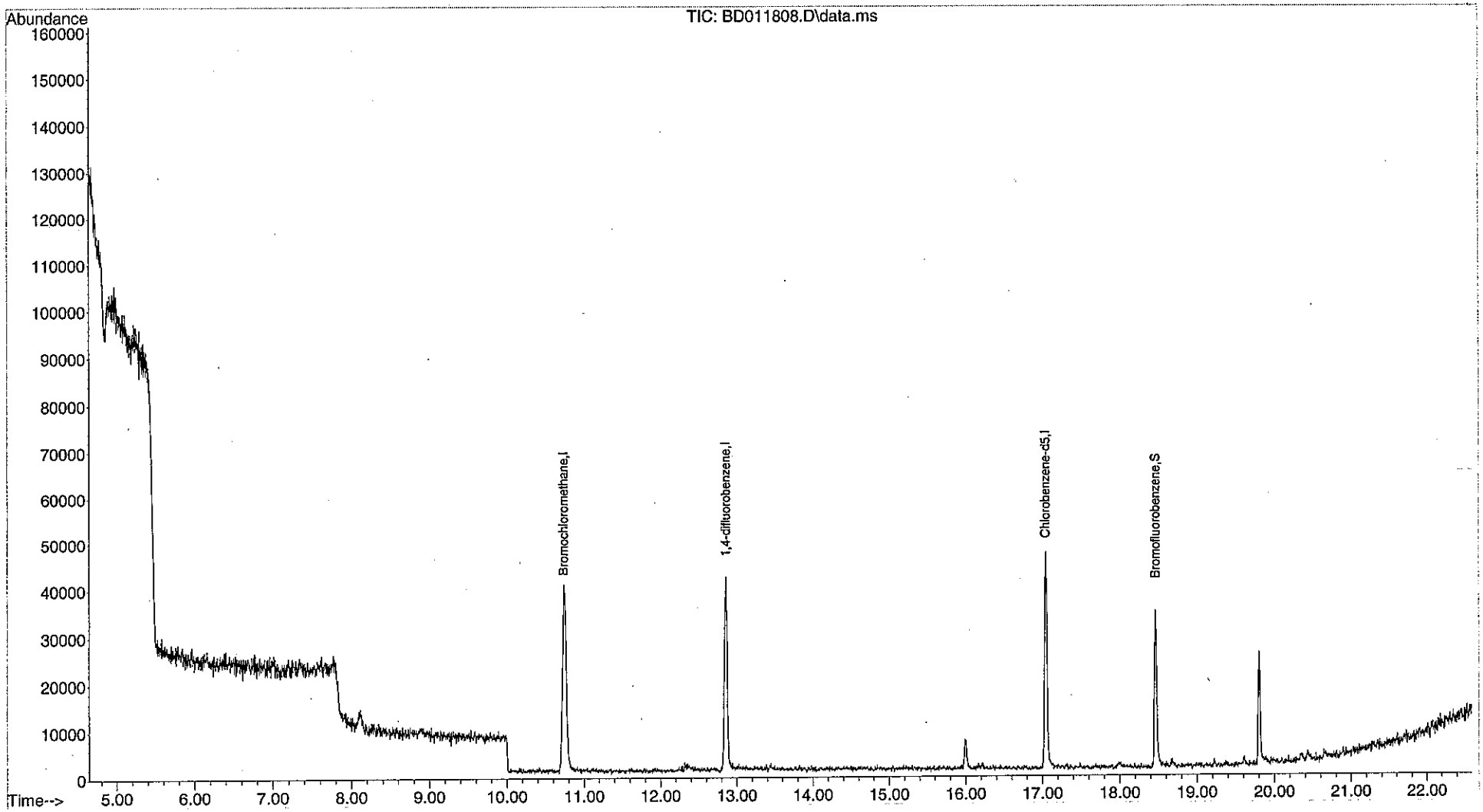
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.734	128	18777	1.00	ppb	0.00
32) 1,4-difluorobenzene	12.854	114	39923	1.00	ppb	0.00
46) Chlorobenzene-d5	17.039	117	32760	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.462	95	11609	0.88	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 88.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011808.D
Acq On : 18 Jan 2008 3:11 pm
Operator :
Sample : WAC011808C
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 22 10:00:52 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011809.D
Acq On : 18 Jan 2008 3:45 pm
Operator :
Sample : WAC011808D
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 22 10:02:47 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

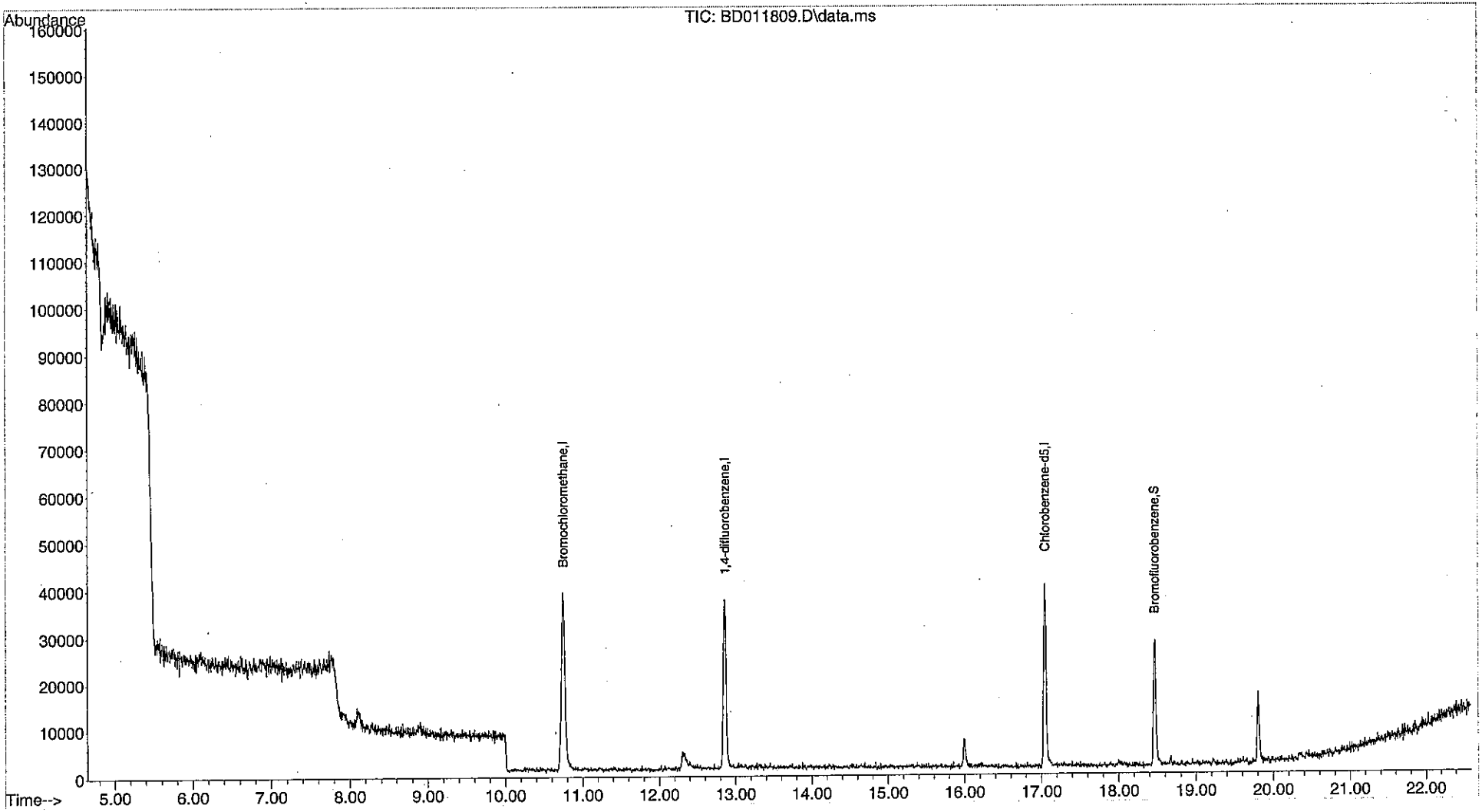
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.749	128	16927	1.00	ppb	0.00
32) 1,4-difluorobenzene	12.863	114	36186	1.00	ppb	0.00
46) Chlorobenzene-d5	17.048	117	27727	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.464	95	9428	0.84	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 84.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011809.D
Acq On : 18 Jan 2008 3:45 pm
Operator :
Sample : WAC011808D
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 22 10:02:47 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011811.D
Acq On : 18 Jan 2008 4:57 pm
Operator :
Sample : WAC011808E
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 22 10:05:43 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

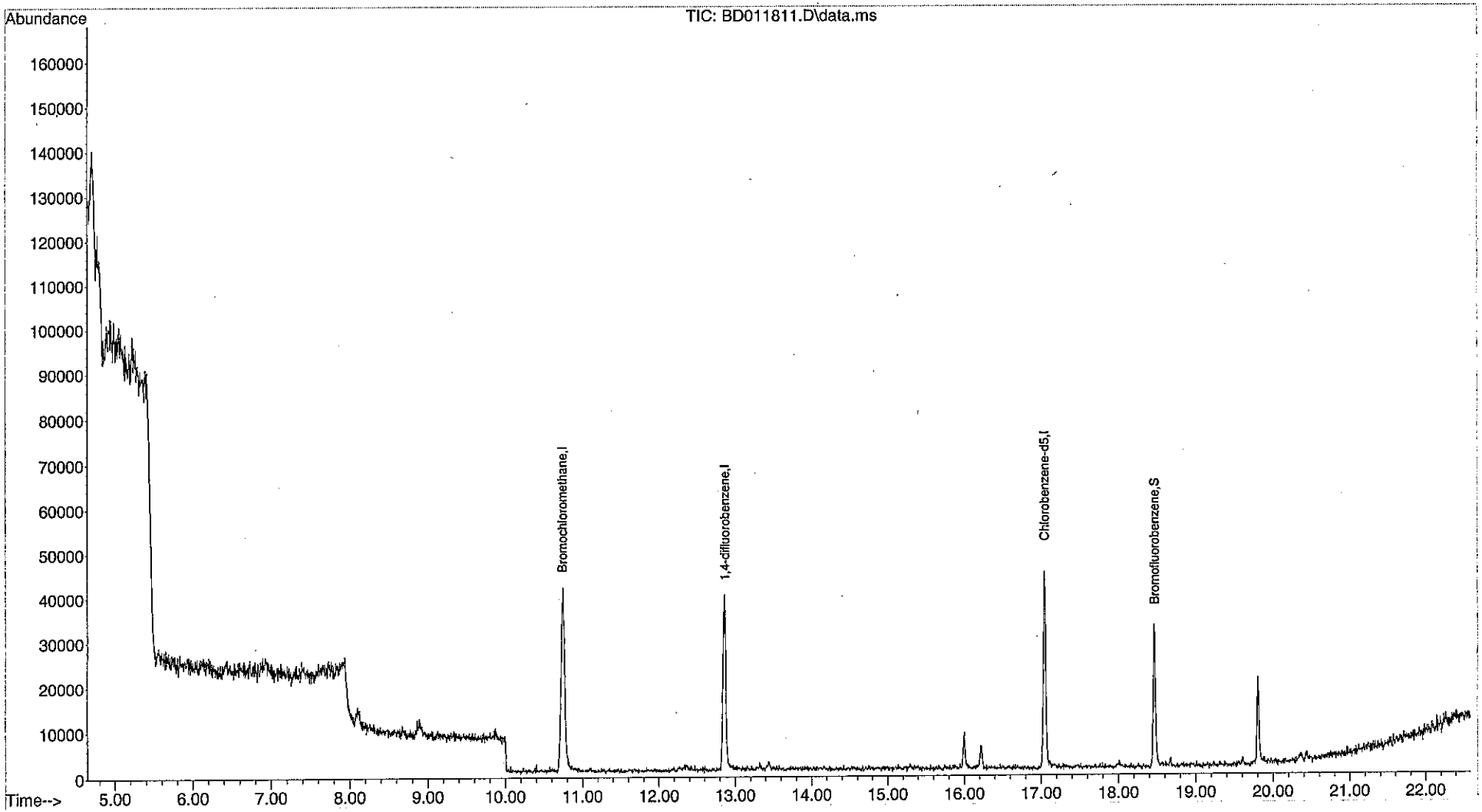
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.740	128	17923	1.00	ppb	# 0.00
32) 1,4-difluorobenzene	12.863	114	38845	1.00	ppb	0.00
46) Chlorobenzene-d5	17.044	117	32074	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.467	95	10672	0.83	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 83.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011811.D
Acq On : 18 Jan 2008 4:57 pm
Operator :
Sample : WAC011808E
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 22 10:05:43 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011812.D
Acq On : 18 Jan 2008 5:31 pm
Operator :
Sample : WAC011808F
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 22 10:07:33 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration

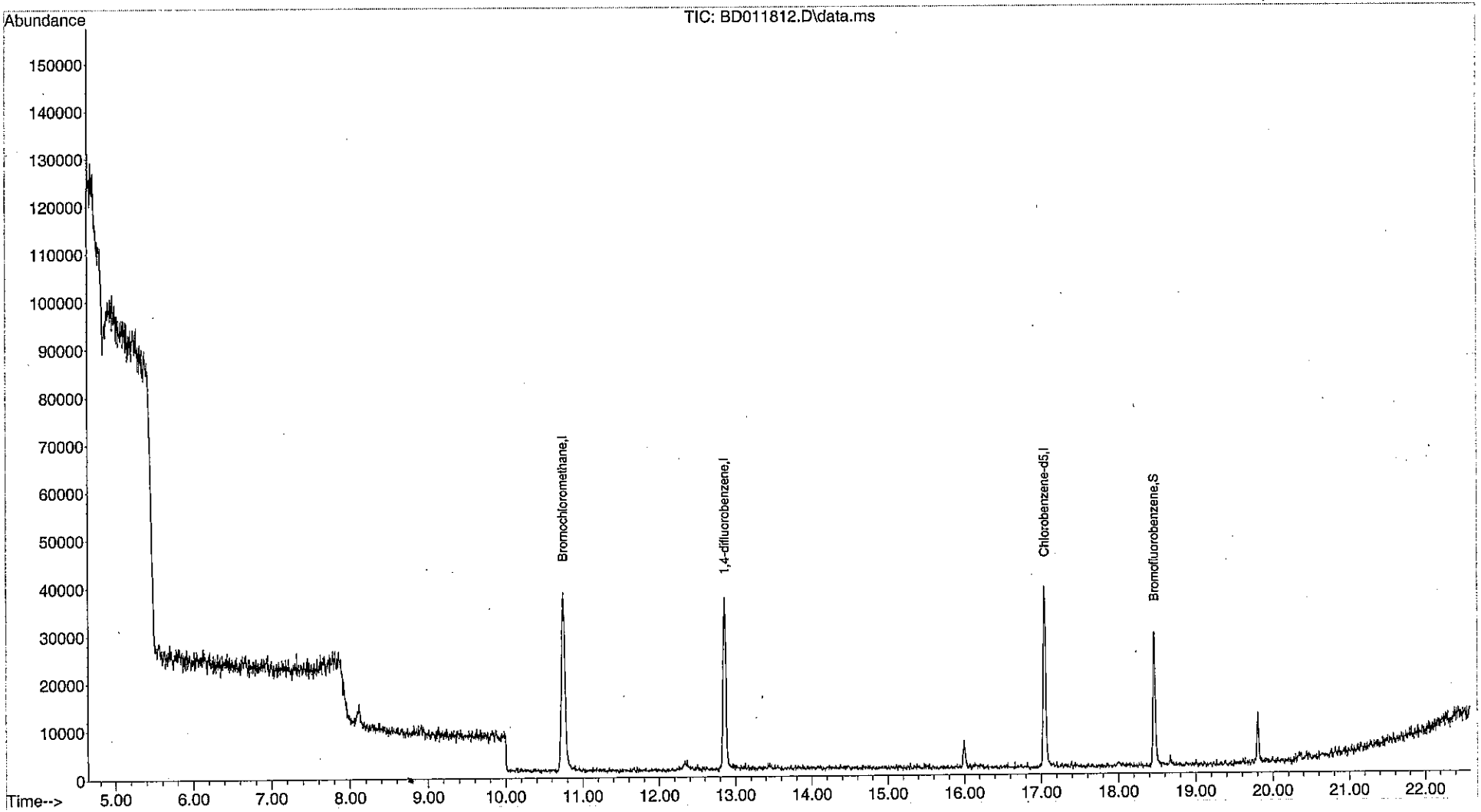
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	10.747	128	16672	1.00	ppb	0.00
32) 1,4-difluorobenzene	12.860	114	35164	1.00	ppb	0.00
46) Chlorobenzene-d5	17.048	117	28036	1.00	ppb	0.00
System Monitoring Compounds						
59) Bromofluorobenzene	18.468	95	9712	0.86	ppb	0.00
Spiked Amount 1.000	Range 70 - 130		Recovery = 86.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011812.D
Acq On : 18 Jan 2008 5:31 pm
Operator :
Sample : WAC011808F
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 22 10:07:33 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Sun Feb 17 13:39:44 2008
Response via : Initial Calibration



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MEMORANDUM

TO: John Blaum [BlaumJP@cdm.com]

REF. NO.: 051681-03

FROM: Susan Scrocchi/bjw/3 SCS

DATE: September 2, 2008
E-Mail and Hard Copy if Requested

RE: **Analytical Results and QA/QC Review**
Town & Country Cleaners D004437-18
Aqueous, Non-Aqueous and Air Monitoring
January 2008

INTRODUCTION

Sixteen (16) groundwater, 12 soil and eight air samples were collected at the Town & Country Cleaners Site #8-28-149. The samples were collected during January 2008. Groundwater and soil samples were submitted to Mitkem Laboratories located in Worick, RI and air samples were submitted to Centek Laboratories, LLC. Located in Syracuse, NY. Samples were analyzed for the following:

Parameter	*Methodology*
Volatile Organic Compounds (VOCs)	SW-846-8260[1]
Volatiles in Air	TO-15[2]

The analytical results are summarized in Tables 1A - 1C. The quality assurance/quality control (QA/QC) criteria by which these data have been assessed are outlined in the analytical methods with the "National Functional Guidelines for Organic Data Review," (October 1999).

Level IV data reports, including all raw data, were submitted by the laboratories. Data assessment was based on information obtained from final data sheets, blank data, duplicate results, surrogate recoveries, spike recoveries, blank spike recoveries, internal standard recoveries and calibration results.

QA/QC REVIEW

All samples were prepared and/or analyzed within the method specified holding times. All samples were properly preserved after collection and maintained at 4°C (±2°C).

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1 "Test Methods for Solid Waste Physical/Chemical Methods", SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

2 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, January 1999.

The gas chromatograph/mass spectrometer (GC/MS) tuning summaries and raw data were reviewed and all the criteria were met for Method SW-846 8260 and Method TO-15.

Initial calibrations were reviewed for Method SW-846 8260 and Method TO-15. Linearity of the calibration curve and instrument sensitivity were evaluated against the following criteria:

i) all relative response factors (RRFs) for the GC/MS must be greater than or equal to 0.05; and

ii) percent relative standard deviation (%RSD) values for GC/MS must not exceed 30 percent or if linear regression is used, the correlation coefficient (R^2) value must be at least 0.99.

All analytes showed adequate instrument linearity. All analytes showed adequate instrument sensitivity with the exception of acetone and 2-butanone yielding response factors less than 0.05. All associated positive sample results were qualified as estimated and all associated non-detect results were rejected due to poor analyte sensitivity.

Continuing calibrations were reviewed for Method SW-846 8260 and Method TO-15. The following criteria were employed to evaluate continuing calibration data:

i) all RRF values for the GC/MS must be greater than or equal to 0.05; and

ii) GC/MS percent difference (%D) values must not exceed 25 percent SW-846 8260 and 30 percent for TO-15.

All results showed adequate instrument linearity for SW-846 8260 with the exception of carbon disulfide, naphthalene, bromoform and trichlorofluoromethane yielding a %D greater than 25. All associated sample results were qualified as estimated to reflect the implied variability. All results showed adequate instrument sensitivity with the exception of acetone and 2-butanone yielding low response values. All associated positive sample results were qualified as estimated and all associated non-detect results were rejected due to poor analyte sensitivity. All results showed adequate instrument linearity for TO-15 with the exception of bromoform and benzyl chloride yielding a %D greater than 30. All associated sample results were qualified as estimated to reflect the implied variability. All results showed adequate instrument sensitivity.

Surrogates and internal standards were added to all samples, blanks, and QC samples prior to analysis of VOCs in air and groundwater. All surrogate recoveries met the method criteria indicating acceptable analytical efficiency with the exception of a high 4-bromfluorobenzene recovery in sample GP3-SV1. All associated positive sample results were qualified as estimated and all non-detect results would not have been impacted by the implied high bias. Several internal standard recoveries did not meet the method criteria. Method TO-15 recoveries were high and all associated positive sample results were qualified as estimated and all non-detect results would not have been impacted. Method SW-846 8260 yielded some low recoveries and all associated sample results were qualified as estimated.

Method blanks were analyzed for all parameters and all TO-15 results were non-detect. Low levels of acetone, methylene chloride and tetrachloroethene were detected in the SW-846 8260 method blanks. All associated data within five times the tetrachloroethene concentration and ten times within the methylene chloride and acetone concentrations were qualified as non-detect.

Blank spikes (BS) were prepared and analyzed. Some outlying recoveries were observed. The following qualification guidelines were followed:

i) where a high recovery was observed, all associated positive sample results were qualified as estimated and all non-detect results would not have been impacted; and

ii) where a low recovery was observed, all associated sample results were qualified as estimated.

Some BSs were prepared in duplicate to assess analytical precision. Some variability between results was observed. All associated sample results were non-detect and would not have been impacted by the implied variability.

To assess the long term accuracy and precision of the analytical methods on various matrices, Matrix spike/Matrix Spike Duplicate (MS/MSD) percent recoveries and relative percent differences (RPD) of the concentrations are determined.

No samples were submitted for MS/MSD analyses.

A trip blank was collected and transported with the investigative samples for volatile analysis by Method SW-846 8260. All trip blank results were non-detect indicating that no analyte of interest was introduced into the samples during sampling, shipment and/or storage.

Some air samples yielded results greater than the calibration range. The laboratory diluted the samples to bring the concentrations in range. The trichloroethene result for sample GP-2/GW-10 and the vinyl chloride result for sample GP-2/GW-1 was above the calibration range in the original analysis but was below the reporting limit in the diluted analysis. The original results were reported and qualified as estimated.

CONCLUSION

Based on the preceding assessment, the data were acceptable with the qualifications and exceptions noted.

TABLE 1A

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID	*NYSDEC*		*828149-GP1-SS01*	*828149-GP2-SS1*	*828149-GP3-SS01*	*828149-GP4-SS1*	*828149-GP5-SS1*
Lab Sample Number	*Recommended Soil*		*G0125-12A*	*G0125-13A*	*G0125-14A*	*G0125-04A*	*G0125-10A*
Sampling Date	*Cleanup Objective (ppb)*		*01-28-08*	*01-28-08*	*01-28-08*	*01-28-06*	*01-28-08*
Dichlorodifluoromethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Chloromethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Vinyl Chloride	200	µg/Kg	200	6 U	6 U	6 U	6 U
Bromomethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Chloroethane	1900	µg/Kg	6 U	6 U	6 U	6 U	6 U
Trichlorofluoromethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	400	µg/Kg	16	6 U	6 U	6 U	6 U
Acetone	200	µg/Kg	7 U	6 U	6 U	22 U	59
Iodomethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Carbon Disulfide	2700	µg/Kg	6 UJ	6 U	6 U	6 U	6 U
Methylene Chloride	100	µg/Kg	6 U	6 U	6 U	6 U	6 U
trans-1,2-Dichloroethene	300	µg/Kg	9	6 U	6 U	6 U	6 U
Methyl tert-butyl ether		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	200	µg/Kg	6 U	6 U	6 U	6 U	6 U
Vinyl acetate		µg/Kg	6 U	6 U	6 U	6 U	6 U
2-Butanone	300	µg/Kg	6 U	8	6 U	7	25
cis-1,2-Dichloroethene		µg/Kg	2200	200	6 U	6 U	6 U
2,2-Dichloropropane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Bromochloromethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Chloroform	300	µg/Kg	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	800	µg/Kg	6 U	6 U	6 U	6 U	6 U
1,1-Dichloropropene		µg/Kg	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	600	µg/Kg	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	100	µg/Kg	6 U	6 U	6 U	6 U	6 U
Benzene	60	µg/Kg	6 U	6 U	6 U	6 U	6 U
Trichloroethene	700	µg/Kg	1100	84	6 U	6 U	6 U
1,2-Dichloropropane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Dibromomethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene		µg/Kg	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	1000	µg/Kg	6 U	6 U	6 U	6 U	6 U
Toluene	1500	µg/Kg	2 J	6 U	3 J	5 J	4 J
trans-1,3-Dichloropropene	300	µg/Kg	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,3-Dichloropropane	300	µg/Kg	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	1400	µg/Kg	210	480	1 J	6 U	6 U
2-Hexanone		µg/Kg	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	N/A	µg/Kg	6 U	6 U	6 U	6 U	6 U

TABLE 1A

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID / *Lab Sample Number* / *Sampling Date*	*NYSDEC Recommended Soil Cleanup Objective (ppb)*		*828149-GP1-SS01* / *G0125-12A* / *01-28-08*	*828149-GP2-SS1* / *G0125-13A* / *01-28-08*	*828149-GP3-SS01* / *G0125-14A* / *01-28-08*	*828149-GP4-SS1* / *G0125-04A* / *01-28-08*	*828149-GP5-SS1* / *G0125-10A* / *01-28-08*
1,2-Dibromoethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	1700	µg/Kg	6 U	6 U	6 U	6 U	6 U
1,1,1,2-Tetrachloroethane		µg/Kg	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	5500	µg/Kg	6 U	6 U	6 U	6 U	6 U
m,p-Xylene		µg/Kg	6 U	6 U	6 U	6 U	6 U
o-Xylene		µg/Kg	6 U	6 U	6 U	6 U	6 U
Xylene (Total)	1200	µg/Kg	6 U	6 U	6 U	6 UJ	6 UJ
Styrene		µg/Kg	6 U	6 U	6 U	6 U	6 U
Bromoform		µg/Kg	6 U	6 U	6 U	6 U	6 U
Isopropylbenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	600	µg/Kg	6 U	6 U	6 U	6 U	6 U
Bromobenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,2,3-Trichloropropane	400	µg/Kg	6 U	6 U	6 U	6 U	6 U
n-Propylbenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U
2-Chlorotoluene		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,3,5-Trimethylbenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U
4-Chlorotoluene		µg/Kg	6 U	6 U	6 U	6 U	6 U
tert-Butylbenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,2,4-Trimethylbenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U
sec-Butylbenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U
4-Isopropyltoluene		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,3-Dichlorobenzene	1600	µg/Kg	6 U	6 U	6 U	6 U	6 U
1,4-Dichlorobenzene	8500	µg/Kg	6 U	6 U	6 U	6 U	6 U
n-Butylbenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,2-Dichlorobenzene	7900	µg/Kg	6 U	6 U	6 U	6 U	6 U
1,2-Dibromo-3-chloropropane		µg/Kg	6 U	6 U	6 U	6 U	6 U
1,2,4-Trichlorobenzene	3400	µg/Kg	6 U	6 U	6 U	6 U	6 U
Hexachlorobutadiene		µg/Kg	6 U	6 U	6 U	6 U	6 U
Naphthalene		µg/Kg	6 UJ	6 U	6 U	6 U	6 U
1,2,3-Trichlorobenzene		µg/Kg	6 U	6 U	6 U	6 U	6 U

TABLE 1A

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID	*NYSDEC*	*828149-GP6-SS1*	*828149-GP8-SS1*	*828149-GP10-SS1*	*828149-GP100-SS1*	*828149-GP11-SS1*	*828149-GP110-SS1*
Lab Sample Number	*Recommended Soil*	*G0125-11A*	*G0125-05A*	*G0125-09A*	*G0125-07A*	*G0125-06A*	*G0125-03A*
Sampling Date	*Cleanup Objective*	*01-29-08*	*01-29-08*	*01-29-08*	*01-29-08*	*01-29-08*	*01-29-08*
	(ppb)						
Dichlorodifluoromethane		6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane		6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Chloride	200	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane		6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	1900	6 U	6 U	6 U	6 U	6 U	6 U
Trichlorofluoromethane		6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	400	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	200	6 U	6 U	6 U	6 U	6 U	6 U
Iodomethane		6 U	6 U	6 U	6 U	6 U	6 U
Carbon Disulfide	2700	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	100	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,2-Dichloroethene	300	6 U	6 U	6 U	6 U	6 U	6 U
Methyl tert-butyl ether		6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	200	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl acetate		6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	300	1 J	2 J	6 U	6 U	6 U	6 U
cis-1,2-Dichloroethene		6 U	6 U	6 U	6 U	6 U	6 U
2,2-Dichloropropane		6 U	6 U	6 U	6 U	6 U	6 U
Bromochloromethane		6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	300	6 U	6 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	800	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloropropene		6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	600	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	100	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	60	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	700	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane		6 U	6 U	6 U	6 U	6 U	6 U
Dibromomethane		6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane		6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene		6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	1000	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	1500	2 J	6 U	3 J	2 J	2 J	3 J
trans-1,3-Dichloropropene	300	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane		6 U	6 U	6 U	6 U	6 U	6 U
1,3-Dichloropropane	300	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	1400	6 U	6 U	6 U	6 U	6 U	6 U
2-Hexanone		6 U	6 U	6 U	6 U	6 U	3 J
Dibromochloromethane	N/A	6 U	6 U	6 U	6 U	6 U	6 U

TABLE 1A

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID *Lab Sample Number* *Sampling Date*	*NYSDEC Recommended Soil Cleanup Objective (ppb)*	*828149-GP6-SS1* *G0125-11A* *01-29-08*	*828149-GP8-SS1* *G0125-05A* *01-29-08*	*828149-GP10-SS1* *G0125-09A* *01-29-08*	*828149-GP100-SS1* *G0125-07A* *01-29-08*	*828149-GP11-SS1* *G0125-06A* *01-29-08*	*828149-GP110-SS1* *G0125-03A* *01-29-08*
1,2-Dibromoethane		6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	1700	6 U	6 U	6 U	6 U	6 U	6 U
1,1,1,2-Tetrachloroethane		6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	5500	6 U	6 U	6 U	6 U	6 U	6 U
m,p-Xylene		6 U	6 U	6 U	6 U	6 U	6 U
o-Xylene		6 U	6 U	6 U	6 U	6 U	6 U
Xylene (Total)	1200	6 U	6 U	6 UJ	6 U	6 U	6 UJ
Styrene		6 U	6 U	6 U	6 U	6 U	6 U
Bromoform		6 UJ	6 U	6 U	6 UJ	6 U	6 U
Isopropylbenzene		6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	600	6 UJ	6 U	6 U	6 UJ	6 U	6 U
Bromobenzene		6 U	6 U	6 U	6 U	6 U	6 U
1,2,3-Trichloropropane	400	6 UJ	6 U	6 U	6 UJ	6 U	6 U
n-Propylbenzene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
2-Chlorotoluene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
1,3,5-Trimethylbenzene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
4-Chlorotoluene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
tert-Butylbenzene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
1,2,4-Trimethylbenzene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
sec-Butylbenzene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
4-Isopropyltoluene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
1,3-Dichlorobenzene	1600	6 UJ	6 U	6 U	6 UJ	6 U	6 U
1,4-Dichlorobenzene	8500	6 UJ	6 U	6 U	6 UJ	6 U	6 U
n-Butylbenzene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
1,2-Dichlorobenzene	7900	6 UJ	6 U	6 U	6 UJ	6 U	6 U
1,2-Dibromo-3-chloropropane		6 UJ	6 U	6 U	6 UJ	6 U	6 U
1,2,4-Trichlorobenzene	3400	6 UJ	6 U	6 U	6 UJ	6 U	2 J
Hexachlorobutadiene		6 UJ	6 U	6 U	6 UJ	6 U	6 U
Naphthalene		6 UJ	6 U	6 U	6 UJ	6 U	3 J
1,2,3-Trichlorobenzene		6 UJ	6 U	6 U	6 UJ	6 U	2 J

TABLE 1A

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID *Lab Sample Number* *Sampling Date*	*NYSDEC* *Recommended Soil* *Cleanup Objective* *(ppb)*	*828149-GP12-SS1* *G0125-08A* *01-29-08*
Dichlorodifluoromethane		6 U
Chloromethane		6 U
Vinyl Chloride	200	6 U
Bromomethane		6 U
Chloroethane	1900	6 U
Trichlorofluoromethane		6 U
1,1-Dichloroethene	400	6 U
Acetone	200	6 U
Iodomethane		6 U
Carbon Disulfide	2700	6 U
Methylene Chloride	100	6 U
trans-1,2-Dichloroethene	300	6 U
Methyl tert-butyl ether		6 U
1,1-Dichloroethane	200	6 U
Vinyl acetate		6 U
2-Butanone	300	6 U
cis-1,2-Dichloroethene		6 U
2,2-Dichloropropane		6 U
Bromochloromethane		6 U
Chloroform	300	6 U
1,1,1-Trichloroethane	800	6 U
1,1-Dichloropropene		6 U
Carbon Tetrachloride	600	6 U
1,2-Dichloroethane	100	6 U
Benzene	60	6 U
Trichloroethene	700	6 U
1,2-Dichloropropane		6 U
Dibromomethane		6 U
Bromodichloromethane		6 U
cis-1,3-Dichloropropene		6 U
4-Methyl-2-pentanone	1000	6 U
Toluene	1500	5 J
trans-1,3-Dichloropropene	300	6 U
1,1,2-Trichloroethane		6 U
1,3-Dichloropropane	300	6 U
Tetrachloroethene	1400	1 J
2-Hexanone		6 U
Dibromochloromethane	N/A	6 U

TABLE 1A

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID / *Lab Sample Number* / *Sampling Date*	*NYSDEC Recommended Soil Cleanup Objective (ppb)*	*828149-GP12-SS1* / *G0125-08A* / *01-29-08*
1,2-Dibromoethane		6 U
Chlorobenzene	1700	6 U
1,1,1,2-Tetrachloroethane		6 U
Ethylbenzene	5500	6 U
m,p-Xylene		6 U
o-Xylene		6 U
Xylene (Total)	1200	6 UJ
Styrene		6 U
Bromoform		6 UJ
Isopropylbenzene		6 U
1,1,2,2-Tetrachloroethane	600	6 UJ
Bromobenzene		6 U
1,2,3-Trichloropropane	400	6 UJ
n-Propylbenzene		6 UJ
2-Chlorotoluene		6 UJ
1,3,5-Trimethylbenzene		6 UJ
4-Chlorotoluene		6 UJ
tert-Butylbenzene		6 UJ
1,2,4-Trimethylbenzene		6 UJ
sec-Butylbenzene		6 UJ
4-Isopropyltoluene		6 UJ
1,3-Dichlorobenzene	1600	6 UJ
1,4-Dichlorobenzene	8500	6 UJ
n-Butylbenzene		6 UJ
1,2-Dichlorobenzene	7900	6 UJ
1,2-Dibromo-3-chloropropane		6 UJ
1,2,4-Trichlorobenzene	3400	6 UJ
Hexachlorobutadiene		6 UJ
Naphthalene		6 UJ
1,2,3-Trichlorobenzene		6 UJ

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.

TABLE 1B

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID	*Ambient*		*828149-GP1-GW1*	*828149-GP2-GW1*	*828149-GP2-GW10*	*828149-GP3-GW1*	*828149-GP4-GW1*
Lab Sample Number	*Water*		*G0125-17A*	*G0125-20A*	*G0125-21A*	*G0125-22A*	*G0125-29A*
Sampling Date	*Quality*		*01-29-08*	*01-29-08*	*01-29-08*	*01-29-08*	*01-29-08*
	Standard						
Dichlorodifluoromethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Chloromethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	µg/L	1300	220 J	100	1 J	5 U
Bromomethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Chloroethane	50	µg/L	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	NS	µg/L	5 U	5 UJ	5 UJ	5 UJ	5 UJ
1,1-Dichloroethene	5	µg/L	51	44	23	5 U	5 U
Acetone	50	µg/L	R	R	R	R	8 J
Iodomethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	50	µg/L	5 UJ	5 U	5 U	5 U	5 U
Methylene Chloride	5	µg/L	5 U	2 J	1 J	5 U	5 U
trans-1,2-Dichloroethene	5	µg/L	26	23	16	5 U	5 U
Methyl tert-butyl ether	NS	µg/L	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	µg/L	3 J	20	16	5 U	5 U
Vinyl acetate	NS	µg/L	5 U	5 U	5 U	5 U	5 U
2-Butanone	50	µg/L	R	R	R	R	R
cis-1,2-Dichloroethene	5	µg/L	2700	3100 J	2600	6	1 J
2,2-Dichloropropane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Chloroform	7	µg/L	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	µg/L	5 U	61	38	5 U	5 U
1,1-Dichloropropene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	µg/L	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5	µg/L	5 U	5 U	5 U	5 U	5 U
Benzene	0.7	µg/L	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	µg/L	770	1200 J	780 J	26	1 J
1,2-Dichloropropane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Dibromomethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	50	µg/L	5 U	5 U	5 U	5 U	5 U
Toluene	5	µg/L	1 J	3 J	2 J	5 U	5 U
trans-1,3-Dichloropropene	5	µg/L	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5	µg/L	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	µg/L	2900	74000	46000	190	6
2-Hexanone	NS	µg/L	5 U	5 U	5 U	5 U	5 U

TABLE 1B

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID / *Lab Sample Number* / *Sampling Date*	*Ambient Water Quality Standard*		*828149-GP1-GW1* / *G0125-17A* / *01-29-08*	*828149-GP2-GW1* / *G0125-20A* / *01-29-08*	*828149-GP2-GW10* / *G0125-21A* / *01-29-08*	*828149-GP3-GW1* / *G0125-22A* / *01-29-08*	*828149-GP4-GW1* / *G0125-29A* / *01-29-08*
Dibromochloromethane	50	µg/L	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	µg/L	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	µg/L	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
o-Xylene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Xylene (Total)	5	µg/L	5 U	5 U	5 U	5 U	5 U
Styrene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Bromoform	NS	µg/L	5 U	5 U	5 U	5 U	5 UJ
Isopropylbenzene	NS	µg/L	5 U	2 J	2 J	5 U	5 U
1,1,2,2-Tetrachloroethane	5	µg/L	5 U	5 U	5 U	5 U	5 U
Bromobenzene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5	µg/L	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	5	µg/L	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	5	µg/L	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	4.7	µg/L	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	NS	µg/L	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5	µg/L	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	NS	µg/L	5 U	5 U	5 U	5 U	5 U
Naphthalene	NS	µg/L	5 UJ	5 U	5 U	5 UJ	5 UJ
1,2,3-Trichlorobenzene	NS	µg/L	5 U	5 U	5 U	5 U	5 U

TABLE 1B

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID	*Ambient*	*828149-GP5-GW1*	*828149-GP6-GW1*	*828149-GP7-GW1*	*828149-GP9-GW1*	*828149-GP10-GW1*
Lab Sample Number	*Water*	*G0125-15A*	*G0125-23A*	*G0125-01A*	*G0125-27A*	*G0125-24A*
Sampling Date	*Quality*	*01-29-08*	*01-30-08*	*01-30-08*	*01-30-08*	*01-30-08*
	Standard					
Dichlorodifluoromethane	NS	5 U	5 U	5 U	5 U	5 U
Chloromethane	NS	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	3 J	5 U	5 U	5 U	5 U
Bromomethane	NS	5 U	5 U	5 U	5 U	5 U
Chloroethane	50	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	NS	5 U	5 UJ	5 U	5 UJ	5 UJ
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U
Acetone	50	4 J	49 J	18 J	R	R
Iodomethane	NS	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	50	5 UJ	5 U	5 U	5 U	5 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	NS	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U
Vinyl acetate	NS	5 U	5 U	5 U	5 U	5 U
2-Butanone	50	R	R	R	R	R
cis-1,2-Dichloroethene	5	31	5 U	5 U	5 U	5 U
2,2-Dichloropropane	NS	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	NS	5 U	5 U	5 U	5 U	5 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	NS	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U
Benzene	0.7	5 U	5 U	2 J	5 U	2 J
Trichloroethene	5	3 J	5 U	5 U	5 U	5 U
1,2-Dichloropropane	NS	5 U	5 U	5 U	5 U	5 U
Dibromomethane	NS	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	NS	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	NS	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U	5 U
Toluene	5	5 U	5 U	5	5 U	3 J
trans-1,3-Dichloropropene	5	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	NS	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	5 U
2-Hexanone	NS	5 U	5 U	5 U	5 U	5 U

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID	*Ambient*	*828149-GP5-GW1*	*828149-GP6-GW1*	*828149-GP7-GW1*	*828149-GP9-GW1*	*828149-GP10-GW1*
Lab Sample Number	*Water*	*G0125-15A*	*G0125-23A*	*G0125-01A*	*G0125-27A*	*G0125-24A*
Sampling Date	*Quality*	*01-29-08*	*01-30-08*	*01-30-08*	*01-30-08*	*01-30-08*
	Standard					
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NS	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	NS	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	NS	5 U	5 U	3 J	5 U	2 J
o-Xylene	NS	5 U	5 U	1 J	5 U	5 U
Xylene (Total)	5	5 U	5 U	4 J	5 U	2 J
Styrene	NS	5 U	5 U	5 U	5 U	5 U
Bromoform	NS	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	NS	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U
Bromobenzene	NS	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	NS	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	NS	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	NS	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	NS	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	NS	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	NS	5 U	5 U	1 J	5 U	5 U
sec-Butylbenzene	NS	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene	NS	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	5	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	5	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	NS	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	4.7	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	NS	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	NS	5 U	5 U	5 U	5 U	5 U
Naphthalene	NS	5 UJ	5 UJ	5 U	5 UJ	5 UJ
1,2,3-Trichlorobenzene	NS	5 U	5 U	5 U	5 U	5 U

TABLE 1B

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID / *Lab Sample Number* / *Sampling Date*	*Ambient Water Quality Standard*	*828149-GP11-GW1* *G0125-26A* *01-30-08*	*828149-GP12-GW1* *G0125-25A* *01-30-08*	*828149-GW1* *G0125-18A* *01-28-08*	*828149-GW2* *G0125-16A* *01-28-08*	*828149-GW204S-01* *G0125-02A* *01-29-08*
Dichlorodifluoromethane	NS	5 U	5 U	5 U	5 U	5 U
Chloromethane	NS	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	5 U	5 U	190	5 U	7
Bromomethane	NS	5 U	5 U	5 U	5 U	5 U
Chloroethane	50	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	NS	5 UJ	5 UJ	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	14	5 U	5 U
Acetone	50	14 J	R	R	R	R
Iodomethane	NS	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	50	5 U	5 U	5 UJ	5 UJ	5 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	4 U	5 U	5 U
Methyl tert-butyl ether	NS	5 U	5 U	5 U	5 U	7
1,1-Dichloroethane	5	5 U	5 U	1 U	5 U	5 U
Vinyl acetate	NS	5 U	5 U	5 U	5 U	5 U
2-Butanone	50	R	R	R	R	R
cis-1,2-Dichloroethene	5	5 U	5 U	500	3	29
2,2-Dichloropropane	NS	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	NS	5 U	5 U	5 U	5 U	5 U
Chloroform	7	2 J	5 U	5 U	5 U	10
1,1,1-Trichloroethane	5	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	NS	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5	5 U	5 U	5 U	5 U	5 U
Benzene	0.7	5 U	5 U	5 U	5 U	2 J
Trichloroethene	5	5 U	5 U	82 J	3 J	2 J
1,2-Dichloropropane	NS	5 U	5 U	5 U	5 U	5 U
Dibromomethane	NS	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	NS	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	NS	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U	5 U
Toluene	5	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	NS	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	19 U	370 U	37
2-Hexanone	NS	5 U	5 U	5 U	5 U	5 U

TABLE 1B

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID	*Ambient*	*828149-GP11-GW1*	*828149-GP12-GW1*	*828149-GW1*	*828149-GW2*	*828149-GW204S-01*
Lab Sample Number	*Water*	*G0125-26A*	*G0125-25A*	*G0125-18A*	*G0125-16A*	*G0125-02A*
Sampling Date	*Quality*	*01-30-08*	*01-30-08*	*01-28-08*	*01-28-08*	*01-29-08*
	Standard					
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NS	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	NS	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	NS	5 U	5 U	5 U	5 U	5 U
o-Xylene	NS	5 U	5 U	5 U	5 U	5 U
Xylene (Total)	5	5 U	5 U	5 U	5 U	5 U
Styrene	NS	5 U	5 U	5 U	5 U	5 U
Bromoform	NS	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	NS	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U
Bromobenzene	NS	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	NS	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	NS	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	NS	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	NS	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene	NS	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	NS	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	NS	5 U	5 U	5 U	5 U	5 U
4-Isopropyltoluene	NS	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	5	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	5	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	NS	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	4.7	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	NS	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	NS	5 U	5 U	5 U	5 U	5 U
Naphthalene	NS	5 UJ	5 UJ	5 UJ	5 UJ	5 U
1,2,3-Trichlorobenzene	NS	5 U	5 U	5 U	5 U	5 U

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID	*Ambient*	*828149-GW205S-01*	*TRIP BLANK*
Lab Sample Number	*Water*	*G0125-19A*	*G0125-28A*
Sampling Date	*Quality*	*01-29-08*	*01-30-08*
	Standard		
Dichlorodifluoromethane	NS	5 U	5 U
Chloromethane	NS	5 U	5 U
Vinyl Chloride	2	5 U	5 U
Bromomethane	NS	5 U	5 U
Chloroethane	50	5 U	5 U
Trichlorofluoromethane	NS	5 UJ	5 UJ
1,1-Dichloroethene	5	5 U	R
Acetone	50	R	R
Iodomethane	NS	5 U	5 U
Carbon Disulfide	50	5 U	5 U
Methylene Chloride	5	5 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U
Methyl tert-butyl ether	NS	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U
Vinyl acetate	NS	5 U	5 U
2-Butanone	50	R	5 U
cis-1,2-Dichloroethene	5	2 J	5 U
2,2-Dichloropropane	NS	5 U	5 U
Bromochloromethane	NS	5 U	5 U
Chloroform	7	5 U	5 U
1,1,1-Trichloroethane	5	5 U	5 U
1,1-Dichloropropene	NS	5 U	5 U
Carbon Tetrachloride	5	5 U	5 U
1,2-Dichloroethane	5	5 U	5 U
Benzene	0.7	5 U	5 U
Trichloroethene	5	5 U	5 U
1,2-Dichloropropane	NS	5 U	5 U
Dibromomethane	NS	5 U	5 U
Bromodichloromethane	NS	5 U	5 U
cis-1,3-Dichloropropene	NS	5 U	5 U
4-Methyl-2-pentanone	50	5 U	5 U
Toluene	5	5 U	5 U
trans-1,3-Dichloropropene	5	5 U	5 U
1,1,2-Trichloroethane	NS	5 U	5 U
1,3-Dichloropropane	5	5 U	5 U
Tetrachloroethene	5	5 U	5 U
2-Hexanone	NS	5 U	5 U

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID	*Ambient*	*828149-GW205S-01*	*TRIP BLANK*
Lab Sample Number	*Water*	*G0125-19A*	*G0125-28A*
Sampling Date	*Quality*	*01-29-08*	*01-30-08*
	Standard		
Dibromochloromethane	50	5 U	5 U
1,2-Dibromoethane	NS	5 U	5 U
Chlorobenzene	5	5 U	5 U
1,1,1,2-Tetrachloroethane	NS	5 U	5 U
Ethylbenzene	5	5 U	5 U
m,p-Xylene	NS	5 U	5 U
o-Xylene	NS	5 U	5 U
Xylene (Total)	5	5 U	5 U
Styrene	NS	5 U	5 U
Bromoform	NS	5 U	5 U
Isopropylbenzene	NS	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U
Bromobenzene	NS	5 U	5 U
1,2,3-Trichloropropane	5	5 U	5 U
n-Propylbenzene	NS	5 U	5 U
2-Chlorotoluene	NS	5 U	5 U
1,3,5-Trimethylbenzene	NS	5 U	5 U
4-Chlorotoluene	NS	5 U	5 U
tert-Butylbenzene	NS	5 U	5 U
1,2,4-Trimethylbenzene	NS	5 U	5 U
sec-Butylbenzene	NS	5 U	5 U
4-Isopropyltoluene	NS	5 U	5 U
1,3-Dichlorobenzene	5	5 U	5 U
1,4-Dichlorobenzene	5	5 U	5 U
n-Butylbenzene	NS	5 U	5 U
1,2-Dichlorobenzene	4.7	5 U	5 U
1,2-Dibromo-3-chloropropane	NS	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U
Hexachlorobutadiene	NS	5 U	5 U
Naphthalene	NS	5 U	5 U
1,2,3-Trichlorobenzene	NS	5 U	5 U

Notes

J	Estimated.
R	Rejected.
U	Not detected.
UJ	Not detected, estimated reporting limit.

ANALYTICAL RESULTS SUMMARY - AIR
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

	Sample ID	*828149-GP11-SVI*	*828149-GP1-SVI*	*828149-GP3-SVI*	*828149-GP4-SVI*	*828149-GP5-SVI*	*828149-GP6-SVI*	*828149-GP6-SVIOD*	*828149-GP8-SVI*
		1/30/08	*1/29/08*	*1/29/08*	*1/29/08*	*1/29/08*	*1/30/08*	*1/30/08*	*1/30/08*
TO15	*Units*								
1,1,1-Trichloroethane	µg/m3	0.832 U	1.22 J	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1,2,2-Tetrachloroethane	µg/m3	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	µg/m3	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	µg/m3	0.617 U	30.4	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	µg/m3	0.605 U	929	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	µg/m3	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	µg/m3	0.700 J	1.45 J	1.45 J	1.05 J	1.40 J	0.749 U	0.749 U	0.749 J
1,2-Dibromoethane	µg/m3	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	µg/m3	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloroethane	µg/m3	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,2-Dichloropropane	µg/m3	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	µg/m3	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U
1,3-butadiene	µg/m3	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	µg/m3	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	µg/m3	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	µg/m3	1.10 U	1.10 U	1.10 U	1.10 U	1.10 U	1.10 U	1.10 U	1.10 U
2,2,4-trimethylpentane	µg/m3	0.712 U	4.27 J	0.807 J	0.712 J	0.665 J	0.712 U	0.712 U	0.712 U
4-ethyltoluene	µg/m3	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U
Acetone	µg/m3	10.9	43.5	24.9 J	31.6	26.8 J	13.0	12.6	8.21
Allyl chloride	µg/m3	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	µg/m3	0.487 U	9.09 J	2.99 J	2.37 J	3.86 J	0.649 J	0.779 J	0.487 U
Benzyl chloride	µg/m3	0.877 UJ	0.877 U	0.877 U	0.877 U	0.877 U	0.877 UJ	0.877 UJ	0.877 UJ
Bromodichloromethane	µg/m3	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	µg/m3	1.58 UJ	1.58 U	1.58 U	1.58 U	1.58 U	1.58 UJ	1.58 UJ	1.58 UJ
Bromomethane	µg/m3	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	µg/m3	1.20	42.4	2.75 J	3.73	8.55 J	1.08 J	1.90	0.475
Carbon tetrachloride	µg/m3	0.256 U	0.256 J	0.320 J	0.256 J	0.256 J	0.256 U	0.256 U	0.256 U
Chlorobenzene	µg/m3	0.702 U	0.702 U	0.702 U	0.655 J	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	µg/m3	0.402 U	4.48 J	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	µg/m3	0.744 U	1.09 J	0.943 J	0.744 U	1.14	0.744 U	0.744 U	0.744 U
Chloromethane	µg/m3	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U
cis-1,2-Dichloroethene	µg/m3	0.604 U	2840	0.604 U	0.604 U	0.604 U	1.45 J	0.766	0.604 U
cis-1,3-Dichloropropene	µg/m3	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	µg/m3	3.81	16.8 J	3.85 J	23.4	10.8 J	1.71 J	2.17 J	0.525 U
Dibromochloromethane	µg/m3	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U
Ethyl acetate	µg/m3	2.20	195	46.5 J	1.50	47.6 J	6.26 J	2.60	0.879 J
Ethylbenzene	µg/m3	1.32 J	1.10 J	1.63 J	0.839 J	1.06 J	0.662 U	0.927 J	1.19 J
Freon 11	µg/m3	0.857	3.94 J	6.00 J	1.09	6.11	0.685 J	1.20	0.685 J
Freon 113	µg/m3	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U

ANALYTICAL RESULTS SUMMARY - AIR
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

	Sample ID	*828149-GP11-SVI* *1/30/08*	*828149-GP1-SVI* *1/29/08*	*828149-GP3-SVI* *1/29/08*	*828149-GP4-SVI* *1/29/08*	*828149-GP5-SVI* *1/29/08*	*828149-GP6-SVI* *1/30/08*	*828149-GP6-SVIOD* *1/30/08*	*828149-GP8-SVI* *1/30/08*
TO15	*Units*								
Freon 114	µg/m3	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	µg/m3	1.26	0.754 J	0.754 U	0.754 U	1.41	1.01 J	1.16	1.31
Heptane	µg/m3	0.625 U	5.50 J	4.96 J	3.12 J	6.33 J	0.625 U	0.458 J	0.625 U
Hexachloro-1,3-butadiene	µg/m3	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U
Hexane	µg/m3	0.537 U	66.6	8.96 J	51.9	19.0 J	0.824 J	1.86	0.537 U
Isopropyl alcohol	µg/m3	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	µg/m3	4.50 J	3.44 J	5.65 J	2.12 J	3.27 J	0.441 J	2.30 J	3.80 J
Methyl Butyl Ketone	µg/m3	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl Ethyl Ketone	µg/m3	6.00 J	0.899 U	0.899 U	0.899 U	0.899 U	0.630 J	2.52	3.63
Methyl Isobutyl Ketone	µg/m3	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	µg/m3	0.550 U	0.550 U	0.550 U	0.550 U	0.550 U	0.550 U	0.550 U	0.550 U
Methylene chloride	µg/m3	1.52	2.12 J	0.847 J	0.600	0.459 J	0.388 J	0.706	0.494 J
o-Xylene	µg/m3	1.68 J	1.06 J	1.94 J	0.706 J	1.10 J	0.662 U	0.750 J	1.32 J
Propylene	µg/m3	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	µg/m3	4.33 J	4.59 J	4.85 J	1.39 J	4.33 J	0.649 U	1.26 J	2.99 J
Tetrachloroethylene	µg/m3	1.03 J	9.24 J	10.3 J	1.59 J	1.65 J	15.2	1.79 J	1.24 J
Tetrahydrofuran	µg/m3	0.450 U	0.450 U	0.450 U	0.450 U	0.450 U	0.450 U	0.450 U	0.450 U
Toluene	µg/m3	96.5	13.8	6.51 J	16.1	4.98 J	2.45 J	8.81	23.4
trans-1,2-Dichloroethene	µg/m3	0.604 U	145	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
trans-1,3-Dichloropropene	µg/m3	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Trichloroethene	µg/m3	0.218 U	395	0.437 J	0.218 J	0.328 J	2.73 J	0.710 J	0.218
Vinyl acetate	µg/m3	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl Bromide	µg/m3	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U
Vinyl chloride	µg/m3	0.234	50600	0.104 U	0.104 U	0.831	0.104 U	0.104 U	0.104 U

Notes:

J	Estimated.
U	Not detected.
UJ	Not detected, estimated reporting limit.