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VIA OVERNIGHT COURIER AND EMAIL

January 23, 2013

Mr. Payson Long, PE
Environmental Engineer I
Bureau D, Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: **Interim Remedial Measures Report
American Drive-In Cleaners Site #130049
3801 Hempstead Turnpike, Levittown, NY
FPM File No. 696-12-07 (004)**

Dear Payson:

The Interim Remedial Measure (IRM) activities for the above-referenced site have been completed in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved IRM Work Plan (March 2012). On behalf of the property owner, FPM Group (FPM) is hereby providing this IRM Report documenting the results of the IRM activities. The IRM activities included:

- Removal and proper offsite disposal of impacted soil;
- Conducting confirmatory soil sampling in the removal areas;
- Backfilling of the resulting voids from soil removal; and
- Documenting the completed work.

In addition, removal of a previously-abandoned 5,000-gallon fuel oil underground storage tank (UST) was conducted. The UST removal activities are also documented herein.

This IRM Report includes a discussion of the IRM procedures and results, copies of the lab data on CD, summary data tables, figures showing the sampling locations, data usability summary reports (DUSRs), Community Air Monitoring Plan (CAMP) monitoring results, and waste disposal documentation. The NYSDEC electronic data deliverables (EDDs) have been prepared and submitted for the samples collected by FPM.

As a new commercial building is proposed to be constructed in the footprint of the removed building and there is the potential for soil vapor intrusion (SVI) to present a concern, we have also included a proposed approach for SVI mitigation.

Pre-IRM Activities

Prior to implementing the IRM, the building and a previously-abandoned fuel oil UST were removed. Building demolition was initiated on June 27, 2012 and completed on July 2, 2012. UST removal was conducted on August 20, 2012. A representative from the NYSDEC's contractor, EnviroTrac, was present during these activities and a Nassau County Department of Health (NCDOH) representative (Ms. Carol Dugan) was also present to inspect the removed UST and associated excavation. A site plan showing the former building and UST locations is included as Figure 1. CAMP monitoring was conducted during intrusive activities; no CAMP exceedances were noted, as further discussed below.

The above-grade portions of the building were removed on June 27, 2012 and the underlying concrete slab was removed on June 28 and 29 and July 2, 2012. During removal of the building slab on June 29, 2012 residual liquid from a small-diameter pipe was noted to discharge to the underlying soil. The liquid and affected soils were examined and noted to have an odor and exhibit elevated photoionization detector (PID) responses. Due to these observations and as a precautionary measure, the pipe, liquid, and affected soils were immediately stockpiled on and covered with polyethylene sheeting for proper offsite disposal. The remaining soils beneath the former building slab were visually examined and screened with a calibrated PID by the NYSDEC's contractor representative and by an FPM environmental professional. No indications suggestive of potential impact were noted in any of the remaining soils.

Following the removal of the affected soils from beneath the former building slab, endpoint sampling was performed by the NYSDEC's contractor representative, with the samples analyzed for volatile organic compounds (VOCs). The analytical results are summarized in Table 1 and a copy of the laboratory report provided by the NYSDEC's contractor representative is included in Attachment A. A DUSR is included in Attachment B. Several VOCs, including tetrachloroethylene (PCE), a site-related VOC, were detected at low and low estimated concentrations; however, no exceedances of the 6 NYCRR Part 375-6 Soil Cleanup Objectives (SCOs) for unrestricted use were noted.

Based on these data, the observations of the remaining soil, and previously-obtained soil data from beneath the former building, no VOC-impacted soil remains present in the area of the former onsite building. No further remedial measures for soil are indicated for this area.

On August 20, 2012 a previously-abandoned 5,000-gallon fuel oil UST was removed from the area to the west of the former building. The UST was found to have been previously cut open, cleaned, and backfilled with sand. No significant corrosion or holes were noted other than those made during prior closure activities. No odors or staining suggestive of potential petroleum contamination were evident on the sand contained within the UST or within the excavation. During excavation activities a buried five-gallon bucket labeled "driveway sealer" was discovered and inadvertently punctured. The contents of the container, a black liquid, discharged to the soils immediately beneath the container. The liquid and affected soils were examined and no odor or PID responses were noted. As a precaution, the affected soils were stockpiled and placed on polysheeting for proper disposal; this work was performed under the observation and with the concurrence of the NYSDEC's contractor representative. The NCDOH representative was in agreement with the completed work; no further work is indicated or required by the NCDOH for the removed previously-abandoned 5,000-gallon fuel oil UST.

IRM Activities

On August 21, 2012 the two cesspools situated along the east side of the former building were accessed. Based on the results of the pre-demolition investigation, as summarized in the IRM Work Plan, further assessment of the northern-most overflow cesspool and remediation of the southern primary cesspool were conducted. A site plan showing the cesspools is shown in Figure 2. This work was performed under the oversight of the NYSDEC's contractor representative. CAMP monitoring was performed; no CAMP exceedances were noted, as described below.

The northern-most cesspool (CPN) was accessed by removing the overlying pavement and concrete cover. The structure was noted to be open from the top of structure to a depth of approximately 11 feet below grade. No liquids or evidence of prior backfilling (mounding) were noted in the structure. The soil within the structure was assessed for signs of potential impact by utilizing a decontaminated stainless hand auger to collect soil samples from several locations within the structure. The hand auger was advanced to a depth of at least one foot below the bottom of the structure and each sample was examined for odors and staining, and screened with a PID for signs of contamination. No odors, staining, or PID responses were noted and, therefore, remediation of this structure was not conducted. To further confirm the soil conditions within the cesspool, one sample (CPN) of the soil was collected and analyzed for Target Compound List (TCL) VOCs. The sample was collected from just below the inlet piping from the southern (primary) cesspool. The complete laboratory report is provided in Attachment A and a DUSR for the laboratory report is included in Attachment B. The analytical data from this sample are summarized in Table 2; no exceedances of the 6 NYCRR SCOs for unrestricted use were noted. Based on these results, the soil in this cesspool meets applicable NYSDEC criteria and no further investigation or remedial work is indicated for the northern-most (overflow) cesspool.

The southern primary cesspool (CPS) was remediated in accordance with the IRM Work Plan. The cesspool was accessed by removing the overlying pavement and cover. The structure was noted to be open from the top of structure to a depth of approximately 12 feet below grade. No liquids were noted in the structure. Minor mounding, suggestive of backfilling was noted in the structure. Following inspection, the backfill and underlying contaminated soil/sediment were removed with a Guzzler-type vacuum truck. Removal of all visible impacted soil/sediment within the structure was performed from approximately 12 to 15 feet below grade and additional material from the center of the structure was removed to a depth of approximately 25 feet below grade. This tiered approach to removal of soil was performed due to the close proximity of the cesspool to the adjoining Beverage Center building and to prevent potential subsidence of the CPS structure; this approach removed the soil from the 15 to 20-foot interval that had been previously tested in November 2011. Following removal of contaminated soil/sediment, end-point sampling was conducted from four perimeter locations and from one location in the center of the structure, as shown in Figure 2. No odor or staining was evident on any of the samples or on the remaining soil contained within the CPS structure. No PID responses suggestive of potential contamination were noted on the retained samples.

End-point samples were collected, managed, and analyzed in accordance with the procedures in the NYSDEC-approved IRM Work Plan. The laboratory report is included in Attachment A and a DUSR is included in Attachment B. Low estimated concentrations of acetone and/or methylene chloride were noted in several samples; these detections appear to be related to field and/or lab contamination and are not indicative of sample conditions. The soil sample

results are summarized in Table 2 and were compared to 6 NYCRR Part 375 SCO for unrestricted use; no exceedances of the unrestricted use SCO were noted.

Upon completion of soil removal all contaminated soils that had been generated and stockpiled during the pre-IRM and IRM activities were characterized for proper disposal. On October 25, 2012, all stockpiled contaminated soils (24.27 tons) were transported offsite to the Clean Earth of North Jersey, Inc. facility of South Kearny, New Jersey for proper treatment and disposal. Waste disposal documentation for the demolition and IRM-generated soils is included in Attachment C.

Closure of the cesspools was completed by filling each of the structures with virgin bank run sand and then placing a concrete cover above the top of each structure; documentation for the backfill is provided in Attachment C. Prior to backfilling the CPS structure, a four-inch diameter PVC casing with 20 feet of 0.02-inch slotted screen was installed through the structure; the base of the screen was set at approximately 25 feet below grade and the solid casing at the top extends to grade through a notch cut into the concrete cover of the cesspool. This piping is intended to be used in the event that future testing shows that additional soil remediation and/or vapor mitigation are necessary in this area.

Discussion

The IRM work to address the remaining impacted soil at the Site has been completed. No exceedances of the 6 NYCRR Part 375 SCO for unrestricted use were noted for any of the post-IRM soil samples collected. These data are consistent with the observations of the environmental professional who observed the IRM activities and screened the soil samples. Based upon these results and the results of the Pre-Demolition Investigation, the removal of the remaining impacted source soil at the Site has been completed. No further remedial activities are indicated for Site soils.

CAMP Monitoring Results

Air monitoring was performed during intrusive demolition and IRM activities in accordance with the NYSDEC-approved CAMP for the Site. The CAMP included monitoring of airborne particulates utilizing a calibrated Thermo Scientific pDR-1000 and organic vapors using a Photovac 2020 Pro PID. Monitoring was performed at upwind, downwind and work zone locations in accordance with the CAMP. No CAMP action level exceedances or visible conditions suggestive of potential community impacts were noted during the CAMP monitoring. No complaints or impacts were reported by the surrounding community during the demolition or IRM activities.

Conclusions and Recommendations

Based on the above-described IRM results, all of the soil exceeding 6 NYCRR SCO for unrestricted use has been removed from the Site. No further soil remediation is warranted or recommended for this Site.

The proposed development of the Site will include a commercial building with the same footprint as the previous building. Based on the available soil vapor sampling data, it is possible that residual soil vapor is present onsite and that SVI mitigation may be required. Therefore, as a precautionary measure, FPM recommends that plans for the new building include provisions for installation of a vapor barrier, piping for a sub-slab depressurization

system (SSDS), and sub-slab monitoring points. Following building construction an SVI investigation should be performed using the installed monitoring points to assess whether SVI mitigation is necessary. If SVI mitigation is required, the SSDS could then be completed and activated.

A site plan showing the proposed installation of the vapor barrier, sub-slab monitoring points, and SSDS piping is included on Figure 3. Above-grade SSDS mitigation equipment, if needed in the future, would be installed in the utility room shown on the northeast corner of the building. In the event that implementation of SVI mitigation is necessary, detailed design drawings, including the above-grade SSDS mitigation equipment, will be submitted to the NYSDEC for review and approval.

It is planned to install the vapor barrier, sub-slab monitoring points, and SSDS piping during building construction. Following completion of the commercial building and before occupancy, SVI sampling will be conducted within each unit in accordance with the procedures in the NYSDEC-approved Site Management Plan. Should the SVI sampling results indicate a "mitigate" response, the SSDS will be completed by installing an appropriately-sized blower and associated equipment (manifold, discharge stack, and instrumentation). Detailed design drawings, including the above-grade SSDS mitigation equipment, will be submitted to the NYSDEC at that time for review and approval.

Certification

In accordance with NYSDEC DER-10, the following certification is provided for the IRM activities described herein:

I, Stephanie O. Davis, CPG, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this IRM Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all IRM activities were performed in full accordance with the DER-approved IRM Work Plan and any DER-approved modifications.

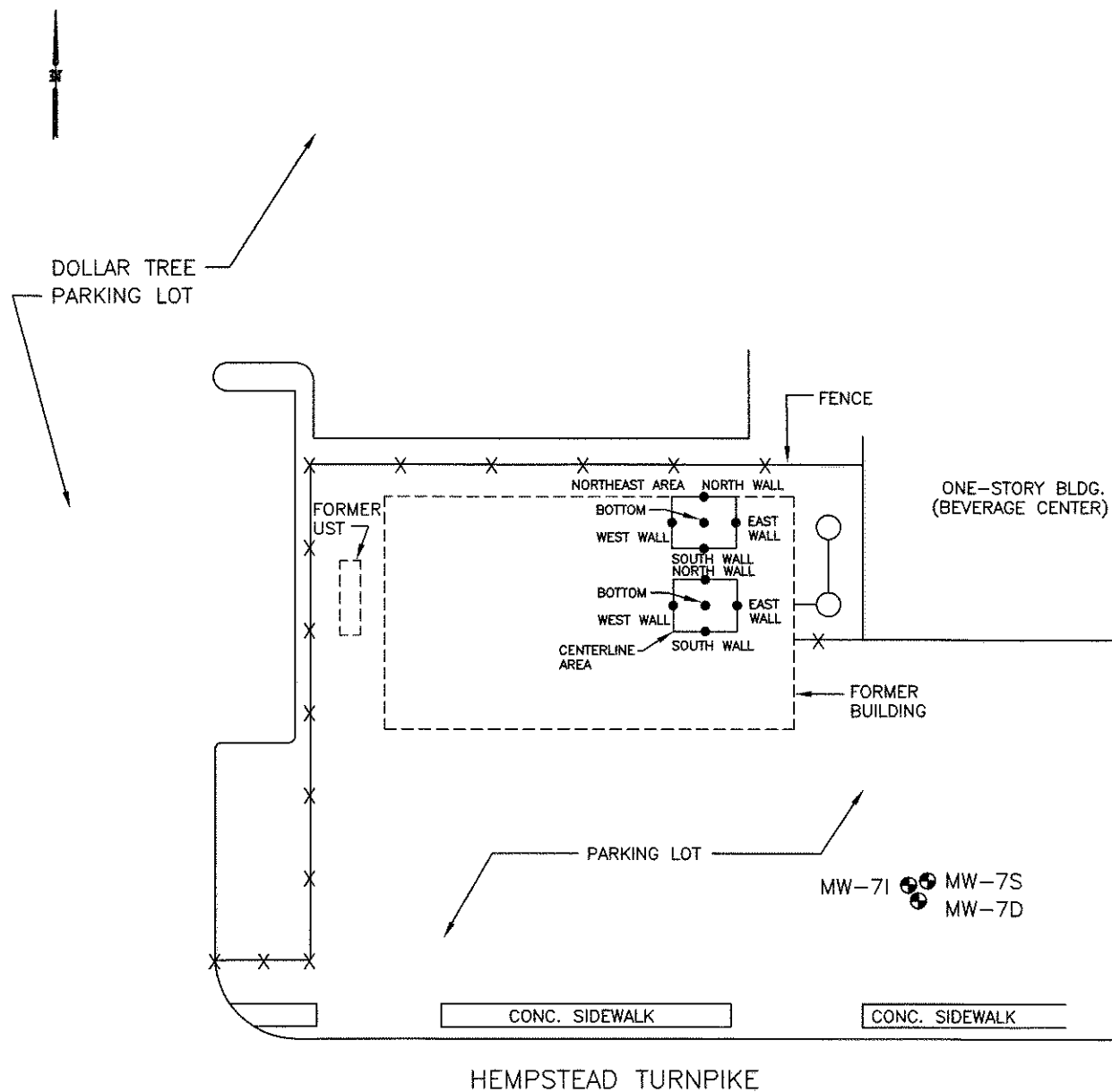


Stephanie O. Davis, CPG
Senior Hydrogeologist
Department Manager

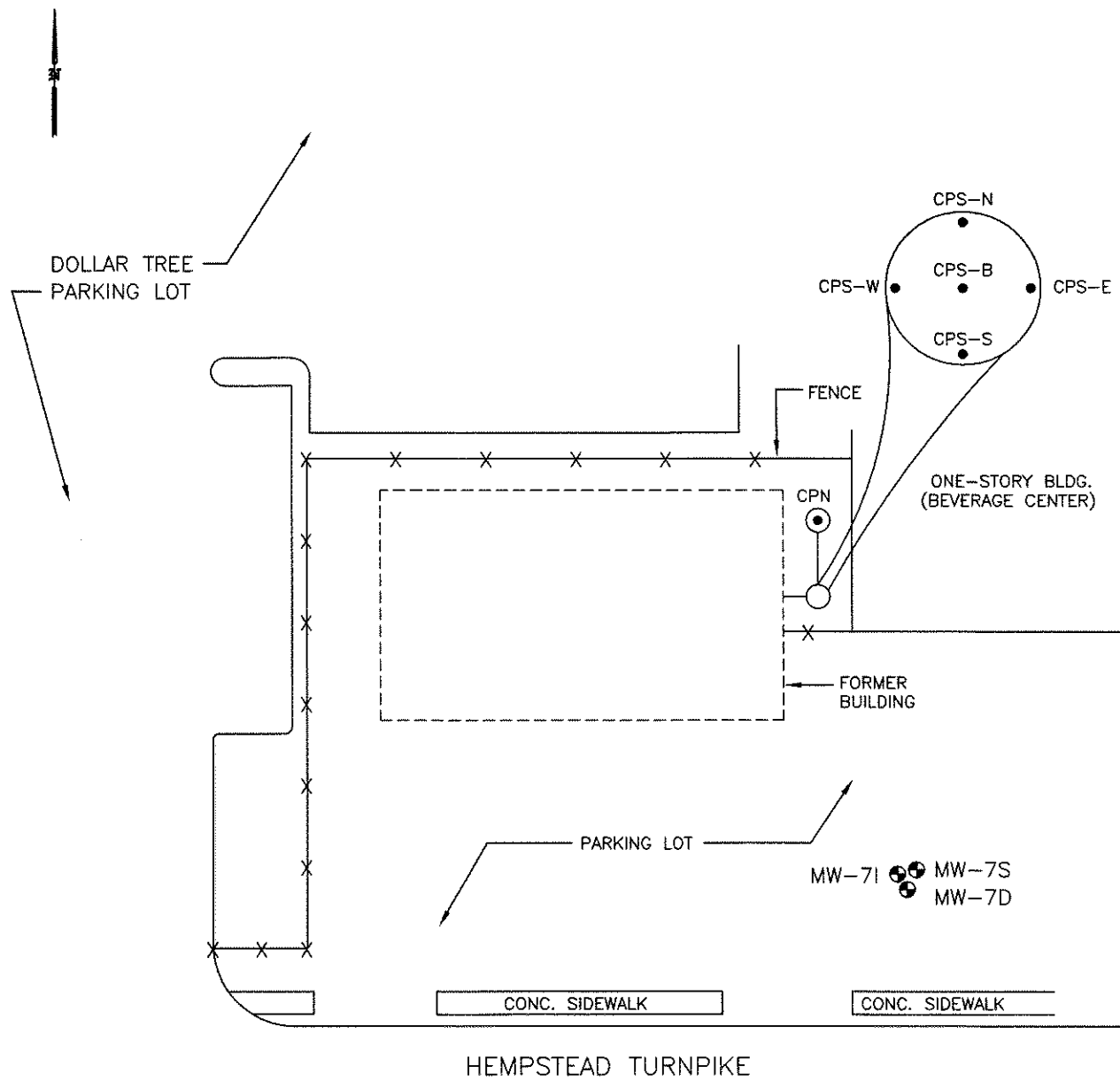
BTC/SOD:tac
Attachments

cc: Richard Kasper

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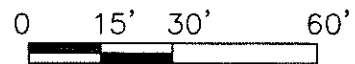


FPM GROUP		
FIGURE 1 PRE-IRM SAMPLING AMERICAN DRIVE-IN CLEANERS SITE 3801 HEMPSTEAD TURNPIKE LEVITTOWN, NY		
Drawn By: H.C.	Checked By: G.H.	Date: 1/21/13



LEGEND:

- MW-7S ● GROUNDWATER MONITORING WELL LOCATION
 S=SHALLOW
 I=INTERMEDIATE
 D=DEEP
- FORMER CESSPOOL
- CPS-N ● ENDPOINT SAMPLE LOCATION

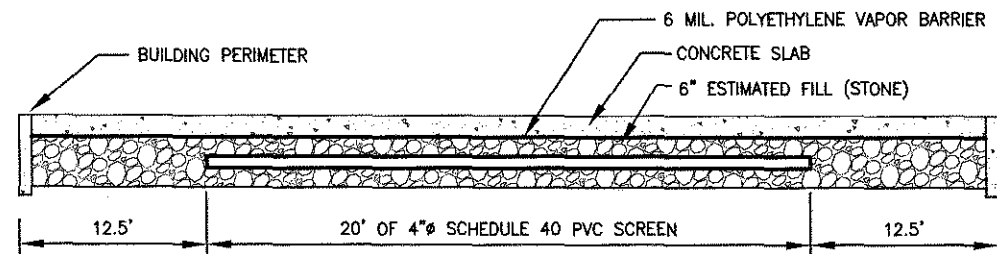


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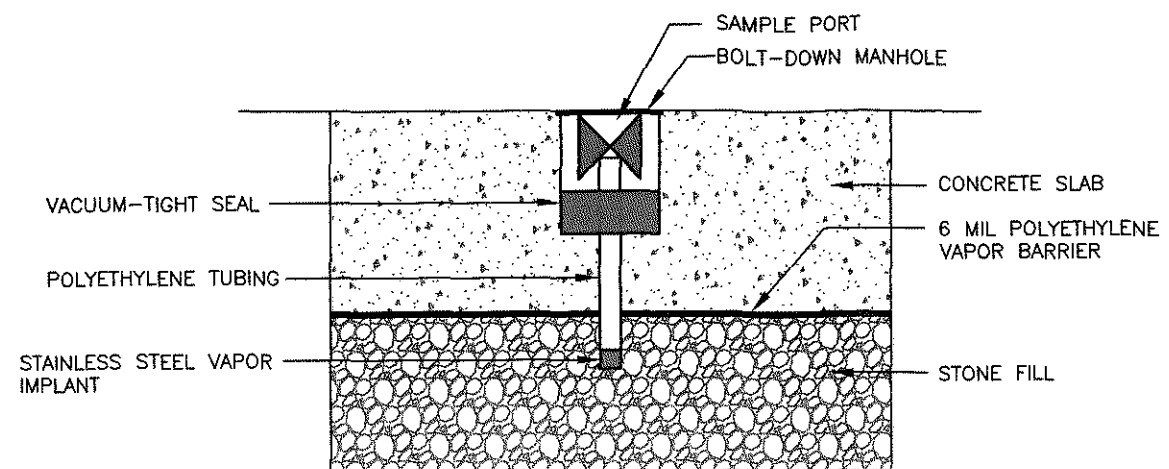
**FIGURE 2
IRM SAMPLING**

AMERICAN DRIVE-IN CLEANERS SITE
 3801 HEMPSTEAD TURNPIKE
 LEVITTOWN, NY

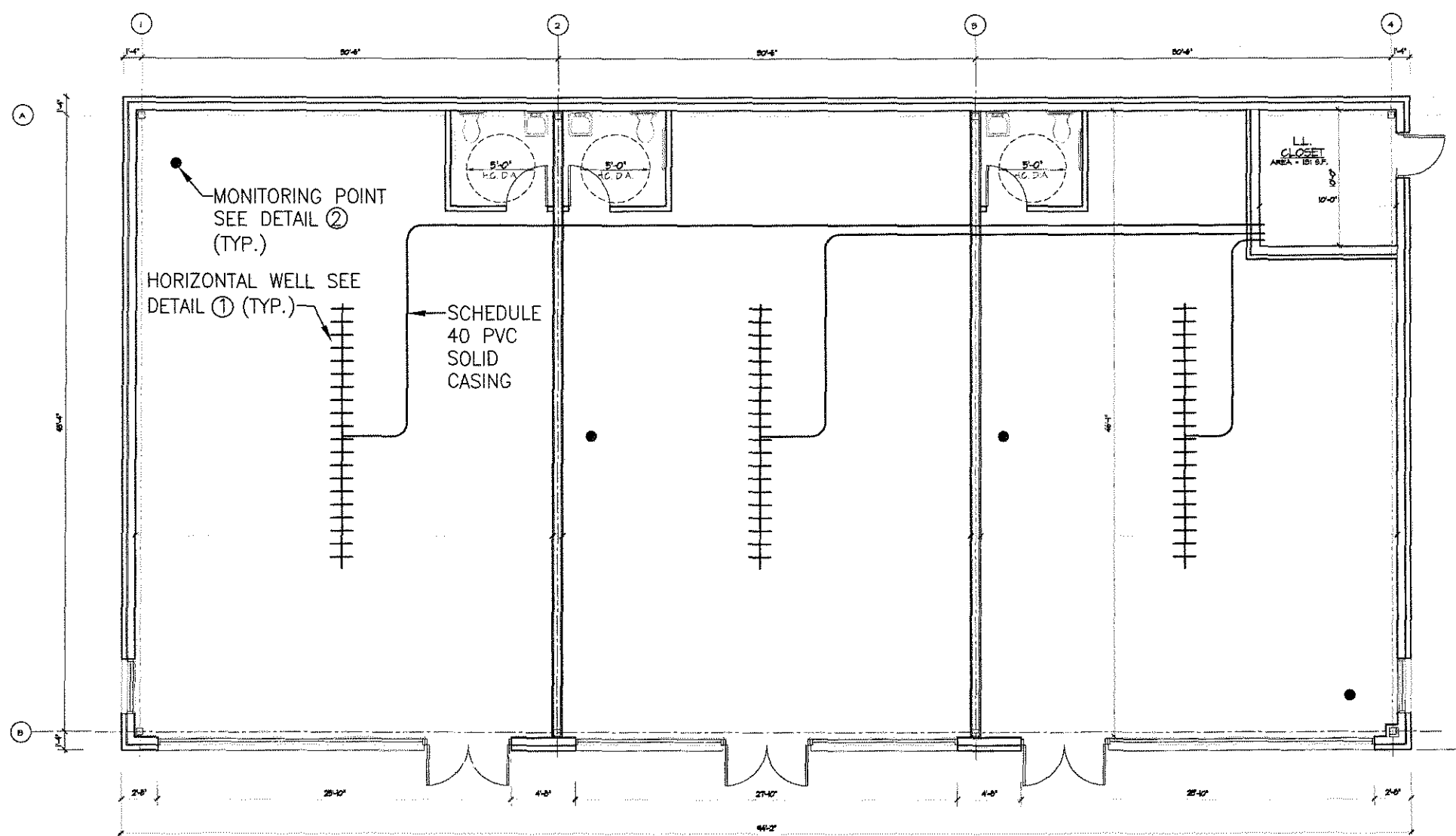
Drawn By: H.C. Checked By: G.H. Date: 1/21/13



1 HORIZONTAL WELL CROSS-SECTION
NOT TO SCALE



2 SUB-SLAB VAPOR MONITORING POINTS
NOT TO SCALE



- LEGEND:**
- ||||| SUB-SLAB DEPRESSURIZATION WELL
 - SUB-SLAB MONITORING POINT

NOTES: HORIZONTAL WELL SCREEN TO BE CONNECTED VIA 4 INCH SCHEDULE 40 PVC TEE TO 4 INCH SCHEDULE 40 PVC SOLID CASING TO BE EXTENDED WITHIN THE STONE FILL TO THE CLOSET WHERE THE ABOVE-GRADE SUB-SLAB DEPRESSURIZATION SYSTEM COMPONENTS TO BE LOCATED.

0' 16' 32' 64'
APPROXIMATE SCALE: 3/32"=1'-0"

FPM GROUP

FIGURE 3
PROPOSED SUB-SLAB DEPRESSURIZATION
SYSTEM LAYOUT
3801 HEMPSTEAD TURNPIKE
LEVITTOWN, NY 11756

Drawn By:HC | Checked By:BC | Date: 1/21/13

TABLE 1
SUB-SLAB SOIL CHEMICAL ANALYTICAL DATA FROM DEMOLITION
3801 HEMPSTEAD TURNPIKE, LEVITTOWN, NY

Location	Centerline Area					Northeast Area					6 NYCRR Part 375-6(a) Soil Cleanup Objectives For Unrestricted Use
	North Wall	South Wall	East Wall	West Wall	Bottom	North Wall	South Wall	East Wall	West Wall	Bottom	
Volatile Organic Compounds (ug/kg)											
Acetone	3.4 JB	3.1 JB	3.0 JB	4.0 JB	9.3 JB	2.7 JB	12 B	3.5 JB	4.8 JB	3.6 JB	50
Methylene chloride	1.3 B	1.8 B	1.8 B	1.7 B	2.7 B	1.0 B	1.9 B	1.6 B	1.0 B	1.4 B	50
2-Butanone	ND	ND	ND	ND	ND	ND	3.0 J	ND	ND	ND	120
Tetrachloroethene	3.2	17	44	2.6	1.3	ND	0.56 J	6.9	0.12 J	0.28 J	1,300
m & p-Xylene	0.75 J	0.86 J	0.75 J	0.90 J	ND	ND	0.76 J	ND	ND	ND	260*
o-Xylene	0.44 J	0.49 J	0.44 J	0.57 J	0.21 J	ND	0.49 J	ND	ND	ND	260*
1,4-Dichlorobenzene	0.33 J	0.31 J	0.42 J	0.43 J	0.46 J	0.20 J	0.42 J	0.39 J	ND	0.32 J	1,800
Naphthalene	ND	ND	ND	0.29 J	ND	ND	ND	ND	ND	ND	12,000
1,2,4-Trimethylbenzene	1.0 J	1.0 J	1.2	1.3	0.24 J	ND	1.5	0.31 J	ND	0.16 J	3,600
1,3,5-Trimethylbenzene	0.42 J	0.47 J	0.44 J	0.56 J	0.39 J	ND	0.56 J	0.28 J	ND	ND	8,400

Notes:

Samples collected on June 29, 2012 by EnviroTrac on behalf of NYSDEC.

J = Estimated value. The target analyte concentration is below the reporting limit (RL), but above the method detection limit (MDL).

B = Analyte was detected in the associated blank sample.

ug/kg = micrograms per kilogram

* = SCO for mixed xylenes total

TABLE 2
IRM ENDPOINT SOIL CHEMICAL ANALYTICAL DATA
3801 HEMPSTEAD TURNPIKE, LEVITTOWN, NY

Location	North Cesspool	South Cesspool					6 NYCRR Part 375-6(a) Soil Cleanup Objectives for Unrestricted Use
Sample Name	CPN	CPS-N	CPS-S	CPS-E	CPS-W	CPS-B	
Sample Depth (feet below grade)	11	15	15	15	15	25	
Volatile Organic Compounds (ug/kg)							
Acetone	3.0 JB	10 B	13 B	13 B	6.2 JB	4.4 JB	50
Methylene chloride	0.92 JB	0.48 JB	0.71 JB	0.45 JB	0.46 JB	0.57 JB	50
Tetrachloroethene	1.9	4.0	5.9	14	10	2.4	1,300

Notes:

Samples collected on August 21, 2012

J = Estimated value. The target analyte concentration is below the reporting limit (RL), but above the method detection limit (MDL).

B = Analyte was detected in the associated blank sample.

ug/kg= micrograms per kilogram

ATTACHMENT A
LABORATORY REPORTS
(ON CD)

ANALYTICAL REPORT

Job Number: 460-42116-1

Job Description: 130049 American Drive-In C

For:

EnviroTrac, Ltd.
5 Old Dock Road
Yaphank, NY 11980

Attention: Ms. Donna Eschrich



Approved for release.
Jannel O Franklin
Project Manager I
7/24/2012 2:11 PM

Designee for
Larry Decker
Project Manager I
larry.decker@testamericainc.com
07/24/2012

cc: Mr. Payson Long

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

TestAmerica Laboratories, Inc.

TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com



CASE NARRATIVE

Client: EnviroTrac, Ltd.

Project: 130049 American Drive-In C

Report Number: 460-42116-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 07/05/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.4 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-42116-1 through 460-42116-10 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 07/06/2012 and analyzed on 07/12/2012 and 07/13/2012.

Methylene Chloride was detected in method blank LB3 460-118899/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank LB3 460-118899/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-119109/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-119553/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 460-119553/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-119632/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 460-119632/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 119109 exceeded control limits for the following analyte: trans-1,4-Dichloro-2-butene. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-42116-1 through 460-42116-10 were analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 07/09/2012.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42116-1 CENTERLINE-N WALL						
Methylene Chloride		1.3	B	1.1	ug/Kg	8260B
Acetone		3.4	J B	11	ug/Kg	8260B
Tetrachloroethene		3.2		1.1	ug/Kg	8260B
m&p-Xylene		0.75	J	2.2	ug/Kg	8260B
o-Xylene		0.44	J	1.1	ug/Kg	8260B
1,4-Dichlorobenzene		0.33	J	1.1	ug/Kg	8260B
1,2,4-Trimethylbenzene		1.0	J	1.1	ug/Kg	8260B
1,3,5-Trimethylbenzene		0.42	J	1.1	ug/Kg	8260B
Percent Moisture		18.6		1.0	%	Moisture
Percent Solids		81.4		1.0	%	Moisture
460-42116-2 CENTERLINE-E WALL						
Methylene Chloride		1.8	B	1.2	ug/Kg	8260B
Acetone		3.0	J B	12	ug/Kg	8260B
Tetrachloroethene		44		1.2	ug/Kg	8260B
m&p-Xylene		0.75	J	2.4	ug/Kg	8260B
o-Xylene		0.44	J	1.2	ug/Kg	8260B
1,4-Dichlorobenzene		0.42	J	1.2	ug/Kg	8260B
1,2,4-Trimethylbenzene		1.2		1.2	ug/Kg	8260B
1,3,5-Trimethylbenzene		0.44	J	1.2	ug/Kg	8260B
Percent Moisture		18.4		1.0	%	Moisture
Percent Solids		81.6		1.0	%	Moisture
460-42116-3 CENTERLINE-S WALL						
Methylene Chloride		1.8	B	1.1	ug/Kg	8260B
Acetone		3.1	J B	11	ug/Kg	8260B
Tetrachloroethene		17		1.1	ug/Kg	8260B
m&p-Xylene		0.86	J	2.1	ug/Kg	8260B
o-Xylene		0.49	J	1.1	ug/Kg	8260B
1,4-Dichlorobenzene		0.31	J	1.1	ug/Kg	8260B
1,2,4-Trimethylbenzene		1.0	J	1.1	ug/Kg	8260B
1,3,5-Trimethylbenzene		0.47	J	1.1	ug/Kg	8260B
Percent Moisture		19.2		1.0	%	Moisture
Percent Solids		80.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42116-4 CENTERLINE-W WALL						
Methylene Chloride		1.7	B	1.1	ug/Kg	8260B
Acetone		4.0	J B	11	ug/Kg	8260B
Tetrachloroethene		2.6		1.1	ug/Kg	8260B
m&p-Xylene		0.90	J	2.2	ug/Kg	8260B
o-Xylene		0.57	J	1.1	ug/Kg	8260B
1,4-Dichlorobenzene		0.43	J	1.1	ug/Kg	8260B
Naphthalene		0.29	J	1.1	ug/Kg	8260B
1,2,4-Trimethylbenzene		1.3		1.1	ug/Kg	8260B
1,3,5-Trimethylbenzene		0.56	J	1.1	ug/Kg	8260B
Percent Moisture		18.2		1.0	%	Moisture
Percent Solids		81.8		1.0	%	Moisture
460-42116-5 CENTERLINE-BOTTOM						
Methylene Chloride		2.7	B	1.1	ug/Kg	8260B
Acetone		9.3	J B	11	ug/Kg	8260B
Tetrachloroethene		1.3		1.1	ug/Kg	8260B
o-Xylene		0.21	J	1.1	ug/Kg	8260B
1,4-Dichlorobenzene		0.46	J	1.1	ug/Kg	8260B
1,2,4-Trimethylbenzene		0.24	J	1.1	ug/Kg	8260B
1,3,5-Trimethylbenzene		0.39	J	1.1	ug/Kg	8260B
Percent Moisture		12.9		1.0	%	Moisture
Percent Solids		87.1		1.0	%	Moisture
460-42116-6 NORTHEAST-N WALL						
Methylene Chloride		1.0	B	0.93	ug/Kg	8260B
Acetone		2.7	J B	9.3	ug/Kg	8260B
1,4-Dichlorobenzene		0.20	J	0.93	ug/Kg	8260B
Percent Moisture		4.5		1.0	%	Moisture
Percent Solids		95.5		1.0	%	Moisture
460-42116-7 NORTHEAST-E WALL						
Methylene Chloride		1.6	B	1.0	ug/Kg	8260B
Acetone		3.5	J B	10	ug/Kg	8260B
Tetrachloroethene		6.9		1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.39	J	1.0	ug/Kg	8260B
1,2,4-Trimethylbenzene		0.31	J	1.0	ug/Kg	8260B
1,3,5-Trimethylbenzene		0.28	J	1.0	ug/Kg	8260B
Percent Moisture		4.4		1.0	%	Moisture
Percent Solids		95.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-42116-8 NORTHEAST-S WALL						
Methylene Chloride		1.9	B	1.2	ug/Kg	8260B
Acetone		12	B	12	ug/Kg	8260B
2-Butanone		3.0	J	12	ug/Kg	8260B
Tetrachloroethene		0.56	J	1.2	ug/Kg	8260B
m&p-Xylene		0.76	J	2.4	ug/Kg	8260B
o-Xylene		0.49	J	1.2	ug/Kg	8260B
1,4-Dichlorobenzene		0.42	J	1.2	ug/Kg	8260B
1,2,4-Trimethylbenzene		1.5		1.2	ug/Kg	8260B
1,3,5-Trimethylbenzene		0.56	J	1.2	ug/Kg	8260B
Percent Moisture		19.0		1.0	%	Moisture
Percent Solids		81.0		1.0	%	Moisture
460-42116-9 NORTHEAST-W WALL						
Methylene Chloride		1.0	B	0.98	ug/Kg	8260B
Acetone		4.8	J B	9.8	ug/Kg	8260B
Tetrachloroethene		0.12	J	0.98	ug/Kg	8260B
Percent Moisture		3.5		1.0	%	Moisture
Percent Solids		96.5		1.0	%	Moisture
460-42116-10 NORTHEAST-BOTTOM						
Methylene Chloride		1.4	B	0.94	ug/Kg	8260B
Acetone		3.6	J B	9.4	ug/Kg	8260B
Tetrachloroethene		0.28	J	0.94	ug/Kg	8260B
1,4-Dichlorobenzene		0.32	J	0.94	ug/Kg	8260B
1,2,4-Trimethylbenzene		0.16	J	0.94	ug/Kg	8260B
Percent Moisture		3.9		1.0	%	Moisture
Percent Solids		96.1		1.0	%	Moisture

METHOD SUMMARY

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
EPA Moisture	Chang, Ryan	RC

SAMPLE SUMMARY

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-42116-1	Centerline-N Wall	Solid	06/29/2012 1418	07/05/2012 1710
460-42116-2	Centerline-E Wall	Solid	06/29/2012 1423	07/05/2012 1710
460-42116-3	Centerline-S Wall	Solid	06/29/2012 1431	07/05/2012 1710
460-42116-4	Centerline-W Wall	Solid	06/29/2012 1433	07/05/2012 1710
460-42116-5	Centerline-Bottom	Solid	06/29/2012 1437	07/05/2012 1710
460-42116-6	Northeast-N Wall	Solid	06/29/2012 1533	07/05/2012 1710
460-42116-7	Northeast-E Wall	Solid	06/29/2012 1535	07/05/2012 1710
460-42116-8	Northeast-S Wall	Solid	06/29/2012 1542	07/05/2012 1710
460-42116-9	Northeast-W Wall	Solid	06/29/2012 1546	07/05/2012 1710
460-42116-10	Northeast-Bottom	Solid	06/29/2012 1550	07/05/2012 1710

SAMPLE RESULTS

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-N Wall

Lab Sample ID: 460-42116-1

Date Sampled: 06/29/2012 1418

Client Matrix: Solid

% Moisture: 18.6

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-119632

Instrument ID: VOAMS12

Prep Method: 5035

Prep Batch: 460-118899

Lab File ID: o62211.d

Dilution: 1.0

Initial Weight/Volume: 5.53 g

Analysis Date: 07/12/2012 2333

Final Weight/Volume: 5 mL

Prep Date: 07/06/2012 2013

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.48	U	0.48	1.1
Vinyl chloride		0.38	U	0.38	1.1
Chloroethane		0.37	U	0.37	1.1
Methylene Chloride		1.3	B	0.17	1.1
Acetone		3.4	J B	1.9	11
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.27	U	0.27	1.1
1,2-Dichloroethane		0.20	U	0.20	1.1
2-Butanone		0.70	U	0.70	11
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Bromodichloromethane		0.36	U	0.36	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
TCE		0.13	U	0.13	1.1
Dibromochloromethane		0.11	U	0.11	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1
Benzene		0.17	U	0.17	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Bromoform		0.19	U	0.19	1.1
4-Methyl-2-pentanone		0.22	U	0.22	11
2-Hexanone		0.14	U	0.14	11
Tetrachloroethene		3.2		0.13	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
Toluene		0.16	U	0.16	1.1
Chlorobenzene		0.20	U	0.20	1.1
Ethylbenzene		0.19	U	0.19	1.1
Styrene		0.31	U	0.31	1.1
m&p-Xylene		0.75	J	0.66	2.2
o-Xylene		0.44	J	0.21	1.1
Ethyl ether		0.23	U	0.23	1.1
Acrolein		8.3	U	8.3	110
Freon TF		0.12	U	0.12	1.1
Acetonitrile		3.3	U	3.3	22
TBA		3.5	U	3.5	22
Acrylonitrile		3.9	U	3.9	56
MTBE		0.12	U	0.12	1.1
Vinyl acetate		0.44	U	0.44	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropyl acetate		0.19	U	0.19	2.2

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-N Wall

Lab Sample ID: 460-42116-1

Date Sampled: 06/29/2012 1418

Client Matrix: Solid

% Moisture: 18.6

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62211.d
Dilution:	1.0			Initial Weight/Volume:	5.53 g
Analysis Date:	07/12/2012 2333			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2013				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.17	U	0.17	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.33	J	0.12	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
Naphthalene		0.26	U	0.26	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
1,1-Dichloropropene		0.17	U	0.17	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
Hexachlorobutadiene		0.18	U	0.18	5.6
1,1,1,2-Tetrachloroethane		0.12	U	0.12	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2,3-Trichloropropane		0.20	U	0.20	1.1
1,2,4-Trimethylbenzene		1.0	J	0.17	1.1
1,2-Dibromo-3-Chloropropane		0.49	U	0.49	1.1
1,3,5-Trimethylbenzene		0.42	J	0.13	1.1
1,3-Dichloropropane		0.26	U	0.26	1.1
2,2-Dichloropropane		0.14	U	0.14	1.1
2-Chlorotoluene		0.14	U	0.14	1.1
4-Chlorotoluene		0.26	U	0.26	1.1
Monobromobenzene		0.33	U	0.33	1.1
Bromochloromethane		0.12	U	0.12	1.1
Dibromomethane		0.26	U	0.26	1.1
Isopropylbenzene		0.12	U	0.12	1.1
N-Propylbenzene		0.17	U	0.17	1.1
p-Isopropyltoluene		0.16	U	0.16	1.1
sec-Butylbenzene		0.14	U	0.14	1.1
tert-Butylbenzene		0.13	U	0.13	1.1
n-Butylbenzene		0.089	U	0.089	1.1
Methyl methacrylate		0.29	U	0.29	1.1
trans-1,4-Dichloro-2-butene		0.29	U	0.29	1.1
Tert-butyl ethyl ether		0.13	U	0.13	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	120		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-E Wall

Lab Sample ID: 460-42116-2

Date Sampled: 06/29/2012 1423

Client Matrix: Solid

% Moisture: 18.4

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62212.d
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Analysis Date:	07/12/2012 2358			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2015				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.52	U	0.52	1.2
Vinyl chloride		0.41	U	0.41	1.2
Chloroethane		0.40	U	0.40	1.2
Methylene Chloride		1.8	B	0.18	1.2
Acetone		3.0	J B	2.1	12
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.29	U	0.29	1.2
1,2-Dichloroethane		0.22	U	0.22	1.2
2-Butanone		0.77	U	0.77	12
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Bromodichloromethane		0.39	U	0.39	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
TCE		0.15	U	0.15	1.2
Dibromochloromethane		0.12	U	0.12	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2
Benzene		0.18	U	0.18	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Bromoform		0.21	U	0.21	1.2
4-Methyl-2-pentanone		0.24	U	0.24	12
2-Hexanone		0.16	U	0.16	12
Tetrachloroethene		44		0.15	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
Toluene		0.17	U	0.17	1.2
Chlorobenzene		0.22	U	0.22	1.2
Ethylbenzene		0.21	U	0.21	1.2
Styrene		0.34	U	0.34	1.2
m&p-Xylene		0.75	J	0.72	2.4
o-Xylene		0.44	J	0.23	1.2
Ethyl ether		0.26	U	0.26	1.2
Acrolein		9.1	U	9.1	120
Freon TF		0.13	U	0.13	1.2
Acetonitrile		3.6	U	3.6	24
TBA		3.8	U	3.8	24
Acrylonitrile		4.2	U	4.2	61
MTBE		0.13	U	0.13	1.2
Vinyl acetate		0.49	U	0.49	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropyl acetate		0.21	U	0.21	2.4

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-E Wall

Lab Sample ID: 460-42116-2

Date Sampled: 06/29/2012 1423

Client Matrix: Solid

% Moisture: 18.4

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62212.d
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Analysis Date:	07/12/2012 2358			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2015				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.18	U	0.18	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.42	J	0.13	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
Naphthalene		0.28	U	0.28	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
1,1-Dichloropropene		0.18	U	0.18	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
Hexachlorobutadiene		0.19	U	0.19	6.1
1,1,1,2-Tetrachloroethane		0.13	U	0.13	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2,3-Trichloropropane		0.22	U	0.22	1.2
1,2,4-Trimethylbenzene		1.2		0.18	1.2
1,2-Dibromo-3-Chloropropane		0.54	U	0.54	1.2
1,3,5-Trimethylbenzene		0.44	J	0.15	1.2
1,3-Dichloropropane		0.28	U	0.28	1.2
2,2-Dichloropropane		0.16	U	0.16	1.2
2-Chlorotoluene		0.16	U	0.16	1.2
4-Chlorotoluene		0.28	U	0.28	1.2
Monobromobenzene		0.37	U	0.37	1.2
Bromochloromethane		0.13	U	0.13	1.2
Dibromomethane		0.28	U	0.28	1.2
Isopropylbenzene		0.13	U	0.13	1.2
N-Propylbenzene		0.18	U	0.18	1.2
p-Isopropyltoluene		0.17	U	0.17	1.2
sec-Butylbenzene		0.16	U	0.16	1.2
tert-Butylbenzene		0.15	U	0.15	1.2
n-Butylbenzene		0.097	U	0.097	1.2
Methyl methacrylate		0.32	U	0.32	1.2
trans-1,4-Dichloro-2-butene		0.32	U	0.32	1.2
Tert-butyl ethyl ether		0.15	U	0.15	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	107		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-S Wall

Lab Sample ID: 460-42116-3

Date Sampled: 06/29/2012 1431

Client Matrix: Solid

% Moisture: 19.2

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-119632

Instrument ID: VOAMS12

Prep Method: 5035

Prep Batch: 460-118899

Lab File ID: o62213.d

Dilution: 1.0

Initial Weight/Volume: 5.79 g

Analysis Date: 07/13/2012 0023

Final Weight/Volume: 5 mL

Prep Date: 07/06/2012 2016

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.46	U	0.46	1.1
Vinyl chloride		0.36	U	0.36	1.1
Chloroethane		0.35	U	0.35	1.1
Methylene Chloride		1.8	B	0.16	1.1
Acetone		3.1	J B	1.8	11
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
2-Butanone		0.67	U	0.67	11
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Bromodichloromethane		0.34	U	0.34	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
TCE		0.13	U	0.13	1.1
Dibromochloromethane		0.11	U	0.11	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
Benzene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Bromoform		0.18	U	0.18	1.1
4-Methyl-2-pentanone		0.21	U	0.21	11
2-Hexanone		0.14	U	0.14	11
Tetrachloroethene		17		0.13	1.1
1,1,2,2-Tetrachloroethane		0.096	U	0.096	1.1
Toluene		0.15	U	0.15	1.1
Chlorobenzene		0.19	U	0.19	1.1
Ethylbenzene		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
m&p-Xylene		0.86	J	0.63	2.1
o-Xylene		0.49	J	0.20	1.1
Ethyl ether		0.22	U	0.22	1.1
Acrolein		8.0	U	8.0	110
Freon TF		0.12	U	0.12	1.1
Acetonitrile		3.2	U	3.2	21
TBA		3.3	U	3.3	21
Acrylonitrile		3.7	U	3.7	53
MTBE		0.12	U	0.12	1.1
Vinyl acetate		0.43	U	0.43	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropyl acetate		0.18	U	0.18	2.1

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-S Wall

Lab Sample ID: 460-42116-3

Date Sampled: 06/29/2012 1431

Client Matrix: Solid

% Moisture: 19.2

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62213.d
Dilution:	1.0			Initial Weight/Volume:	5.79 g
Analysis Date:	07/13/2012 0023			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2016				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.31	J	0.12	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
Naphthalene		0.25	U	0.25	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
1,1-Dichloropropene		0.16	U	0.16	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
Hexachlorobutadiene		0.17	U	0.17	5.3
1,1,1,2-Tetrachloroethane		0.12	U	0.12	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2,3-Trichloropropane		0.19	U	0.19	1.1
1,2,4-Trimethylbenzene		1.0	J	0.16	1.1
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.1
1,3,5-Trimethylbenzene		0.47	J	0.13	1.1
1,3-Dichloropropane		0.25	U	0.25	1.1
2,2-Dichloropropane		0.14	U	0.14	1.1
2-Chlorotoluene		0.14	U	0.14	1.1
4-Chlorotoluene		0.25	U	0.25	1.1
Monobromobenzene		0.32	U	0.32	1.1
Bromochloromethane		0.12	U	0.12	1.1
Dibromomethane		0.25	U	0.25	1.1
Isopropylbenzene		0.12	U	0.12	1.1
N-Propylbenzene		0.16	U	0.16	1.1
p-Isopropyltoluene		0.15	U	0.15	1.1
sec-Butylbenzene		0.14	U	0.14	1.1
tert-Butylbenzene		0.13	U	0.13	1.1
n-Butylbenzene		0.085	U	0.085	1.1
Methyl methacrylate		0.28	U	0.28	1.1
trans-1,4-Dichloro-2-butene		0.28	U	0.28	1.1
Tert-butyl ethyl ether		0.13	U	0.13	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	102		70 - 130
Bromofluorobenzene	119		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-W Wall

Lab Sample ID: 460-42116-4

Date Sampled: 06/29/2012 1433

Client Matrix: Solid

% Moisture: 18.2

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-119632

Instrument ID: VOAMS12

Prep Method: 5035

Prep Batch: 460-118899

Lab File ID: o62214.d

Dilution: 1.0

Initial Weight/Volume: 5.65 g

Analysis Date: 07/13/2012 0048

Final Weight/Volume: 5 mL

Prep Date: 07/06/2012 2018

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.47	U	0.47	1.1
Vinyl chloride		0.37	U	0.37	1.1
Chloroethane		0.36	U	0.36	1.1
Methylene Chloride		1.7	B	0.16	1.1
Acetone		4.0	J B	1.8	11
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
2-Butanone		0.68	U	0.68	11
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Bromodichloromethane		0.35	U	0.35	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
TCE		0.13	U	0.13	1.1
Dibromochloromethane		0.11	U	0.11	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
Benzene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Bromoform		0.18	U	0.18	1.1
4-Methyl-2-pentanone		0.22	U	0.22	11
2-Hexanone		0.14	U	0.14	11
Tetrachloroethene		2.6		0.13	1.1
1,1,2,2-Tetrachloroethane		0.097	U	0.097	1.1
Toluene		0.15	U	0.15	1.1
Chlorobenzene		0.19	U	0.19	1.1
Ethylbenzene		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
m&p-Xylene		0.90	J	0.64	2.2
o-Xylene		0.57	J	0.21	1.1
Ethyl ether		0.23	U	0.23	1.1
Acrolein		8.1	U	8.1	110
Freon TF		0.12	U	0.12	1.1
Acetonitrile		3.2	U	3.2	22
TBA		3.4	U	3.4	22
Acrylonitrile		3.8	U	3.8	54
MTBE		0.12	U	0.12	1.1
Vinyl acetate		0.43	U	0.43	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropyl acetate		0.18	U	0.18	2.2

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-W Wall

Lab Sample ID: 460-42116-4

Date Sampled: 06/29/2012 1433

Client Matrix: Solid

% Moisture: 18.2

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62214.d
Dilution:	1.0			Initial Weight/Volume:	5.65 g
Analysis Date:	07/13/2012 0048			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2018				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.43	J	0.12	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
Naphthalene		0.29	J	0.25	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
1,1-Dichloropropene		0.16	U	0.16	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
Hexachlorobutadiene		0.17	U	0.17	5.4
1,1,1,2-Tetrachloroethane		0.12	U	0.12	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2,3-Trichloropropane		0.19	U	0.19	1.1
1,2,4-Trimethylbenzene		1.3		0.16	1.1
1,2-Dibromo-3-Chloropropane		0.48	U	0.48	1.1
1,3,5-Trimethylbenzene		0.56	J	0.13	1.1
1,3-Dichloropropane		0.25	U	0.25	1.1
2,2-Dichloropropane		0.14	U	0.14	1.1
2-Chlorotoluene		0.14	U	0.14	1.1
4-Chlorotoluene		0.25	U	0.25	1.1
Monobromobenzene		0.32	U	0.32	1.1
Bromochloromethane		0.12	U	0.12	1.1
Dibromomethane		0.25	U	0.25	1.1
Isopropylbenzene		0.12	U	0.12	1.1
N-Propylbenzene		0.16	U	0.16	1.1
p-Isopropyltoluene		0.15	U	0.15	1.1
sec-Butylbenzene		0.14	U	0.14	1.1
tert-Butylbenzene		0.13	U	0.13	1.1
n-Butylbenzene		0.087	U	0.087	1.1
Methyl methacrylate		0.28	U	0.28	1.1
trans-1,4-Dichloro-2-butene		0.28	U	0.28	1.1
Tert-butyl ethyl ether		0.13	U	0.13	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	109		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-Bottom

Lab Sample ID: 460-42116-5

Date Sampled: 06/29/2012 1437

Client Matrix: Solid

% Moisture: 12.9

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-119553

Instrument ID: VOAMS12

Prep Method: 5035

Prep Batch: 460-118899

Lab File ID: o62185.d

Dilution: 1.0

Initial Weight/Volume: 5.37 g

Analysis Date: 07/12/2012 1134

Final Weight/Volume: 5 mL

Prep Date: 07/06/2012 2019

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.46	U	0.46	1.1
Vinyl chloride		0.36	U	0.36	1.1
Chloroethane		0.35	U	0.35	1.1
Methylene Chloride		2.7	B	0.16	1.1
Acetone		9.3	J B	1.8	11
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
1,2-Dichloroethane		0.19	U	0.19	1.1
2-Butanone		0.67	U	0.67	11
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Bromodichloromethane		0.34	U	0.34	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
TCE		0.13	U	0.13	1.1
Dibromochloromethane		0.11	U	0.11	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1
Benzene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
Bromoform		0.18	U	0.18	1.1
4-Methyl-2-pentanone		0.21	U	0.21	11
2-Hexanone		0.14	U	0.14	11
Tetrachloroethene		1.3		0.13	1.1
1,1,2,2-Tetrachloroethane		0.096	U	0.096	1.1
Toluene		0.15	U	0.15	1.1
Chlorobenzene		0.19	U	0.19	1.1
Ethylbenzene		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
m&p-Xylene		0.63	U	0.63	2.1
o-Xylene		0.21	J	0.20	1.1
Ethyl ether		0.22	U	0.22	1.1
Acrolein		8.0	U	8.0	110
Freon TF		0.12	U	0.12	1.1
Acetonitrile		3.2	U	3.2	21
TBA		3.3	U	3.3	21
Acrylonitrile		3.7	U	3.7	53
MTBE		0.12	U	0.12	1.1
Vinyl acetate		0.43	U	0.43	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropyl acetate		0.18	U	0.18	2.1

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Centerline-Bottom

Lab Sample ID: 460-42116-5

Date Sampled: 06/29/2012 1437

Client Matrix: Solid

% Moisture: 12.9

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62185.d
Dilution:	1.0			Initial Weight/Volume:	5.37 g
Analysis Date:	07/12/2012 1134			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2019				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.16	U	0.16	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.46	J	0.12	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
Naphthalene		0.25	U	0.25	1.1
Dichlorodifluoromethane		0.24	U	0.24	1.1
1,1-Dichloropropene		0.16	U	0.16	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
Hexachlorobutadiene		0.17	U	0.17	5.3
1,1,1,2-Tetrachloroethane		0.12	U	0.12	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2,3-Trichloropropane		0.19	U	0.19	1.1
1,2,4-Trimethylbenzene		0.24	J	0.16	1.1
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.1
1,3,5-Trimethylbenzene		0.39	J	0.13	1.1
1,3-Dichloropropane		0.25	U	0.25	1.1
2,2-Dichloropropane		0.14	U	0.14	1.1
2-Chlorotoluene		0.14	U	0.14	1.1
4-Chlorotoluene		0.25	U	0.25	1.1
Monobromobenzene		0.32	U	0.32	1.1
Bromochloromethane		0.12	U	0.12	1.1
Dibromomethane		0.25	U	0.25	1.1
Isopropylbenzene		0.12	U	0.12	1.1
N-Propylbenzene		0.16	U	0.16	1.1
p-Isopropyltoluene		0.15	U	0.15	1.1
sec-Butylbenzene		0.14	U	0.14	1.1
tert-Butylbenzene		0.13	U	0.13	1.1
n-Butylbenzene		0.086	U	0.086	1.1
Methyl methacrylate		0.28	U	0.28	1.1
trans-1,4-Dichloro-2-butene		0.28	U	0.28	1.1
Tert-butyl ethyl ether		0.13	U	0.13	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	107		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-N Wall

Lab Sample ID: 460-42116-6

Date Sampled: 06/29/2012 1533

Client Matrix: Solid

% Moisture: 4.5

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62186.d
Dilution:	1.0			Initial Weight/Volume:	5.65 g
Analysis Date:	07/12/2012 1159			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2021				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.93
Bromomethane		0.40	U	0.40	0.93
Vinyl chloride		0.31	U	0.31	0.93
Chloroethane		0.31	U	0.31	0.93
Methylene Chloride		1.0	B	0.14	0.93
Acetone		2.7	J B	1.6	9.3
Carbon disulfide		0.14	U	0.14	0.93
Trichlorofluoromethane		0.15	U	0.15	0.93
1,1-Dichloroethene		0.18	U	0.18	0.93
1,1-Dichloroethane		0.10	U	0.10	0.93
trans-1,2-Dichloroethene		0.12	U	0.12	0.93
cis-1,2-Dichloroethene		0.10	U	0.10	0.93
Chloroform		0.22	U	0.22	0.93
1,2-Dichloroethane		0.17	U	0.17	0.93
2-Butanone		0.58	U	0.58	9.3
1,1,1-Trichloroethane		0.12	U	0.12	0.93
Carbon tetrachloride		0.14	U	0.14	0.93
Bromodichloromethane		0.30	U	0.30	0.93
1,2-Dichloropropane		0.14	U	0.14	0.93
cis-1,3-Dichloropropene		0.13	U	0.13	0.93
TCE		0.11	U	0.11	0.93
Dibromochloromethane		0.093	U	0.093	0.93
1,1,2-Trichloroethane		0.13	U	0.13	0.93
Benzene		0.14	U	0.14	0.93
trans-1,3-Dichloropropene		0.093	U	0.093	0.93
Bromoform		0.16	U	0.16	0.93
4-Methyl-2-pentanone		0.19	U	0.19	9.3
2-Hexanone		0.12	U	0.12	9.3
Tetrachloroethene		0.11	U	0.11	0.93
1,1,2,2-Tetrachloroethane		0.083	U	0.083	0.93
Toluene		0.13	U	0.13	0.93
Chlorobenzene		0.17	U	0.17	0.93
Ethylbenzene		0.16	U	0.16	0.93
Styrene		0.26	U	0.26	0.93
m&p-Xylene		0.55	U	0.55	1.9
o-Xylene		0.18	U	0.18	0.93
Ethyl ether		0.19	U	0.19	0.93
Acrolein		6.9	U	6.9	93
Freon TF		0.10	U	0.10	0.93
Acetonitrile		2.8	U	2.8	19
TBA		2.9	U	2.9	19
Acrylonitrile		3.2	U	3.2	46
MTBE		0.10	U	0.10	0.93
Vinyl acetate		0.37	U	0.37	0.93
Cyclohexane		0.12	U	0.12	0.93
Isopropyl acetate		0.16	U	0.16	1.9

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-N Wall

Lab Sample ID: 460-42116-6

Date Sampled: 06/29/2012 1533

Client Matrix: Solid

% Moisture: 4.5

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62186.d
Dilution:	1.0			Initial Weight/Volume:	5.65 g
Analysis Date:	07/12/2012 1159			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2021				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.14	U	0.14	0.93
1,3-Dichlorobenzene		0.15	U	0.15	0.93
1,4-Dichlorobenzene		0.20	J	0.10	0.93
1,2-Dichlorobenzene		0.093	U	0.093	0.93
Naphthalene		0.21	U	0.21	0.93
Dichlorodifluoromethane		0.20	U	0.20	0.93
1,1-Dichloropropene		0.14	U	0.14	0.93
1,2,4-Trichlorobenzene		0.18	U	0.18	0.93
Hexachlorobutadiene		0.15	U	0.15	4.6
1,1,1,2-Tetrachloroethane		0.10	U	0.10	0.93
1,2,3-Trichlorobenzene		0.15	U	0.15	0.93
1,2,3-Trichloropropane		0.17	U	0.17	0.93
1,2,4-Trimethylbenzene		0.14	U	0.14	0.93
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.93
1,3,5-Trimethylbenzene		0.11	U	0.11	0.93
1,3-Dichloropropane		0.21	U	0.21	0.93
2,2-Dichloropropane		0.12	U	0.12	0.93
2-Chlorotoluene		0.12	U	0.12	0.93
4-Chlorotoluene		0.21	U	0.21	0.93
Monobromobenzene		0.28	U	0.28	0.93
Bromochloromethane		0.10	U	0.10	0.93
Dibromomethane		0.21	U	0.21	0.93
Isopropylbenzene		0.10	U	0.10	0.93
N-Propylbenzene		0.14	U	0.14	0.93
p-Isopropyltoluene		0.13	U	0.13	0.93
sec-Butylbenzene		0.12	U	0.12	0.93
tert-Butylbenzene		0.11	U	0.11	0.93
n-Butylbenzene		0.074	U	0.074	0.93
Methyl methacrylate		0.24	U	0.24	0.93
trans-1,4-Dichloro-2-butene		0.24	U	0.24	0.93
Tert-butyl ethyl ether		0.11	U	0.11	0.93

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
Toluene-d8 (Surr)	95		70 - 130
Bromofluorobenzene	107		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-E Wall

Lab Sample ID: 460-42116-7

Date Sampled: 06/29/2012 1535

Client Matrix: Solid

% Moisture: 4.4

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-119553

Instrument ID: VOAMS12

Prep Method: 5035

Prep Batch: 460-118899

Lab File ID: o62187.d

Dilution: 1.0

Initial Weight/Volume: 5.04 g

Analysis Date: 07/12/2012 1224

Final Weight/Volume: 5 mL

Prep Date: 07/06/2012 2023

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.0
Bromomethane		0.45	U	0.45	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		1.6	B	0.16	1.0
Acetone		3.5	J B	1.8	10
Carbon disulfide		0.16	U	0.16	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.25	U	0.25	1.0
1,2-Dichloroethane		0.19	U	0.19	1.0
2-Butanone		0.65	U	0.65	10
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Bromodichloromethane		0.33	U	0.33	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
TCE		0.12	U	0.12	1.0
Dibromochloromethane		0.10	U	0.10	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0
Benzene		0.16	U	0.16	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
Bromoform		0.18	U	0.18	1.0
4-Methyl-2-pentanone		0.21	U	0.21	10
2-Hexanone		0.13	U	0.13	10
Tetrachloroethene		6.9		0.12	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
Toluene		0.15	U	0.15	1.0
Chlorobenzene		0.19	U	0.19	1.0
Ethylbenzene		0.18	U	0.18	1.0
Styrene		0.29	U	0.29	1.0
m&p-Xylene		0.61	U	0.61	2.1
o-Xylene		0.20	U	0.20	1.0
Ethyl ether		0.22	U	0.22	1.0
Acrolein		7.8	U	7.8	100
Freon TF		0.11	U	0.11	1.0
Acetonitrile		3.1	U	3.1	21
TBA		3.2	U	3.2	21
Acrylonitrile		3.6	U	3.6	52
MTBE		0.11	U	0.11	1.0
Vinyl acetate		0.41	U	0.41	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropyl acetate		0.18	U	0.18	2.1

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-E Wall

Lab Sample ID: 460-42116-7

Date Sampled: 06/29/2012 1535

Client Matrix: Solid

% Moisture: 4.4

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62187.d
Dilution:	1.0			Initial Weight/Volume:	5.04 g
Analysis Date:	07/12/2012 1224			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2023				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.16	U	0.16	1.0
1,3-Dichlorobenzene		0.17	U	0.17	1.0
1,4-Dichlorobenzene		0.39	J	0.11	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
Naphthalene		0.24	U	0.24	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
1,1-Dichloropropene		0.16	U	0.16	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
Hexachlorobutadiene		0.17	U	0.17	5.2
1,1,1,2-Tetrachloroethane		0.11	U	0.11	1.0
1,2,3-Trichlorobenzene		0.17	U	0.17	1.0
1,2,3-Trichloropropane		0.19	U	0.19	1.0
1,2,4-Trimethylbenzene		0.31	J	0.16	1.0
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.0
1,3,5-Trimethylbenzene		0.28	J	0.12	1.0
1,3-Dichloropropane		0.24	U	0.24	1.0
2,2-Dichloropropane		0.13	U	0.13	1.0
2-Chlorotoluene		0.13	U	0.13	1.0
4-Chlorotoluene		0.24	U	0.24	1.0
Monobromobenzene		0.31	U	0.31	1.0
Bromochloromethane		0.11	U	0.11	1.0
Dibromomethane		0.24	U	0.24	1.0
Isopropylbenzene		0.11	U	0.11	1.0
N-Propylbenzene		0.16	U	0.16	1.0
p-Isopropyltoluene		0.15	U	0.15	1.0
sec-Butylbenzene		0.13	U	0.13	1.0
tert-Butylbenzene		0.12	U	0.12	1.0
n-Butylbenzene		0.083	U	0.083	1.0
Methyl methacrylate		0.27	U	0.27	1.0
trans-1,4-Dichloro-2-butene		0.27	U	0.27	1.0
Tert-butyl ethyl ether		0.12	U	0.12	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	105		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-S Wall

Lab Sample ID: 460-42116-8

Date Sampled: 06/29/2012 1542

Client Matrix: Solid

% Moisture: 19.0

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-119553

Instrument ID: VOAMS12

Prep Method: 5035

Prep Batch: 460-118899

Lab File ID: o62188.d

Dilution: 1.0

Initial Weight/Volume: 5.21 g

Analysis Date: 07/12/2012 1249

Final Weight/Volume: 5 mL

Prep Date: 07/06/2012 2024

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.51	U	0.51	1.2
Vinyl chloride		0.40	U	0.40	1.2
Chloroethane		0.39	U	0.39	1.2
Methylene Chloride		1.9	B	0.18	1.2
Acetone		12	B	2.0	12
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
1,2-Dichloroethane		0.21	U	0.21	1.2
2-Butanone		3.0	J	0.75	12
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Bromodichloromethane		0.38	U	0.38	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
TCE		0.14	U	0.14	1.2
Dibromochloromethane		0.12	U	0.12	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2
Benzene		0.18	U	0.18	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
Bromoform		0.20	U	0.20	1.2
4-Methyl-2-pentanone		0.24	U	0.24	12
2-Hexanone		0.15	U	0.15	12
Tetrachloroethene		0.56	J	0.14	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
Toluene		0.17	U	0.17	1.2
Chlorobenzene		0.21	U	0.21	1.2
Ethylbenzene		0.20	U	0.20	1.2
Styrene		0.33	U	0.33	1.2
m&p-Xylene		0.76	J	0.70	2.4
o-Xylene		0.49	J	0.23	1.2
Ethyl ether		0.25	U	0.25	1.2
Acrolein		8.9	U	8.9	120
Freon TF		0.13	U	0.13	1.2
Acetonitrile		3.5	U	3.5	24
TBA		3.7	U	3.7	24
Acrylonitrile		4.1	U	4.1	59
MTBE		0.13	U	0.13	1.2
Vinyl acetate		0.47	U	0.47	1.2
Cyclohexane		0.15	U	0.15	1.2
Isopropyl acetate		0.20	U	0.20	2.4

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-S Wall

Lab Sample ID: 460-42116-8

Date Sampled: 06/29/2012 1542

Client Matrix: Solid

% Moisture: 19.0

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62188.d
Dilution:	1.0			Initial Weight/Volume:	5.21 g
Analysis Date:	07/12/2012 1249			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2024				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.18	U	0.18	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.42	J	0.13	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
Naphthalene		0.27	U	0.27	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
1,1-Dichloropropene		0.18	U	0.18	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
Hexachlorobutadiene		0.19	U	0.19	5.9
1,1,1,2-Tetrachloroethane		0.13	U	0.13	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2,3-Trichloropropane		0.21	U	0.21	1.2
1,2,4-Trimethylbenzene		1.5		0.18	1.2
1,2-Dibromo-3-Chloropropane		0.52	U	0.52	1.2
1,3,5-Trimethylbenzene		0.56	J	0.14	1.2
1,3-Dichloropropane		0.27	U	0.27	1.2
2,2-Dichloropropane		0.15	U	0.15	1.2
2-Chlorotoluene		0.15	U	0.15	1.2
4-Chlorotoluene		0.27	U	0.27	1.2
Monobromobenzene		0.36	U	0.36	1.2
Bromochloromethane		0.13	U	0.13	1.2
Dibromomethane		0.27	U	0.27	1.2
Isopropylbenzene		0.13	U	0.13	1.2
N-Propylbenzene		0.18	U	0.18	1.2
p-Isopropyltoluene		0.17	U	0.17	1.2
sec-Butylbenzene		0.15	U	0.15	1.2
tert-Butylbenzene		0.14	U	0.14	1.2
n-Butylbenzene		0.095	U	0.095	1.2
Methyl methacrylate		0.31	U	0.31	1.2
trans-1,4-Dichloro-2-butene		0.31	U	0.31	1.2
Tert-butyl ethyl ether		0.14	U	0.14	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	107		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-W Wall

Lab Sample ID: 460-42116-9

Date Sampled: 06/29/2012 1546

Client Matrix: Solid

% Moisture: 3.5

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62189.d
Dilution:	1.0			Initial Weight/Volume:	5.30 g
Analysis Date:	07/12/2012 1314			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2026				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	0.98
Bromomethane		0.42	U	0.42	0.98
Vinyl chloride		0.33	U	0.33	0.98
Chloroethane		0.32	U	0.32	0.98
Methylene Chloride		1.0	B	0.15	0.98
Acetone		4.8	J B	1.7	9.8
Carbon disulfide		0.15	U	0.15	0.98
Trichlorofluoromethane		0.16	U	0.16	0.98
1,1-Dichloroethene		0.19	U	0.19	0.98
1,1-Dichloroethane		0.11	U	0.11	0.98
trans-1,2-Dichloroethene		0.13	U	0.13	0.98
cis-1,2-Dichloroethene		0.11	U	0.11	0.98
Chloroform		0.23	U	0.23	0.98
1,2-Dichloroethane		0.18	U	0.18	0.98
2-Butanone		0.62	U	0.62	9.8
1,1,1-Trichloroethane		0.13	U	0.13	0.98
Carbon tetrachloride		0.15	U	0.15	0.98
Bromodichloromethane		0.31	U	0.31	0.98
1,2-Dichloropropane		0.15	U	0.15	0.98
cis-1,3-Dichloropropene		0.14	U	0.14	0.98
TCE		0.12	U	0.12	0.98
Dibromochloromethane		0.098	U	0.098	0.98
1,1,2-Trichloroethane		0.14	U	0.14	0.98
Benzene		0.15	U	0.15	0.98
trans-1,3-Dichloropropene		0.098	U	0.098	0.98
Bromoform		0.17	U	0.17	0.98
4-Methyl-2-pentanone		0.20	U	0.20	9.8
2-Hexanone		0.13	U	0.13	9.8
Tetrachloroethene		0.12	J	0.12	0.98
1,1,2,2-Tetrachloroethane		0.088	U	0.088	0.98
Toluene		0.14	U	0.14	0.98
Chlorobenzene		0.18	U	0.18	0.98
Ethylbenzene		0.17	U	0.17	0.98
Styrene		0.27	U	0.27	0.98
m&p-Xylene		0.58	U	0.58	2.0
o-Xylene		0.19	U	0.19	0.98
Ethyl ether		0.21	U	0.21	0.98
Acrolein		7.3	U	7.3	98
Freon TF		0.11	U	0.11	0.98
Acetonitrile		2.9	U	2.9	20
TBA		3.0	U	3.0	20
Acrylonitrile		3.4	U	3.4	49
MTBE		0.11	U	0.11	0.98
Vinyl acetate		0.39	U	0.39	0.98
Cyclohexane		0.13	U	0.13	0.98
Isopropyl acetate		0.17	U	0.17	2.0

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-W Wall

Lab Sample ID: 460-42116-9

Date Sampled: 06/29/2012 1546

Client Matrix: Solid

% Moisture: 3.5

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62189.d
Dilution:	1.0			Initial Weight/Volume:	5.30 g
Analysis Date:	07/12/2012 1314			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2026				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.15	U	0.15	0.98
1,3-Dichlorobenzene		0.16	U	0.16	0.98
1,4-Dichlorobenzene		0.11	U	0.11	0.98
1,2-Dichlorobenzene		0.098	U	0.098	0.98
Naphthalene		0.22	U	0.22	0.98
Dichlorodifluoromethane		0.22	U	0.22	0.98
1,1-Dichloropropene		0.15	U	0.15	0.98
1,2,4-Trichlorobenzene		0.19	U	0.19	0.98
Hexachlorobutadiene		0.16	U	0.16	4.9
1,1,1,2-Tetrachloroethane		0.11	U	0.11	0.98
1,2,3-Trichlorobenzene		0.16	U	0.16	0.98
1,2,3-Trichloropropane		0.18	U	0.18	0.98
1,2,4-Trimethylbenzene		0.15	U	0.15	0.98
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.98
1,3,5-Trimethylbenzene		0.12	U	0.12	0.98
1,3-Dichloropropane		0.22	U	0.22	0.98
2,2-Dichloropropane		0.13	U	0.13	0.98
2-Chlorotoluene		0.13	U	0.13	0.98
4-Chlorotoluene		0.22	U	0.22	0.98
Monobromobenzene		0.29	U	0.29	0.98
Bromochloromethane		0.11	U	0.11	0.98
Dibromomethane		0.22	U	0.22	0.98
Isopropylbenzene		0.11	U	0.11	0.98
N-Propylbenzene		0.15	U	0.15	0.98
p-Isopropyltoluene		0.14	U	0.14	0.98
sec-Butylbenzene		0.13	U	0.13	0.98
tert-Butylbenzene		0.12	U	0.12	0.98
n-Butylbenzene		0.078	U	0.078	0.98
Methyl methacrylate		0.25	U	0.25	0.98
trans-1,4-Dichloro-2-butene		0.25	U	0.25	0.98
Tert-butyl ethyl ether		0.12	U	0.12	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	108		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-Bottom

Lab Sample ID: 460-42116-10

Date Sampled: 06/29/2012 1550

Client Matrix: Solid

% Moisture: 3.9

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-119553

Instrument ID: VOAMS12

Prep Method: 5035

Prep Batch: 460-118899

Lab File ID: o62190.d

Dilution: 1.0

Initial Weight/Volume: 5.55 g

Analysis Date: 07/12/2012 1339

Final Weight/Volume: 5 mL

Prep Date: 07/06/2012 2027

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.94
Bromomethane		0.40	U	0.40	0.94
Vinyl chloride		0.32	U	0.32	0.94
Chloroethane		0.31	U	0.31	0.94
Methylene Chloride		1.4	B	0.14	0.94
Acetone		3.6	J B	1.6	9.4
Carbon disulfide		0.14	U	0.14	0.94
Trichlorofluoromethane		0.15	U	0.15	0.94
1,1-Dichloroethene		0.18	U	0.18	0.94
1,1-Dichloroethane		0.10	U	0.10	0.94
trans-1,2-Dichloroethene		0.12	U	0.12	0.94
cis-1,2-Dichloroethene		0.10	U	0.10	0.94
Chloroform		0.23	U	0.23	0.94
1,2-Dichloroethane		0.17	U	0.17	0.94
2-Butanone		0.59	U	0.59	9.4
1,1,1-Trichloroethane		0.12	U	0.12	0.94
Carbon tetrachloride		0.14	U	0.14	0.94
Bromodichloromethane		0.30	U	0.30	0.94
1,2-Dichloropropane		0.14	U	0.14	0.94
cis-1,3-Dichloropropene		0.13	U	0.13	0.94
TCE		0.11	U	0.11	0.94
Dibromochloromethane		0.094	U	0.094	0.94
1,1,2-Trichloroethane		0.13	U	0.13	0.94
Benzene		0.14	U	0.14	0.94
trans-1,3-Dichloropropene		0.094	U	0.094	0.94
Bromoform		0.16	U	0.16	0.94
4-Methyl-2-pentanone		0.19	U	0.19	9.4
2-Hexanone		0.12	U	0.12	9.4
Tetrachloroethene		0.28	J	0.11	0.94
1,1,2,2-Tetrachloroethane		0.084	U	0.084	0.94
Toluene		0.13	U	0.13	0.94
Chlorobenzene		0.17	U	0.17	0.94
Ethylbenzene		0.16	U	0.16	0.94
Styrene		0.26	U	0.26	0.94
m&p-Xylene		0.55	U	0.55	1.9
o-Xylene		0.18	U	0.18	0.94
Ethyl ether		0.20	U	0.20	0.94
Acrolein		7.0	U	7.0	94
Freon TF		0.10	U	0.10	0.94
Acetonitrile		2.8	U	2.8	19
TBA		2.9	U	2.9	19
Acrylonitrile		3.3	U	3.3	47
MTBE		0.10	U	0.10	0.94
Vinyl acetate		0.38	U	0.38	0.94
Cyclohexane		0.12	U	0.12	0.94
Isopropyl acetate		0.16	U	0.16	1.9

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Client Sample ID: Northeast-Bottom

Lab Sample ID: 460-42116-10

Date Sampled: 06/29/2012 1550

Client Matrix: Solid

% Moisture: 3.9

Date Received: 07/05/2012 1710

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-118899	Lab File ID:	o62190.d
Dilution:	1.0			Initial Weight/Volume:	5.55 g
Analysis Date:	07/12/2012 1339			Final Weight/Volume:	5 mL
Prep Date:	07/06/2012 2027				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromoethane		0.14	U	0.14	0.94
1,3-Dichlorobenzene		0.15	U	0.15	0.94
1,4-Dichlorobenzene		0.32	J	0.10	0.94
1,2-Dichlorobenzene		0.094	U	0.094	0.94
Naphthalene		0.22	U	0.22	0.94
Dichlorodifluoromethane		0.21	U	0.21	0.94
1,1-Dichloropropene		0.14	U	0.14	0.94
1,2,4-Trichlorobenzene		0.18	U	0.18	0.94
Hexachlorobutadiene		0.15	U	0.15	4.7
1,1,1,2-Tetrachloroethane		0.10	U	0.10	0.94
1,2,3-Trichlorobenzene		0.15	U	0.15	0.94
1,2,3-Trichloropropane		0.17	U	0.17	0.94
1,2,4-Trimethylbenzene		0.16	J	0.14	0.94
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.94
1,3,5-Trimethylbenzene		0.11	U	0.11	0.94
1,3-Dichloropropane		0.22	U	0.22	0.94
2,2-Dichloropropane		0.12	U	0.12	0.94
2-Chlorotoluene		0.12	U	0.12	0.94
4-Chlorotoluene		0.22	U	0.22	0.94
Monobromobenzene		0.28	U	0.28	0.94
Bromochloromethane		0.10	U	0.10	0.94
Dibromomethane		0.22	U	0.22	0.94
Isopropylbenzene		0.10	U	0.10	0.94
N-Propylbenzene		0.14	U	0.14	0.94
p-Isopropyltoluene		0.13	U	0.13	0.94
sec-Butylbenzene		0.12	U	0.12	0.94
tert-Butylbenzene		0.11	U	0.11	0.94
n-Butylbenzene		0.075	U	0.075	0.94
Methyl methacrylate		0.24	U	0.24	0.94
trans-1,4-Dichloro-2-butene		0.24	U	0.24	0.94
Tert-butyl ethyl ether		0.11	U	0.11	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	113		70 - 130

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry**Client Sample ID:** Centerline-N Wall

Lab Sample ID: 460-42116-1

Date Sampled: 06/29/2012 1418

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013		Analysis Date: 07/09/2012 0945				DryWt Corrected: N
Percent Solids	81.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013		Analysis Date: 07/09/2012 0945				DryWt Corrected: N

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry**Client Sample ID:** Centerline-E Wall

Lab Sample ID: 460-42116-2

Date Sampled: 06/29/2012 1423

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	81.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry

Client Sample ID: Centerline-S Wall

Lab Sample ID: 460-42116-3

Date Sampled: 06/29/2012 1431

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	80.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry

Client Sample ID: Centerline-W Wall

Lab Sample ID: 460-42116-4

Date Sampled: 06/29/2012 1433

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	81.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry

Client Sample ID: Centerline-Bottom

Lab Sample ID: 460-42116-5

Date Sampled: 06/29/2012 1437

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	87.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry**Client Sample ID:** Northeast-N Wall

Lab Sample ID: 460-42116-6

Date Sampled: 06/29/2012 1533

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	95.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry**Client Sample ID:** Northeast-E Wall

Lab Sample ID: 460-42116-7

Date Sampled: 06/29/2012 1535

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	95.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

Analytical Data

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry**Client Sample ID:** Northeast-S Wall

Lab Sample ID: 460-42116-8

Date Sampled: 06/29/2012 1542

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	81.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry

Client Sample ID: Northeast-W Wall

Lab Sample ID: 460-42116-9

Date Sampled: 06/29/2012 1546

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	96.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

General Chemistry

Client Sample ID: Northeast-Bottom

Lab Sample ID: 460-42116-10

Date Sampled: 06/29/2012 1550

Client Matrix: Solid

Date Received: 07/05/2012 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N
Percent Solids	96.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-119013	Analysis Date: 07/09/2012 0945					DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.

QUALITY CONTROL RESULTS

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-118899					
LB3 460-118899/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-42116-1	Centerline-N Wall	T	Solid	5035	
460-42116-2	Centerline-E Wall	T	Solid	5035	
460-42116-3	Centerline-S Wall	T	Solid	5035	
460-42116-4	Centerline-W Wall	T	Solid	5035	
460-42116-5	Centerline-Bottom	T	Solid	5035	
460-42116-6	Northeast-N Wall	T	Solid	5035	
460-42116-7	Northeast-E Wall	T	Solid	5035	
460-42116-8	Northeast-S Wall	T	Solid	5035	
460-42116-9	Northeast-W Wall	T	Solid	5035	
460-42116-10	Northeast-Bottom	T	Solid	5035	
Analysis Batch:460-119109					
LCS 460-119109/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-119109/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-119109/5	Method Blank	T	Solid	8260B	
LB3 460-118899/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-118899
Analysis Batch:460-119553					
LCS 460-119553/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-119553/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-119553/5	Method Blank	T	Solid	8260B	
460-42116-5	Centerline-Bottom	T	Solid	8260B	460-118899
460-42116-6	Northeast-N Wall	T	Solid	8260B	460-118899
460-42116-7	Northeast-E Wall	T	Solid	8260B	460-118899
460-42116-8	Northeast-S Wall	T	Solid	8260B	460-118899
460-42116-9	Northeast-W Wall	T	Solid	8260B	460-118899
460-42116-10	Northeast-Bottom	T	Solid	8260B	460-118899
Analysis Batch:460-119632					
LCS 460-119632/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-119632/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-119632/5	Method Blank	T	Solid	8260B	
460-42116-1	Centerline-N Wall	T	Solid	8260B	460-118899
460-42116-2	Centerline-E Wall	T	Solid	8260B	460-118899
460-42116-3	Centerline-S Wall	T	Solid	8260B	460-118899
460-42116-4	Centerline-W Wall	T	Solid	8260B	460-118899

Report Basis

T = Total

TestAmerica Edison

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-119013					
460-42116-1	Centerline-N Wall	T	Solid	Moisture	
460-42116-1DU	Duplicate	T	Solid	Moisture	
460-42116-2	Centerline-E Wall	T	Solid	Moisture	
460-42116-3	Centerline-S Wall	T	Solid	Moisture	
460-42116-4	Centerline-W Wall	T	Solid	Moisture	
460-42116-5	Centerline-Bottom	T	Solid	Moisture	
460-42116-6	Northeast-N Wall	T	Solid	Moisture	
460-42116-7	Northeast-E Wall	T	Solid	Moisture	
460-42116-8	Northeast-S Wall	T	Solid	Moisture	
460-42116-9	Northeast-W Wall	T	Solid	Moisture	
460-42116-10	Northeast-Bottom	T	Solid	Moisture	

Report Basis

T = Total

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-42116-1	Centerline-N Wall	93	101	120
460-42116-2	Centerline-E Wall	83	94	107
460-42116-3	Centerline-S Wall	91	102	119
460-42116-4	Centerline-W Wall	83	93	109
460-42116-5	Centerline-Bottom	87	95	107
460-42116-6	Northeast-N Wall	85	95	107
460-42116-7	Northeast-E Wall	84	91	105
460-42116-8	Northeast-S Wall	86	94	107
460-42116-9	Northeast-W Wall	81	93	108
460-42116-10	Northeast-Bottom	90	97	113
MB 460-119109/5		104	99	100
MB 460-119553/5		85	94	108
MB 460-119632/5		84	99	114
LB3 460-118899/1-A		99	95	94
LCS 460-119109/3		103	102	103
LCS 460-119553/3		82	99	112
LCS 460-119632/3		80	93	108
LCSD 460-119109/4		106	102	104
LCSD 460-119553/4		81	98	111
LCSD 460-119632/4		82	96	111

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-118899

Method: 8260B

Preparation: 5035

Lab Sample ID: LB3 460-118899/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/09/2012 1958
Prep Date: 07/06/2012 2012
Leach Date: N/A

Analysis Batch: 460-119109
Prep Batch: 460-118899
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d22427.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	1.01		0.15	1.0
Acetone	6.67	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	10
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
TCE	0.12	U	0.12	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Benzene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Bromoform	0.17	U	0.17	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
2-Hexanone	0.13	U	0.13	10
Tetrachloroethene	0.12	U	0.12	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethyl ether	0.21	U	0.21	1.0
Acrolein	7.5	U	7.5	100
Freon TF	0.11	U	0.11	1.0
Acetonitrile	3.0	U	3.0	20
TBA	3.1	U	3.1	20
Acrylonitrile	3.5	U	3.5	50
MTBE	0.11	U	0.11	1.0
Vinyl acetate	0.40	U	0.40	1.0
Cyclohexane	0.13	U	0.13	1.0

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-118899

Method: 8260B

Preparation: 5035

Lab Sample ID: LB3 460-118899/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/09/2012 1958
Prep Date: 07/06/2012 2012
Leach Date: N/A

Analysis Batch: 460-119109
Prep Batch: 460-118899
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d22427.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Isopropyl acetate	0.17	U	0.17	2.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
Naphthalene	0.23	U	0.23	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
1,1-Dichloropropene	0.15	U	0.15	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
Hexachlorobutadiene	0.16	U	0.16	5.0
1,1,1,2-Tetrachloroethane	0.11	U	0.11	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,3,5-Trimethylbenzene	0.12	U	0.12	1.0
1,3-Dichloropropane	0.23	U	0.23	1.0
2,2-Dichloropropane	0.13	U	0.13	1.0
2-Chlorotoluene	0.13	U	0.13	1.0
4-Chlorotoluene	0.23	U	0.23	1.0
Monobromobenzene	0.30	U	0.30	1.0
Bromochloromethane	0.11	U	0.11	1.0
Dibromomethane	0.23	U	0.23	1.0
Isopropylbenzene	0.11	U	0.11	1.0
N-Propylbenzene	0.15	U	0.15	1.0
p-Isopropyltoluene	0.14	U	0.14	1.0
sec-Butylbenzene	0.13	U	0.13	1.0
tert-Butylbenzene	0.12	U	0.12	1.0
n-Butylbenzene	0.080	U	0.080	1.0
Methyl methacrylate	0.26	U	0.26	1.0
trans-1,4-Dichloro-2-butene	0.26	U	0.26	1.0
Tert-butyl ethyl ether	0.12	U	0.12	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 130
Toluene-d8 (Surr)	95	70 - 130
Bromofluorobenzene	94	70 - 130

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119109

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-119109/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/09/2012 1934
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-119109
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d22426.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	9.26	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	10
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
TCE	0.12	U	0.12	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Benzene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Bromoform	0.17	U	0.17	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
2-Hexanone	0.13	U	0.13	10
Tetrachloroethene	0.12	U	0.12	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethyl ether	0.21	U	0.21	1.0
Acrolein	7.5	U	7.5	100
Freon TF	0.11	U	0.11	1.0
Acetonitrile	3.0	U	3.0	20
TBA	3.1	U	3.1	20
Acrylonitrile	3.5	U	3.5	50
MTBE	0.11	U	0.11	1.0
Vinyl acetate	0.40	U	0.40	1.0
Cyclohexane	0.13	U	0.13	1.0

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119109

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-119109/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/09/2012 1934
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-119109
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d22426.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Isopropyl acetate	0.17	U	0.17	2.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
Naphthalene	0.23	U	0.23	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
1,1-Dichloropropene	0.15	U	0.15	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
Hexachlorobutadiene	0.16	U	0.16	5.0
1,1,1,2-Tetrachloroethane	0.11	U	0.11	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,3,5-Trimethylbenzene	0.12	U	0.12	1.0
1,3-Dichloropropane	0.23	U	0.23	1.0
2,2-Dichloropropane	0.13	U	0.13	1.0
2-Chlorotoluene	0.13	U	0.13	1.0
4-Chlorotoluene	0.23	U	0.23	1.0
Monobromobenzene	0.30	U	0.30	1.0
Bromochloromethane	0.11	U	0.11	1.0
Dibromomethane	0.23	U	0.23	1.0
Isopropylbenzene	0.11	U	0.11	1.0
N-Propylbenzene	0.15	U	0.15	1.0
p-Isopropyltoluene	0.14	U	0.14	1.0
sec-Butylbenzene	0.13	U	0.13	1.0
tert-Butylbenzene	0.12	U	0.12	1.0
n-Butylbenzene	0.080	U	0.080	1.0
Methyl methacrylate	0.26	U	0.26	1.0
trans-1,4-Dichloro-2-butene	0.26	U	0.26	1.0
Tert-butyl ethyl ether	0.12	U	0.12	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	70 - 130
Toluene-d8 (Surr)	99	70 - 130
Bromofluorobenzene	100	70 - 130

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119109**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119109/3	Analysis Batch:	460-119109	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d22422.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1737	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119109/4	Analysis Batch:	460-119109	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d22423.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1801	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	94	96	50 - 151	2	30		
Bromomethane	98	99	54 - 142	1	30		
Vinyl chloride	90	92	67 - 133	2	30		
Chloroethane	102	100	56 - 146	2	30		
Methylene Chloride	105	107	74 - 137	2	30		
Acetone	133	138	27 - 164	4	30		
Carbon disulfide	92	92	72 - 128	1	30		
Trichlorofluoromethane	87	88	61 - 139	1	30		
1,1-Dichloroethene	91	92	71 - 126	1	30		
1,1-Dichloroethane	98	100	76 - 125	2	30		
trans-1,2-Dichloroethene	94	101	75 - 122	7	30		
cis-1,2-Dichloroethene	96	100	80 - 120	5	30		
Chloroform	99	103	77 - 120	4	30		
1,2-Dichloroethane	99	109	76 - 118	9	30		
2-Butanone	111	111	77 - 117	0	30		
1,1,1-Trichloroethane	94	96	78 - 117	2	30		
Carbon tetrachloride	92	93	79 - 118	2	30		
Bromodichloromethane	95	102	79 - 119	7	30		
1,2-Dichloropropane	97	101	82 - 122	4	30		
cis-1,3-Dichloropropene	90	96	80 - 123	7	30		
TCE	91	97	79 - 119	6	30		
Dibromochloromethane	96	102	68 - 120	6	30		
1,1,2-Trichloroethane	97	103	73 - 118	6	30		
Benzene	96	101	77 - 117	5	30		
trans-1,3-Dichloropropene	97	99	67 - 121	3	30		
Bromoform	96	102	59 - 125	6	30		
4-Methyl-2-pentanone	95	101	68 - 120	6	30		
2-Hexanone	101	109	70 - 122	7	30		
Tetrachloroethene	93	97	80 - 120	4	30		
1,1,2,2-Tetrachloroethane	96	102	79 - 122	5	30		
Toluene	92	95	75 - 115	3	30		
Chlorobenzene	100	99	80 - 120	0	30		
Ethylbenzene	93	96	81 - 121	3	30		
Styrene	97	103	82 - 122	6	30		
m&p-Xylene	97	99	81 - 121	2	30		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119109**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119109/3	Analysis Batch:	460-119109	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d22422.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1737	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119109/4	Analysis Batch:	460-119109	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d22423.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1801	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
o-Xylene	97	98	82 - 122	1	30		
Ethyl ether	99	105	71 - 121	6	30		
Acrolein	98	99	10 - 163	1	30		
Freon TF	84	85	73 - 123	1	30		
Acetonitrile	110	115	57 - 141	5	30		
TBA	108	117	65 - 119	9	30		
Acrylonitrile	97	100	71 - 130	3	30		
MTBE	95	101	78 - 120	6	30		
Vinyl acetate	111	95	52 - 116	15	30		
Cyclohexane	84	85	80 - 121	1	30		
Isopropyl acetate	91	99	61 - 123	9	30		
1,2-Dibromoethane	99	104	75 - 117	5	30		
1,3-Dichlorobenzene	96	98	80 - 120	2	30		
1,4-Dichlorobenzene	97	97	80 - 120	0	30		
1,2-Dichlorobenzene	99	99	80 - 120	0	30		
Naphthalene	114	115	78 - 119	1	30		
Dichlorodifluoromethane	92	93	52 - 144	1	30		
1,1-Dichloropropene	89	91	78 - 118	2	30		
1,2,4-Trichlorobenzene	108	107	80 - 120	0	30		
Hexachlorobutadiene	93	91	72 - 120	1	30		
1,1,1,2-Tetrachloroethane	97	100	60 - 126	3	30		
1,2,3-Trichlorobenzene	114	117	75 - 121	3	30		
1,2,3-Trichloropropane	97	97	80 - 120	0	30		
1,2,4-Trimethylbenzene	98	100	81 - 121	1	30		
1,2-Dibromo-3-Chloropropane	101	97	74 - 118	4	30		
1,3,5-Trimethylbenzene	94	97	82 - 122	3	30		
1,3-Dichloropropane	92	101	77 - 116	9	30		
2,2-Dichloropropane	96	96	77 - 120	1	30		
2-Chlorotoluene	93	96	81 - 121	3	30		
4-Chlorotoluene	97	100	82 - 122	3	30		
Monobromobenzene	96	94	80 - 120	2	30		
Bromochloromethane	101	106	74 - 125	5	30		
Dibromomethane	97	103	79 - 118	6	30		
Isopropylbenzene	96	98	65 - 129	2	30		
N-Propylbenzene	93	95	81 - 121	2	30		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119109**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119109/3	Analysis Batch:	460-119109	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d22422.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1737	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119109/4	Analysis Batch:	460-119109	Instrument ID:	VOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	d22423.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2012 1801	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
p-Isopropyltoluene	93	94	82 - 122	1	30		
sec-Butylbenzene	92	92	82 - 122	0	30		
tert-Butylbenzene	89	92	82 - 122	3	30		
n-Butylbenzene	95	93	82 - 122	2	30		
Methyl methacrylate	92	99	76 - 116	8	30		
trans-1,4-Dichloro-2-butene	137	144	67 - 121	5	30	*	*
Tert-butyl ethyl ether	109	117	70 - 130	7	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	103		106		70 - 130		
Toluene-d8 (Surr)	102		102		70 - 130		
Bromofluorobenzene	103		104		70 - 130		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119553

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 460-119553/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/12/2012 0724
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-119553
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o62175.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.582	J	0.15	1.0
Acetone	5.97	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	10
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
TCE	0.12	U	0.12	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Benzene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Bromoform	0.17	U	0.17	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
2-Hexanone	0.13	U	0.13	10
Tetrachloroethene	0.12	U	0.12	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethyl ether	0.21	U	0.21	1.0
Acrolein	7.5	U	7.5	100
Freon TF	0.11	U	0.11	1.0
Acetonitrile	3.0	U	3.0	20
TBA	3.1	U	3.1	20
Acrylonitrile	3.5	U	3.5	50
MTBE	0.11	U	0.11	1.0
Vinyl acetate	0.40	U	0.40	1.0
Cyclohexane	0.13	U	0.13	1.0

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119553

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 460-119553/5
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 07/12/2012 0724
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-119553
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VOAMS12
 Lab File ID: o62175.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Isopropyl acetate	0.17	U	0.17	2.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
Naphthalene	0.23	U	0.23	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
1,1-Dichloropropene	0.15	U	0.15	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
Hexachlorobutadiene	0.16	U	0.16	5.0
1,1,1,2-Tetrachloroethane	0.11	U	0.11	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,3,5-Trimethylbenzene	0.12	U	0.12	1.0
1,3-Dichloropropane	0.23	U	0.23	1.0
2,2-Dichloropropane	0.13	U	0.13	1.0
2-Chlorotoluene	0.13	U	0.13	1.0
4-Chlorotoluene	0.23	U	0.23	1.0
Monobromobenzene	0.30	U	0.30	1.0
Bromochloromethane	0.11	U	0.11	1.0
Dibromomethane	0.23	U	0.23	1.0
Isopropylbenzene	0.11	U	0.11	1.0
N-Propylbenzene	0.15	U	0.15	1.0
p-Isopropyltoluene	0.14	U	0.14	1.0
sec-Butylbenzene	0.13	U	0.13	1.0
tert-Butylbenzene	0.12	U	0.12	1.0
n-Butylbenzene	0.080	U	0.080	1.0
Methyl methacrylate	0.26	U	0.26	1.0
trans-1,4-Dichloro-2-butene	0.26	U	0.26	1.0
Tert-butyl ethyl ether	0.12	U	0.12	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	70 - 130
Toluene-d8 (Surr)	94	70 - 130
Bromofluorobenzene	108	70 - 130

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119553**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119553/3	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62171.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 0534	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119553/4	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62172.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 0559	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	111	109	50 - 151	2	30		
Bromomethane	84	91	54 - 142	9	30		
Vinyl chloride	91	89	67 - 133	2	30		
Chloroethane	80	89	56 - 146	10	30		
Methylene Chloride	115	107	74 - 137	8	30		
Acetone	113	116	27 - 164	3	30		
Carbon disulfide	85	82	72 - 128	4	30		
Trichlorofluoromethane	84	83	61 - 139	1	30		
1,1-Dichloroethene	98	95	71 - 126	3	30		
1,1-Dichloroethane	91	89	76 - 125	3	30		
trans-1,2-Dichloroethene	102	96	75 - 122	6	30		
cis-1,2-Dichloroethene	99	94	80 - 120	5	30		
Chloroform	92	91	77 - 120	1	30		
1,2-Dichloroethane	89	83	76 - 118	6	30		
2-Butanone	91	92	77 - 117	1	30		
1,1,1-Trichloroethane	97	94	78 - 117	4	30		
Carbon tetrachloride	101	92	79 - 118	9	30		
Bromodichloromethane	97	93	79 - 119	4	30		
1,2-Dichloropropane	96	89	82 - 122	8	30		
cis-1,3-Dichloropropene	102	97	80 - 123	5	30		
TCE	105	101	79 - 119	4	30		
Dibromochloromethane	89	80	68 - 120	10	30		
1,1,2-Trichloroethane	98	95	73 - 118	3	30		
Benzene	101	97	77 - 117	5	30		
trans-1,3-Dichloropropene	81	77	67 - 121	6	30		
Bromoform	91	86	59 - 125	6	30		
4-Methyl-2-pentanone	93	87	68 - 120	7	30		
2-Hexanone	83	80	70 - 122	4	30		
Tetrachloroethene	115	111	80 - 120	3	30		
1,1,2,2-Tetrachloroethane	92	91	79 - 122	1	30		
Toluene	100	95	75 - 115	5	30		
Chlorobenzene	102	98	80 - 120	4	30		
Ethylbenzene	104	101	81 - 121	3	30		
Styrene	104	99	82 - 122	5	30		
m&p-Xylene	104	99	81 - 121	5	30		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119553**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119553/3	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62171.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 0534	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119553/4	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62172.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 0559	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
o-Xylene	106	100	82 - 122	6	30		
Ethyl ether	88	86	71 - 121	2	30		
Acrolein	67	69	10 - 163	3	30		
Freon TF	97	91	73 - 123	6	30		
Acetonitrile	100	94	57 - 141	7	30		
TBA	84	74	65 - 119	13	30		
Acrylonitrile	82	83	71 - 130	0	30		
MTBE	92	88	78 - 120	5	30		
Vinyl acetate	78	75	52 - 116	4	30		
Cyclohexane	94	90	80 - 121	5	30		
Isopropyl acetate	92	88	61 - 123	5	30		
1,2-Dibromoethane	103	99	75 - 117	4	30		
1,3-Dichlorobenzene	102	99	80 - 120	3	30		
1,4-Dichlorobenzene	100	96	80 - 120	4	30		
1,2-Dichlorobenzene	102	100	80 - 120	2	30		
Naphthalene	93	91	78 - 119	2	30		
Dichlorodifluoromethane	95	95	52 - 144	0	30		
1,1-Dichloropropene	102	97	78 - 118	5	30		
1,2,4-Trichlorobenzene	101	97	80 - 120	3	30		
Hexachlorobutadiene	104	100	72 - 120	4	30		
1,1,1,2-Tetrachloroethane	93	90	60 - 126	3	30		
1,2,3-Trichlorobenzene	97	95	75 - 121	3	30		
1,2,3-Trichloropropane	97	92	80 - 120	5	30		
1,2,4-Trimethylbenzene	97	92	81 - 121	5	30		
1,2-Dibromo-3-Chloropropane	78	81	74 - 118	4	30		
1,3,5-Trimethylbenzene	96	93	82 - 122	3	30		
1,3-Dichloropropane	96	93	77 - 116	4	30		
2,2-Dichloropropane	90	85	77 - 120	6	30		
2-Chlorotoluene	97	92	81 - 121	4	30		
4-Chlorotoluene	95	91	82 - 122	4	30		
Monobromobenzene	103	97	80 - 120	6	30		
Bromochloromethane	116	107	74 - 125	8	30		
Dibromomethane	97	92	79 - 118	5	30		
Isopropylbenzene	104	100	65 - 129	5	30		
N-Propylbenzene	99	95	81 - 121	4	30		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119553**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119553/3	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62171.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 0534	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119553/4	Analysis Batch:	460-119553	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62172.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 0559	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
p-Isopropyltoluene	99	95	82 - 122	4	30		
sec-Butylbenzene	99	96	82 - 122	3	30		
tert-Butylbenzene	101	96	82 - 122	4	30		
n-Butylbenzene	95	92	82 - 122	4	30		
Methyl methacrylate	97	91	76 - 116	6	30		
trans-1,4-Dichloro-2-butene	88	85	67 - 121	4	30		
Tert-butyl ethyl ether	95	89	70 - 130	6	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	82		81		70 - 130		
Toluene-d8 (Surr)	99		98		70 - 130		
Bromofluorobenzene	112		111		70 - 130		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119632

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-119632/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/12/2012 2128
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-119632
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o62206.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.227	J	0.15	1.0
Acetone	4.11	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	10
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
TCE	0.12	U	0.12	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Benzene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Bromoform	0.17	U	0.17	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
2-Hexanone	0.13	U	0.13	10
Tetrachloroethene	0.12	U	0.12	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethyl ether	0.21	U	0.21	1.0
Acrolein	7.5	U	7.5	100
Freon TF	0.11	U	0.11	1.0
Acetonitrile	3.0	U	3.0	20
TBA	3.1	U	3.1	20
Acrylonitrile	3.5	U	3.5	50
MTBE	0.11	U	0.11	1.0
Vinyl acetate	0.40	U	0.40	1.0
Cyclohexane	0.13	U	0.13	1.0

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119632

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 460-119632/5
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 07/12/2012 2128
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-119632
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VOAMS12
 Lab File ID: o62206.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Isopropyl acetate	0.17	U	0.17	2.0
1,2-Dibromoethane	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
Naphthalene	0.23	U	0.23	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
1,1-Dichloropropene	0.15	U	0.15	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
Hexachlorobutadiene	0.16	U	0.16	5.0
1,1,1,2-Tetrachloroethane	0.11	U	0.11	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,3,5-Trimethylbenzene	0.12	U	0.12	1.0
1,3-Dichloropropane	0.23	U	0.23	1.0
2,2-Dichloropropane	0.13	U	0.13	1.0
2-Chlorotoluene	0.13	U	0.13	1.0
4-Chlorotoluene	0.23	U	0.23	1.0
Monobromobenzene	0.30	U	0.30	1.0
Bromochloromethane	0.11	U	0.11	1.0
Dibromomethane	0.23	U	0.23	1.0
Isopropylbenzene	0.11	U	0.11	1.0
N-Propylbenzene	0.15	U	0.15	1.0
p-Isopropyltoluene	0.14	U	0.14	1.0
sec-Butylbenzene	0.13	U	0.13	1.0
tert-Butylbenzene	0.12	U	0.12	1.0
n-Butylbenzene	0.080	U	0.080	1.0
Methyl methacrylate	0.26	U	0.26	1.0
trans-1,4-Dichloro-2-butene	0.26	U	0.26	1.0
Tert-butyl ethyl ether	0.12	U	0.12	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 130
Toluene-d8 (Surr)	99	70 - 130
Bromofluorobenzene	114	70 - 130

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119632**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119632/3	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62202.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 1933	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119632/4	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62203.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 1958	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	100	107	50 - 151	7	30		
Bromomethane	89	96	54 - 142	7	30		
Vinyl chloride	80	86	67 - 133	7	30		
Chloroethane	83	89	56 - 146	8	30		
Methylene Chloride	114	116	74 - 137	1	30		
Acetone	114	109	27 - 164	5	30		
Carbon disulfide	84	85	72 - 128	1	30		
Trichlorofluoromethane	72	77	61 - 139	6	30		
1,1-Dichloroethene	88	91	71 - 126	2	30		
1,1-Dichloroethane	92	93	76 - 125	1	30		
trans-1,2-Dichloroethene	96	100	75 - 122	4	30		
cis-1,2-Dichloroethene	100	103	80 - 120	3	30		
Chloroform	95	99	77 - 120	3	30		
1,2-Dichloroethane	90	92	76 - 118	3	30		
2-Butanone	105	89	77 - 117	17	30		
1,1,1-Trichloroethane	91	95	78 - 117	4	30		
Carbon tetrachloride	91	93	79 - 118	2	30		
Bromodichloromethane	101	104	79 - 119	3	30		
1,2-Dichloropropane	96	99	82 - 122	3	30		
cis-1,3-Dichloropropene	104	102	80 - 123	2	30		
TCE	102	103	79 - 119	1	30		
Dibromochloromethane	95	94	68 - 120	2	30		
1,1,2-Trichloroethane	99	98	73 - 118	1	30		
Benzene	100	102	77 - 117	2	30		
trans-1,3-Dichloropropene	83	83	67 - 121	1	30		
Bromoform	103	103	59 - 125	1	30		
4-Methyl-2-pentanone	98	92	68 - 120	6	30		
2-Hexanone	89	81	70 - 122	9	30		
Tetrachloroethene	106	106	80 - 120	1	30		
1,1,2,2-Tetrachloroethane	97	97	79 - 122	0	30		
Toluene	97	97	75 - 115	0	30		
Chlorobenzene	102	101	80 - 120	1	30		
Ethylbenzene	100	104	81 - 121	4	30		
Styrene	101	102	82 - 122	1	30		
m&p-Xylene	100	102	81 - 121	2	30		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119632**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119632/3	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62202.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 1933	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119632/4	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62203.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 1958	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
o-Xylene	103	103	82 - 122	0	30		
Ethyl ether	93	96	71 - 121	4	30		
Acrolein	69	68	10 - 163	1	30		
Freon TF	84	85	73 - 123	1	30		
Acetonitrile	111	108	57 - 141	3	30		
TBA	88	84	65 - 119	4	30		
Acrylonitrile	88	86	71 - 130	2	30		
MTBE	97	96	78 - 120	1	30		
Vinyl acetate	81	78	52 - 116	4	30		
Cyclohexane	81	83	80 - 121	2	30		
Isopropyl acetate	96	92	61 - 123	5	30		
1,2-Dibromoethane	105	105	75 - 117	0	30		
1,3-Dichlorobenzene	102	103	80 - 120	1	30		
1,4-Dichlorobenzene	100	99	80 - 120	1	30		
1,2-Dichlorobenzene	103	104	80 - 120	1	30		
Naphthalene	101	98	78 - 119	4	30		
Dichlorodifluoromethane	75	81	52 - 144	8	30		
1,1-Dichloropropene	92	94	78 - 118	2	30		
1,2,4-Trichlorobenzene	105	102	80 - 120	3	30		
Hexachlorobutadiene	96	96	72 - 120	0	30		
1,1,1,2-Tetrachloroethane	95	95	60 - 126	1	30		
1,2,3-Trichlorobenzene	101	101	75 - 121	1	30		
1,2,3-Trichloropropane	94	97	80 - 120	2	30		
1,2,4-Trimethylbenzene	94	94	81 - 121	1	30		
1,2-Dibromo-3-Chloropropane	88	89	74 - 118	1	30		
1,3,5-Trimethylbenzene	92	94	82 - 122	1	30		
1,3-Dichloropropane	97	96	77 - 116	0	30		
2,2-Dichloropropane	83	86	77 - 120	3	30		
2-Chlorotoluene	93	94	81 - 121	1	30		
4-Chlorotoluene	93	93	82 - 122	0	30		
Monobromobenzene	103	100	80 - 120	3	30		
Bromochloromethane	125	123	74 - 125	2	30		
Dibromomethane	102	105	79 - 118	2	30		
Isopropylbenzene	95	97	65 - 129	2	30		
N-Propylbenzene	92	93	81 - 121	1	30		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-119632**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-119632/3	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62202.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 1933	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-119632/4	Analysis Batch:	460-119632	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o62203.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	07/12/2012 1958	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
p-Isopropyltoluene	91	93	82 - 122	3	30		
sec-Butylbenzene	89	91	82 - 122	2	30		
tert-Butylbenzene	92	94	82 - 122	2	30		
n-Butylbenzene	87	87	82 - 122	1	30		
Methyl methacrylate	104	101	76 - 116	3	30		
trans-1,4-Dichloro-2-butene	98	96	67 - 121	2	30		
Tert-butyl ethyl ether	97	94	70 - 130	3	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	80		82		70 - 130		
Toluene-d8 (Surr)	93		96		70 - 130		
Bromofluorobenzene	108		111		70 - 130		

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Duplicate - Batch: 460-119013

Method: Moisture Preparation: N/A

Lab Sample ID:	460-42116-1	Analysis Batch:	460-119013	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	07/09/2012 0945	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	18.6	20.7	11	20	
Percent Solids	81.4	79.3	3	20	

CHAIN OF CUSTODY

Bill To: NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233
Attn: Payson Long

NYSDEC-American Drive-In Cleaners
Site # 130049

[illegible]

Paul OB 17-10 7.5.12 1.4 #80

Login Sample Receipt Checklist

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Login Number: 42116

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4° C IR 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

ANALYTICAL REPORT

Job Number: 460-43868-1

Job Description: 3801 Hempstead Turnpike

For:

FPM Group Limited
909 Marconi Avenue
Ronkonkoma, NY 11779

Attention: Mr. Ben Cancemi

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
9/6/2012 2:10 PM

Melissa Haas
Project Manager I
melissa.haas@testamericainc.com
09/06/2012

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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TestAmerica Laboratories, Inc.

TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com



Job Number: 460-43868-1

Job Description: 3801 Hempstead Turnpike

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

A handwritten signature in dark ink that reads "Melissa Haas". The signature is written in a cursive, flowing style. Below the signature is a solid horizontal line.

Approved for release.
Melissa Haas
Project Manager I
9/6/2012 2:10 PM

Melissa Haas

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CASE NARRATIVE

Client: FPM Group Limited

Project: 3801 Hempstead Turnpike

Report Number: 460-43868-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/23/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-43868-1 through 460-43868-7 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 08/24/2012 and analyzed on 08/31/2012 and 09/04/2012.

Acetone and Methylene Chloride were detected in method blank LB3 460-125520/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-126321/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 460-126321/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 460-126458/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

Carbon tetrachloride failed the recovery criteria low for LCS 460-126458/3. Carbon tetrachloride failed the recovery criteria low for LCSD 460-126458/4. This analyte was not detected in the associated samples; therefore, the data have been flagged and reported. Refer to the QC report for details.

Several analytes failed the recovery criteria low for the MS/MSD of sample 460-43868-1 in batch 460-126321. Acetone and Methyl Ethyl Ketone exceeded the rpd limit.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-43868-8 and 460-43868-9 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/28/2012.

Carbon disulfide failed the recovery criteria high for LCS 460-125772/3. This analyte was not detected in the associated sample(s); therefore, the data have been reported. Refer to the QC report for details.

The continuing calibration verification (CCV) associated with batch 125772 recovered above the upper control limit for Carbon disulfide. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-43868-1 through 460-43868-7 were analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 08/26/2012.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: FPM Group Limited

Job Number: 460-43868-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-43868-1	CPN- (11)	Solid	08/21/2012 0930	08/23/2012 1750
460-43868-1MS	CPN- (11)	Solid	08/21/2012 0930	08/23/2012 1750
460-43868-1MSD	CPN- (11)	Solid	08/21/2012 0930	08/23/2012 1750
460-43868-2	CPS- E(15)	Solid	08/21/2012 1045	08/23/2012 1750
460-43868-3	CPS- ED(15)	Solid	08/21/2012 1045	08/23/2012 1750
460-43868-4	CPS- N	Solid	08/21/2012 1055	08/23/2012 1750
460-43868-5	CPS- S	Solid	08/21/2012 1105	08/23/2012 1750
460-43868-6	CPS- W	Solid	08/21/2012 1110	08/23/2012 1750
460-43868-7	CPS- B	Solid	08/21/2012 1115	08/23/2012 1750
460-43868-8	FB0821	Water	08/21/2012 1130	08/23/2012 1750
460-43868-9	TB0821	Water	08/21/2012 0900	08/23/2012 1750

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-43868-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43868-1	CPN- (11)					
Methylene Chloride		0.92	J B	0.99	ug/Kg	8260B
Acetone		3.0	J B	9.9	ug/Kg	8260B
Tetrachloroethene		1.9		0.99	ug/Kg	8260B
Percent Moisture		3.9		1.0	%	Moisture
Percent Solids		96.1		1.0	%	Moisture
460-43868-2	CPS- E(15)					
Methylene Chloride		0.45	J B	0.98	ug/Kg	8260B
Acetone		13	B	9.8	ug/Kg	8260B
Tetrachloroethene		14		0.98	ug/Kg	8260B
Percent Moisture		2.0		1.0	%	Moisture
Percent Solids		98.0		1.0	%	Moisture
460-43868-3	CPS- ED(15)					
Methylene Chloride		0.50	J B	0.91	ug/Kg	8260B
Acetone		17	B	9.1	ug/Kg	8260B
Tetrachloroethene		9.8		0.91	ug/Kg	8260B
Percent Moisture		2.6		1.0	%	Moisture
Percent Solids		97.4		1.0	%	Moisture
460-43868-4	CPS- N					
Methylene Chloride		0.48	J B	0.92	ug/Kg	8260B
Acetone		10	B	9.2	ug/Kg	8260B
Tetrachloroethene		4.0		0.92	ug/Kg	8260B
Percent Moisture		2.6		1.0	%	Moisture
Percent Solids		97.4		1.0	%	Moisture
460-43868-5	CPS- S					
Methylene Chloride		0.71	J B	1.0	ug/Kg	8260B
Acetone		13	B	10	ug/Kg	8260B
Tetrachloroethene		5.9		1.0	ug/Kg	8260B
Percent Moisture		4.8		1.0	%	Moisture
Percent Solids		95.2		1.0	%	Moisture
460-43868-6	CPS- W					
Methylene Chloride		0.46	J B	0.96	ug/Kg	8260B
Acetone		6.2	J B	9.6	ug/Kg	8260B
Tetrachloroethene		10		0.96	ug/Kg	8260B
Percent Moisture		2.5		1.0	%	Moisture
Percent Solids		97.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-43868-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43868-7	CPS- B					
Methylene Chloride		0.57	J B	0.94	ug/Kg	8260B
Acetone		4.4	J B	9.4	ug/Kg	8260B
Tetrachloroethene		2.4		0.94	ug/Kg	8260B
Percent Moisture		3.1		1.0	%	Moisture
Percent Solids		96.9		1.0	%	Moisture
460-43868-8	FB0821					
Toluene		0.23	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: FPM Group Limited

Job Number: 460-43868-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: FPM Group Limited

Job Number: 460-43868-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD
EPA Moisture	Dave, Virendra	VD

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: CPN- (11)

Lab Sample ID: 460-43868-1

Date Sampled: 08/21/2012 0930

Client Matrix: Solid

% Moisture: 3.9

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-126321

Instrument ID: VOAMS9

Prep Method: 5035

Prep Batch: 460-125520

Lab File ID: k04073.d

Dilution: 1.0

Initial Weight/Volume: 5.26 g

Analysis Date: 08/31/2012 1237

Final Weight/Volume: 5 mL

Prep Date: 08/24/2012 2306

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.99	U	0.16	0.99
Bromomethane		0.99	U	0.43	0.99
Vinyl chloride		0.99	U	0.34	0.99
Chloroethane		0.99	U	0.33	0.99
Methylene Chloride		0.92	J B	0.15	0.99
Acetone		3.0	J B	1.7	9.9
Carbon disulfide		0.99	U	0.15	0.99
1,1-Dichloroethene		0.99	U	0.19	0.99
1,1-Dichloroethane		0.99	U	0.11	0.99
trans-1,2-Dichloroethene		0.99	U	0.13	0.99
cis-1,2-Dichloroethene		0.99	U	0.11	0.99
Chloroform		0.99	U	0.24	0.99
1,2-Dichloroethane		0.99	U	0.18	0.99
Methyl Ethyl Ketone		9.9	U	0.62	9.9
1,1,1-Trichloroethane		0.99	U	0.13	0.99
Carbon tetrachloride		0.99	U	0.15	0.99
Bromodichloromethane		0.99	U	0.32	0.99
1,2-Dichloropropane		0.99	U	0.15	0.99
cis-1,3-Dichloropropene		0.99	U	0.14	0.99
Trichloroethene		0.99	U	0.12	0.99
Dibromochloromethane		0.99	U	0.099	0.99
1,1,2-Trichloroethane		0.99	U	0.14	0.99
Benzene		0.99	U	0.15	0.99
trans-1,3-Dichloropropene		0.99	U	0.099	0.99
Bromoform		0.99	U	0.17	0.99
methyl isobutyl ketone		9.9	U	0.20	9.9
2-Hexanone		9.9	U	0.13	9.9
Tetrachloroethene		1.9		0.12	0.99
1,1,2,2-Tetrachloroethane		0.99	U	0.089	0.99
Toluene		0.99	U	0.14	0.99
Chlorobenzene		0.99	U	0.18	0.99
Ethylbenzene		0.99	U	0.17	0.99
Styrene		0.99	U	0.28	0.99
Xylenes, Total		3.0	U	0.66	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
Toluene-d8 (Surr)	92		70 - 130
4-Bromofluorobenzene	97		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: CPS- E(15)

Lab Sample ID: 460-43868-2

Date Sampled: 08/21/2012 1045

Client Matrix: Solid

% Moisture: 2.0

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126321	Instrument ID:	VOAMS9
Prep Method:	5035	Prep Batch:	460-125520	Lab File ID:	k04080.d
Dilution:	1.0			Initial Weight/Volume:	5.23 g
Analysis Date:	08/31/2012 1508			Final Weight/Volume:	5 mL
Prep Date:	08/24/2012 2313				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.98	U	0.16	0.98
Bromomethane		0.98	U	0.42	0.98
Vinyl chloride		0.98	U	0.33	0.98
Chloroethane		0.98	U	0.32	0.98
Methylene Chloride		0.45	J B	0.15	0.98
Acetone		13	B	1.6	9.8
Carbon disulfide		0.98	U	0.15	0.98
1,1-Dichloroethene		0.98	U	0.19	0.98
1,1-Dichloroethane		0.98	U	0.11	0.98
trans-1,2-Dichloroethene		0.98	U	0.13	0.98
cis-1,2-Dichloroethene		0.98	U	0.11	0.98
Chloroform		0.98	U	0.23	0.98
1,2-Dichloroethane		0.98	U	0.18	0.98
Methyl Ethyl Ketone		9.8	U	0.61	9.8
1,1,1-Trichloroethane		0.98	U	0.13	0.98
Carbon tetrachloride		0.98	U	0.15	0.98
Bromodichloromethane		0.98	U	0.31	0.98
1,2-Dichloropropane		0.98	U	0.15	0.98
cis-1,3-Dichloropropene		0.98	U	0.14	0.98
Trichloroethene		0.98	U	0.12	0.98
Dibromochloromethane		0.98	U	0.098	0.98
1,1,2-Trichloroethane		0.98	U	0.14	0.98
Benzene		0.98	U	0.15	0.98
trans-1,3-Dichloropropene		0.98	U	0.098	0.98
Bromoform		0.98	U	0.17	0.98
methyl isobutyl ketone		9.8	U	0.20	9.8
2-Hexanone		9.8	U	0.13	9.8
Tetrachloroethene		14		0.12	0.98
1,1,2,2-Tetrachloroethane		0.98	U	0.088	0.98
Toluene		0.98	U	0.14	0.98
Chlorobenzene		0.98	U	0.18	0.98
Ethylbenzene		0.98	U	0.17	0.98
Styrene		0.98	U	0.27	0.98
Xylenes, Total		2.9	U	0.65	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	92		70 - 130
4-Bromofluorobenzene	101		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: CPS- ED(15)

Lab Sample ID: 460-43868-3

Date Sampled: 08/21/2012 1045

Client Matrix: Solid

% Moisture: 2.6

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-126321

Instrument ID: VOAMS9

Prep Method: 5035

Prep Batch: 460-125520

Lab File ID: k04081.d

Dilution: 1.0

Initial Weight/Volume: 5.61 g

Analysis Date: 08/31/2012 1529

Final Weight/Volume: 5 mL

Prep Date: 08/24/2012 2315

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.91	U	0.15	0.91
Bromomethane		0.91	U	0.39	0.91
Vinyl chloride		0.91	U	0.31	0.91
Chloroethane		0.91	U	0.30	0.91
Methylene Chloride		0.50	J B	0.14	0.91
Acetone		17	B	1.5	9.1
Carbon disulfide		0.91	U	0.14	0.91
1,1-Dichloroethene		0.91	U	0.17	0.91
1,1-Dichloroethane		0.91	U	0.10	0.91
trans-1,2-Dichloroethene		0.91	U	0.12	0.91
cis-1,2-Dichloroethene		0.91	U	0.10	0.91
Chloroform		0.91	U	0.22	0.91
1,2-Dichloroethane		0.91	U	0.16	0.91
Methyl Ethyl Ketone		9.1	U	0.58	9.1
1,1,1-Trichloroethane		0.91	U	0.12	0.91
Carbon tetrachloride		0.91	U	0.14	0.91
Bromodichloromethane		0.91	U	0.29	0.91
1,2-Dichloropropane		0.91	U	0.14	0.91
cis-1,3-Dichloropropene		0.91	U	0.13	0.91
Trichloroethene		0.91	U	0.11	0.91
Dibromochloromethane		0.91	U	0.091	0.91
1,1,2-Trichloroethane		0.91	U	0.13	0.91
Benzene		0.91	U	0.14	0.91
trans-1,3-Dichloropropene		0.91	U	0.091	0.91
Bromoform		0.91	U	0.16	0.91
methyl isobutyl ketone		9.1	U	0.18	9.1
2-Hexanone		9.1	U	0.12	9.1
Tetrachloroethene		9.8		0.11	0.91
1,1,2,2-Tetrachloroethane		0.91	U	0.082	0.91
Toluene		0.91	U	0.13	0.91
Chlorobenzene		0.91	U	0.16	0.91
Ethylbenzene		0.91	U	0.16	0.91
Styrene		0.91	U	0.26	0.91
Xylenes, Total		2.7	U	0.61	2.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene	101		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: CPS- N

Lab Sample ID: 460-43868-4

Date Sampled: 08/21/2012 1055

Client Matrix: Solid

% Moisture: 2.6

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-126321

Instrument ID: VOAMS9

Prep Method: 5035

Prep Batch: 460-125520

Lab File ID: k04082.d

Dilution: 1.0

Initial Weight/Volume: 5.56 g

Analysis Date: 08/31/2012 1551

Final Weight/Volume: 5 mL

Prep Date: 08/24/2012 2317

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.92	U	0.15	0.92
Bromomethane		0.92	U	0.40	0.92
Vinyl chloride		0.92	U	0.31	0.92
Chloroethane		0.92	U	0.30	0.92
Methylene Chloride		0.48	J B	0.14	0.92
Acetone		10	B	1.6	9.2
Carbon disulfide		0.92	U	0.14	0.92
1,1-Dichloroethene		0.92	U	0.18	0.92
1,1-Dichloroethane		0.92	U	0.10	0.92
trans-1,2-Dichloroethene		0.92	U	0.12	0.92
cis-1,2-Dichloroethene		0.92	U	0.10	0.92
Chloroform		0.92	U	0.22	0.92
1,2-Dichloroethane		0.92	U	0.17	0.92
Methyl Ethyl Ketone		9.2	U	0.58	9.2
1,1,1-Trichloroethane		0.92	U	0.12	0.92
Carbon tetrachloride		0.92	U	0.14	0.92
Bromodichloromethane		0.92	U	0.30	0.92
1,2-Dichloropropane		0.92	U	0.14	0.92
cis-1,3-Dichloropropene		0.92	U	0.13	0.92
Trichloroethene		0.92	U	0.11	0.92
Dibromochloromethane		0.92	U	0.092	0.92
1,1,2-Trichloroethane		0.92	U	0.13	0.92
Benzene		0.92	U	0.14	0.92
trans-1,3-Dichloropropene		0.92	U	0.092	0.92
Bromoform		0.92	U	0.16	0.92
methyl isobutyl ketone		9.2	U	0.18	9.2
2-Hexanone		9.2	U	0.12	9.2
Tetrachloroethene		4.0		0.11	0.92
1,1,2,2-Tetrachloroethane		0.92	U	0.083	0.92
Toluene		0.92	U	0.13	0.92
Chlorobenzene		0.92	U	0.17	0.92
Ethylbenzene		0.92	U	0.16	0.92
Styrene		0.92	U	0.26	0.92
Xylenes, Total		2.8	U	0.62	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene	103		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: CPS- S

Lab Sample ID: 460-43868-5

Date Sampled: 08/21/2012 1105

Client Matrix: Solid

% Moisture: 4.8

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126321	Instrument ID:	VOAMS9
Prep Method:	5035	Prep Batch:	460-125520	Lab File ID:	k04083.d
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Analysis Date:	08/31/2012 1613			Final Weight/Volume:	5 mL
Prep Date:	08/24/2012 2320				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.0	U	0.17	1.0
Bromomethane		1.0	U	0.45	1.0
Vinyl chloride		1.0	U	0.35	1.0
Chloroethane		1.0	U	0.34	1.0
Methylene Chloride		0.71	J B	0.16	1.0
Acetone		13	B	1.8	10
Carbon disulfide		1.0	U	0.16	1.0
1,1-Dichloroethene		1.0	U	0.20	1.0
1,1-Dichloroethane		1.0	U	0.11	1.0
trans-1,2-Dichloroethene		1.0	U	0.14	1.0
cis-1,2-Dichloroethene		1.0	U	0.11	1.0
Chloroform		1.0	U	0.25	1.0
1,2-Dichloroethane		1.0	U	0.19	1.0
Methyl Ethyl Ketone		10	U	0.66	10
1,1,1-Trichloroethane		1.0	U	0.14	1.0
Carbon tetrachloride		1.0	U	0.16	1.0
Bromodichloromethane		1.0	U	0.33	1.0
1,2-Dichloropropane		1.0	U	0.16	1.0
cis-1,3-Dichloropropene		1.0	U	0.15	1.0
Trichloroethene		1.0	U	0.13	1.0
Dibromochloromethane		1.0	U	0.10	1.0
1,1,2-Trichloroethane		1.0	U	0.15	1.0
Benzene		1.0	U	0.16	1.0
trans-1,3-Dichloropropene		1.0	U	0.10	1.0
Bromoform		1.0	U	0.18	1.0
methyl isobutyl ketone		10	U	0.21	10
2-Hexanone		10	U	0.14	10
Tetrachloroethene		5.9		0.13	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.094	1.0
Toluene		1.0	U	0.15	1.0
Chlorobenzene		1.0	U	0.19	1.0
Ethylbenzene		1.0	U	0.18	1.0
Styrene		1.0	U	0.29	1.0
Xylenes, Total		3.1	U	0.70	3.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	92		70 - 130
4-Bromofluorobenzene	100		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: CPS- W

Lab Sample ID: 460-43868-6

Date Sampled: 08/21/2012 1110

Client Matrix: Solid

% Moisture: 2.5

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-126321	Instrument ID:	VOAMS9
Prep Method:	5035	Prep Batch:	460-125520	Lab File ID:	k04084.d
Dilution:	1.0			Initial Weight/Volume:	5.36 g
Analysis Date:	08/31/2012 1634			Final Weight/Volume:	5 mL
Prep Date:	08/24/2012 2322				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.96	U	0.15	0.96
Bromomethane		0.96	U	0.41	0.96
Vinyl chloride		0.96	U	0.33	0.96
Chloroethane		0.96	U	0.32	0.96
Methylene Chloride		0.46	J B	0.14	0.96
Acetone		6.2	J B	1.6	9.6
Carbon disulfide		0.96	U	0.14	0.96
1,1-Dichloroethene		0.96	U	0.18	0.96
1,1-Dichloroethane		0.96	U	0.11	0.96
trans-1,2-Dichloroethene		0.96	U	0.12	0.96
cis-1,2-Dichloroethene		0.96	U	0.11	0.96
Chloroform		0.96	U	0.23	0.96
1,2-Dichloroethane		0.96	U	0.17	0.96
Methyl Ethyl Ketone		9.6	U	0.60	9.6
1,1,1-Trichloroethane		0.96	U	0.12	0.96
Carbon tetrachloride		0.96	U	0.14	0.96
Bromodichloromethane		0.96	U	0.31	0.96
1,2-Dichloropropane		0.96	U	0.14	0.96
cis-1,3-Dichloropropene		0.96	U	0.13	0.96
Trichloroethene		0.96	U	0.11	0.96
Dibromochloromethane		0.96	U	0.096	0.96
1,1,2-Trichloroethane		0.96	U	0.13	0.96
Benzene		0.96	U	0.14	0.96
trans-1,3-Dichloropropene		0.96	U	0.096	0.96
Bromoform		0.96	U	0.16	0.96
methyl isobutyl ketone		9.6	U	0.19	9.6
2-Hexanone		9.6	U	0.12	9.6
Tetrachloroethene		10		0.11	0.96
1,1,2,2-Tetrachloroethane		0.96	U	0.086	0.96
Toluene		0.96	U	0.13	0.96
Chlorobenzene		0.96	U	0.17	0.96
Ethylbenzene		0.96	U	0.16	0.96
Styrene		0.96	U	0.27	0.96
Xylenes, Total		2.9	U	0.64	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene	100		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: CPS- B

Lab Sample ID: 460-43868-7

Date Sampled: 08/21/2012 1115

Client Matrix: Solid

% Moisture: 3.1

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-126458

Instrument ID: VOAMS9

Prep Method: 5035

Prep Batch: 460-125520

Lab File ID: k04102.d

Dilution: 1.0

Initial Weight/Volume: 5.48 g

Analysis Date: 09/04/2012 0919

Final Weight/Volume: 5 mL

Prep Date: 08/24/2012 2325

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.94	U	0.15	0.94
Bromomethane		0.94	U	0.40	0.94
Vinyl chloride		0.94	U	0.32	0.94
Chloroethane		0.94	U	0.31	0.94
Methylene Chloride		0.57	J B	0.14	0.94
Acetone		4.4	J B	1.6	9.4
Carbon disulfide		0.94	U	0.14	0.94
1,1-Dichloroethene		0.94	U	0.18	0.94
1,1-Dichloroethane		0.94	U	0.10	0.94
trans-1,2-Dichloroethene		0.94	U	0.12	0.94
cis-1,2-Dichloroethene		0.94	U	0.10	0.94
Chloroform		0.94	U	0.23	0.94
1,2-Dichloroethane		0.94	U	0.17	0.94
Methyl Ethyl Ketone		9.4	U	0.59	9.4
1,1,1-Trichloroethane		0.94	U	0.12	0.94
Carbon tetrachloride		0.94	U *	0.14	0.94
Bromodichloromethane		0.94	U	0.30	0.94
1,2-Dichloropropane		0.94	U	0.14	0.94
cis-1,3-Dichloropropene		0.94	U	0.13	0.94
Trichloroethene		0.94	U	0.11	0.94
Dibromochloromethane		0.94	U	0.094	0.94
1,1,2-Trichloroethane		0.94	U	0.13	0.94
Benzene		0.94	U	0.14	0.94
trans-1,3-Dichloropropene		0.94	U	0.094	0.94
Bromoform		0.94	U	0.16	0.94
methyl isobutyl ketone		9.4	U	0.19	9.4
2-Hexanone		9.4	U	0.12	9.4
Tetrachloroethene		2.4		0.11	0.94
1,1,2,2-Tetrachloroethane		0.94	U	0.085	0.94
Toluene		0.94	U	0.13	0.94
Chlorobenzene		0.94	U	0.17	0.94
Ethylbenzene		0.94	U	0.16	0.94
Styrene		0.94	U	0.26	0.94
Xylenes, Total		2.8	U	0.63	2.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene	101		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: FB0821

Lab Sample ID: 460-43868-8

Client Matrix: Water

Date Sampled: 08/21/2012 1130

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-125772	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c70496.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/28/2012 0451			Final Weight/Volume:	5 mL
Prep Date:	08/28/2012 0451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U *	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
Methyl Ethyl Ketone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
methyl isobutyl ketone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	0.23	J	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene	108		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

Client Sample ID: TB0821

Lab Sample ID: 460-43868-9

Client Matrix: Water

Date Sampled: 08/21/2012 0900

Date Received: 08/23/2012 1750

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-125772	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c70497.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/28/2012 0514			Final Weight/Volume:	5 mL
Prep Date:	08/28/2012 0514				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U *	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
Methyl Ethyl Ketone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
methyl isobutyl ketone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 130
Toluene-d8 (Surr)	109		70 - 130
4-Bromofluorobenzene	107		70 - 130

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

General Chemistry**Client Sample ID:** CPN- (11)

Lab Sample ID: 460-43868-1

Date Sampled: 08/21/2012 0930

Client Matrix: Solid

Date Received: 08/23/2012 1750

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N
Percent Solids	96.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

General Chemistry**Client Sample ID:** CPS- E(15)

Lab Sample ID: 460-43868-2

Date Sampled: 08/21/2012 1045

Client Matrix: Solid

Date Received: 08/23/2012 1750

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	2.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N
Percent Solids	98.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N

Client: FPM Group Limited

Job Number: 460-43868-1

General Chemistry

Client Sample ID: CPS- ED(15)

Lab Sample ID: 460-43868-3

Client Matrix: Solid

Date Sampled: 08/21/2012 1045

Date Received: 08/23/2012 1750

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	2.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N
Percent Solids	97.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

General Chemistry**Client Sample ID:** CPS- N

Lab Sample ID: 460-43868-4

Date Sampled: 08/21/2012 1055

Client Matrix: Solid

Date Received: 08/23/2012 1750

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	2.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N
Percent Solids	97.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

General Chemistry**Client Sample ID:** CPS- S

Lab Sample ID: 460-43868-5

Date Sampled: 08/21/2012 1105

Client Matrix: Solid

Date Received: 08/23/2012 1750

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N
Percent Solids	95.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N

Client: FPM Group Limited

Job Number: 460-43868-1

General Chemistry**Client Sample ID:** CPS- W

Lab Sample ID: 460-43868-6

Date Sampled: 08/21/2012 1110

Client Matrix: Solid

Date Received: 08/23/2012 1750

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	2.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N
Percent Solids	97.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N

Analytical Data

Client: FPM Group Limited

Job Number: 460-43868-1

General Chemistry**Client Sample ID: CPS- B**

Lab Sample ID: 460-43868-7

Date Sampled: 08/21/2012 1115

Client Matrix: Solid

Date Received: 08/23/2012 1750

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N
Percent Solids	96.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-125606	Analysis Date: 08/26/2012 1817					DryWt Corrected: N

Client: FPM Group Limited

Job Number: 460-43868-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-43868-1	CPN- (11)	100	92	97
460-43868-2	CPS- E(15)	97	92	101
460-43868-3	CPS- ED(15)	98	94	101
460-43868-4	CPS- N	99	94	103
460-43868-5	CPS- S	98	92	100
460-43868-6	CPS- W	99	94	100
460-43868-7	CPS- B	97	93	101
MB 460-126321/5		92	92	99
MB 460-126458/5		96	93	101
LB3 460-125520/1-A		95	93	99
LCS 460-126321/3		89	91	95
LCS 460-126458/3		94	94	100
LCSD 460-126458/4		95	95	100
460-43868-1 MS	CPN- (11) MS	93	94	99
460-43868-1 MSD	CPN- (11) MSD	94	93	99

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Client: FPM Group Limited

Job Number: 460-43868-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-43868-8	FB0821	123	110	108
460-43868-9	TB0821	123	109	107
MB 460-125772/4		118	111	106
LCS 460-125772/3		114	111	107

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-125520

Method: 8260B

Preparation: 5035

Lab Sample ID: LB3 460-125520/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 08/31/2012 1403
 Prep Date: 08/24/2012 2305
 Leach Date: N/A

Analysis Batch: 460-126321
 Prep Batch: 460-125520
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VOAMS9
 Lab File ID: k04077.d
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.16	1.0
Bromomethane	1.0	U	0.43	1.0
Vinyl chloride	1.0	U	0.34	1.0
Chloroethane	1.0	U	0.33	1.0
Methylene Chloride	0.423	J	0.15	1.0
Acetone	2.64	J	1.7	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Dibromochloromethane	1.0	U	0.10	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Benzene	1.0	U	0.15	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
Bromoform	1.0	U	0.17	1.0
methyl isobutyl ketone	10	U	0.20	10
2-Hexanone	10	U	0.13	10
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
Styrene	1.0	U	0.28	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 130
Toluene-d8 (Surr)	93	70 - 130
4-Bromofluorobenzene	99	70 - 130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-125520**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-43868-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1259
Prep Date: 08/24/2012 2308
Leach Date: N/A

Analysis Batch: 460-126321
Prep Batch: 460-125520
Leach Batch: N/A

Instrument ID: VOAMS9
Lab File ID: k04074.d
Initial Weight/Volume: 5.07 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43868-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1320
Prep Date: 08/24/2012 2310
Leach Date: N/A

Analysis Batch: 460-126321
Prep Batch: 460-125520
Leach Batch: N/A

Instrument ID: VOAMS9
Lab File ID: k04075.d
Initial Weight/Volume: 5.07 g
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	68	76	50 - 151	11	30		
Bromomethane	106	117	54 - 142	10	30		
Vinyl chloride	60	67	67 - 133	11	30	*	
Chloroethane	83	92	56 - 146	10	30		
Methylene Chloride	95	97	74 - 137	2	30		
Acetone	65	98	27 - 164	34	30		*
Carbon disulfide	73	74	72 - 128	1	30		
1,1-Dichloroethene	85	88	71 - 126	3	30		
1,1-Dichloroethane	81	81	76 - 125	1	30		
trans-1,2-Dichloroethene	81	78	75 - 122	3	30		
cis-1,2-Dichloroethene	79	81	80 - 120	3	30	*	
Chloroform	81	84	77 - 120	4	30		
1,2-Dichloroethane	77	83	76 - 118	7	30		
Methyl Ethyl Ketone	55	85	77 - 117	43	30	*	*
1,1,1-Trichloroethane	80	79	78 - 117	1	30		
Carbon tetrachloride	77	76	79 - 118	0	30	*	*
Bromodichloromethane	79	85	79 - 119	8	30		
1,2-Dichloropropane	79	82	82 - 122	4	30	*	
cis-1,3-Dichloropropene	76	77	80 - 123	1	30	*	*
Trichloroethene	75	79	79 - 119	4	30	*	
Dibromochloromethane	78	82	68 - 120	4	30		
1,1,2-Trichloroethane	78	80	73 - 118	2	30		
Benzene	78	79	77 - 117	2	30		
trans-1,3-Dichloropropene	78	80	67 - 121	3	30		
Bromoform	75	76	59 - 125	3	30		
methyl isobutyl ketone	72	79	68 - 120	10	30		
2-Hexanone	89	93	70 - 122	4	30		
Tetrachloroethene	81	83	80 - 120	2	30		
1,1,2,2-Tetrachloroethane	79	83	79 - 122	5	30		
Toluene	76	77	75 - 115	0	30		
Chlorobenzene	77	77	80 - 120	1	30	*	*
Ethylbenzene	70	74	81 - 121	6	30	*	*
Styrene	72	72	82 - 122	1	30	*	*

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-125520**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-43868-1	Analysis Batch: 460-126321	Instrument ID: VOAMS9
Client Matrix: Solid	Prep Batch: 460-125520	Lab File ID: k04074.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5.07 g
Analysis Date: 08/31/2012 1259		Final Weight/Volume: 5 mL
Prep Date: 08/24/2012 2308		
Leach Date: N/A		

MSD Lab Sample ID: 460-43868-1	Analysis Batch: 460-126321	Instrument ID: VOAMS9
Client Matrix: Solid	Prep Batch: 460-125520	Lab File ID: k04075.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5.07 g
Analysis Date: 08/31/2012 1320		Final Weight/Volume: 5 mL
Prep Date: 08/24/2012 2310		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Xylenes, Total	72	74	82 - 122	3	30	*	*
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	93		94	70 - 130			
Toluene-d8 (Surr)	94		93	70 - 130			
4-Bromofluorobenzene	99		99	70 - 130			

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-125520**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-43868-1 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1259
Prep Date: 08/24/2012 2308
Leach Date: N/A

MSD Lab Sample ID: 460-43868-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1320
Prep Date: 08/24/2012 2310
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Chloromethane	0.99	U	20.5	20.5	14.0	15.6	
Bromomethane	0.99	U	20.5	20.5	21.8	24.1	
Vinyl chloride	0.99	U	20.5	20.5	12.4	13.8	*
Chloroethane	0.99	U	20.5	20.5	17.0	18.8	
Methylene Chloride	0.92	J	20.5	20.5	20.3	20.8	
Acetone	3.0	J	20.5	20.5	16.3	23.1	*
Carbon disulfide	0.99	U	20.5	20.5	15.0	15.1	
1,1-Dichloroethene	0.99	U	20.5	20.5	17.4	18.0	
1,1-Dichloroethane	0.99	U	20.5	20.5	16.5	16.7	
trans-1,2-Dichloroethene	0.99	U	20.5	20.5	16.5	16.1	
cis-1,2-Dichloroethene	0.99	U	20.5	20.5	16.2	16.6	*
Chloroform	0.99	U	20.5	20.5	16.6	17.2	
1,2-Dichloroethane	0.99	U	20.5	20.5	15.8	17.0	
Methyl Ethyl Ketone	9.9	U	20.5	20.5	11.2	17.4	*
1,1,1-Trichloroethane	0.99	U	20.5	20.5	16.4	16.3	
Carbon tetrachloride	0.99	U	20.5	20.5	15.7	15.6	*
Bromodichloromethane	0.99	U	20.5	20.5	16.1	17.4	
1,2-Dichloropropane	0.99	U	20.5	20.5	16.2	16.9	*
cis-1,3-Dichloropropene	0.99	U	20.5	20.5	15.7	15.8	*
Trichloroethene	0.99	U	20.5	20.5	15.5	16.2	*
Dibromochloromethane	0.99	U	20.5	20.5	16.1	16.8	
1,1,2-Trichloroethane	0.99	U	20.5	20.5	16.1	16.4	
Benzene	0.99	U	20.5	20.5	15.9	16.2	
trans-1,3-Dichloropropene	0.99	U	20.5	20.5	16.0	16.4	
Bromoform	0.99	U	20.5	20.5	15.3	15.7	
methyl isobutyl ketone	9.9	U	20.5	20.5	14.7	16.2	
2-Hexanone	9.9	U	20.5	20.5	18.2	19.1	
Tetrachloroethene	1.9		20.5	20.5	18.5	18.9	
1,1,2,2-Tetrachloroethane	0.99	U	20.5	20.5	16.3	17.1	
Toluene	0.99	U	20.5	20.5	15.7	15.7	
Chlorobenzene	0.99	U	20.5	20.5	15.7	15.8	*
Ethylbenzene	0.99	U	20.5	20.5	14.4	15.3	*
Styrene	0.99	U	20.5	20.5	14.7	14.9	*
Xylenes, Total	3.0	U	61.5	61.5	44.2	45.4	*

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Method Blank - Batch: 460-125772

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-125772/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/28/2012 0146
Prep Date: 08/28/2012 0146
Leach Date: N/A

Analysis Batch: 460-125772
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS3
Lab File ID: c70488.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
Methyl Ethyl Ketone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
methyl isobutyl ketone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	70 - 130
Toluene-d8 (Surr)	111	70 - 130
4-Bromofluorobenzene	106	70 - 130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Lab Control Sample - Batch: 460-125772

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-125772/3
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/28/2012 0031
 Prep Date: 08/28/2012 0031
 Leach Date: N/A

Analysis Batch: 460-125772
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS3
 Lab File ID: c70485.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	14.5	73	58 - 146	
Bromomethane	20.0	16.8	84	55 - 153	
Vinyl chloride	20.0	16.0	80	61 - 144	
Chloroethane	20.0	17.2	86	69 - 145	
Methylene Chloride	20.0	20.4	102	79 - 119	
Acetone	20.0	28.4	142	45 - 156	
Carbon disulfide	20.0	32.1	160	58 - 139	*
1,1-Dichloroethene	20.0	23.1	116	56 - 139	
1,1-Dichloroethane	20.0	17.9	89	78 - 122	
trans-1,2-Dichloroethene	20.0	20.6	103	75 - 122	
cis-1,2-Dichloroethene	20.0	18.9	95	80 - 120	
Chloroform	20.0	18.3	92	82 - 123	
1,2-Dichloroethane	20.0	18.3	91	74 - 118	
Methyl Ethyl Ketone	20.0	20.6	103	65 - 114	
1,1,1-Trichloroethane	20.0	19.2	96	74 - 128	
Carbon tetrachloride	20.0	20.0	100	73 - 120	
Bromodichloromethane	20.0	18.2	91	79 - 119	
1,2-Dichloropropane	20.0	17.3	86	80 - 120	
cis-1,3-Dichloropropene	20.0	17.9	89	80 - 120	
Trichloroethene	20.0	18.3	92	78 - 119	
Dibromochloromethane	20.0	18.9	94	80 - 120	
1,1,2-Trichloroethane	20.0	17.4	87	79 - 119	
Benzene	20.0	19.2	96	83 - 124	
trans-1,3-Dichloropropene	20.0	17.3	86	78 - 118	
Bromoform	20.0	18.7	94	73 - 123	
methyl isobutyl ketone	20.0	15.3	76	53 - 120	
2-Hexanone	20.0	18.0	90	53 - 121	
Tetrachloroethene	20.0	20.0	100	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	74 - 126	
Toluene	20.0	18.7	94	80 - 120	
Chlorobenzene	20.0	18.3	91	81 - 121	
Ethylbenzene	20.0	18.6	93	79 - 126	
Styrene	20.0	18.1	91	69 - 112	
Xylenes, Total	60.0	55.7	93	76 - 121	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		
Toluene-d8 (Surr)	111		70 - 130		
4-Bromofluorobenzene	107		70 - 130		

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Method Blank - Batch: 460-126321

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-126321/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1207
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-126321
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS9
Lab File ID: k04072.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.16	1.0
Bromomethane	1.0	U	0.43	1.0
Vinyl chloride	1.0	U	0.34	1.0
Chloroethane	1.0	U	0.33	1.0
Methylene Chloride	0.461	J	0.15	1.0
Acetone	2.71	J	1.7	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Dibromochloromethane	1.0	U	0.10	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Benzene	1.0	U	0.15	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
Bromoform	1.0	U	0.17	1.0
methyl isobutyl ketone	10	U	0.20	10
2-Hexanone	10	U	0.13	10
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
Styrene	1.0	U	0.28	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 130
Toluene-d8 (Surr)	92	70 - 130
4-Bromofluorobenzene	99	70 - 130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Lab Control Sample - Batch: 460-126321

Method: 8260B

Preparation: N/A

Lab Sample ID: LCS 460-126321/3
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 08/31/2012 1002
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-126321
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VOAMS9
 Lab File ID: k04067.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	15.5	78	50 - 151	
Bromomethane	20.0	23.0	115	54 - 142	
Vinyl chloride	20.0	14.0	70	67 - 133	
Chloroethane	20.0	18.1	90	56 - 146	
Methylene Chloride	20.0	19.9	99	74 - 137	
Acetone	20.0	16.3	82	27 - 164	
Carbon disulfide	20.0	15.6	78	72 - 128	
1,1-Dichloroethene	20.0	18.0	90	71 - 126	
1,1-Dichloroethane	20.0	16.8	84	76 - 125	
trans-1,2-Dichloroethene	20.0	16.6	83	75 - 122	
cis-1,2-Dichloroethene	20.0	16.9	85	80 - 120	
Chloroform	20.0	17.4	87	77 - 120	
1,2-Dichloroethane	20.0	17.1	85	76 - 118	
Methyl Ethyl Ketone	20.0	21.5	108	77 - 117	
1,1,1-Trichloroethane	20.0	17.0	85	78 - 117	
Carbon tetrachloride	20.0	16.7	84	79 - 118	
Bromodichloromethane	20.0	17.3	87	79 - 119	
1,2-Dichloropropane	20.0	17.1	86	82 - 122	
cis-1,3-Dichloropropene	20.0	16.3	81	80 - 123	
Trichloroethene	20.0	16.6	83	79 - 119	
Dibromochloromethane	20.0	18.1	90	68 - 120	
1,1,2-Trichloroethane	20.0	17.3	87	73 - 118	
Benzene	20.0	16.7	84	77 - 117	
trans-1,3-Dichloropropene	20.0	17.7	89	67 - 121	
Bromoform	20.0	18.1	90	59 - 125	
methyl isobutyl ketone	20.0	17.3	87	68 - 120	
2-Hexanone	20.0	19.2	96	70 - 122	
Tetrachloroethene	20.0	17.6	88	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	79 - 122	
Toluene	20.0	16.8	84	75 - 115	
Chlorobenzene	20.0	17.8	89	80 - 120	
Ethylbenzene	20.0	17.0	85	81 - 121	
Styrene	20.0	17.3	87	82 - 122	
Xylenes, Total	60.0	52.0	87	82 - 122	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	89		70 - 130		
Toluene-d8 (Surr)	91		70 - 130		
4-Bromofluorobenzene	95		70 - 130		

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Method Blank - Batch: 460-126458

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-126458/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/04/2012 0823
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-126458
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS9
Lab File ID: k04100.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.16	1.0
Bromomethane	1.0	U	0.43	1.0
Vinyl chloride	1.0	U	0.34	1.0
Chloroethane	1.0	U	0.33	1.0
Methylene Chloride	0.835	J	0.15	1.0
Acetone	10	U	1.7	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Dibromochloromethane	1.0	U	0.10	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Benzene	1.0	U	0.15	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
Bromoform	1.0	U	0.17	1.0
methyl isobutyl ketone	10	U	0.20	10
2-Hexanone	10	U	0.13	10
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
Styrene	1.0	U	0.28	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
Toluene-d8 (Surr)	93	70 - 130
4-Bromofluorobenzene	101	70 - 130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-126458

Method: 8260B

Preparation: N/A

LCS Lab Sample ID:	LCS 460-126458/3	Analysis Batch:	460-126458	Instrument ID:	VOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	k04096.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/04/2012 0614	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-126458/4	Analysis Batch:	460-126458	Instrument ID:	VOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	k04097.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/04/2012 0636	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	95	102	50 - 151	7	30		
Bromomethane	121	142	54 - 142	16	30		
Vinyl chloride	79	90	67 - 133	13	30		
Chloroethane	98	115	56 - 146	16	30		
Methylene Chloride	106	112	74 - 137	6	30		
Acetone	90	87	27 - 164	4	30		
Carbon disulfide	102	98	72 - 128	4	30		
1,1-Dichloroethene	94	97	71 - 126	3	30		
1,1-Dichloroethane	90	92	76 - 125	2	30		
trans-1,2-Dichloroethene	92	94	75 - 122	2	30		
cis-1,2-Dichloroethene	87	93	80 - 120	7	30		
Chloroform	88	95	77 - 120	8	30		
1,2-Dichloroethane	88	90	76 - 118	2	30		
Methyl Ethyl Ketone	108	114	77 - 117	5	30		
1,1,1-Trichloroethane	83	88	78 - 117	5	30		
Carbon tetrachloride	72	75	79 - 118	5	30	*	*
Bromodichloromethane	80	86	79 - 119	8	30		
1,2-Dichloropropane	88	91	82 - 122	4	30		
cis-1,3-Dichloropropene	82	88	80 - 123	6	30		
Trichloroethene	88	94	79 - 119	7	30		
Dibromochloromethane	72	77	68 - 120	6	30		
1,1,2-Trichloroethane	90	91	73 - 118	2	30		
Benzene	89	92	77 - 117	4	30		
trans-1,3-Dichloropropene	80	87	67 - 121	7	30		
Bromoform	67	72	59 - 125	6	30		
methyl isobutyl ketone	93	91	68 - 120	2	30		
2-Hexanone	101	119	70 - 122	17	30		
Tetrachloroethene	93	99	80 - 120	7	30		
1,1,2,2-Tetrachloroethane	93	95	79 - 122	2	30		
Toluene	87	91	75 - 115	5	30		
Chlorobenzene	90	96	80 - 120	6	30		
Ethylbenzene	89	95	81 - 121	7	30		
Styrene	89	95	82 - 122	6	30		
Xylenes, Total	90	97	82 - 122	7	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	95	70 - 130
Toluene-d8 (Surr)	94	95	70 - 130
4-Bromofluorobenzene	100	100	70 - 130

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-126458

Method: 8260B

Preparation: N/A

LCS Lab Sample ID:	LCS 460-126458/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-126458/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/04/2012 0614			Analysis Date:	09/04/2012 0636
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	19.1	20.4
Bromomethane	20.0	20.0	24.3	28.4
Vinyl chloride	20.0	20.0	15.9	18.0
Chloroethane	20.0	20.0	19.6	23.0
Methylene Chloride	20.0	20.0	21.2	22.5
Acetone	20.0	20.0	18.1	17.4
Carbon disulfide	20.0	20.0	20.4	19.6
1,1-Dichloroethene	20.0	20.0	18.7	19.4
1,1-Dichloroethane	20.0	20.0	18.0	18.4
trans-1,2-Dichloroethene	20.0	20.0	18.5	18.9
cis-1,2-Dichloroethene	20.0	20.0	17.4	18.7
Chloroform	20.0	20.0	17.5	19.0
1,2-Dichloroethane	20.0	20.0	17.5	18.0
Methyl Ethyl Ketone	20.0	20.0	21.6	22.8
1,1,1-Trichloroethane	20.0	20.0	16.7	17.5
Carbon tetrachloride	20.0	20.0	14.3	15.1
Bromodichloromethane	20.0	20.0	15.9	17.3
1,2-Dichloropropane	20.0	20.0	17.6	18.3
cis-1,3-Dichloropropene	20.0	20.0	16.5	17.6
Trichloroethene	20.0	20.0	17.6	18.9
Dibromochloromethane	20.0	20.0	14.4	15.4
1,1,2-Trichloroethane	20.0	20.0	17.9	18.3
Benzene	20.0	20.0	17.8	18.5
trans-1,3-Dichloropropene	20.0	20.0	16.1	17.3
Bromoform	20.0	20.0	13.4	14.3
methyl isobutyl ketone	20.0	20.0	18.6	18.2
2-Hexanone	20.0	20.0	20.1	23.8
Tetrachloroethene	20.0	20.0	18.5	19.9
1,1,2,2-Tetrachloroethane	20.0	20.0	18.6	19.1
Toluene	20.0	20.0	17.3	18.3
Chlorobenzene	20.0	20.0	18.1	19.2
Ethylbenzene	20.0	20.0	17.7	19.1
Styrene	20.0	20.0	17.9	19.0
Xylenes, Total	60.0	60.0	54.2	58.1

DATA REPORTING QUALIFIERS

Client: FPM Group Limited

Job Number: 460-43868-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Analyzed for but not detected.
	*	Duplicate RPD exceeds control limits
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-125520					
LB3 460-125520/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-43868-1	CPN- (11)	T	Solid	5035	
460-43868-1MS	Matrix Spike	T	Solid	5035	
460-43868-1MSD	Matrix Spike Duplicate	T	Solid	5035	
460-43868-2	CPS- E(15)	T	Solid	5035	
460-43868-3	CPS- ED(15)	T	Solid	5035	
460-43868-4	CPS- N	T	Solid	5035	
460-43868-5	CPS- S	T	Solid	5035	
460-43868-6	CPS- W	T	Solid	5035	
460-43868-7	CPS- B	T	Solid	5035	
Analysis Batch:460-125772					
LCS 460-125772/3	Lab Control Sample	T	Water	8260B	
MB 460-125772/4	Method Blank	T	Water	8260B	
460-43868-8	FB0821	T	Water	8260B	
460-43868-9	TB0821	T	Water	8260B	
Analysis Batch:460-126321					
LCS 460-126321/3	Lab Control Sample	T	Solid	8260B	
MB 460-126321/5	Method Blank	T	Solid	8260B	
LB3 460-125520/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-125520
460-43868-1	CPN- (11)	T	Solid	8260B	460-125520
460-43868-1MS	Matrix Spike	T	Solid	8260B	460-125520
460-43868-1MSD	Matrix Spike Duplicate	T	Solid	8260B	460-125520
460-43868-2	CPS- E(15)	T	Solid	8260B	460-125520
460-43868-3	CPS- ED(15)	T	Solid	8260B	460-125520
460-43868-4	CPS- N	T	Solid	8260B	460-125520
460-43868-5	CPS- S	T	Solid	8260B	460-125520
460-43868-6	CPS- W	T	Solid	8260B	460-125520
Analysis Batch:460-126458					
LCS 460-126458/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-126458/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-126458/5	Method Blank	T	Solid	8260B	
460-43868-7	CPS- B	T	Solid	8260B	460-125520

Report Basis

T = Total

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-125606					
460-43868-1	CPN- (11)	T	Solid	Moisture	
460-43868-1MS	Matrix Spike	T	Solid	Moisture	
460-43868-1MSD	Matrix Spike Duplicate	T	Solid	Moisture	
460-43868-2	CPS- E(15)	T	Solid	Moisture	
460-43868-3	CPS- ED(15)	T	Solid	Moisture	
460-43868-4	CPS- N	T	Solid	Moisture	
460-43868-5	CPS- S	T	Solid	Moisture	
460-43868-6	CPS- W	T	Solid	Moisture	
460-43868-7	CPS- B	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Laboratory Chronicle

Lab ID: 460-43868-1

Client ID: CPN- (11)

Sample Date/Time: 08/21/2012 09:30

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-1-D		460-126321	460-125520	08/24/2012 23:06	1	TAL EDI	FJ
A:8260B	460-43868-A-1-D		460-126321	460-125520	08/31/2012 12:37	1	TAL EDI	SD
A:Moisture	460-43868-A-1		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Lab ID: 460-43868-1

Client ID: CPN- (11)

Sample Date/Time: 08/21/2012 09:30

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-1-F MS		460-126321	460-125520	08/24/2012 23:08	1	TAL EDI	FJ
A:8260B	460-43868-A-1-F MS		460-126321	460-125520	08/31/2012 12:59	1	TAL EDI	SD
A:Moisture	460-43868-A-1 MS		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Lab ID: 460-43868-1

Client ID: CPN- (11)

Sample Date/Time: 08/21/2012 09:30

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-1-H MSD		460-126321	460-125520	08/24/2012 23:10	1	TAL EDI	FJ
A:8260B	460-43868-A-1-H MSD		460-126321	460-125520	08/31/2012 13:20	1	TAL EDI	SD
A:Moisture	460-43868-A-1 MSD		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Lab ID: 460-43868-2

Client ID: CPS- E(15)

Sample Date/Time: 08/21/2012 10:45

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-2-B		460-126321	460-125520	08/24/2012 23:13	1	TAL EDI	FJ
A:8260B	460-43868-A-2-B		460-126321	460-125520	08/31/2012 15:08	1	TAL EDI	SD
A:Moisture	460-43868-A-2		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Lab ID: 460-43868-3

Client ID: CPS- ED(15)

Sample Date/Time: 08/21/2012 10:45

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-3-B		460-126321	460-125520	08/24/2012 23:15	1	TAL EDI	FJ
A:8260B	460-43868-A-3-B		460-126321	460-125520	08/31/2012 15:29	1	TAL EDI	SD
A:Moisture	460-43868-A-3		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Laboratory Chronicle

Lab ID: 460-43868-4

Client ID: CPS- N

Sample Date/Time: 08/21/2012 10:55

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-4-B		460-126321	460-125520	08/24/2012 23:17	1	TAL EDI	FJ
A:8260B	460-43868-A-4-B		460-126321	460-125520	08/31/2012 15:51	1	TAL EDI	SD
A:Moisture	460-43868-A-4		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Lab ID: 460-43868-5

Client ID: CPS- S

Sample Date/Time: 08/21/2012 11:05

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-5-B		460-126321	460-125520	08/24/2012 23:20	1	TAL EDI	FJ
A:8260B	460-43868-A-5-B		460-126321	460-125520	08/31/2012 16:13	1	TAL EDI	SD
A:Moisture	460-43868-A-5		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Lab ID: 460-43868-6

Client ID: CPS- W

Sample Date/Time: 08/21/2012 11:10

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-6-B		460-126321	460-125520	08/24/2012 23:22	1	TAL EDI	FJ
A:8260B	460-43868-A-6-B		460-126321	460-125520	08/31/2012 16:34	1	TAL EDI	SD
A:Moisture	460-43868-A-6		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Lab ID: 460-43868-7

Client ID: CPS- B

Sample Date/Time: 08/21/2012 11:15

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-43868-A-7-C		460-126458	460-125520	08/24/2012 23:25	1	TAL EDI	FJ
A:8260B	460-43868-A-7-C		460-126458	460-125520	09/04/2012 09:19	1	TAL EDI	SD
A:Moisture	460-43868-A-7		460-125606		08/26/2012 18:17	1	TAL EDI	VD

Lab ID: 460-43868-8

Client ID: FB0821

Sample Date/Time: 08/21/2012 11:30

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43868-A-8		460-125772		08/28/2012 04:51	1	TAL EDI	KB
A:8260B	460-43868-A-8		460-125772		08/28/2012 04:51	1	TAL EDI	KB

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Laboratory Chronicle

Lab ID: 460-43868-9

Client ID: TB0821

Sample Date/Time: 08/21/2012 09:00

Received Date/Time: 08/23/2012 17:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43868-A-9		460-125772		08/28/2012 05:14	1	TAL EDI	KB
A:8260B	460-43868-A-9		460-125772		08/28/2012 05:14	1	TAL EDI	KB

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-125772/4		460-125772		08/28/2012 01:46	1	TAL EDI	KB
A:8260B	MB 460-125772/4		460-125772		08/28/2012 01:46	1	TAL EDI	KB
A:8260B	MB 460-126321/5		460-126321		08/31/2012 12:07	1	TAL EDI	SD
A:8260B	MB 460-126458/5		460-126458		09/04/2012 08:23	1	TAL EDI	SD

Lab ID: LB3

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	LB3 460-125520/1-A		460-126321	460-125520	08/24/2012 23:05	1	TAL EDI	FJ
A:8260B	LB3 460-125520/1-A		460-126321	460-125520	08/31/2012 14:03	1	TAL EDI	SD

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-125772/3		460-125772		08/28/2012 00:31	1	TAL EDI	KB
A:8260B	LCS 460-125772/3		460-125772		08/28/2012 00:31	1	TAL EDI	KB
A:8260B	LCS 460-126321/3		460-126321		08/31/2012 10:02	1	TAL EDI	SD
A:8260B	LCS 460-126458/3		460-126458		09/04/2012 06:14	1	TAL EDI	SD

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-126458/4		460-126458		09/04/2012 06:36	1	TAL EDI	SD

Lab References:

TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
CPN- (11)	460-43868-1	100	92	97
CPS- E(15)	460-43868-2	97	92	101
CPS- ED(15)	460-43868-3	98	94	101
CPS- N	460-43868-4	99	94	103
CPS- S	460-43868-5	98	92	100
CPS- W	460-43868-6	99	94	100
CPS- B	460-43868-7	97	93	101
	MB 460-126321/5	92	92	99
	MB 460-126458/5	96	93	101
	LB3 460-125520/1-A	95	93	99
	LCS 460-126321/3	89	91	95
	LCS 460-126458/3	94	94	100
	LCSD 460-126458/4	95	95	100
CPN- (11) MS	460-43868-1 MS	93	94	99
CPN- (11) MSD	460-43868-1 MSD	94	93	99

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
FB0821	460-43868-8	123	110	108
TB0821	460-43868-9	123	109	107
	MB 460-125772/4	118	111	106
	LCS 460-125772/3	114	111	107

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: c70485.d
 Lab ID: LCS 460-125772/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	14.5	73	58-146	
Bromomethane	20.0	16.8	84	55-153	
Vinyl chloride	20.0	16.0	80	61-144	
Chloroethane	20.0	17.2	86	69-145	
Methylene Chloride	20.0	20.4	102	79-119	
Acetone	20.0	28.4	142	45-156	
Carbon disulfide	20.0	32.1	160	58-139	*
1,1-Dichloroethene	20.0	23.1	116	56-139	
1,1-Dichloroethane	20.0	17.9	89	78-122	
trans-1,2-Dichloroethene	20.0	20.6	103	75-122	
cis-1,2-Dichloroethene	20.0	18.9	95	80-120	
Chloroform	20.0	18.3	92	82-123	
1,2-Dichloroethane	20.0	18.3	91	74-118	
Methyl Ethyl Ketone	20.0	20.6	103	65-114	
1,1,1-Trichloroethane	20.0	19.2	96	74-128	
Carbon tetrachloride	20.0	20.0	100	73-120	
Bromodichloromethane	20.0	18.2	91	79-119	
1,2-Dichloropropane	20.0	17.3	86	80-120	
cis-1,3-Dichloropropene	20.0	17.9	89	80-120	
Trichloroethene	20.0	18.3	92	78-119	
Dibromochloromethane	20.0	18.9	94	80-120	
1,1,2-Trichloroethane	20.0	17.4	87	79-119	
Benzene	20.0	19.2	96	83-124	
trans-1,3-Dichloropropene	20.0	17.3	86	78-118	
Bromoform	20.0	18.7	94	73-123	
methyl isobutyl ketone	20.0	15.3	76	53-120	
2-Hexanone	20.0	18.0	90	53-121	
Tetrachloroethene	20.0	20.0	100	68-139	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	74-126	
Toluene	20.0	18.7	94	80-120	
Chlorobenzene	20.0	18.3	91	81-121	
Ethylbenzene	20.0	18.6	93	79-126	
Styrene	20.0	18.1	91	69-112	
Xylenes, Total	60.0	55.7	93	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: k04067.d
 Lab ID: LCS 460-126321/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.5	78	50-151	
Bromomethane	20.0	23.0	115	54-142	
Vinyl chloride	20.0	14.0	70	67-133	
Chloroethane	20.0	18.1	90	56-146	
Methylene Chloride	20.0	19.9	99	74-137	
Acetone	20.0	16.3	82	27-164	
Carbon disulfide	20.0	15.6	78	72-128	
1,1-Dichloroethene	20.0	18.0	90	71-126	
1,1-Dichloroethane	20.0	16.8	84	76-125	
trans-1,2-Dichloroethene	20.0	16.6	83	75-122	
cis-1,2-Dichloroethene	20.0	16.9	85	80-120	
Chloroform	20.0	17.4	87	77-120	
1,2-Dichloroethane	20.0	17.1	85	76-118	
Methyl Ethyl Ketone	20.0	21.5	108	77-117	
1,1,1-Trichloroethane	20.0	17.0	85	78-117	
Carbon tetrachloride	20.0	16.7	84	79-118	
Bromodichloromethane	20.0	17.3	87	79-119	
1,2-Dichloropropane	20.0	17.1	86	82-122	
cis-1,3-Dichloropropene	20.0	16.3	81	80-123	
Trichloroethene	20.0	16.6	83	79-119	
Dibromochloromethane	20.0	18.1	90	68-120	
1,1,2-Trichloroethane	20.0	17.3	87	73-118	
Benzene	20.0	16.7	84	77-117	
trans-1,3-Dichloropropene	20.0	17.7	89	67-121	
Bromoform	20.0	18.1	90	59-125	
methyl isobutyl ketone	20.0	17.3	87	68-120	
2-Hexanone	20.0	19.2	96	70-122	
Tetrachloroethene	20.0	17.6	88	80-120	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	79-122	
Toluene	20.0	16.8	84	75-115	
Chlorobenzene	20.0	17.8	89	80-120	
Ethylbenzene	20.0	17.0	85	81-121	
Styrene	20.0	17.3	87	82-122	
Xylenes, Total	60.0	52.0	87	82-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: k04096.d
 Lab ID: LCS 460-126458/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.1	95	50-151	
Bromomethane	20.0	24.3	121	54-142	
Vinyl chloride	20.0	15.9	79	67-133	
Chloroethane	20.0	19.6	98	56-146	
Methylene Chloride	20.0	21.2	106	74-137	
Acetone	20.0	18.1	90	27-164	
Carbon disulfide	20.0	20.4	102	72-128	
1,1-Dichloroethene	20.0	18.7	94	71-126	
1,1-Dichloroethane	20.0	18.0	90	76-125	
trans-1,2-Dichloroethene	20.0	18.5	92	75-122	
cis-1,2-Dichloroethene	20.0	17.4	87	80-120	
Chloroform	20.0	17.5	88	77-120	
1,2-Dichloroethane	20.0	17.5	88	76-118	
Methyl Ethyl Ketone	20.0	21.6	108	77-117	
1,1,1-Trichloroethane	20.0	16.7	83	78-117	
Carbon tetrachloride	20.0	14.3	72	79-118	*
Bromodichloromethane	20.0	15.9	80	79-119	
1,2-Dichloropropane	20.0	17.6	88	82-122	
cis-1,3-Dichloropropene	20.0	16.5	82	80-123	
Trichloroethene	20.0	17.6	88	79-119	
Dibromochloromethane	20.0	14.4	72	68-120	
1,1,2-Trichloroethane	20.0	17.9	90	73-118	
Benzene	20.0	17.8	89	77-117	
trans-1,3-Dichloropropene	20.0	16.1	80	67-121	
Bromoform	20.0	13.4	67	59-125	
methyl isobutyl ketone	20.0	18.6	93	68-120	
2-Hexanone	20.0	20.1	101	70-122	
Tetrachloroethene	20.0	18.5	93	80-120	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	79-122	
Toluene	20.0	17.3	87	75-115	
Chlorobenzene	20.0	18.1	90	80-120	
Ethylbenzene	20.0	17.7	89	81-121	
Styrene	20.0	17.9	89	82-122	
Xylenes, Total	60.0	54.2	90	82-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: k04097.d
 Lab ID: LCSD 460-126458/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	20.0	20.4	102	7	30	50-151	
Bromomethane	20.0	28.4	142	16	30	54-142	
Vinyl chloride	20.0	18.0	90	13	30	67-133	
Chloroethane	20.0	23.0	115	16	30	56-146	
Methylene Chloride	20.0	22.5	112	6	30	74-137	
Acetone	20.0	17.4	87	4	30	27-164	
Carbon disulfide	20.0	19.6	98	4	30	72-128	
1,1-Dichloroethene	20.0	19.4	97	3	30	71-126	
1,1-Dichloroethane	20.0	18.4	92	2	30	76-125	
trans-1,2-Dichloroethene	20.0	18.9	94	2	30	75-122	
cis-1,2-Dichloroethene	20.0	18.7	93	7	30	80-120	
Chloroform	20.0	19.0	95	8	30	77-120	
1,2-Dichloroethane	20.0	18.0	90	2	30	76-118	
Methyl Ethyl Ketone	20.0	22.8	114	5	30	77-117	
1,1,1-Trichloroethane	20.0	17.5	88	5	30	78-117	
Carbon tetrachloride	20.0	15.1	75	5	30	79-118	*
Bromodichloromethane	20.0	17.3	86	8	30	79-119	
1,2-Dichloropropane	20.0	18.3	91	4	30	82-122	
cis-1,3-Dichloropropene	20.0	17.6	88	6	30	80-123	
Trichloroethene	20.0	18.9	94	7	30	79-119	
Dibromochloromethane	20.0	15.4	77	6	30	68-120	
1,1,2-Trichloroethane	20.0	18.3	91	2	30	73-118	
Benzene	20.0	18.5	92	4	30	77-117	
trans-1,3-Dichloropropene	20.0	17.3	87	7	30	67-121	
Bromoform	20.0	14.3	72	6	30	59-125	
methyl isobutyl ketone	20.0	18.2	91	2	30	68-120	
2-Hexanone	20.0	23.8	119	17	30	70-122	
Tetrachloroethene	20.0	19.9	99	7	30	80-120	
1,1,2,2-Tetrachloroethane	20.0	19.1	95	2	30	79-122	
Toluene	20.0	18.3	91	5	30	75-115	
Chlorobenzene	20.0	19.2	96	6	30	80-120	
Ethylbenzene	20.0	19.1	95	7	30	81-121	
Styrene	20.0	19.0	95	6	30	82-122	
Xylenes, Total	60.0	58.1	97	7	30	82-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: k04074.d
Lab ID: 460-43868-1 MS Client ID: CPN- (11) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	20.5	0.99 U	14.0	68	50-151	
Bromomethane	20.5	0.99 U	21.8	106	54-142	
Vinyl chloride	20.5	0.99 U	12.4	60	67-133	*
Chloroethane	20.5	0.99 U	17.0	83	56-146	
Methylene Chloride	20.5	0.92 J	20.3	95	74-137	
Acetone	20.5	3.0 J	16.3	65	27-164	
Carbon disulfide	20.5	0.99 U	15.0	73	72-128	
1,1-Dichloroethene	20.5	0.99 U	17.4	85	71-126	
1,1-Dichloroethane	20.5	0.99 U	16.5	81	76-125	
trans-1,2-Dichloroethene	20.5	0.99 U	16.5	81	75-122	
cis-1,2-Dichloroethene	20.5	0.99 U	16.2	79	80-120	*
Chloroform	20.5	0.99 U	16.6	81	77-120	
1,2-Dichloroethane	20.5	0.99 U	15.8	77	76-118	
Methyl Ethyl Ketone	20.5	9.9 U	11.2	55	77-117	*
1,1,1-Trichloroethane	20.5	0.99 U	16.4	80	78-117	
Carbon tetrachloride	20.5	0.99 U	15.7	77	79-118	*
Bromodichloromethane	20.5	0.99 U	16.1	79	79-119	
1,2-Dichloropropane	20.5	0.99 U	16.2	79	82-122	*
cis-1,3-Dichloropropene	20.5	0.99 U	15.7	76	80-123	*
Trichloroethene	20.5	0.99 U	15.5	75	79-119	*
Dibromochloromethane	20.5	0.99 U	16.1	78	68-120	
1,1,2-Trichloroethane	20.5	0.99 U	16.1	78	73-118	
Benzene	20.5	0.99 U	15.9	78	77-117	
trans-1,3-Dichloropropene	20.5	0.99 U	16.0	78	67-121	
Bromoform	20.5	0.99 U	15.3	75	59-125	
methyl isobutyl ketone	20.5	9.9 U	14.7	72	68-120	
2-Hexanone	20.5	9.9 U	18.2	89	70-122	
Tetrachloroethene	20.5	1.9	18.5	81	80-120	
1,1,2,2-Tetrachloroethane	20.5	0.99 U	16.3	79	79-122	
Toluene	20.5	0.99 U	15.7	76	75-115	
Chlorobenzene	20.5	0.99 U	15.7	77	80-120	*
Ethylbenzene	20.5	0.99 U	14.4	70	81-121	*
Styrene	20.5	0.99 U	14.7	72	82-122	*
Xylenes, Total	61.5	3.0 U	44.2	72	82-122	*

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: k04075.d
Lab ID: 460-43868-1 MSD Client ID: CPN- (11) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	20.5	15.6	76	11	30	50-151	
Bromomethane	20.5	24.1	117	10	30	54-142	
Vinyl chloride	20.5	13.8	67	11	30	67-133	
Chloroethane	20.5	18.8	92	10	30	56-146	
Methylene Chloride	20.5	20.8	97	2	30	74-137	
Acetone	20.5	23.1	98	34	30	27-164	*
Carbon disulfide	20.5	15.1	74	1	30	72-128	
1,1-Dichloroethene	20.5	18.0	88	3	30	71-126	
1,1-Dichloroethane	20.5	16.7	81	1	30	76-125	
trans-1,2-Dichloroethene	20.5	16.1	78	3	30	75-122	
cis-1,2-Dichloroethene	20.5	16.6	81	3	30	80-120	
Chloroform	20.5	17.2	84	4	30	77-120	
1,2-Dichloroethane	20.5	17.0	83	7	30	76-118	
Methyl Ethyl Ketone	20.5	17.4	85	43	30	77-117	*
1,1,1-Trichloroethane	20.5	16.3	79	1	30	78-117	
Carbon tetrachloride	20.5	15.6	76	0	30	79-118	*
Bromodichloromethane	20.5	17.4	85	8	30	79-119	
1,2-Dichloropropane	20.5	16.9	82	4	30	82-122	
cis-1,3-Dichloropropene	20.5	15.8	77	1	30	80-123	*
Trichloroethene	20.5	16.2	79	4	30	79-119	
Dibromochloromethane	20.5	16.8	82	4	30	68-120	
1,1,2-Trichloroethane	20.5	16.4	80	2	30	73-118	
Benzene	20.5	16.2	79	2	30	77-117	
trans-1,3-Dichloropropene	20.5	16.4	80	3	30	67-121	
Bromoform	20.5	15.7	76	3	30	59-125	
methyl isobutyl ketone	20.5	16.2	79	10	30	68-120	
2-Hexanone	20.5	19.1	93	4	30	70-122	
Tetrachloroethene	20.5	18.9	83	2	30	80-120	
1,1,2,2-Tetrachloroethane	20.5	17.1	83	5	30	79-122	
Toluene	20.5	15.7	77	0	30	75-115	
Chlorobenzene	20.5	15.8	77	1	30	80-120	*
Ethylbenzene	20.5	15.3	74	6	30	81-121	*
Styrene	20.5	14.9	72	1	30	82-122	*
Xylenes, Total	61.5	45.4	74	3	30	82-122	*

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Lab File ID: k04072.d Lab Sample ID: MB 460-126321/5
 Matrix: Solid Heated Purge: (Y/N) Y
 Instrument ID: VOAMS9 Date Analyzed: 08/31/2012 12:07
 GC Column: DB-624 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126321/3	k04067.d	08/31/2012 10:02
CPN- (11)	460-43868-1	k04073.d	08/31/2012 12:37
CPN- (11) MS	460-43868-1 MS	k04074.d	08/31/2012 12:59
CPN- (11) MSD	460-43868-1 MSD	k04075.d	08/31/2012 13:20
	LB3 460-125520/1-A	k04077.d	08/31/2012 14:03
CPS- E (15)	460-43868-2	k04080.d	08/31/2012 15:08
CPS- ED (15)	460-43868-3	k04081.d	08/31/2012 15:29
CPS- N	460-43868-4	k04082.d	08/31/2012 15:51
CPS- S	460-43868-5	k04083.d	08/31/2012 16:13
CPS- W	460-43868-6	k04084.d	08/31/2012 16:34

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Lab File ID: k04100.d Lab Sample ID: MB 460-126458/5
Matrix: Solid Heated Purge: (Y/N) Y
Instrument ID: VOAMS9 Date Analyzed: 09/04/2012 08:23
GC Column: DB-624 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-126458/3	k04096.d	09/04/2012 06:14
	LCSD 460-126458/4	k04097.d	09/04/2012 06:36
CPS- B	460-43868-7	k04102.d	09/04/2012 09:19

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Lab File ID: c70488.d Lab Sample ID: MB 460-125772/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS3 Date Analyzed: 08/28/2012 01:46
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-125772/3	c70485.d	08/28/2012 00:31
FB0821	460-43868-8	c70496.d	08/28/2012 04:51
TB0821	460-43868-9	c70497.d	08/28/2012 05:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Lab File ID: c69952.d BFB Injection Date: 08/14/2012
 Instrument ID: VOAMS3 BFB Injection Time: 06:44
 Analysis Batch No.: 124069

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.9
75	30.0 - 60.0 % of mass 95	50.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.6
173	Less than 2.0 % of mass 174	1.5 (1.6) 1
174	50.0 - 120.00 % of mass 95	91.9
175	5.0 - 9.0 % of mass 174	7.6 (8.2) 1
176	95.0 - 101.0 % of mass 174	92.5 (100.7) 1
177	5.0 - 9.0 % of mass 176	6.1 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-124069/2	c69957.d	08/14/2012	08:47
	IC 460-124069/3	c69958.d	08/14/2012	09:11
	IC 460-124069/4	c69959.d	08/14/2012	09:34
	IC 460-124069/5	c69960.d	08/14/2012	09:57
	IC 460-124069/6	c69970.d	08/14/2012	15:41
	IC 460-124069/7	c69971.d	08/14/2012	16:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Lab File ID: c70481.d BFB Injection Date: 08/27/2012
 Instrument ID: VOAMS3 BFB Injection Time: 22:20
 Analysis Batch No.: 125772

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.5
75	30.0 - 60.0 % of mass 95	50.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	94.1
175	5.0 - 9.0 % of mass 174	7.3 (7.8) 1
176	95.0 - 101.0 % of mass 174	93.0 (98.8) 1
177	5.0 - 9.0 % of mass 176	6.9 (7.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-125772/2	c70483.d	08/27/2012	23:07
	LCS 460-125772/3	c70485.d	08/28/2012	00:31
	MB 460-125772/4	c70488.d	08/28/2012	01:46
FB0821	460-43868-8	c70496.d	08/28/2012	04:51
TB0821	460-43868-9	c70497.d	08/28/2012	05:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Lab File ID: k03872.d BFB Injection Date: 08/27/2012
Instrument ID: VOAMS9 BFB Injection Time: 19:59
Analysis Batch No.: 125812

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.3
75	30.0 - 60.0 % of mass 95	45.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.3 (0.3) 1
174	50.0 - 120.00 % of mass 95	87.6
175	5.0 - 9.0 % of mass 174	6.3 (7.2) 1
176	95.0 - 101.0 % of mass 174	84.8 (96.8) 1
177	5.0 - 9.0 % of mass 176	5.2 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-125812/2	k03874.d	08/27/2012	20:51
	IC 460-125812/3	k03880.d	08/27/2012	23:14
	IC 460-125812/4	k03881.d	08/27/2012	23:45
	IC 460-125812/5	k03882.d	08/28/2012	00:06
	IC 460-125812/6	k03887.d	08/28/2012	02:19
	IC 460-125812/7	k03888.d	08/28/2012	02:40

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Lab File ID: k04064.d BFB Injection Date: 08/31/2012
Instrument ID: VOAMS9 BFB Injection Time: 08:40
Analysis Batch No.: 126321

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.8
75	30.0 - 60.0 % of mass 95	45.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	90.7
175	5.0 - 9.0 % of mass 174	6.8 (7.5) 1
176	95.0 - 101.0 % of mass 174	88.9 (98.1) 1
177	5.0 - 9.0 % of mass 176	6.0 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126321/2	k04066.d	08/31/2012	09:34
	LCS 460-126321/3	k04067.d	08/31/2012	10:02
	MB 460-126321/5	k04072.d	08/31/2012	12:07
CPN- (11)	460-43868-1	k04073.d	08/31/2012	12:37
CPN- (11) MS	460-43868-1 MS	k04074.d	08/31/2012	12:59
CPN- (11) MSD	460-43868-1 MSD	k04075.d	08/31/2012	13:20
	LB3 460-125520/1-A	k04077.d	08/31/2012	14:03
CPS- E(15)	460-43868-2	k04080.d	08/31/2012	15:08
CPS- ED(15)	460-43868-3	k04081.d	08/31/2012	15:29
CPS- N	460-43868-4	k04082.d	08/31/2012	15:51
CPS- S	460-43868-5	k04083.d	08/31/2012	16:13
CPS- W	460-43868-6	k04084.d	08/31/2012	16:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Lab File ID: k04094.d BFB Injection Date: 09/04/2012
Instrument ID: VOAMS9 BFB Injection Time: 05:42
Analysis Batch No.: 126458

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.0
75	30.0 - 60.0 % of mass 95	47.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.4
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	87.0
175	5.0 - 9.0 % of mass 174	6.8 (7.8) 1
176	95.0 - 101.0 % of mass 174	84.7 (97.4) 1
177	5.0 - 9.0 % of mass 176	5.9 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-126458/2	k04095.d	09/04/2012	05:52
	LCS 460-126458/3	k04096.d	09/04/2012	06:14
	LCSD 460-126458/4	k04097.d	09/04/2012	06:36
	MB 460-126458/5	k04100.d	09/04/2012	08:23
CPS- B	460-43868-7	k04102.d	09/04/2012	09:19

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Sample No.: CCVIS 460-125772/2 Date Analyzed: 08/27/2012 23:07
 Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): c70483.d Heated Purge: (Y/N) N
 Calibration ID: 16904

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	699070	5.81	556339	8.72	299612	10.48	
UPPER LIMIT	1398140	6.31	1112678	9.22	599224	10.98	
LOWER LIMIT	349535	5.31	278170	8.22	149806	9.98	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-125772/3		707474	5.81	561796	8.72	303087	10.48
MB 460-125772/4		665713	5.81	523811	8.72	284671	10.48
460-43868-8	FB0821	614549	5.82	486551	8.72	259628	10.48
460-43868-9	TB0821	584871	5.82	471333	8.72	251199	10.48

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Sample No.: CCVIS 460-126321/2 Date Analyzed: 08/31/2012 09:34
 Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): k04066.d Heated Purge: (Y/N) Y
 Calibration ID: 17142

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		627679	5.43	429511	8.91	229265	11.00
UPPER LIMIT		1255358	5.93	859022	9.41	458530	11.50
LOWER LIMIT		313840	4.93	214756	8.41	114633	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126321/3		690328	5.43	467745	8.91	250974	11.00
MB 460-126321/5		591269	5.43	412011	8.91	209599	11.00
460-43868-1	CPN- (11)	609740	5.43	430485	8.91	228584	11.00
460-43868-1 MS	CPN- (11) MS	649765	5.43	448919	8.91	235732	11.00
460-43868-1 MSD	CPN- (11) MSD	672292	5.44	469254	8.91	249147	11.00
LB3 460-125520/1-A		597961	5.44	420699	8.91	220582	11.00
460-43868-2	CPS- E(15)	590289	5.43	426346	8.91	222576	11.00
460-43868-3	CPS- ED(15)	598417	5.44	425418	8.91	221353	11.00
460-43868-4	CPS- N	604772	5.44	431349	8.91	226112	11.00
460-43868-5	CPS- S	610173	5.44	434574	8.91	228689	11.00
460-43868-6	CPS- W	604470	5.44	427980	8.91	228108	11.00

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Sample No.: CCVIS 460-126458/2 Date Analyzed: 09/04/2012 05:52
 Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): k04095.d Heated Purge: (Y/N) Y
 Calibration ID: 17142

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	641276	5.44	444568	8.91	238580	11.00	
UPPER LIMIT	1282552	5.94	889136	9.41	477160	11.50	
LOWER LIMIT	320638	4.94	222284	8.41	119290	10.50	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-126458/3		631945	5.43	442526	8.91	233932	11.00
LCSD 460-126458/4		633951	5.44	443874	8.91	239112	11.00
MB 460-126458/5		604348	5.44	432549	8.91	224457	11.00
460-43868-7	CPS- B	663442	5.43	473747	8.91	250798	11.00

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPN- (11) Lab Sample ID: 460-43868-1

Matrix: Solid Lab File ID: k04073.d

Analysis Method: 8260B Date Collected: 08/21/2012 09:30

Sample wt/vol: 5.26(g) Date Analyzed: 08/31/2012 12:37

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.99	U	0.99	0.16
74-83-9	Bromomethane	0.99	U	0.99	0.43
75-01-4	Vinyl chloride	0.99	U	0.99	0.34
75-00-3	Chloroethane	0.99	U	0.99	0.33
75-09-2	Methylene Chloride	0.92	J B	0.99	0.15
67-64-1	Acetone	3.0	J B	9.9	1.7
75-15-0	Carbon disulfide	0.99	U	0.99	0.15
75-35-4	1,1-Dichloroethene	0.99	U	0.99	0.19
75-34-3	1,1-Dichloroethane	0.99	U	0.99	0.11
156-60-5	trans-1,2-Dichloroethene	0.99	U	0.99	0.13
156-59-2	cis-1,2-Dichloroethene	0.99	U	0.99	0.11
67-66-3	Chloroform	0.99	U	0.99	0.24
107-06-2	1,2-Dichloroethane	0.99	U	0.99	0.18
78-93-3	Methyl Ethyl Ketone	9.9	U	9.9	0.62
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	0.13
56-23-5	Carbon tetrachloride	0.99	U	0.99	0.15
75-27-4	Bromodichloromethane	0.99	U	0.99	0.32
78-87-5	1,2-Dichloropropane	0.99	U	0.99	0.15
10061-01-5	cis-1,3-Dichloropropene	0.99	U	0.99	0.14
79-01-6	Trichloroethene	0.99	U	0.99	0.12
124-48-1	Dibromochloromethane	0.99	U	0.99	0.099
79-00-5	1,1,2-Trichloroethane	0.99	U	0.99	0.14
71-43-2	Benzene	0.99	U	0.99	0.15
10061-02-6	trans-1,3-Dichloropropene	0.99	U	0.99	0.099
75-25-2	Bromoform	0.99	U	0.99	0.17
108-10-1	methyl isobutyl ketone	9.9	U	9.9	0.20
591-78-6	2-Hexanone	9.9	U	9.9	0.13
127-18-4	Tetrachloroethene	1.9		0.99	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.99	U	0.99	0.089
108-88-3	Toluene	0.99	U	0.99	0.14
108-90-7	Chlorobenzene	0.99	U	0.99	0.18
100-41-4	Ethylbenzene	0.99	U	0.99	0.17
100-42-5	Styrene	0.99	U	0.99	0.28
1330-20-7	Xylenes, Total	3.0	U	3.0	0.66

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPN- (11) Lab Sample ID: 460-43868-1
Matrix: Solid Lab File ID: k04073.d
Analysis Method: 8260B Date Collected: 08/21/2012 09:30
Sample wt/vol: 5.26(g) Date Analyzed: 08/31/2012 12:37
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 3.9 Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04073.d
 Report Date: 02-Sep-2012 10:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04073.d
 Lab Smp Id: 460-43868-A-1-D Client Smp ID: CPN- (11)
 Inj Date : 31-AUG-2012 12:37
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-1-D;;;5.26;5
 Misc Info : 460-43868-A-1-D
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.26000	Weight of sample extracted (g)
M	3.85757	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	=====	==	=====	=====	=====	=====
7 Acetone	43	2.893	2.904	(0.532)	3000	2.99280	3.0(a)
6 Methylene Chloride	84	3.252	3.252	(0.598)	3421	0.92646	0.92(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.161	5.162	(0.950)	141674	49.9128	49
* 69 Fluorobenzene	96	5.434	5.434	(1.000)	609740	50.0000	
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	521341	46.0649	46
35 Tetrachloroethene	166	7.799	7.799	(0.876)	8432	1.87679	1.8
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	430485	50.0000	
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	201478	48.7296	48
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	228584	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04073.d

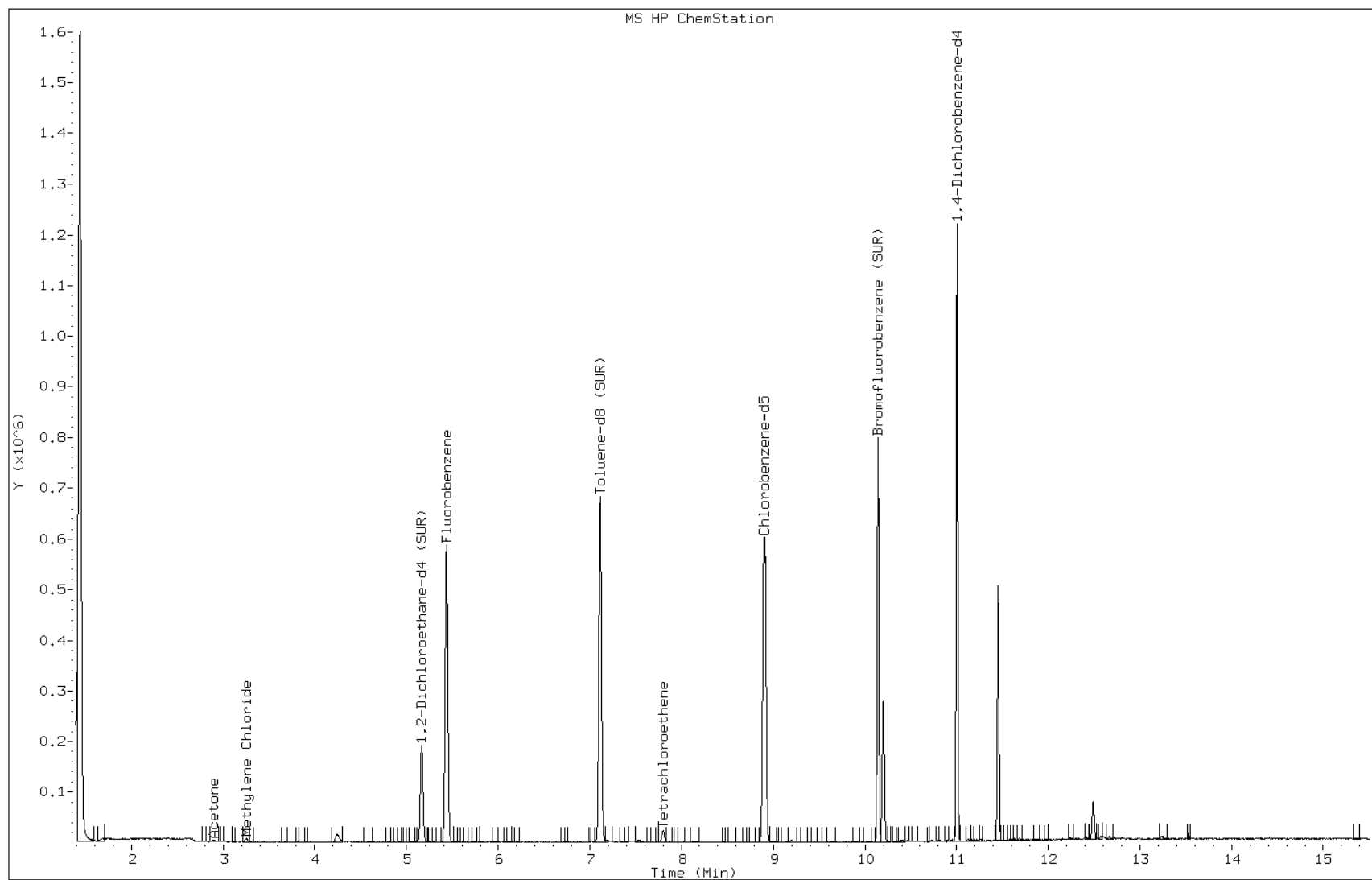
Date: 31-AUG-2012 12:37

Client ID: CPN- (11)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-1-D;;;5.26;5

Operator: VOAMS 9



Data File: k04073.d

Date: 31-AUG-2012 12:37

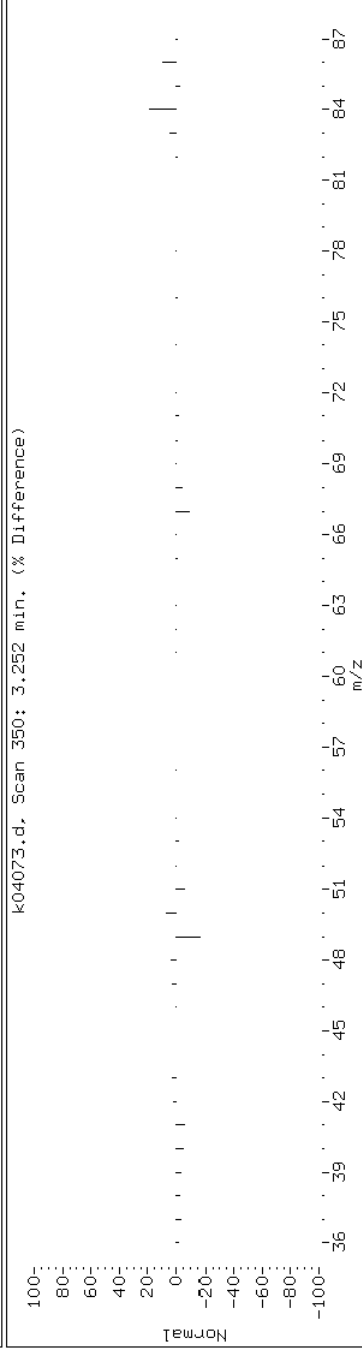
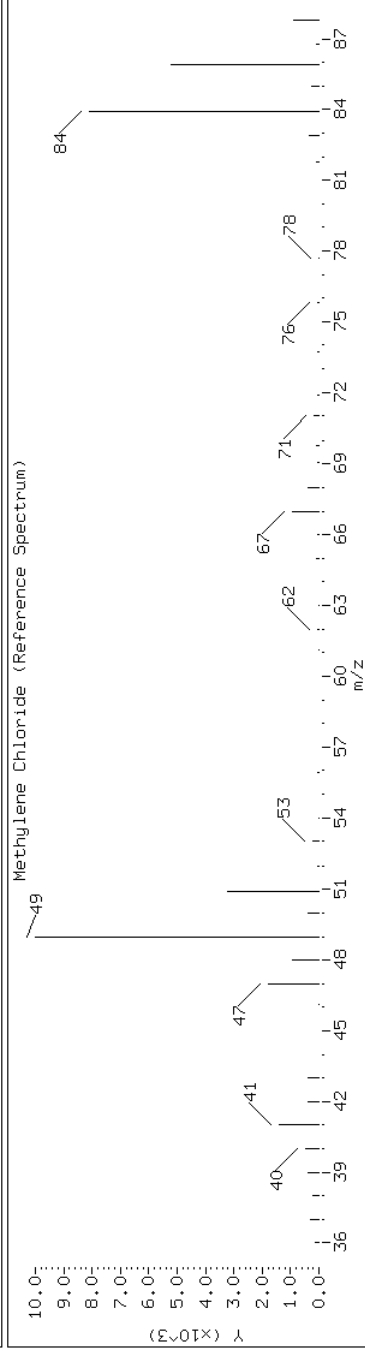
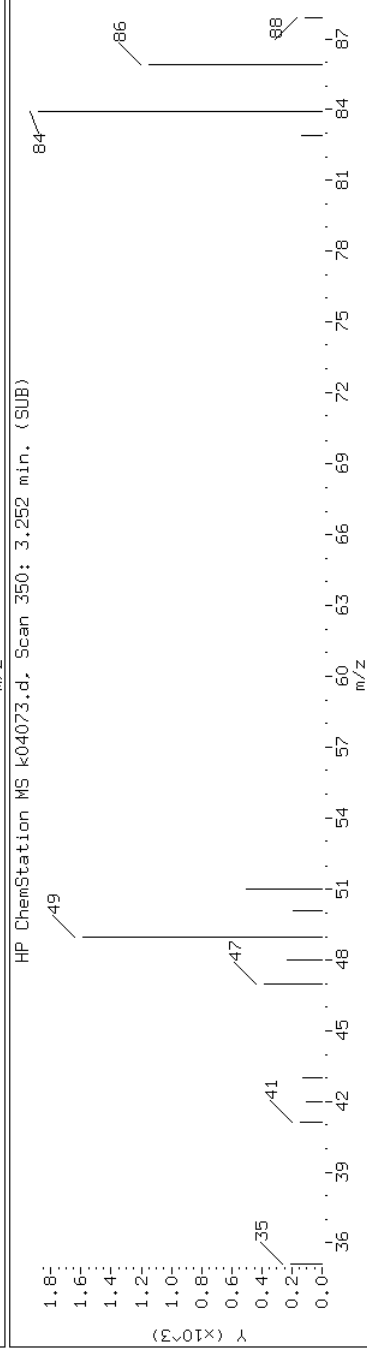
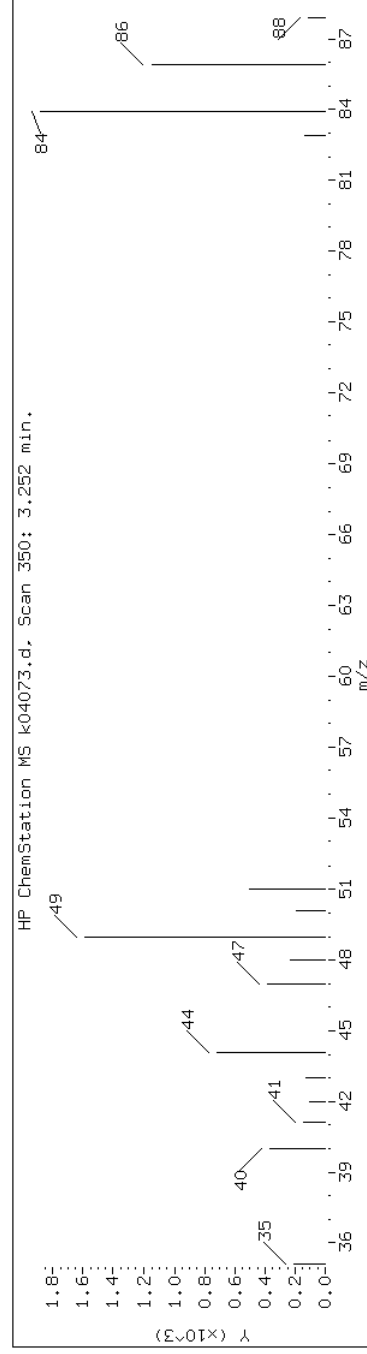
Client ID: CPN- (11)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-1-D;;;5.26;5

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04073.d

Date: 31-AUG-2012 12:37

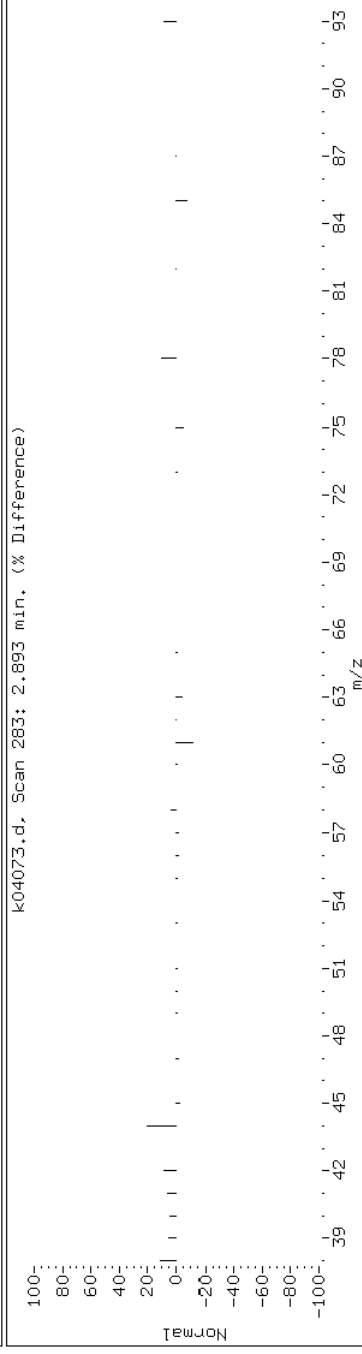
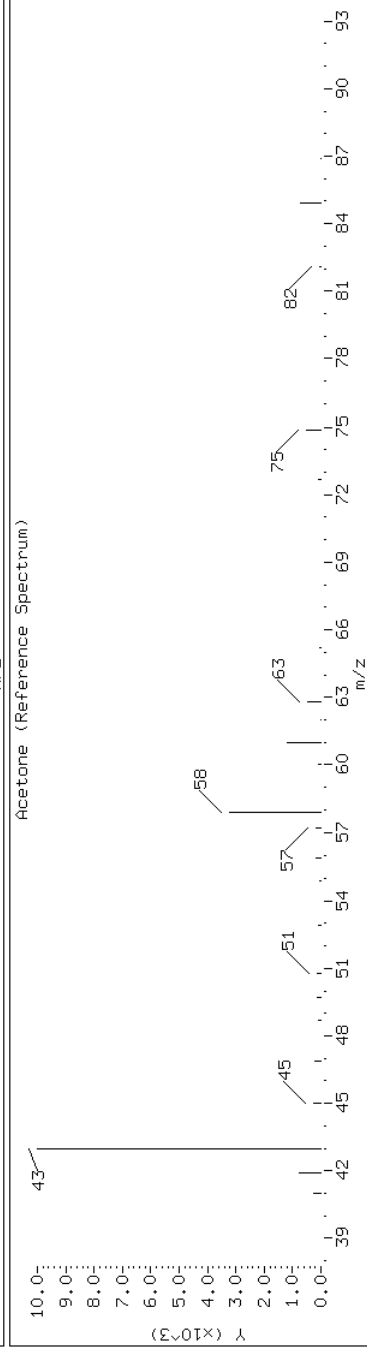
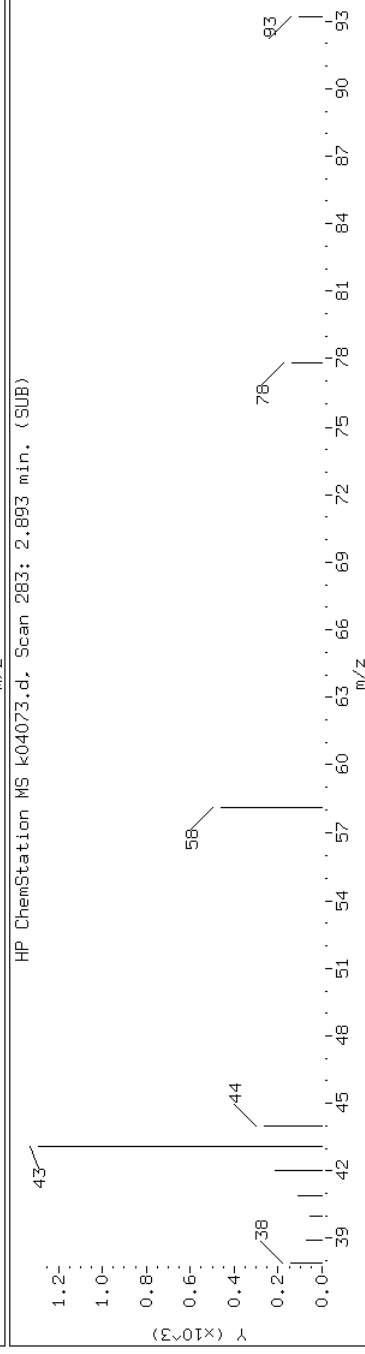
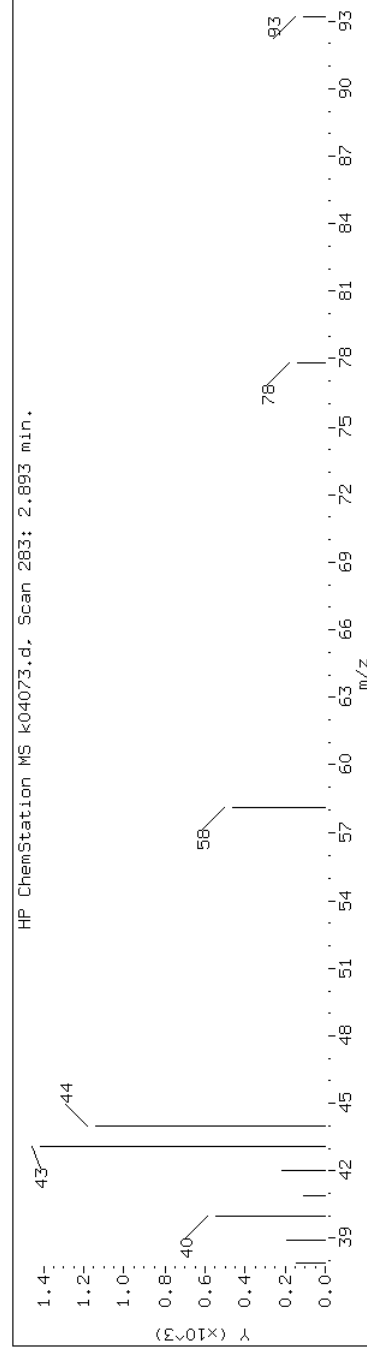
Client ID: CPN- (11)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-1-D;;;5.26;5

Operator: VOAMS 9

7 Acetone



Data File: k04073.d

Date: 31-AUG-2012 12:37

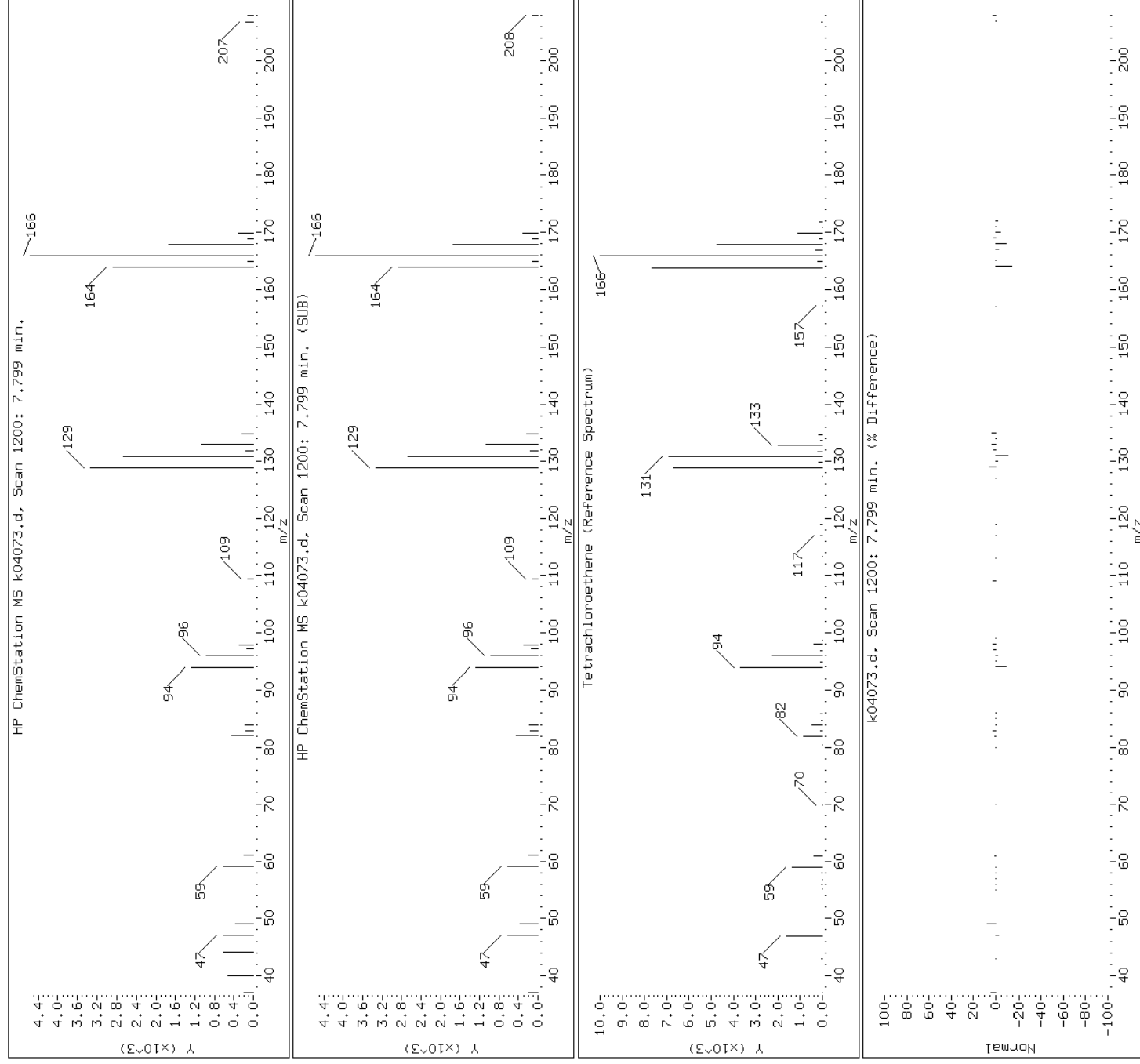
Client ID: CPN- (11)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-1-D;;;5.26;5

Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPS- E(15) Lab Sample ID: 460-43868-2

Matrix: Solid Lab File ID: k04080.d

Analysis Method: 8260B Date Collected: 08/21/2012 10:45

Sample wt/vol: 5.23(g) Date Analyzed: 08/31/2012 15:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.98	U	0.98	0.16
74-83-9	Bromomethane	0.98	U	0.98	0.42
75-01-4	Vinyl chloride	0.98	U	0.98	0.33
75-00-3	Chloroethane	0.98	U	0.98	0.32
75-09-2	Methylene Chloride	0.45	J B	0.98	0.15
67-64-1	Acetone	13	B	9.8	1.6
75-15-0	Carbon disulfide	0.98	U	0.98	0.15
75-35-4	1,1-Dichloroethene	0.98	U	0.98	0.19
75-34-3	1,1-Dichloroethane	0.98	U	0.98	0.11
156-60-5	trans-1,2-Dichloroethene	0.98	U	0.98	0.13
156-59-2	cis-1,2-Dichloroethene	0.98	U	0.98	0.11
67-66-3	Chloroform	0.98	U	0.98	0.23
107-06-2	1,2-Dichloroethane	0.98	U	0.98	0.18
78-93-3	Methyl Ethyl Ketone	9.8	U	9.8	0.61
71-55-6	1,1,1-Trichloroethane	0.98	U	0.98	0.13
56-23-5	Carbon tetrachloride	0.98	U	0.98	0.15
75-27-4	Bromodichloromethane	0.98	U	0.98	0.31
78-87-5	1,2-Dichloropropane	0.98	U	0.98	0.15
10061-01-5	cis-1,3-Dichloropropene	0.98	U	0.98	0.14
79-01-6	Trichloroethene	0.98	U	0.98	0.12
124-48-1	Dibromochloromethane	0.98	U	0.98	0.098
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	0.14
71-43-2	Benzene	0.98	U	0.98	0.15
10061-02-6	trans-1,3-Dichloropropene	0.98	U	0.98	0.098
75-25-2	Bromoform	0.98	U	0.98	0.17
108-10-1	methyl isobutyl ketone	9.8	U	9.8	0.20
591-78-6	2-Hexanone	9.8	U	9.8	0.13
127-18-4	Tetrachloroethene	14		0.98	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.98	U	0.98	0.088
108-88-3	Toluene	0.98	U	0.98	0.14
108-90-7	Chlorobenzene	0.98	U	0.98	0.18
100-41-4	Ethylbenzene	0.98	U	0.98	0.17
100-42-5	Styrene	0.98	U	0.98	0.27
1330-20-7	Xylenes, Total	2.9	U	2.9	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPS- E(15) Lab Sample ID: 460-43868-2
Matrix: Solid Lab File ID: k04080.d
Analysis Method: 8260B Date Collected: 08/21/2012 10:45
Sample wt/vol: 5.23(g) Date Analyzed: 08/31/2012 15:08
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: 2.0 Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04080.d
 Report Date: 04-Sep-2012 05:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04080.d
 Lab Smp Id: 460-43868-A-2-B Client Smp ID: CPS- E(15)
 Inj Date : 31-AUG-2012 15:08
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-2-B;;;5.23;5
 Misc Info : 460-43868-A-2-B
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.23000	Weight of sample extracted (g)
M	1.98939	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	=====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.893	2.904	(0.532)	12560	13.0327	13	
6 Methylene Chloride	84	3.246	3.252	(0.597)	1632	0.45654	0.44(a)	
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.156	5.162	(0.949)	133483	48.5767	47	
* 69 Fluorobenzene	96	5.434	5.434	(1.000)	590289	50.0000		
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	515652	46.0046	45	
35 Tetrachloroethene	166	7.799	7.799	(0.876)	65942	14.8198	14	
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	426346	50.0000		
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	203286	50.4940	49	
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	222576	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04080.d

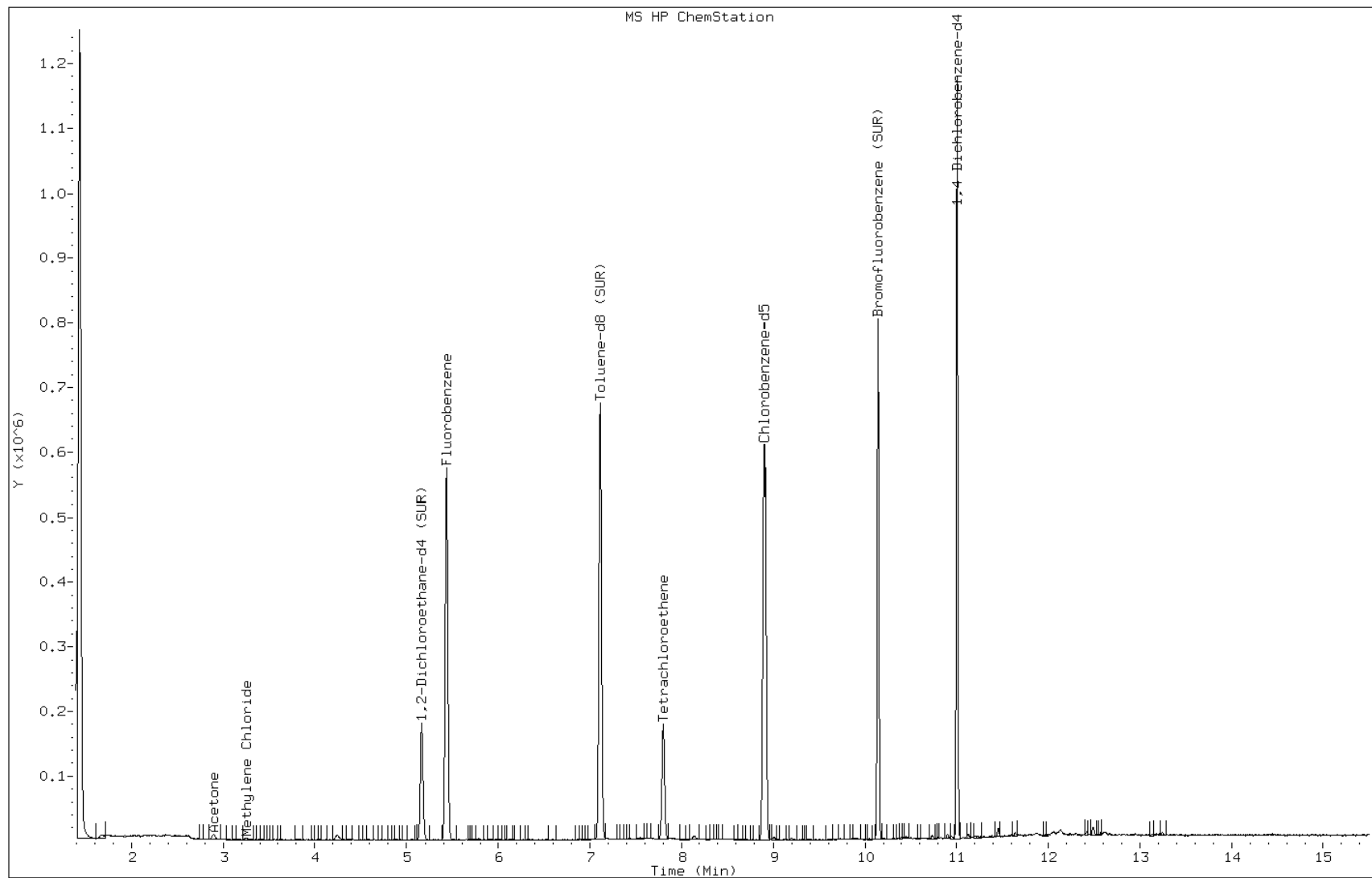
Date: 31-AUG-2012 15:08

Client ID: CPS- E(15)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-2-B;;;5.23;5

Operator: VOAMS 9



Data File: k04080.d

Date: 31-AUG-2012 15:08

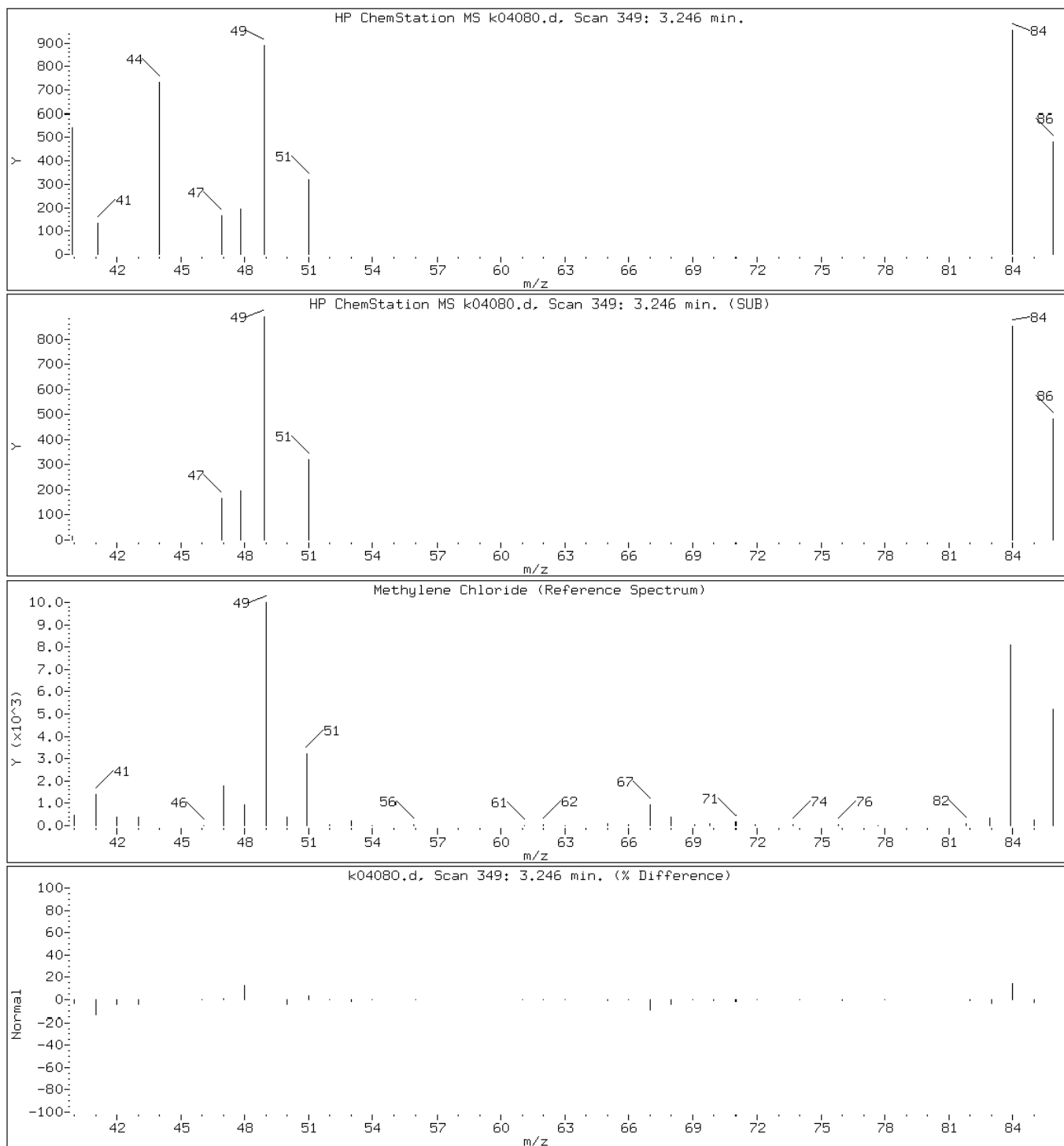
Client ID: CPS- E(15)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-2-B;;;5.23;5

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04080.d

Date: 31-AUG-2012 15:08

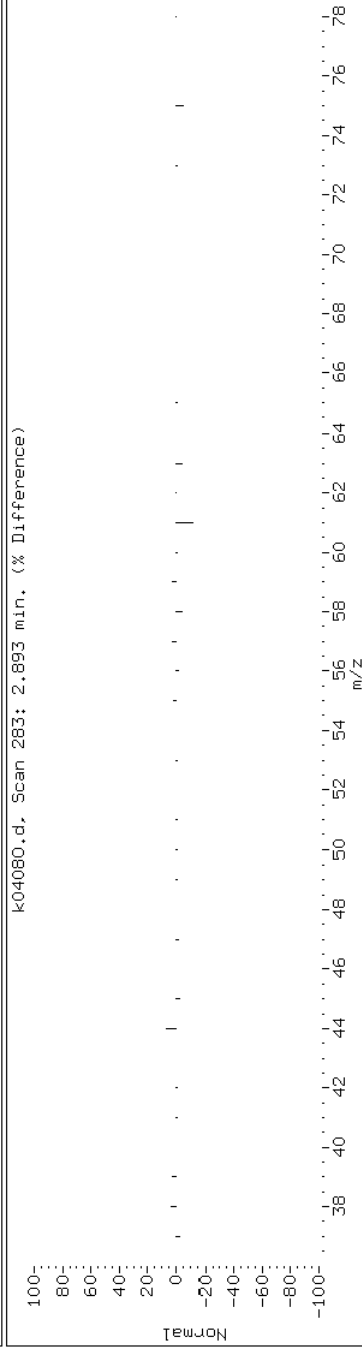
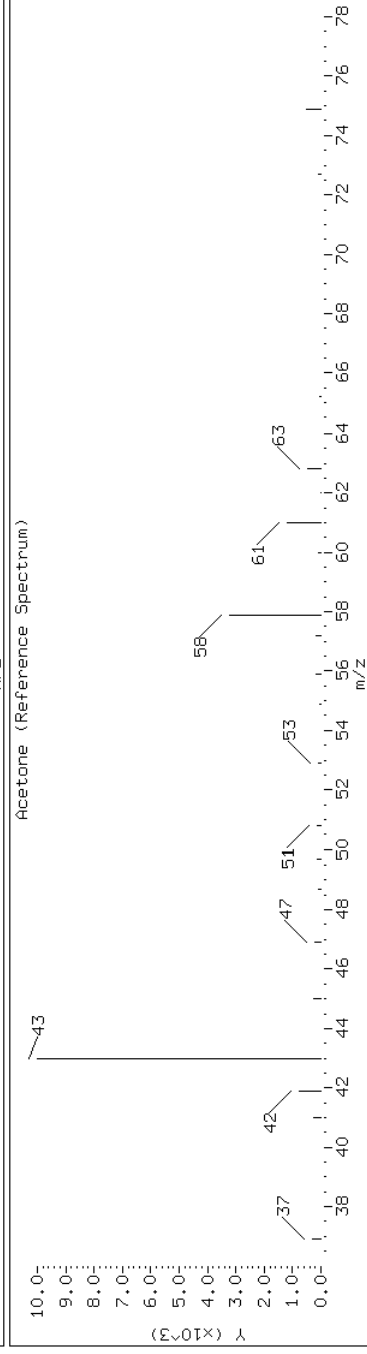
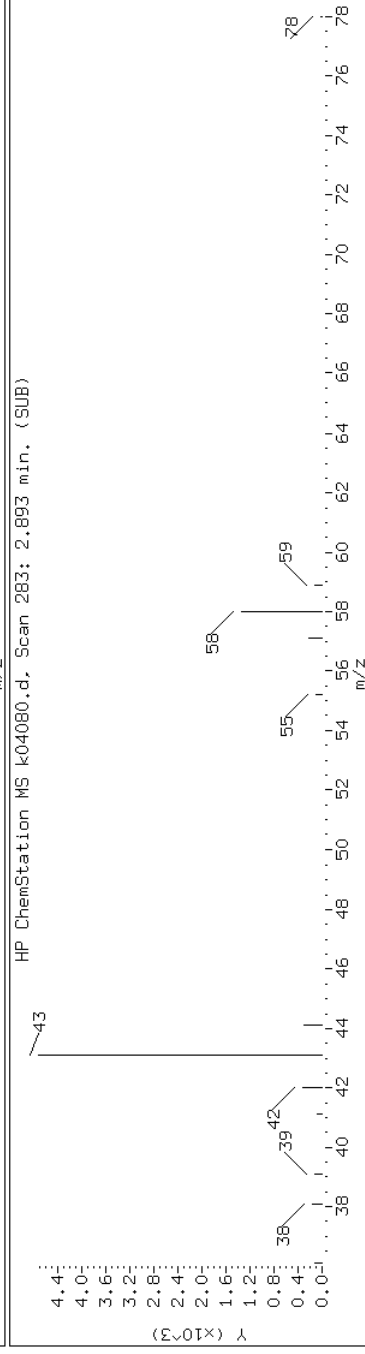
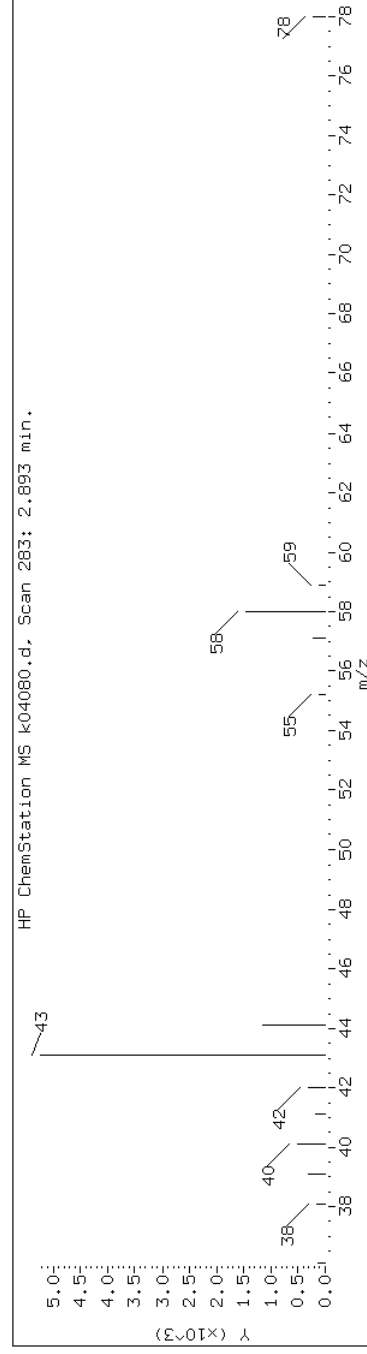
Client ID: CPS- E(15)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-2-B;;;5.23;5

Operator: VOAMS 9

7 Acetone



Data File: k04080.d

Date: 31-AUG-2012 15:08

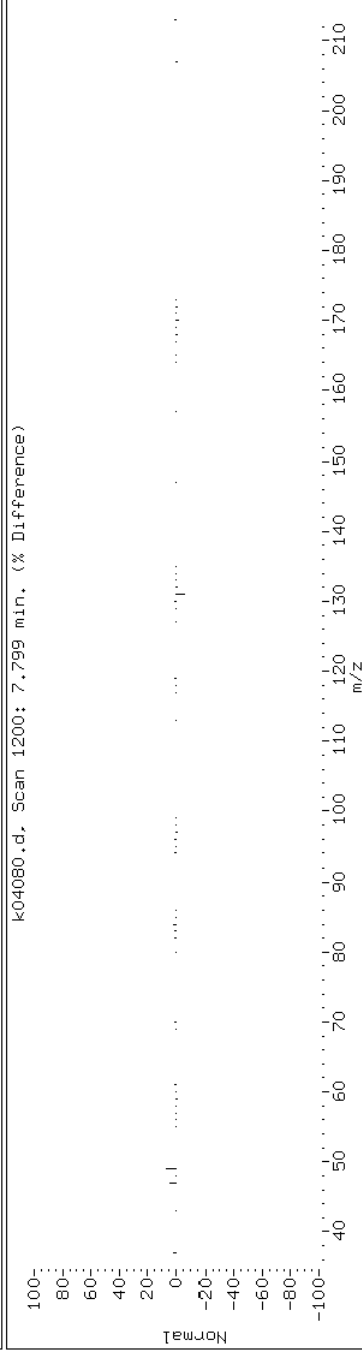
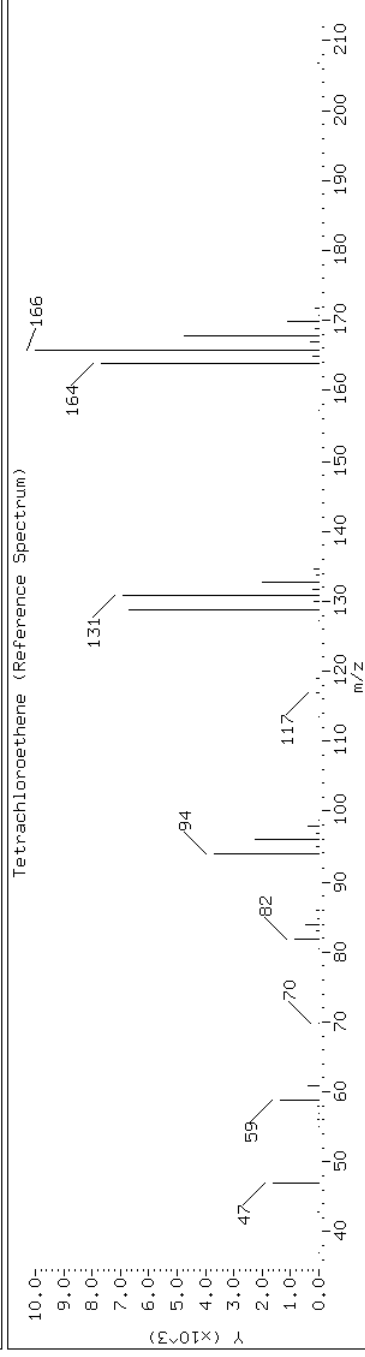
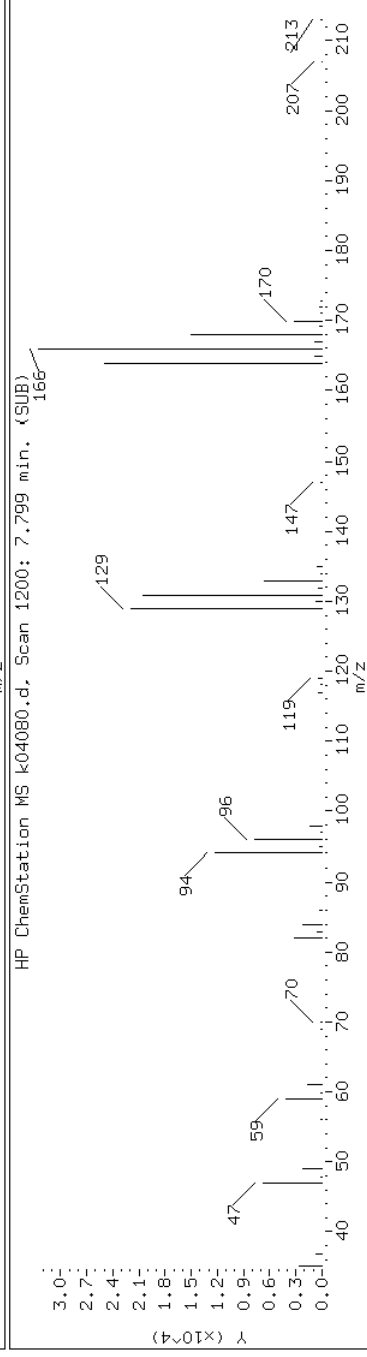
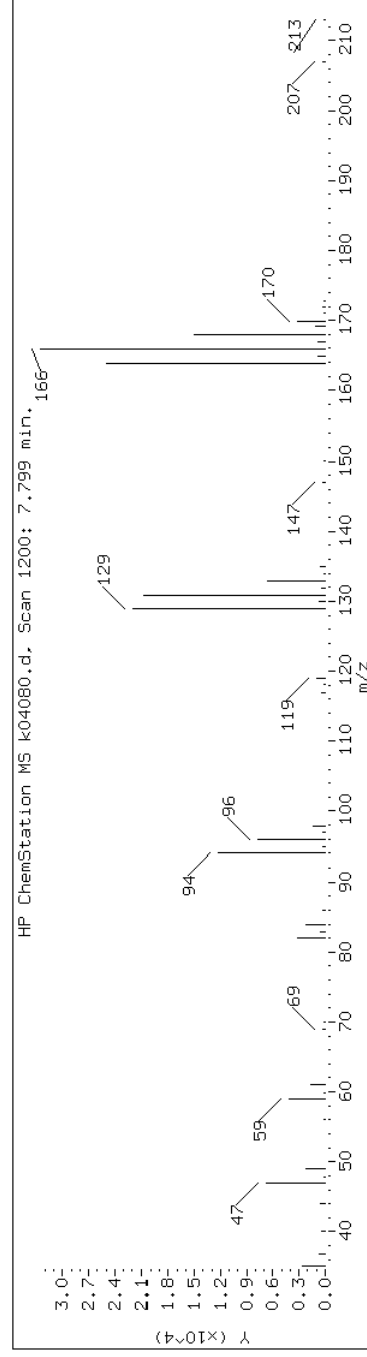
Client ID: CPS- E(15)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-2-B;;;5.23;5

Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPS- ED(15) Lab Sample ID: 460-43868-3

Matrix: Solid Lab File ID: k04081.d

Analysis Method: 8260B Date Collected: 08/21/2012 10:45

Sample wt/vol: 5.61(g) Date Analyzed: 08/31/2012 15:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 2.6 Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.91	U	0.91	0.15
74-83-9	Bromomethane	0.91	U	0.91	0.39
75-01-4	Vinyl chloride	0.91	U	0.91	0.31
75-00-3	Chloroethane	0.91	U	0.91	0.30
75-09-2	Methylene Chloride	0.50	J B	0.91	0.14
67-64-1	Acetone	17	B	9.1	1.5
75-15-0	Carbon disulfide	0.91	U	0.91	0.14
75-35-4	1,1-Dichloroethene	0.91	U	0.91	0.17
75-34-3	1,1-Dichloroethane	0.91	U	0.91	0.10
156-60-5	trans-1,2-Dichloroethene	0.91	U	0.91	0.12
156-59-2	cis-1,2-Dichloroethene	0.91	U	0.91	0.10
67-66-3	Chloroform	0.91	U	0.91	0.22
107-06-2	1,2-Dichloroethane	0.91	U	0.91	0.16
78-93-3	Methyl Ethyl Ketone	9.1	U	9.1	0.58
71-55-6	1,1,1-Trichloroethane	0.91	U	0.91	0.12
56-23-5	Carbon tetrachloride	0.91	U	0.91	0.14
75-27-4	Bromodichloromethane	0.91	U	0.91	0.29
78-87-5	1,2-Dichloropropane	0.91	U	0.91	0.14
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.13
79-01-6	Trichloroethene	0.91	U	0.91	0.11
124-48-1	Dibromochloromethane	0.91	U	0.91	0.091
79-00-5	1,1,2-Trichloroethane	0.91	U	0.91	0.13
71-43-2	Benzene	0.91	U	0.91	0.14
10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.91	0.091
75-25-2	Bromoform	0.91	U	0.91	0.16
108-10-1	methyl isobutyl ketone	9.1	U	9.1	0.18
591-78-6	2-Hexanone	9.1	U	9.1	0.12
127-18-4	Tetrachloroethene	9.8		0.91	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.91	U	0.91	0.082
108-88-3	Toluene	0.91	U	0.91	0.13
108-90-7	Chlorobenzene	0.91	U	0.91	0.16
100-41-4	Ethylbenzene	0.91	U	0.91	0.16
100-42-5	Styrene	0.91	U	0.91	0.26
1330-20-7	Xylenes, Total	2.7	U	2.7	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPS- ED(15) Lab Sample ID: 460-43868-3
Matrix: Solid Lab File ID: k04081.d
Analysis Method: 8260B Date Collected: 08/21/2012 10:45
Sample wt/vol: 5.61(g) Date Analyzed: 08/31/2012 15:29
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: 2.6 Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04081.d
 Report Date: 04-Sep-2012 14:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04081.d
 Lab Smp Id: 460-43868-A-3-B Client Smp ID: CPS- ED(15)
 Inj Date : 31-AUG-2012 15:29
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-3-B;;;5.61;5
 Misc Info : 460-43868-A-3-B
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 17
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.61000	Weight of sample extracted (g)
M	2.59319	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
7 Acetone	43	2.904	2.904	(0.534)	18095	18.5910	17	
6 Methylene Chloride	84	3.257	3.252	(0.599)	1976	0.54526	0.50(a)	
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.162	5.162	(0.949)	136443	48.9794	45	
* 69 Fluorobenzene	96	5.440	5.434	(1.000)	598417	50.0000		
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	524782	46.9213	43	
35 Tetrachloroethene	166	7.804	7.799	(0.876)	47329	10.6599	9.8	
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	425418	50.0000		
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	202141	50.4870	46	
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	221353	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04081.d

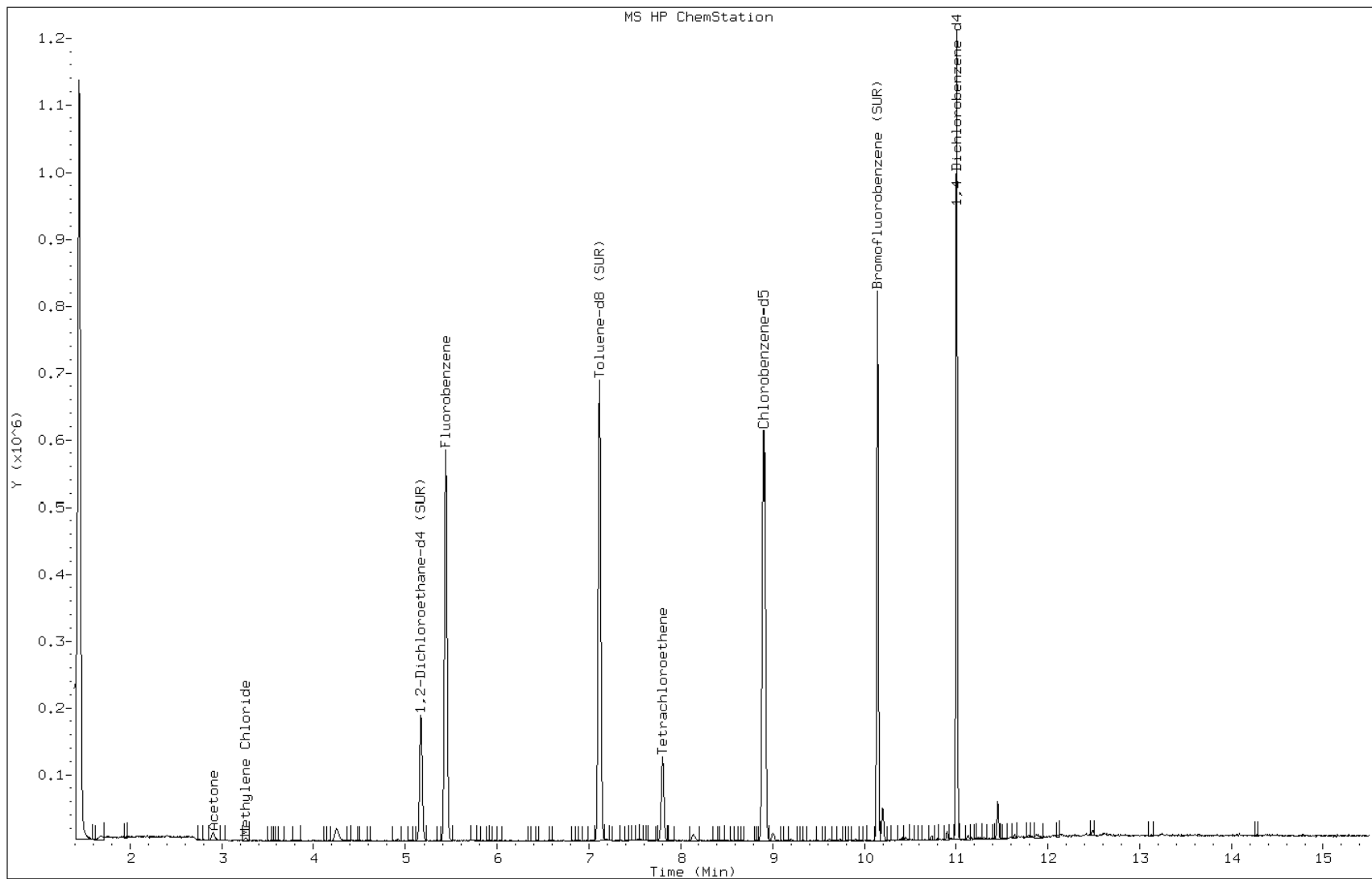
Date: 31-AUG-2012 15:29

Client ID: CPS- ED(15)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-3-B;;;5.61;5

Operator: VOAMS 9



Data File: k04081.d

Date: 31-AUG-2012 15:29

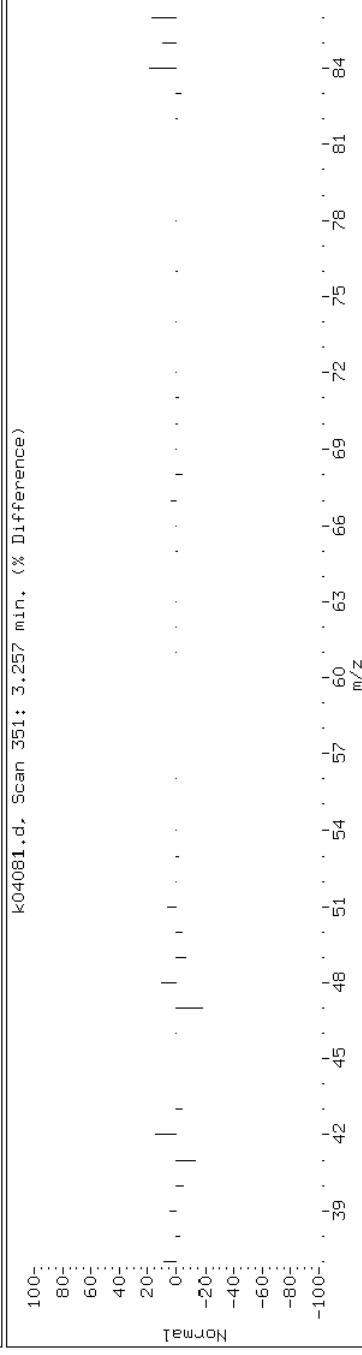
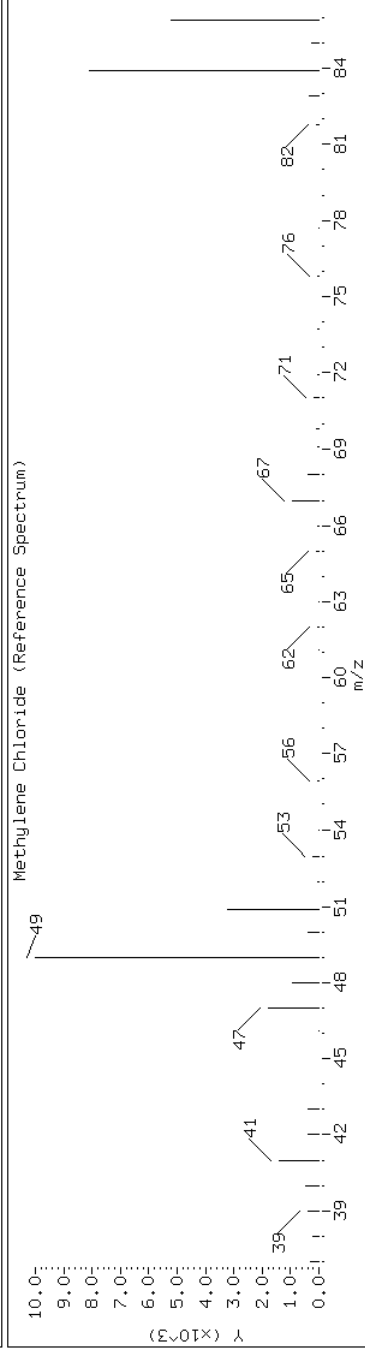
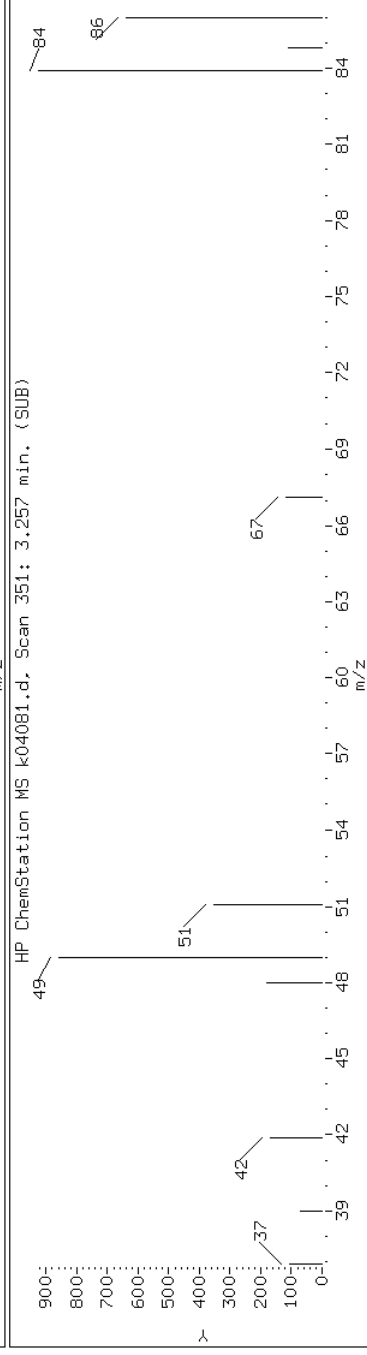
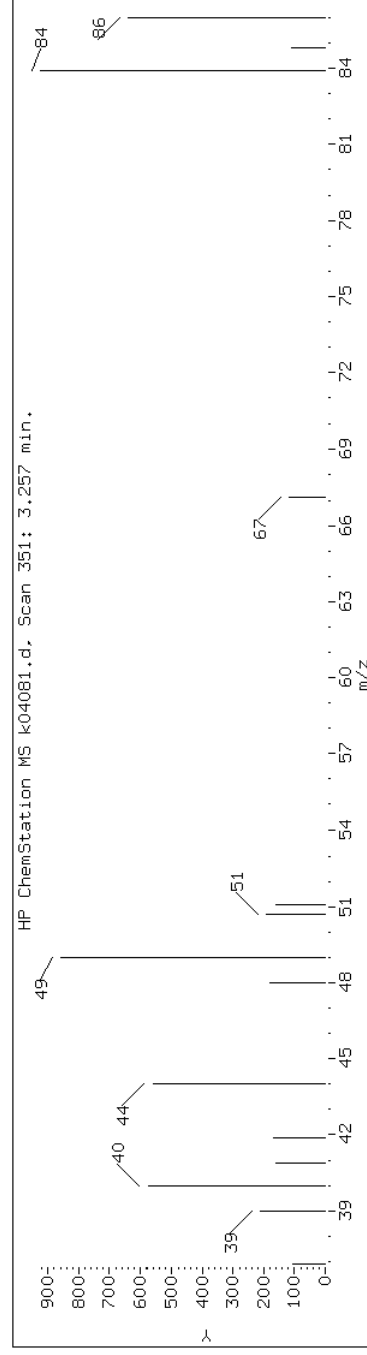
Client ID: CPS- ED(15)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-3-B;;;5.61;5

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04081.d

Date: 31-AUG-2012 15:29

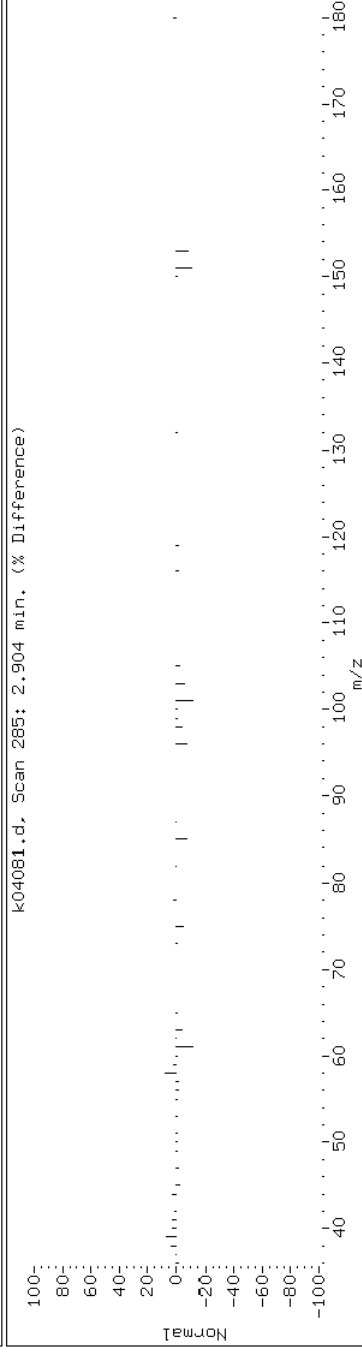
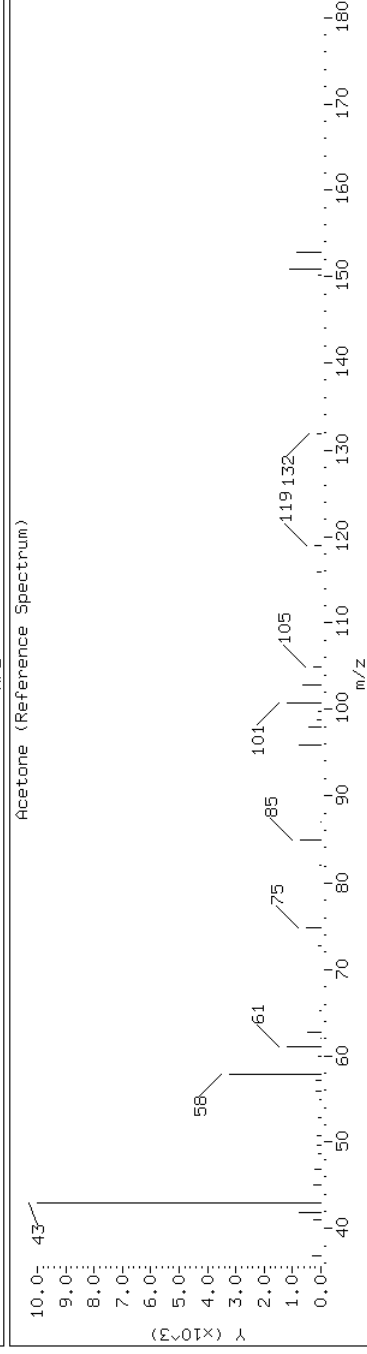
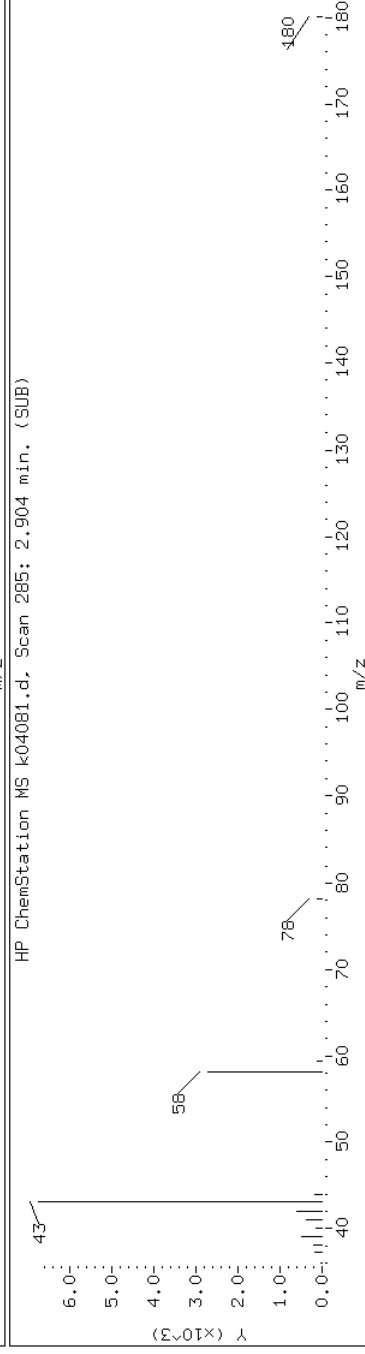
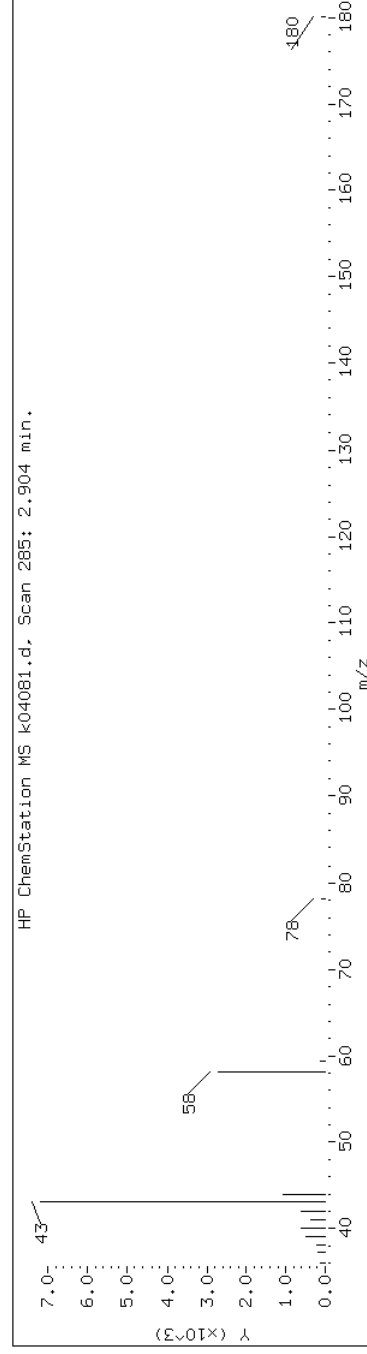
Client ID: CPS- ED(15)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-3-B;;5.61;5

Operator: VOAMS 9

7 Acetone



Data File: k04081.d

Date: 31-AUG-2012 15:29

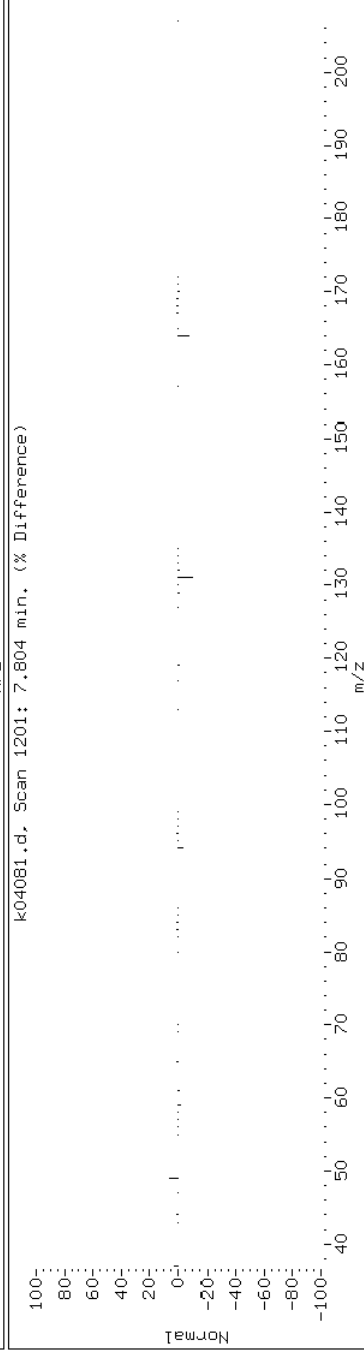
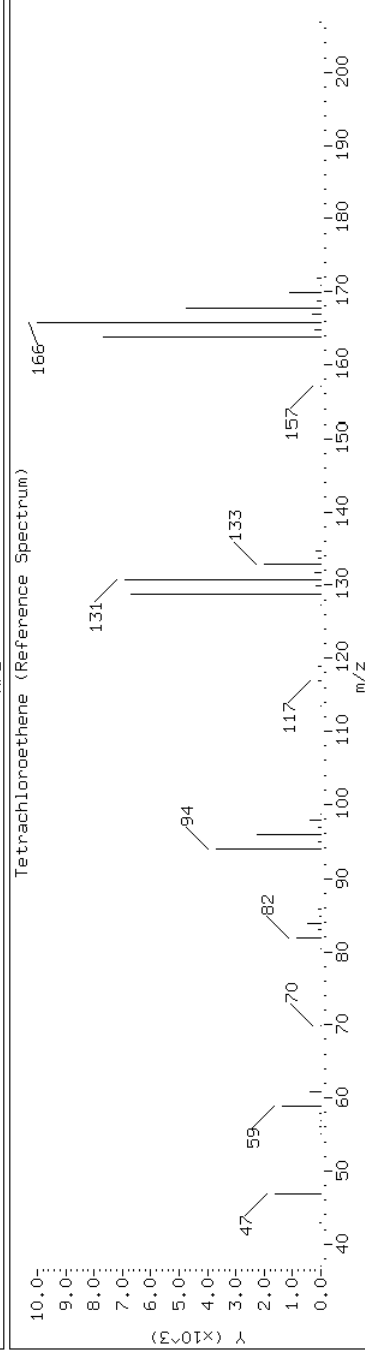
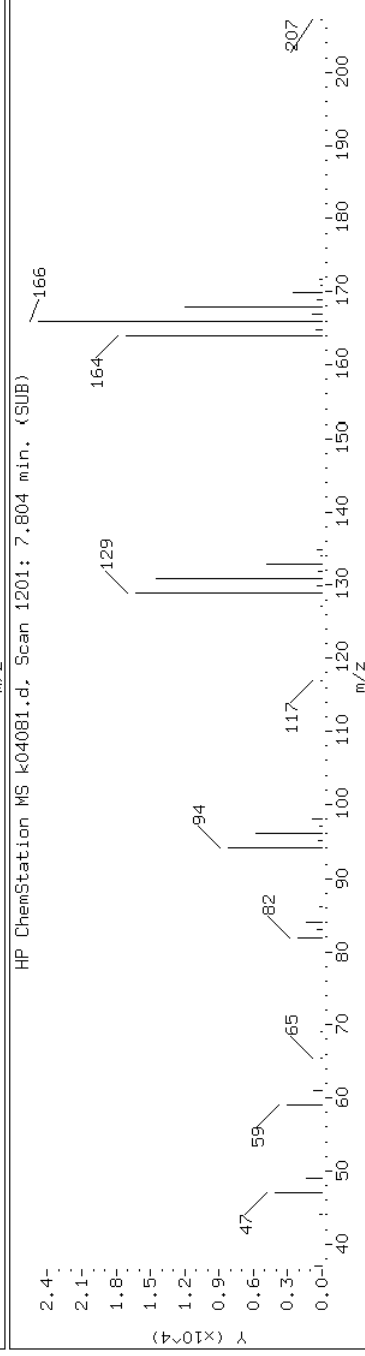
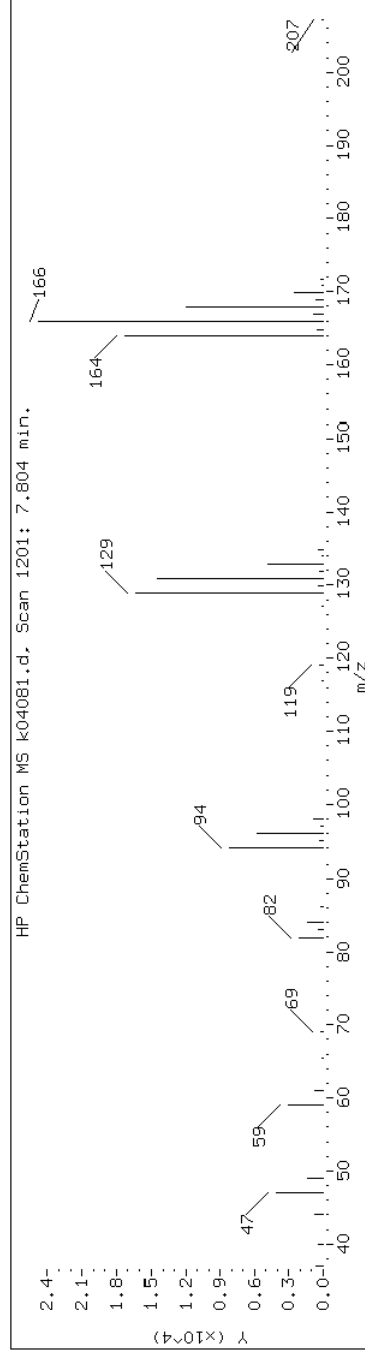
Client ID: CPS- ED(15)

Instrument: VOAMS9.i

Sample Info: 460-43868-A-3-B;;;5.61;5

Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPS- N Lab Sample ID: 460-43868-4

Matrix: Solid Lab File ID: k04082.d

Analysis Method: 8260B Date Collected: 08/21/2012 10:55

Sample wt/vol: 5.56(g) Date Analyzed: 08/31/2012 15:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 2.6 Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.92	U	0.92	0.15
74-83-9	Bromomethane	0.92	U	0.92	0.40
75-01-4	Vinyl chloride	0.92	U	0.92	0.31
75-00-3	Chloroethane	0.92	U	0.92	0.30
75-09-2	Methylene Chloride	0.48	J B	0.92	0.14
67-64-1	Acetone	10	B	9.2	1.6
75-15-0	Carbon disulfide	0.92	U	0.92	0.14
75-35-4	1,1-Dichloroethene	0.92	U	0.92	0.18
75-34-3	1,1-Dichloroethane	0.92	U	0.92	0.10
156-60-5	trans-1,2-Dichloroethene	0.92	U	0.92	0.12
156-59-2	cis-1,2-Dichloroethene	0.92	U	0.92	0.10
67-66-3	Chloroform	0.92	U	0.92	0.22
107-06-2	1,2-Dichloroethane	0.92	U	0.92	0.17
78-93-3	Methyl Ethyl Ketone	9.2	U	9.2	0.58
71-55-6	1,1,1-Trichloroethane	0.92	U	0.92	0.12
56-23-5	Carbon tetrachloride	0.92	U	0.92	0.14
75-27-4	Bromodichloromethane	0.92	U	0.92	0.30
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.14
10061-01-5	cis-1,3-Dichloropropene	0.92	U	0.92	0.13
79-01-6	Trichloroethene	0.92	U	0.92	0.11
124-48-1	Dibromochloromethane	0.92	U	0.92	0.092
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	0.13
71-43-2	Benzene	0.92	U	0.92	0.14
10061-02-6	trans-1,3-Dichloropropene	0.92	U	0.92	0.092
75-25-2	Bromoform	0.92	U	0.92	0.16
108-10-1	methyl isobutyl ketone	9.2	U	9.2	0.18
591-78-6	2-Hexanone	9.2	U	9.2	0.12
127-18-4	Tetrachloroethene	4.0		0.92	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.92	U	0.92	0.083
108-88-3	Toluene	0.92	U	0.92	0.13
108-90-7	Chlorobenzene	0.92	U	0.92	0.17
100-41-4	Ethylbenzene	0.92	U	0.92	0.16
100-42-5	Styrene	0.92	U	0.92	0.26
1330-20-7	Xylenes, Total	2.8	U	2.8	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPS- N Lab Sample ID: 460-43868-4
Matrix: Solid Lab File ID: k04082.d
Analysis Method: 8260B Date Collected: 08/21/2012 10:55
Sample wt/vol: 5.56(g) Date Analyzed: 08/31/2012 15:51
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: 2.6 Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	103		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04082.d
 Report Date: 04-Sep-2012 14:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04082.d
 Lab Smp Id: 460-43868-A-4-B Client Smp ID: CPS- N
 Inj Date : 31-AUG-2012 15:51
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-4-B;;;5.56;5
 Misc Info : 460-43868-A-4-B
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 18
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.56000	Weight of sample extracted (g)
M	2.57186	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	=====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.904	2.904	(0.534)	11080	11.2077	10	
6 Methylene Chloride	84	3.268	3.252	(0.601)	1886	0.51496	0.48(a)	
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.167	5.162	(0.950)	139273	49.4700	46	
* 69 Fluorobenzene	96	5.440	5.434	(1.000)	604772	50.0000		
\$ 37 Toluene-d8 (SUR)	98	7.119	7.114	(0.799)	533822	47.0733	43	
35 Tetrachloroethene	166	7.804	7.799	(0.876)	19464	4.32361	4.0	
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	431349	50.0000		
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	209969	51.3384	47	
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	226112	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04082.d

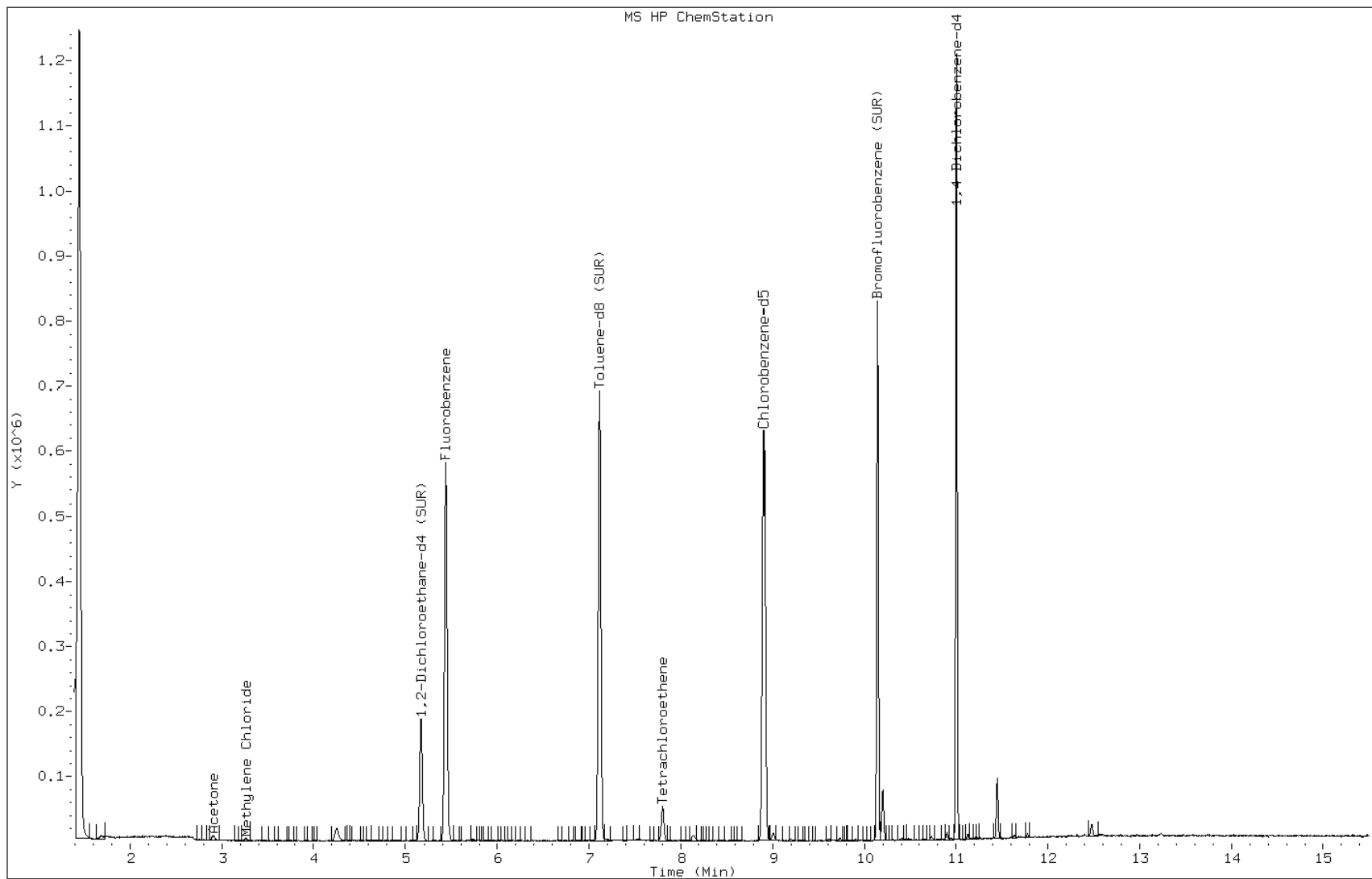
Date: 31-AUG-2012 15:51

Client ID: CPS- N

Instrument: VOAMS9.i

Sample Info: 460-43868-A-4-B;;;5.56;5

Operator: VOAMS 9



Data File: k04082.d

Date: 31-AUG-2012 15:51

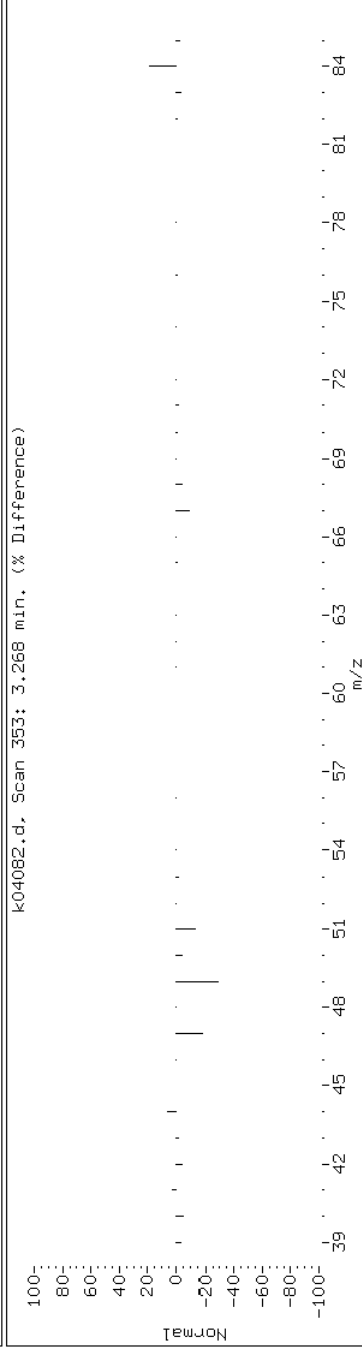
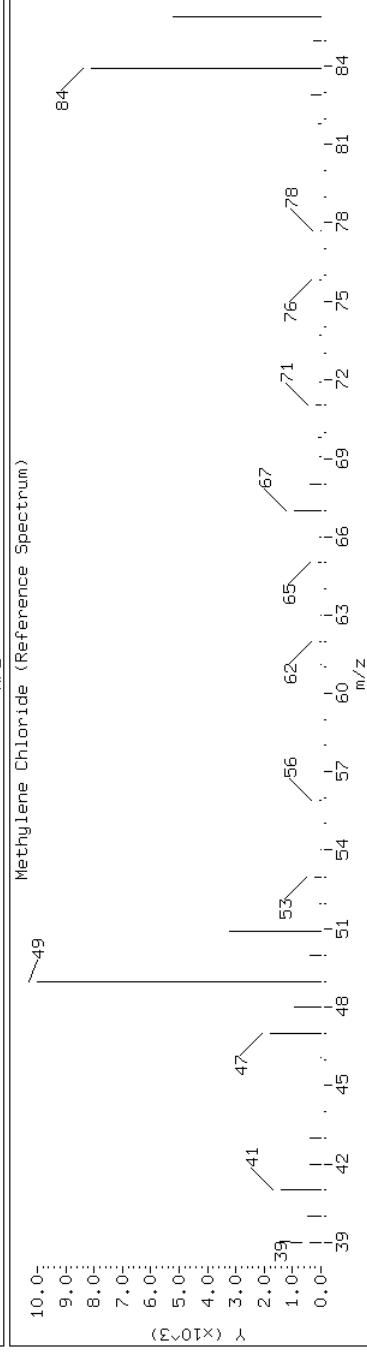
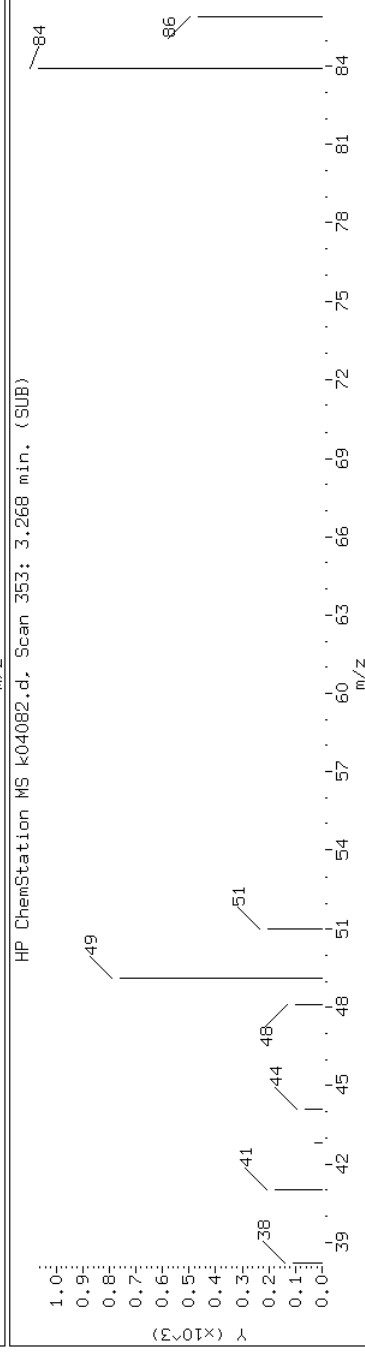
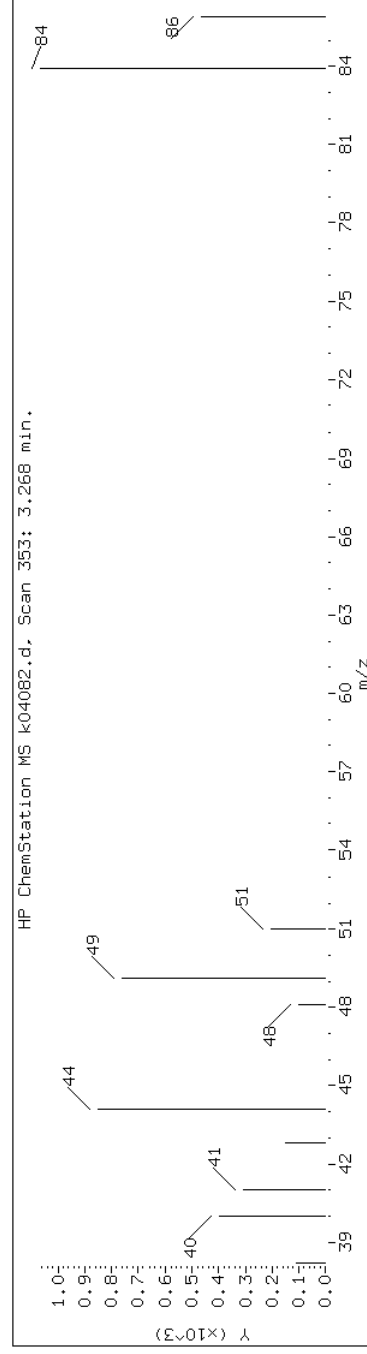
Client ID: CPS- N

Instrument: VOAMS9.i

Sample Info: 460-43868-A-4-B;;;5.56;5

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04082.d

Date: 31-AUG-2012 15:51

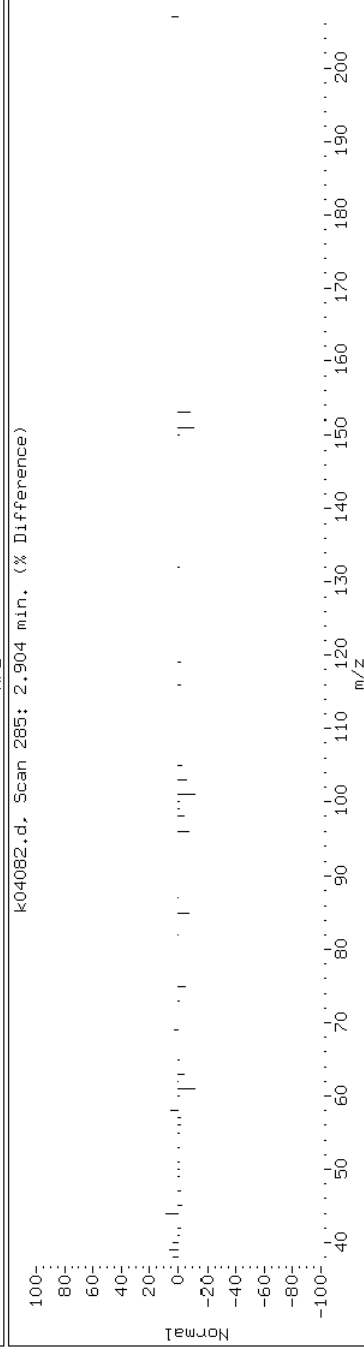
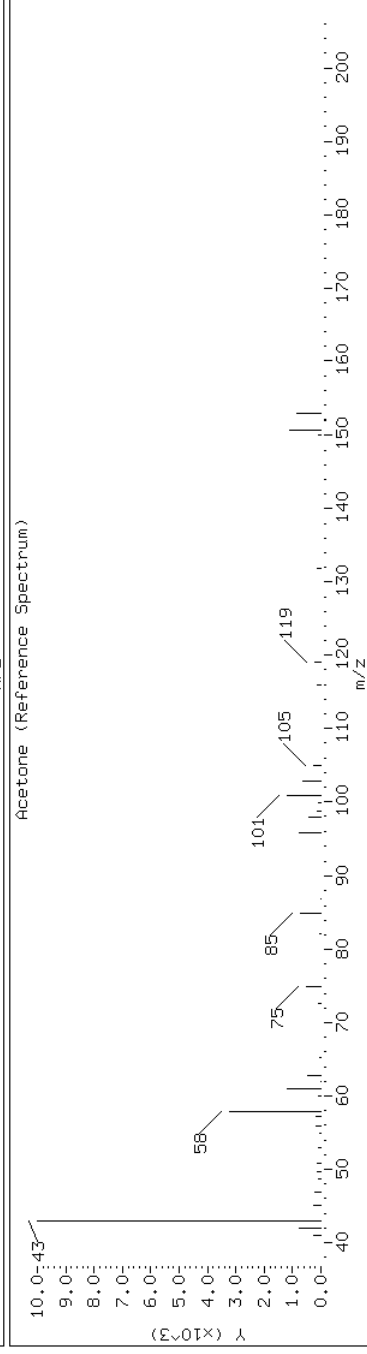
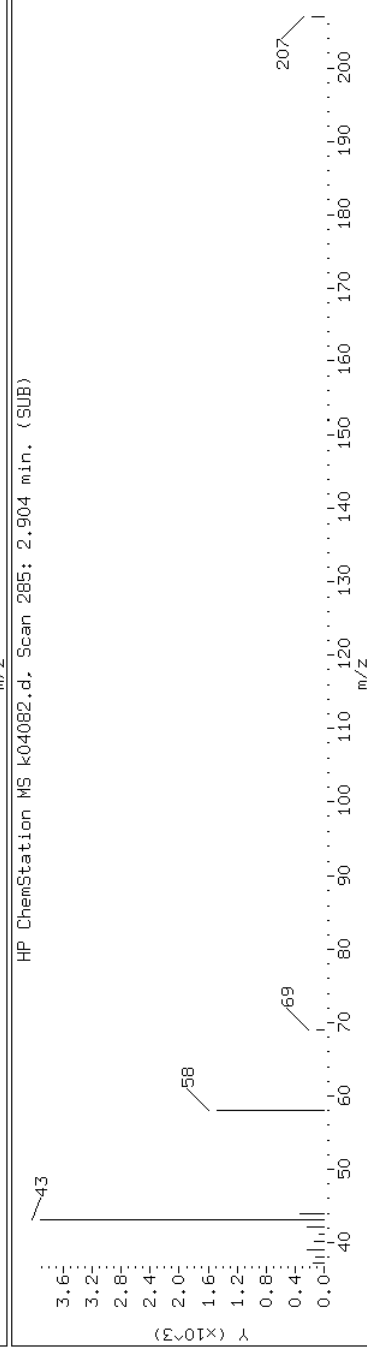
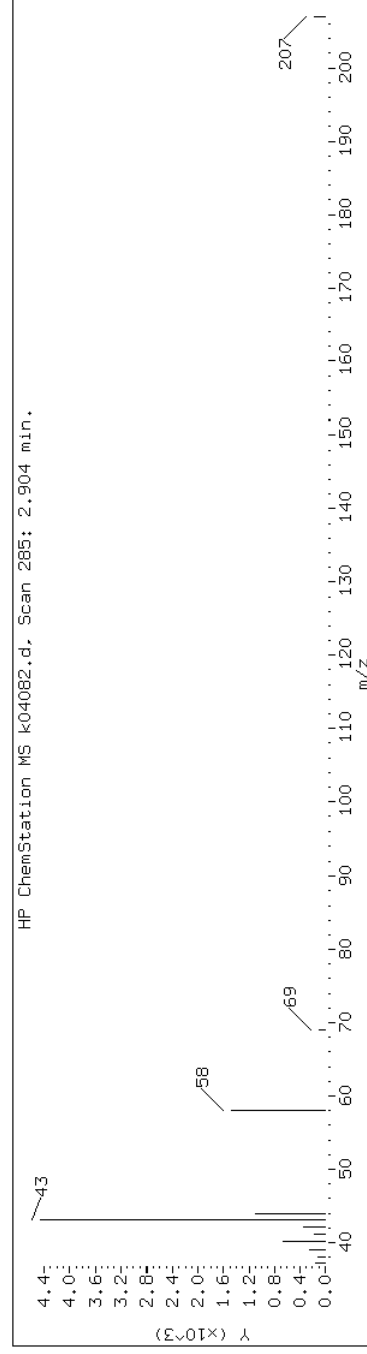
Client ID: CPS- N

Instrument: VOAMS9.i

Sample Info: 460-43868-A-4-B;;5.56;5

Operator: VOAMS 9

7 Acetone



Data File: k04082.d

Date: 31-AUG-2012 15:51

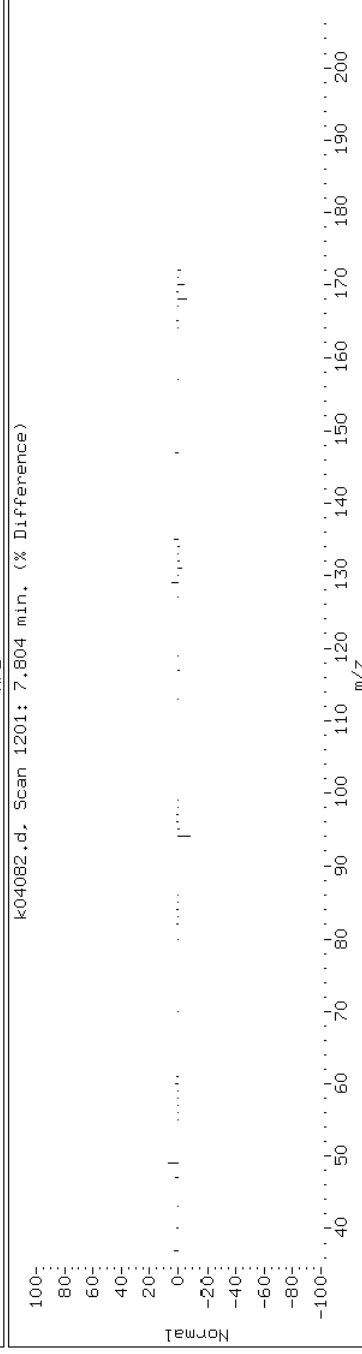
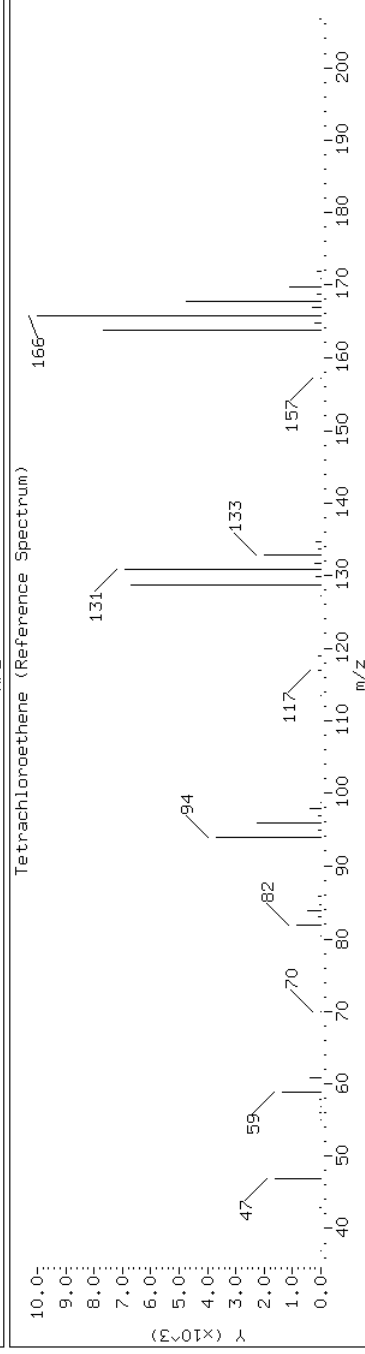
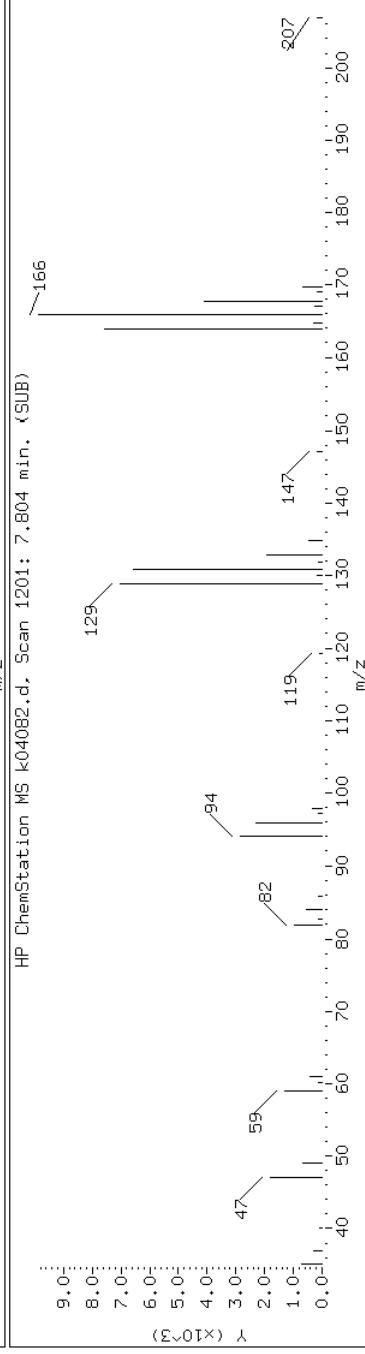
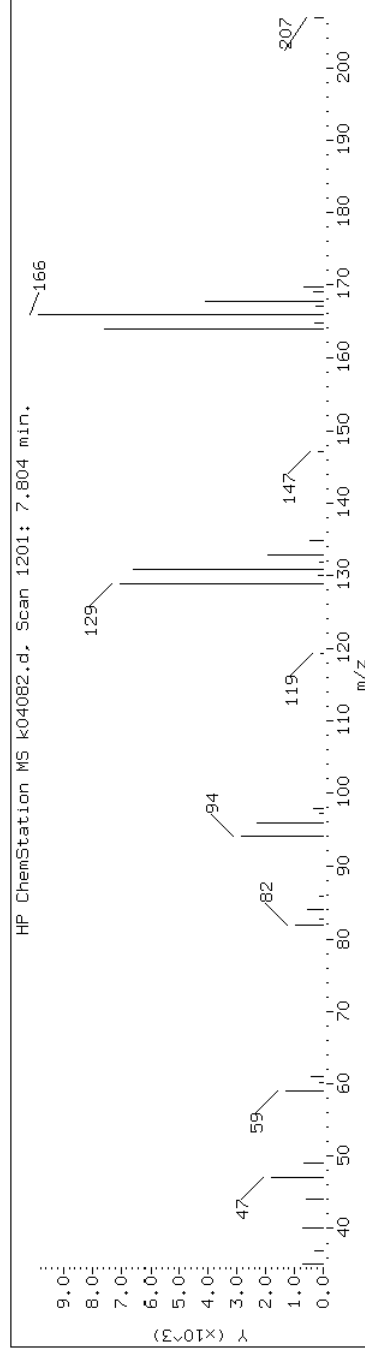
Client ID: CPS- N

Instrument: VOAMS9.i

Sample Info: 460-43868-A-4-B;;;5.56;5

Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPS- S Lab Sample ID: 460-43868-5

Matrix: Solid Lab File ID: k04083.d

Analysis Method: 8260B Date Collected: 08/21/2012 11:05

Sample wt/vol: 5.03(g) Date Analyzed: 08/31/2012 16:13

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.17
74-83-9	Bromomethane	1.0	U	1.0	0.45
75-01-4	Vinyl chloride	1.0	U	1.0	0.35
75-00-3	Chloroethane	1.0	U	1.0	0.34
75-09-2	Methylene Chloride	0.71	J B	1.0	0.16
67-64-1	Acetone	13	B	10	1.8
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.11
67-66-3	Chloroform	1.0	U	1.0	0.25
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	Methyl Ethyl Ketone	10	U	10	0.66
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.14
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.16
75-27-4	Bromodichloromethane	1.0	U	1.0	0.33
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.16
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.15
79-01-6	Trichloroethene	1.0	U	1.0	0.13
124-48-1	Dibromochloromethane	1.0	U	1.0	0.10
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.15
71-43-2	Benzene	1.0	U	1.0	0.16
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.10
75-25-2	Bromoform	1.0	U	1.0	0.18
108-10-1	methyl isobutyl ketone	10	U	10	0.21
591-78-6	2-Hexanone	10	U	10	0.14
127-18-4	Tetrachloroethene	5.9		1.0	0.13
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.094
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.19
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
100-42-5	Styrene	1.0	U	1.0	0.29
1330-20-7	Xylenes, Total	3.1	U	3.1	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPS- S Lab Sample ID: 460-43868-5
Matrix: Solid Lab File ID: k04083.d
Analysis Method: 8260B Date Collected: 08/21/2012 11:05
Sample wt/vol: 5.03(g) Date Analyzed: 08/31/2012 16:13
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: 4.8 Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04083.d
 Report Date: 04-Sep-2012 14:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04083.d
 Lab Smp Id: 460-43868-A-5-B Client Smp ID: CPS- S
 Inj Date : 31-AUG-2012 16:13
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-5-B;;;5.03;5
 Misc Info : 460-43868-A-5-B
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 19
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.03000	Weight of sample extracted (g)
M	4.76839	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	=====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.909	2.904	(0.535)	12082	12.1206	13	
6 Methylene Chloride	84	3.257	3.252	(0.599)	2503	0.67737	0.71(a)	
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.162	5.162	(0.949)	139140	48.9853	51	
* 69 Fluorobenzene	96	5.440	5.434	(1.000)	610173	50.0000		
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	526471	46.0805	48	
35 Tetrachloroethene	166	7.804	7.799	(0.876)	25617	5.64818	5.9	
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	434574	50.0000		
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	207665	50.2029	52	
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	228689	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04083.d

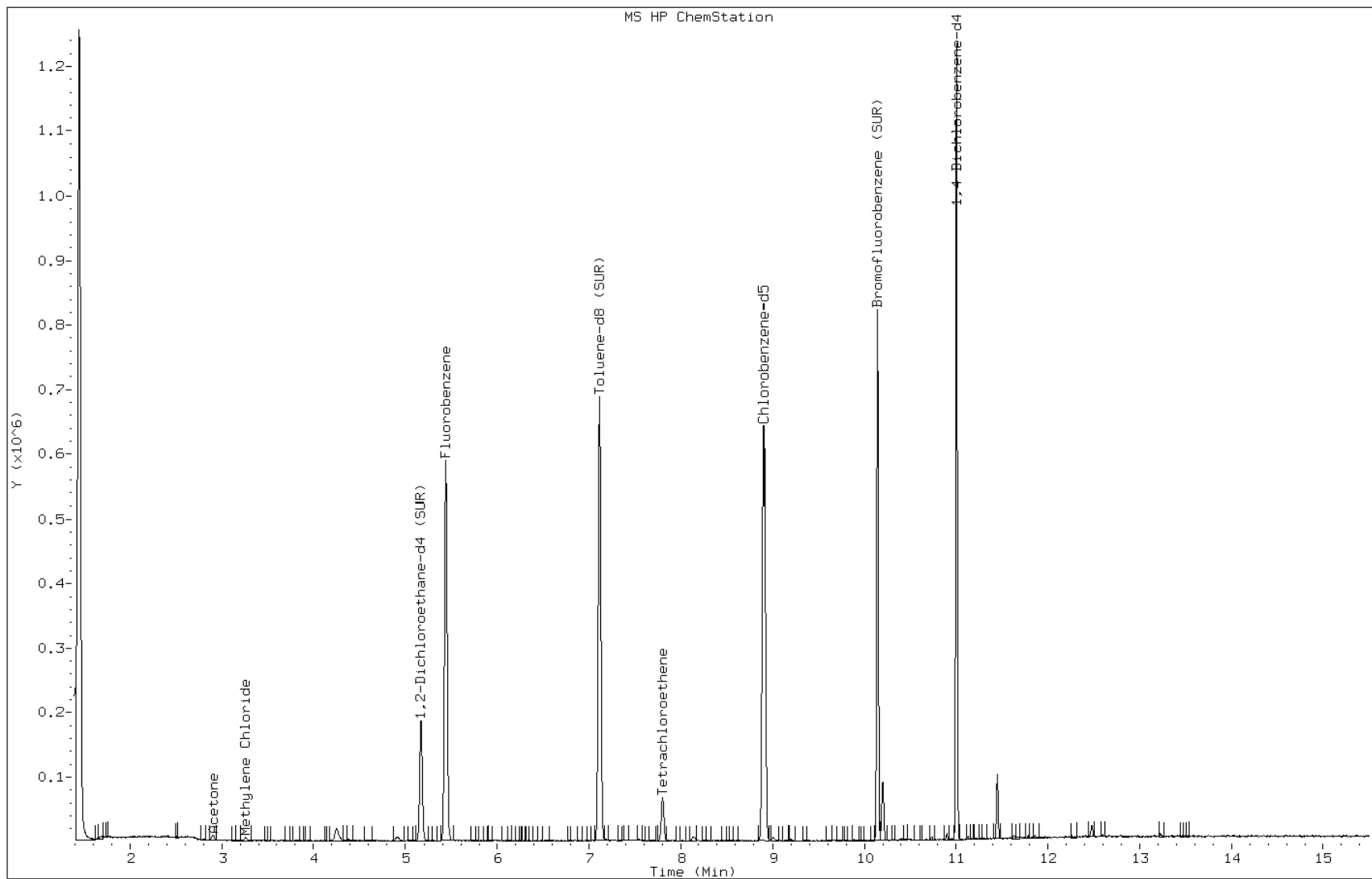
Date: 31-AUG-2012 16:13

Client ID: CPS- S

Instrument: VOAMS9.i

Sample Info: 460-43868-A-5-B;;;5.03;5

Operator: VOAMS 9



Data File: k04083.d

Date: 31-AUG-2012 16:13

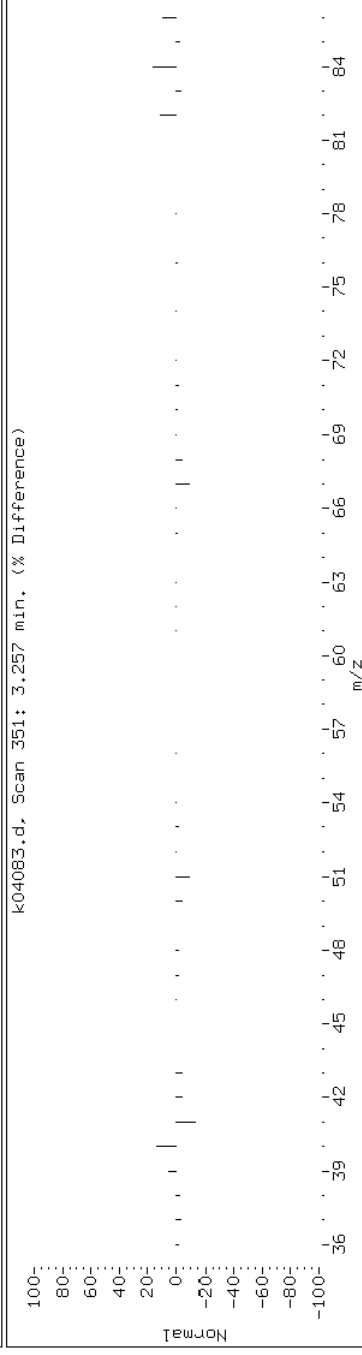
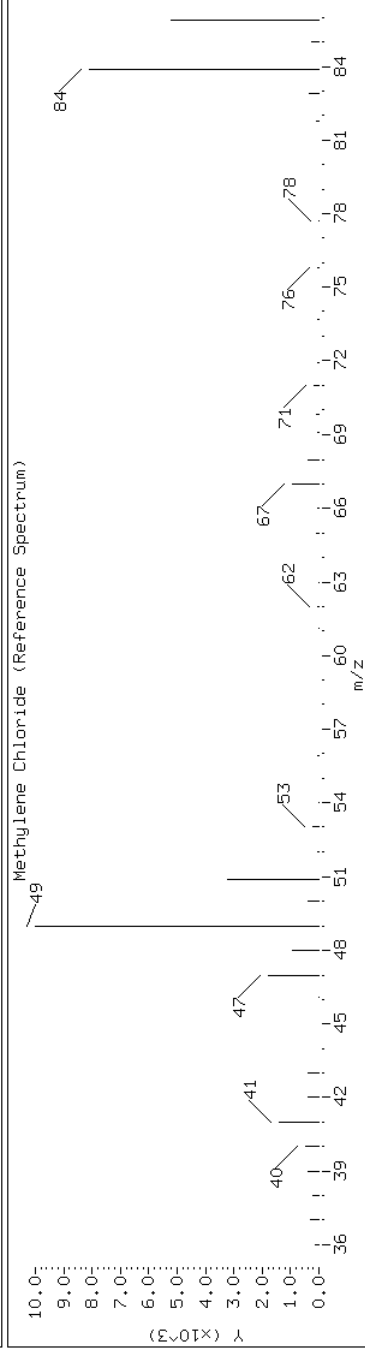
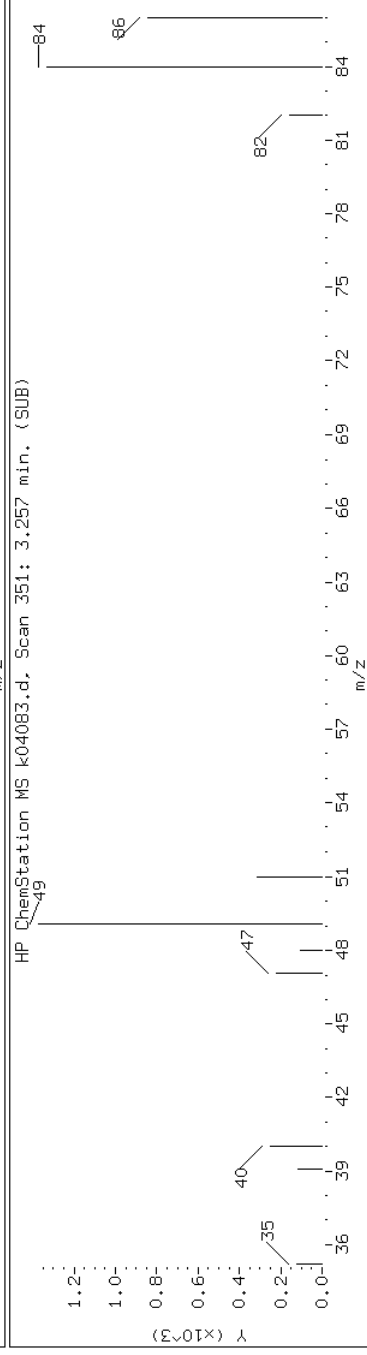
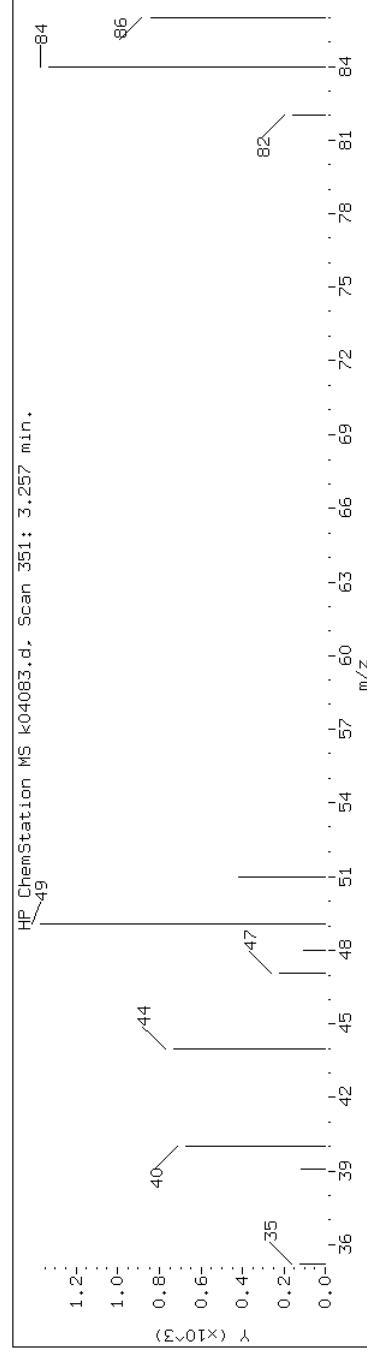
Client ID: CPS- S

Instrument: VOAMS9.i

Sample Info: 460-43868-A-5-B;;;5.03;5

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04083.d

Date: 31-AUG-2012 16:13

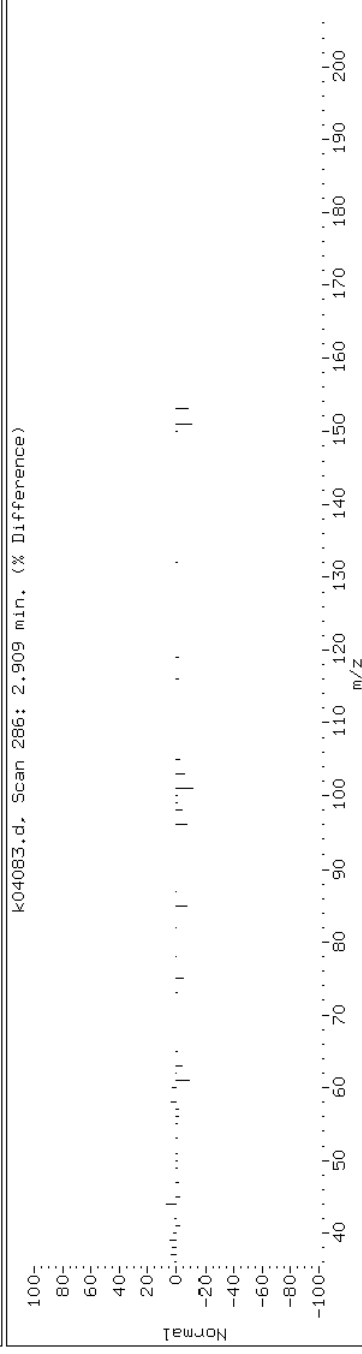
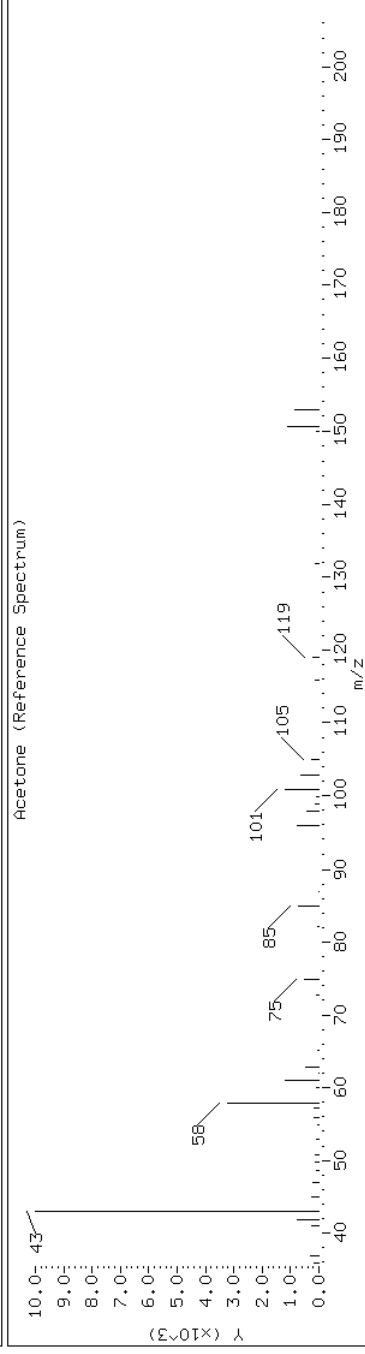
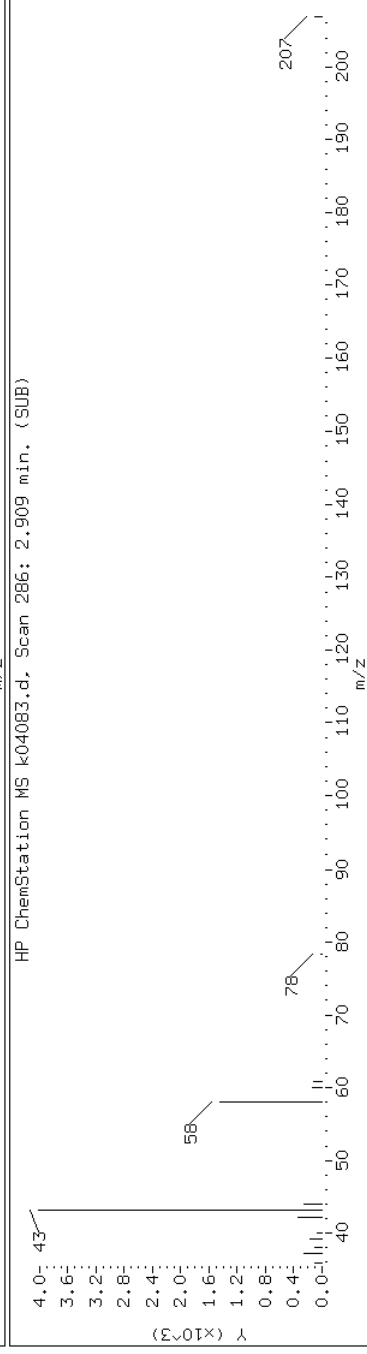
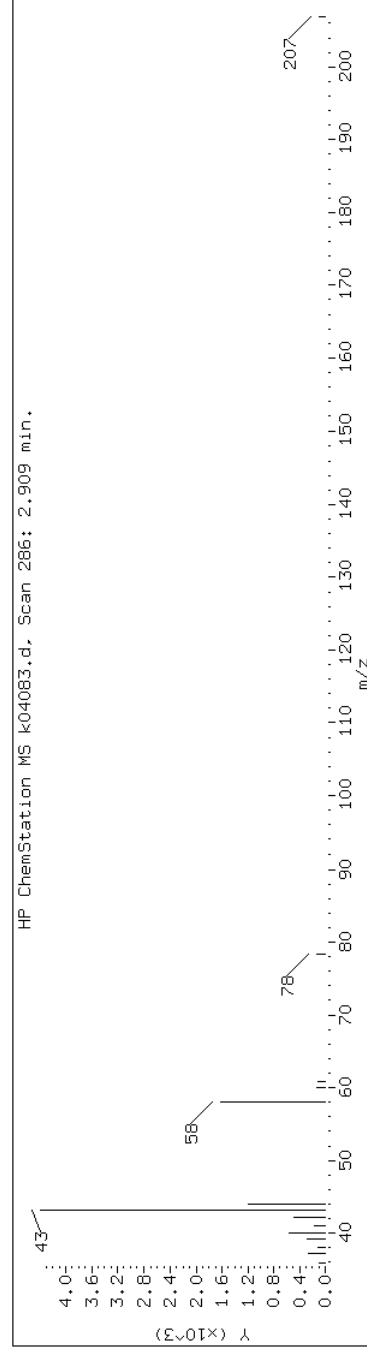
Client ID: CPS- S

Instrument: VOAMS9.i

Sample Info: 460-43868-A-5-B;;;5.03;5

Operator: VOAMS 9

7 Acetone



Data File: k04083.d

Date: 31-AUG-2012 16:13

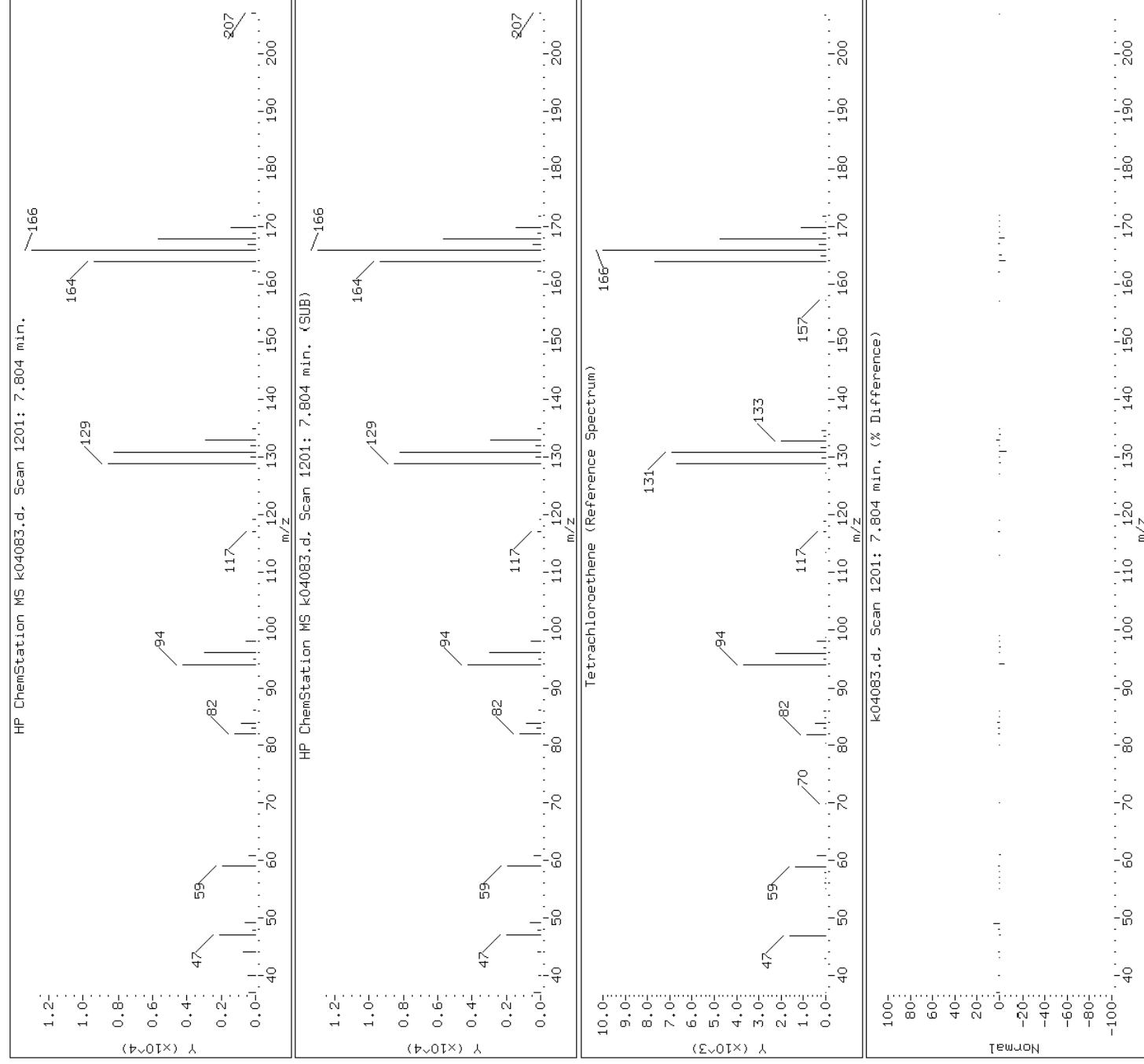
Client ID: CPS- S

Instrument: VOAMS9.i

Sample Info: 460-43868-A-5-B;;;5.03;5

Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPS- W Lab Sample ID: 460-43868-6

Matrix: Solid Lab File ID: k04084.d

Analysis Method: 8260B Date Collected: 08/21/2012 11:10

Sample wt/vol: 5.36(g) Date Analyzed: 08/31/2012 16:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 2.5 Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.96	U	0.96	0.15
74-83-9	Bromomethane	0.96	U	0.96	0.41
75-01-4	Vinyl chloride	0.96	U	0.96	0.33
75-00-3	Chloroethane	0.96	U	0.96	0.32
75-09-2	Methylene Chloride	0.46	J B	0.96	0.14
67-64-1	Acetone	6.2	J B	9.6	1.6
75-15-0	Carbon disulfide	0.96	U	0.96	0.14
75-35-4	1,1-Dichloroethene	0.96	U	0.96	0.18
75-34-3	1,1-Dichloroethane	0.96	U	0.96	0.11
156-60-5	trans-1,2-Dichloroethene	0.96	U	0.96	0.12
156-59-2	cis-1,2-Dichloroethene	0.96	U	0.96	0.11
67-66-3	Chloroform	0.96	U	0.96	0.23
107-06-2	1,2-Dichloroethane	0.96	U	0.96	0.17
78-93-3	Methyl Ethyl Ketone	9.6	U	9.6	0.60
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	0.12
56-23-5	Carbon tetrachloride	0.96	U	0.96	0.14
75-27-4	Bromodichloromethane	0.96	U	0.96	0.31
78-87-5	1,2-Dichloropropane	0.96	U	0.96	0.14
10061-01-5	cis-1,3-Dichloropropene	0.96	U	0.96	0.13
79-01-6	Trichloroethene	0.96	U	0.96	0.11
124-48-1	Dibromochloromethane	0.96	U	0.96	0.096
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	0.13
71-43-2	Benzene	0.96	U	0.96	0.14
10061-02-6	trans-1,3-Dichloropropene	0.96	U	0.96	0.096
75-25-2	Bromoform	0.96	U	0.96	0.16
108-10-1	methyl isobutyl ketone	9.6	U	9.6	0.19
591-78-6	2-Hexanone	9.6	U	9.6	0.12
127-18-4	Tetrachloroethene	10		0.96	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.96	U	0.96	0.086
108-88-3	Toluene	0.96	U	0.96	0.13
108-90-7	Chlorobenzene	0.96	U	0.96	0.17
100-41-4	Ethylbenzene	0.96	U	0.96	0.16
100-42-5	Styrene	0.96	U	0.96	0.27
1330-20-7	Xylenes, Total	2.9	U	2.9	0.64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPS- W Lab Sample ID: 460-43868-6
Matrix: Solid Lab File ID: k04084.d
Analysis Method: 8260B Date Collected: 08/21/2012 11:10
Sample wt/vol: 5.36(g) Date Analyzed: 08/31/2012 16:34
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: 2.5 Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04084.d
 Report Date: 04-Sep-2012 14:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04084.d
 Lab Smp Id: 460-43868-A-6-B Client Smp ID: CPS- W
 Inj Date : 31-AUG-2012 16:34
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-6-B;;;5.36;5
 Misc Info : 460-43868-A-6-B
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 20
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.36000	Weight of sample extracted (g)
M	2.50000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	=====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.899	2.904	(0.533)	6397	6.45277	6.2(a)	
6 Methylene Chloride	84	3.262	3.252	(0.600)	1762	0.48134	0.46(a)	
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.162	5.162	(0.949)	138972	49.3877	47	
* 69 Fluorobenzene	96	5.440	5.434	(1.000)	604470	50.0000		
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	528270	46.9504	45	
35 Tetrachloroethene	166	7.804	7.799	(0.876)	47392	10.6102	10	
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	427980	50.0000		
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	205480	49.8012	48	
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	228108	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04084.d

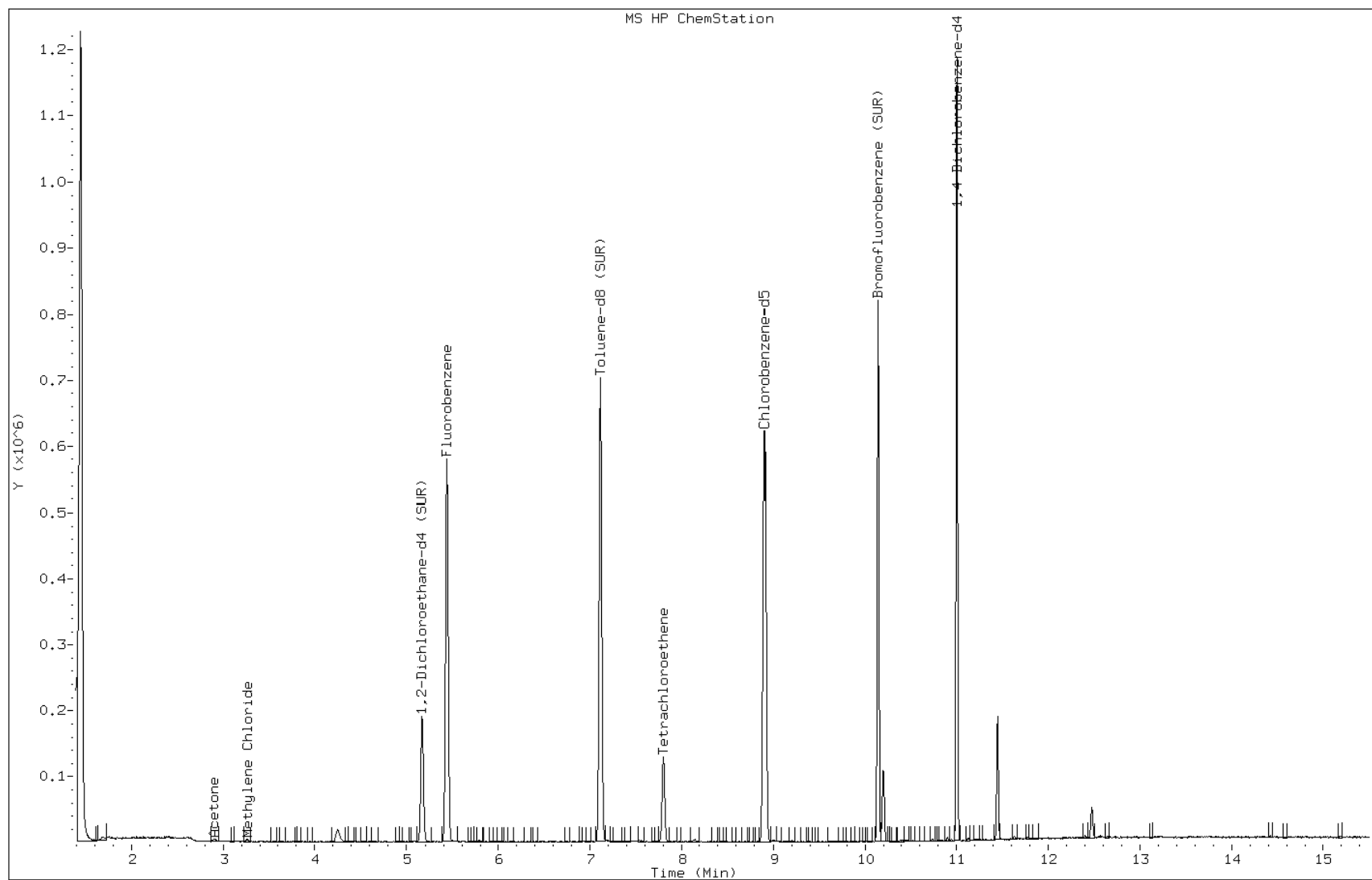
Date: 31-AUG-2012 16:34

Client ID: CPS- W

Instrument: VOAMS9.i

Sample Info: 460-43868-A-6-B;;;5.36;5

Operator: VOAMS 9



Data File: k04084.d

Date: 31-AUG-2012 16:34

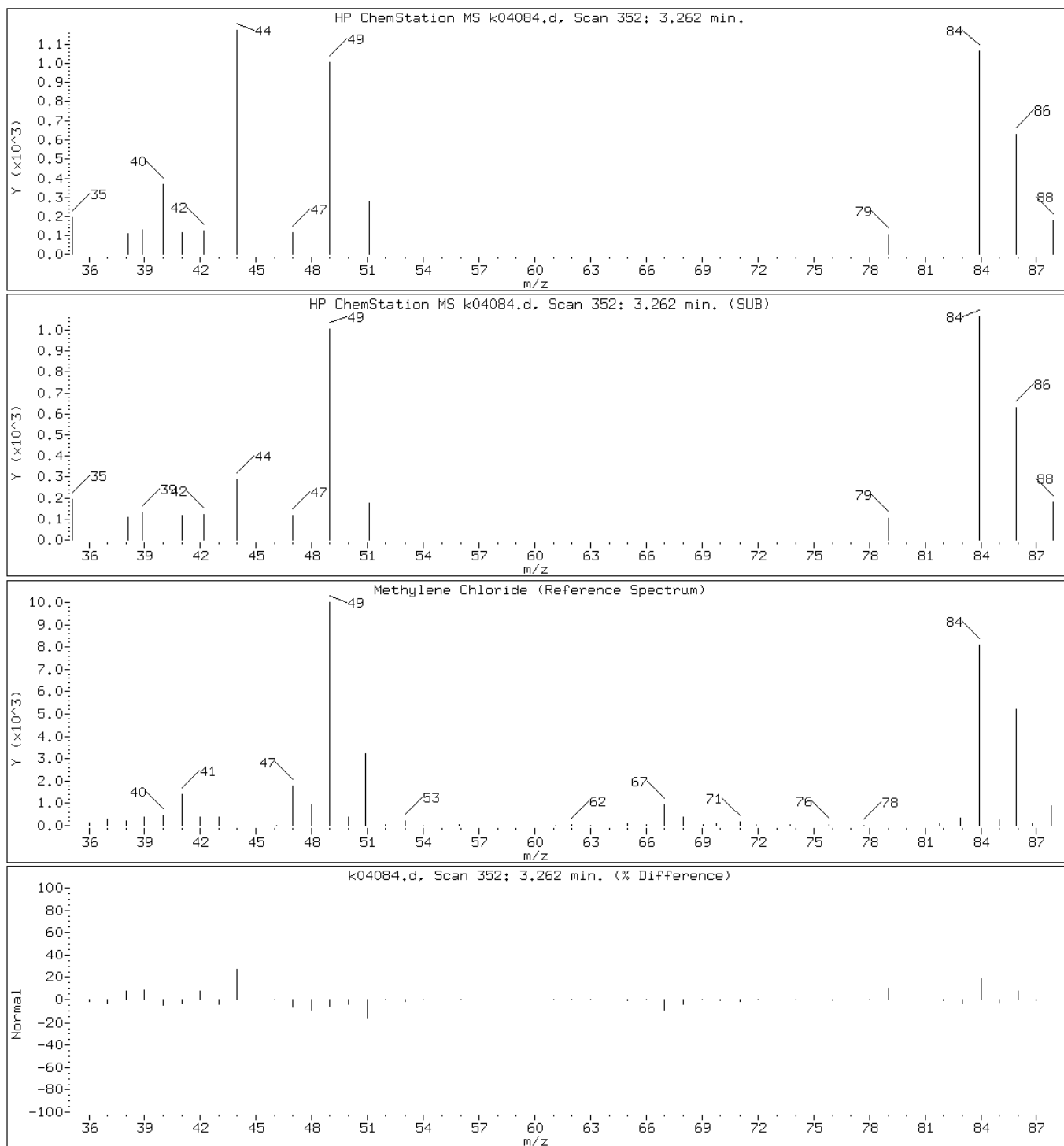
Client ID: CPS- W

Instrument: VOAMS9.i

Sample Info: 460-43868-A-6-B;;;5.36;5

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04084.d

Date: 31-AUG-2012 16:34

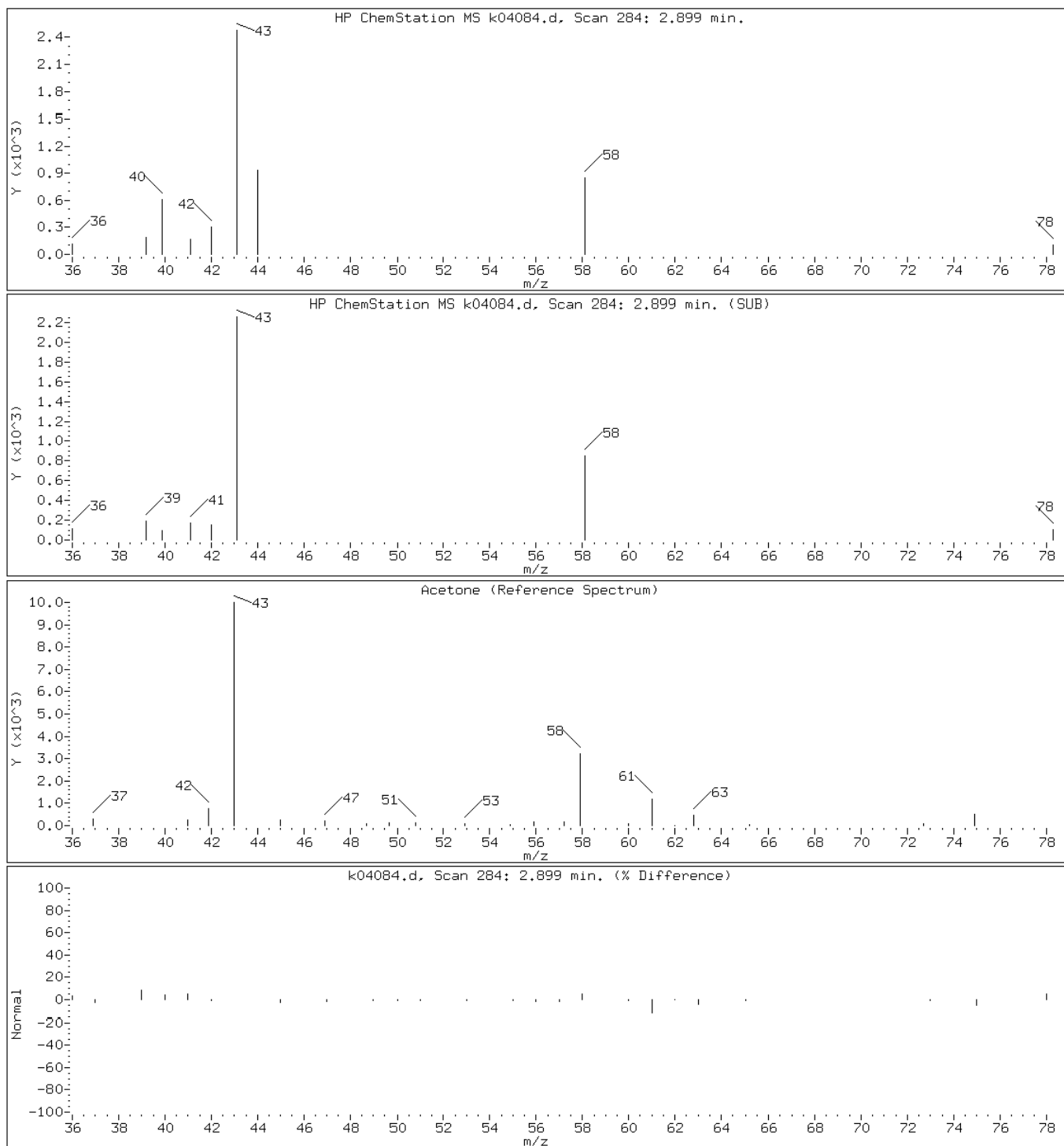
Client ID: CPS- W

Instrument: VOAMS9.i

Sample Info: 460-43868-A-6-B;;;5.36;5

Operator: VOAMS 9

7 Acetone



Data File: k04084.d

Date: 31-AUG-2012 16:34

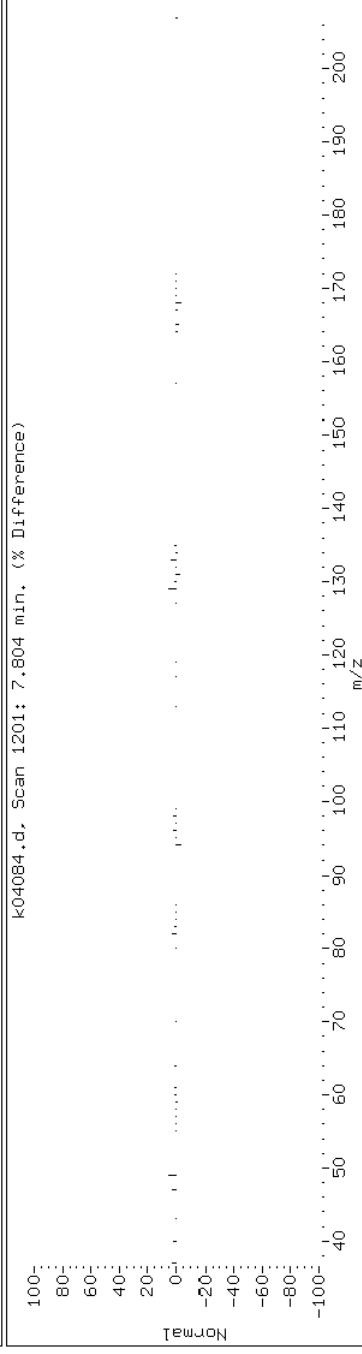
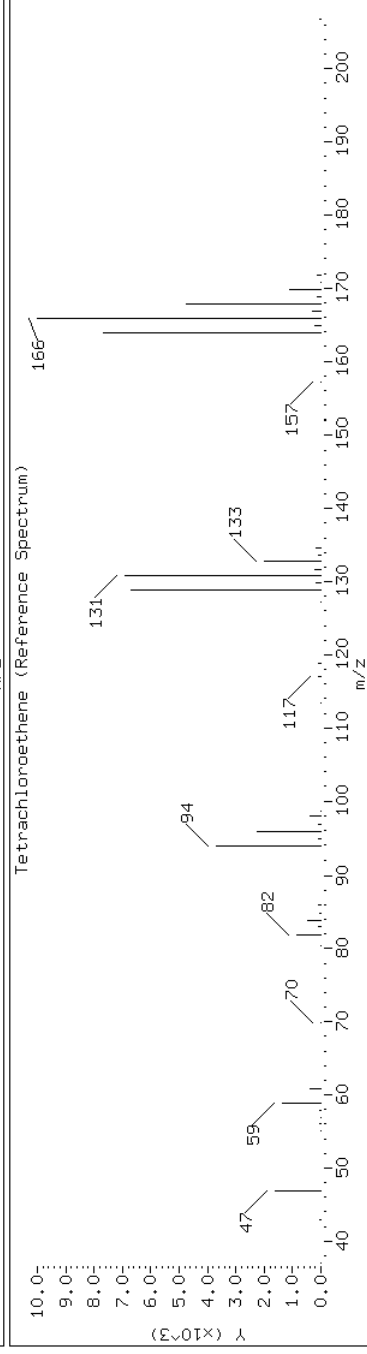
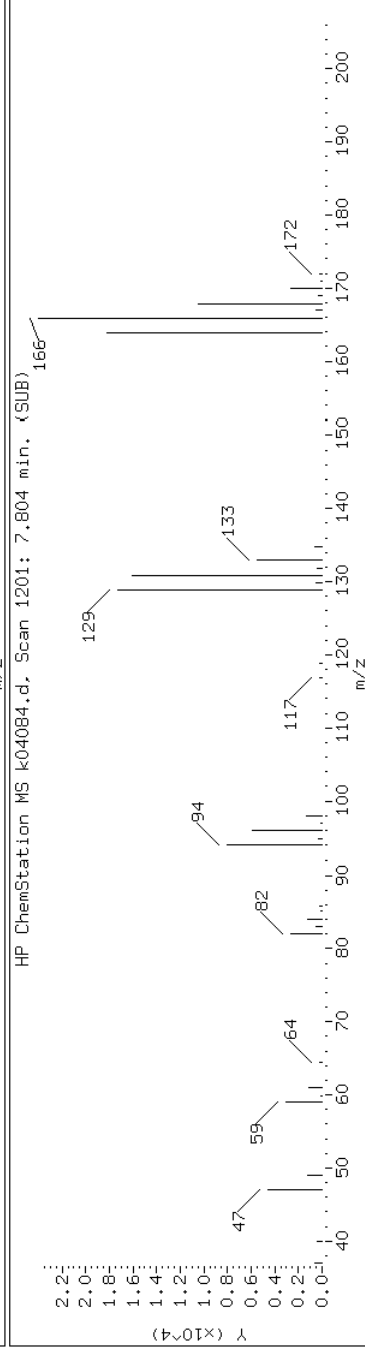
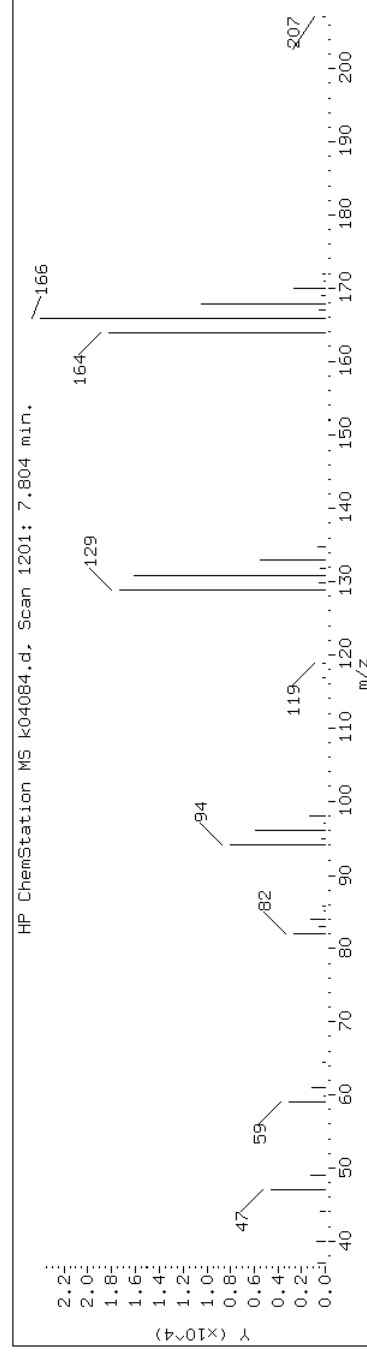
Client ID: CPS- W

Instrument: VOAMS9.i

Sample Info: 460-43868-A-6-B;;5.36;5

Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPS- B Lab Sample ID: 460-43868-7

Matrix: Solid Lab File ID: k04102.d

Analysis Method: 8260B Date Collected: 08/21/2012 11:15

Sample wt/vol: 5.48(g) Date Analyzed: 09/04/2012 09:19

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: 3.1 Level: (low/med) Low

Analysis Batch No.: 126458 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.94	U	0.94	0.15
74-83-9	Bromomethane	0.94	U	0.94	0.40
75-01-4	Vinyl chloride	0.94	U	0.94	0.32
75-00-3	Chloroethane	0.94	U	0.94	0.31
75-09-2	Methylene Chloride	0.57	J B	0.94	0.14
67-64-1	Acetone	4.4	J B	9.4	1.6
75-15-0	Carbon disulfide	0.94	U	0.94	0.14
75-35-4	1,1-Dichloroethene	0.94	U	0.94	0.18
75-34-3	1,1-Dichloroethane	0.94	U	0.94	0.10
156-60-5	trans-1,2-Dichloroethene	0.94	U	0.94	0.12
156-59-2	cis-1,2-Dichloroethene	0.94	U	0.94	0.10
67-66-3	Chloroform	0.94	U	0.94	0.23
107-06-2	1,2-Dichloroethane	0.94	U	0.94	0.17
78-93-3	Methyl Ethyl Ketone	9.4	U	9.4	0.59
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	0.12
56-23-5	Carbon tetrachloride	0.94	U *	0.94	0.14
75-27-4	Bromodichloromethane	0.94	U	0.94	0.30
78-87-5	1,2-Dichloropropane	0.94	U	0.94	0.14
10061-01-5	cis-1,3-Dichloropropene	0.94	U	0.94	0.13
79-01-6	Trichloroethene	0.94	U	0.94	0.11
124-48-1	Dibromochloromethane	0.94	U	0.94	0.094
79-00-5	1,1,2-Trichloroethane	0.94	U	0.94	0.13
71-43-2	Benzene	0.94	U	0.94	0.14
10061-02-6	trans-1,3-Dichloropropene	0.94	U	0.94	0.094
75-25-2	Bromoform	0.94	U	0.94	0.16
108-10-1	methyl isobutyl ketone	9.4	U	9.4	0.19
591-78-6	2-Hexanone	9.4	U	9.4	0.12
127-18-4	Tetrachloroethene	2.4		0.94	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	0.94	0.085
108-88-3	Toluene	0.94	U	0.94	0.13
108-90-7	Chlorobenzene	0.94	U	0.94	0.17
100-41-4	Ethylbenzene	0.94	U	0.94	0.16
100-42-5	Styrene	0.94	U	0.94	0.26
1330-20-7	Xylenes, Total	2.8	U	2.8	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPS- B Lab Sample ID: 460-43868-7
Matrix: Solid Lab File ID: k04102.d
Analysis Method: 8260B Date Collected: 08/21/2012 11:15
Sample wt/vol: 5.48(g) Date Analyzed: 09/04/2012 09:19
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: 3.1 Level: (low/med) Low
Analysis Batch No.: 126458 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04102.d
 Report Date: 04-Sep-2012 10:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04102.d
 Lab Smp Id: 460-43868-A-7-C Client Smp ID: CPS- B
 Inj Date : 04-SEP-2012 09:19
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-7-C;;;5.48;5
 Misc Info : 460-43868-A-7-C
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/8260L_10.m
 Meth Date : 04-Sep-2012 06:15 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.48000	Weight of sample extracted (g)
M	3.10734	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.904	2.909	(0.534)	5078	4.66117	4.4(a)
6 Methylene Chloride	84	3.262	3.262	(0.600)	2452	0.61029	0.57(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.161	5.167	(0.950)	149694	48.4694	46
* 69 Fluorobenzene	96	5.434	5.440	(1.000)	663442	50.0000	
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	576382	46.2776	44
35 Tetrachloroethene	166	7.804	7.804	(0.876)	12470	2.52211	2.4
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	473747	50.0000	
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	230081	50.7186	48
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	250798	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04102.d

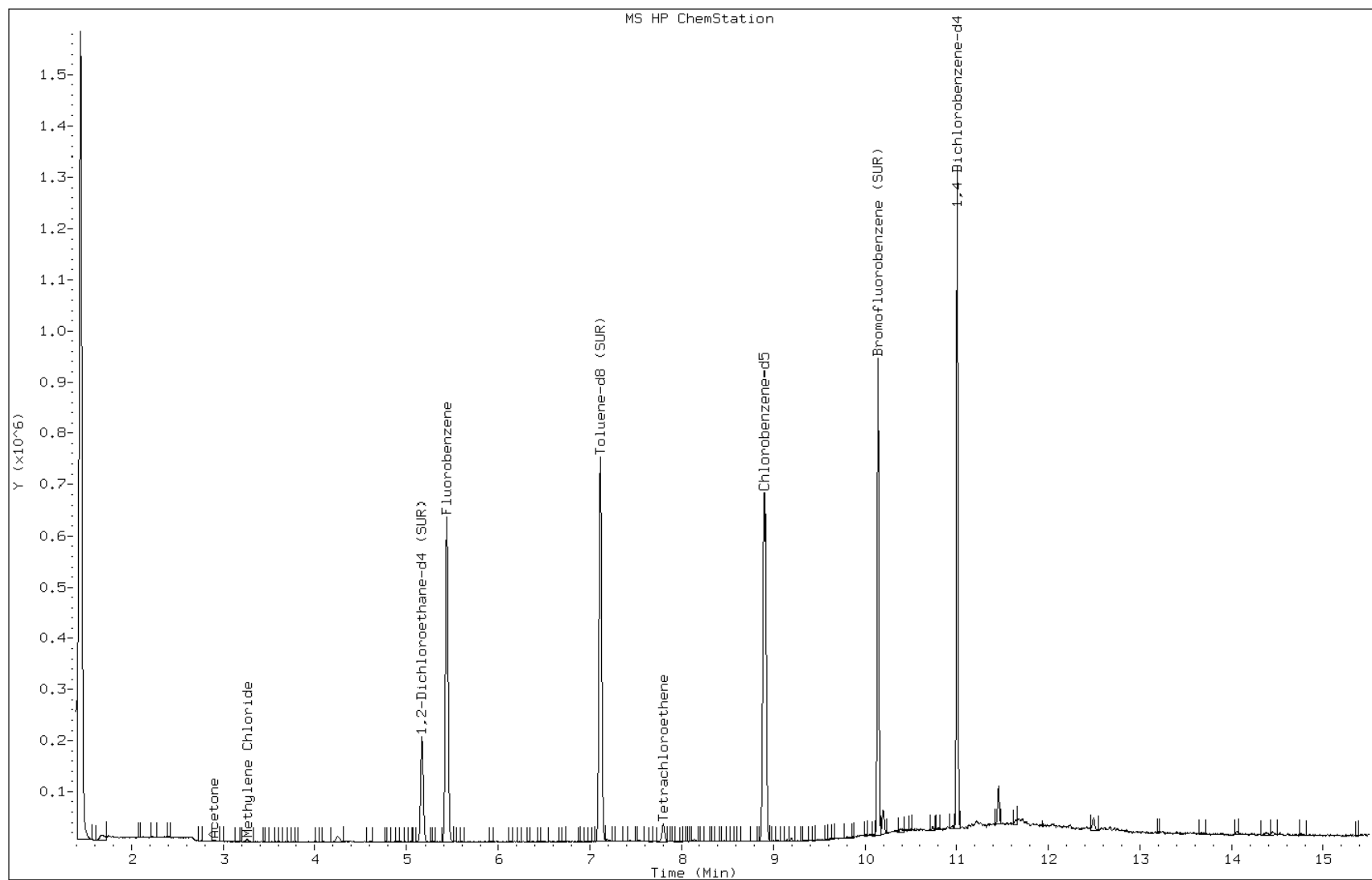
Date: 04-SEP-2012 09:19

Client ID: CPS- B

Instrument: VOAMS9.i

Sample Info: 460-43868-A-7-C;;;5.48;5

Operator: VOAMS 9



Data File: k04102.d

Date: 04-SEP-2012 09:19

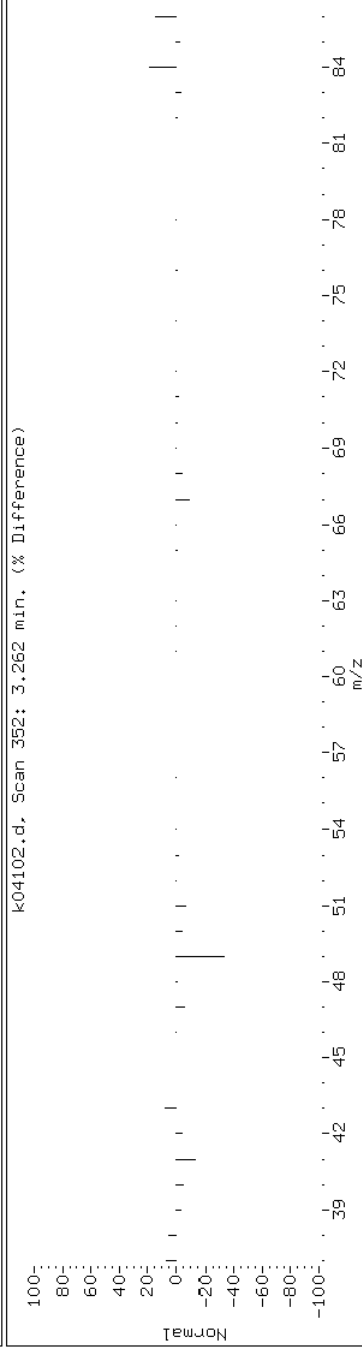
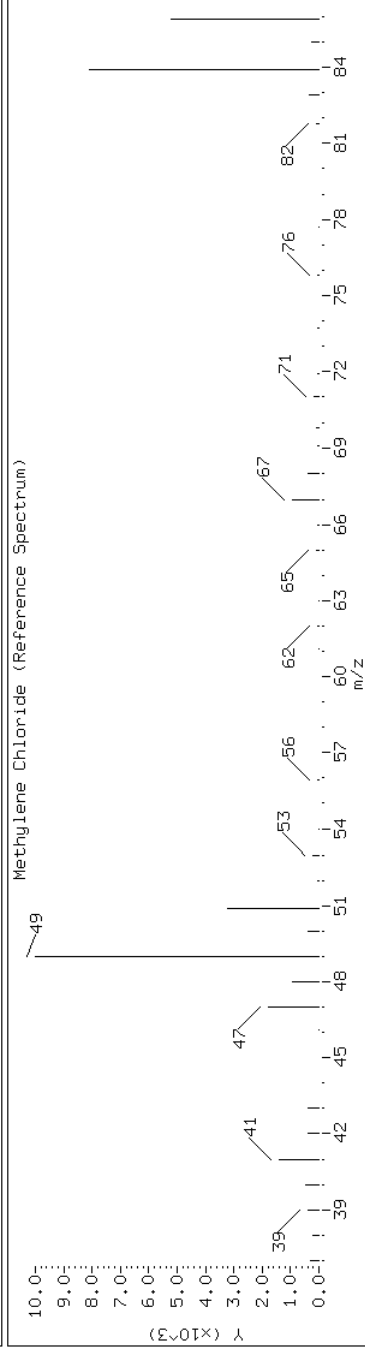
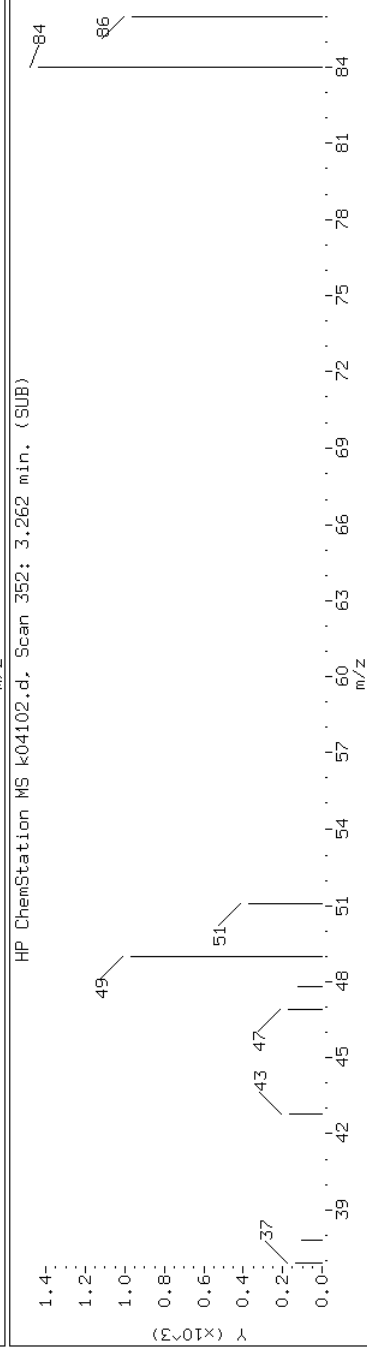
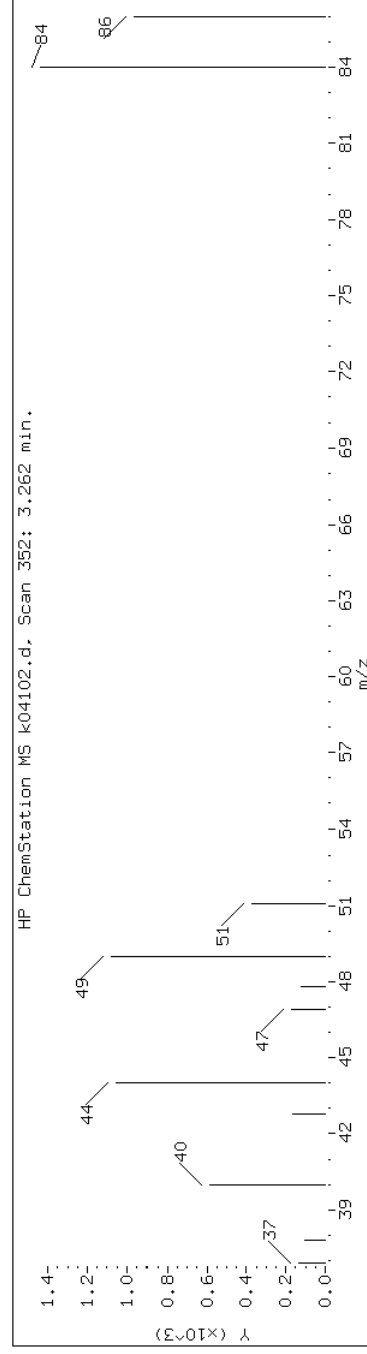
Client ID: CPS- B

Instrument: VOAMS9.i

Sample Info: 460-43868-A-7-C;;;5.48;5

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04102.d

Date: 04-SEP-2012 09:19

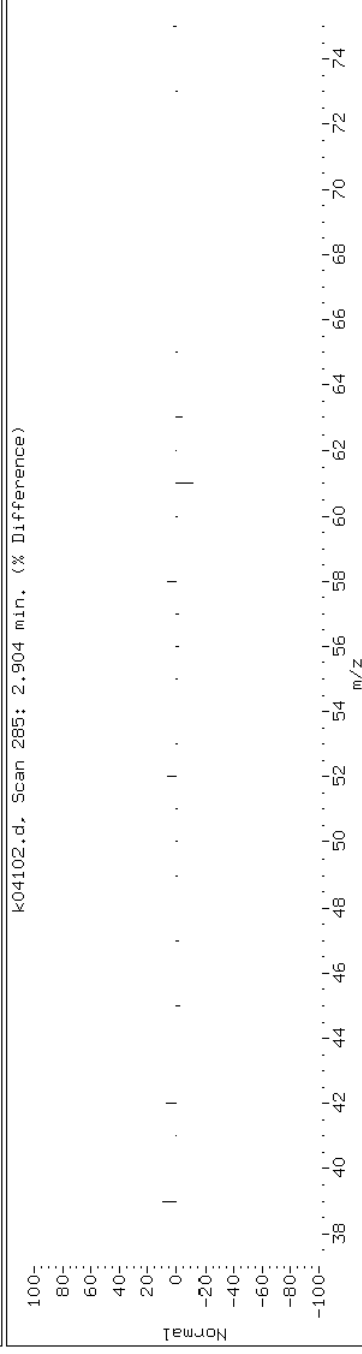
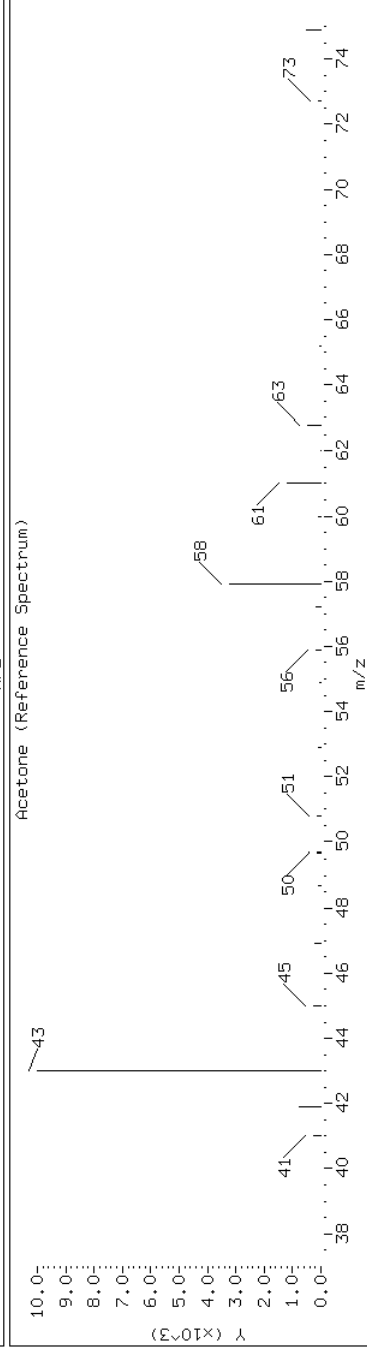
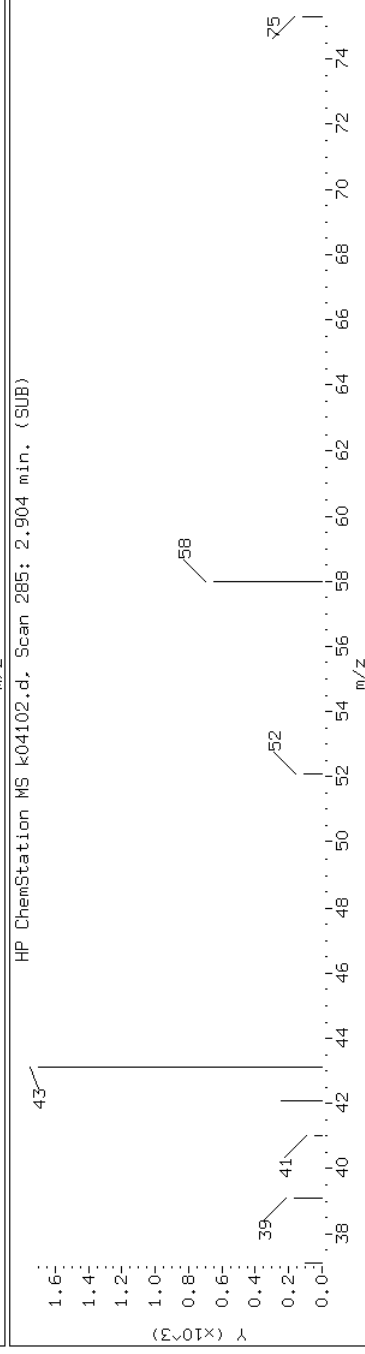
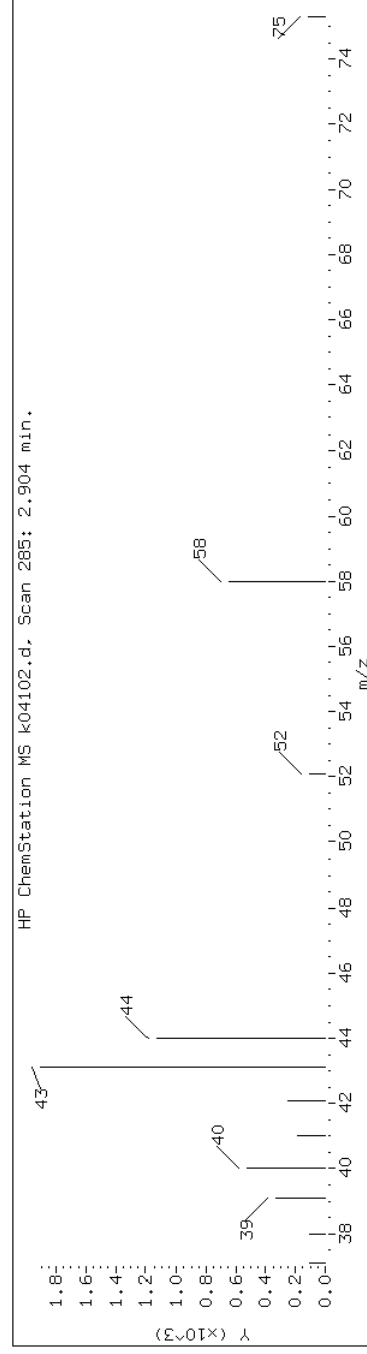
Client ID: CPS- B

Instrument: VOAMS9.i

Sample Info: 460-43868-A-7-C;;;5.48;5

Operator: VOAMS 9

7 Acetone



Data File: k04102.d

Date: 04-SEP-2012 09:19

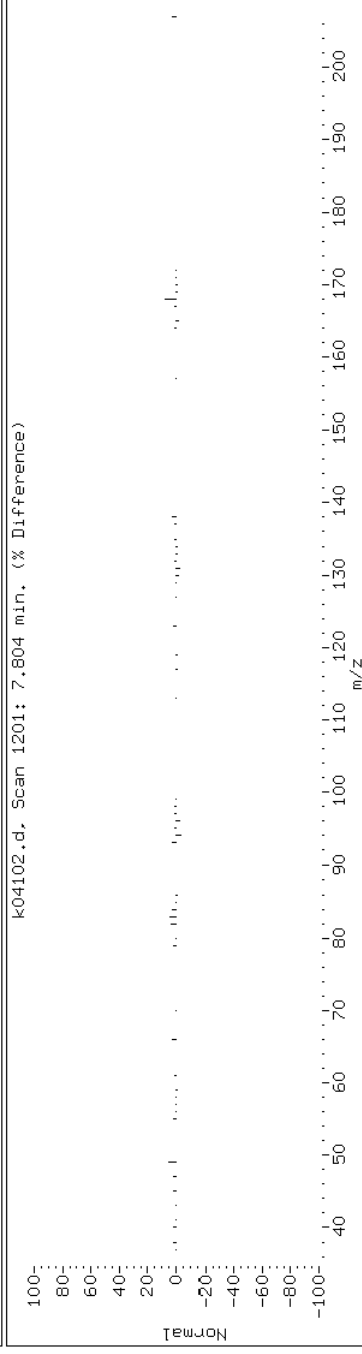
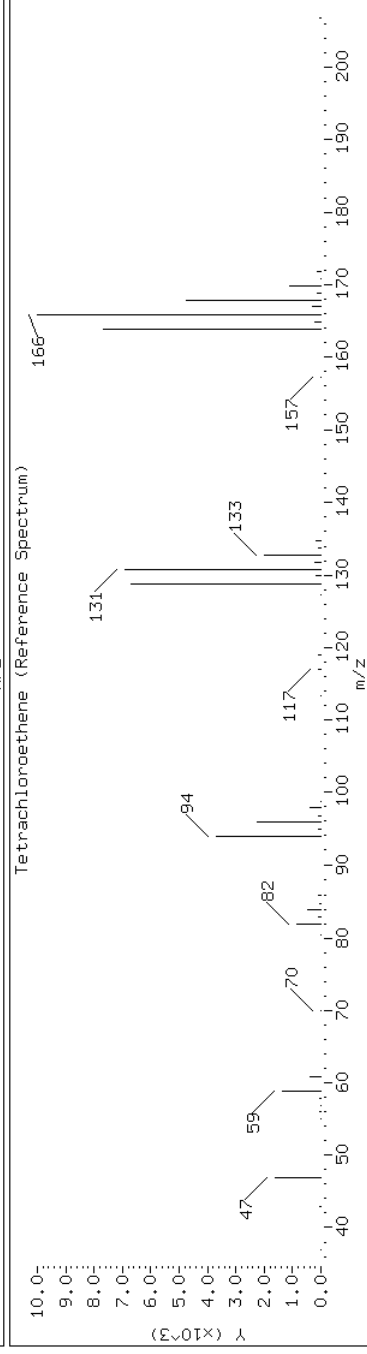
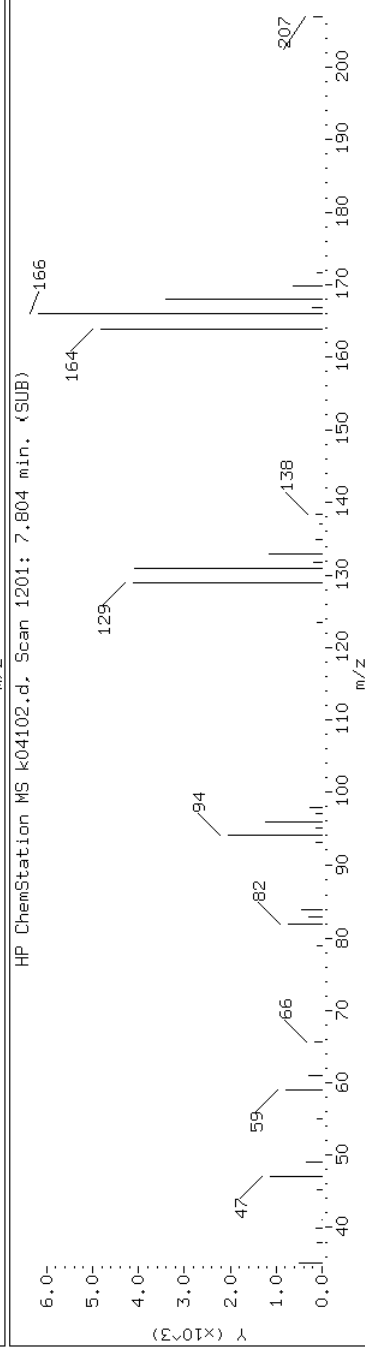
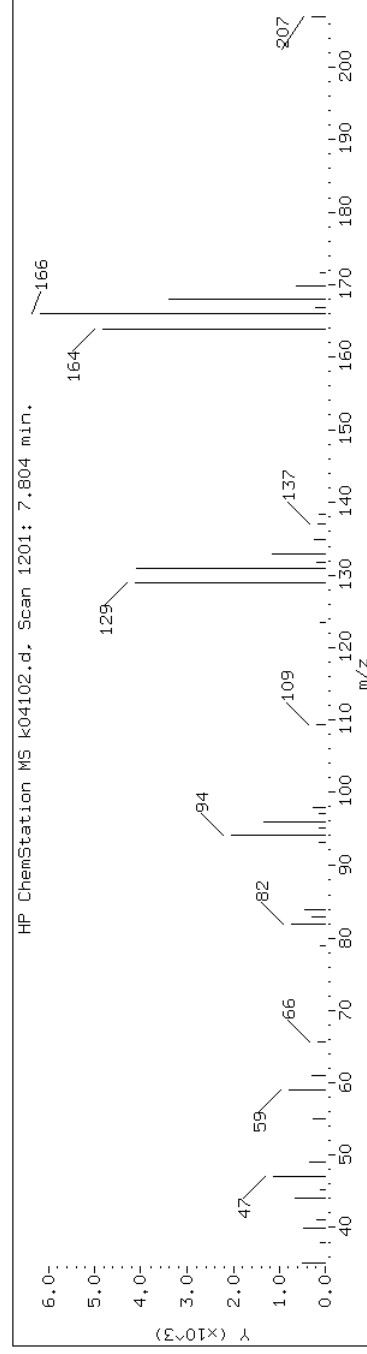
Client ID: CPS- B

Instrument: VOAMS9.i

Sample Info: 460-43868-A-7-C;;;5.48;5

Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: FB0821 Lab Sample ID: 460-43868-8

Matrix: Water Lab File ID: c70496.d

Analysis Method: 8260B Date Collected: 08/21/2012 11:30

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2012 04:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 125772 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U *	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	methyl isobutyl ketone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	0.23	J	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: FB0821 Lab Sample ID: 460-43868-8
Matrix: Water Lab File ID: c70496.d
Analysis Method: 8260B Date Collected: 08/21/2012 11:30
Sample wt/vol: 5(mL) Date Analyzed: 08/28/2012 04:51
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 125772 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	108		70-130

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70496.d
 Report Date: 29-Aug-2012 12:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70496.d
 Lab Smp Id: 460-43868-A-8 Client Smp ID: FB0821
 Inj Date : 28-AUG-2012 04:51
 Operator : Inst ID: VOAMS3.i
 Smp Info : 460-43868-A-8
 Misc Info : 460-43868-A-8
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/8260_09.m
 Meth Date : 27-Aug-2012 23:51 ken Quant Type: ISTD
 Cal Date : 14-AUG-2012 16:08 Cal File: c69971.d
 Als bottle: 15
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.493	5.493 (0.945)	215919	61.7010	62		
* 52 Fluorobenzene	96	5.815	5.809 (1.000)	614549	50.0000			
\$ 65 Toluene-d8 (SUR)	98	7.452	7.452 (0.854)	554854	54.8322	55		
66 Toluene	91	7.513	7.519 (0.861)	1627	0.23089	0.23(aH)		
* 78 Chlorobenzene-d5	117	8.723	8.723 (1.000)	486551	50.0000			
\$ 89 Bromofluorobenzene (SUR)	174	9.648	9.648 (0.920)	227635	53.9201	54		
* 108 1,4-Dichlorobenzene-d4	152	10.481	10.481 (1.000)	259628	50.0000			

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: c70496.d

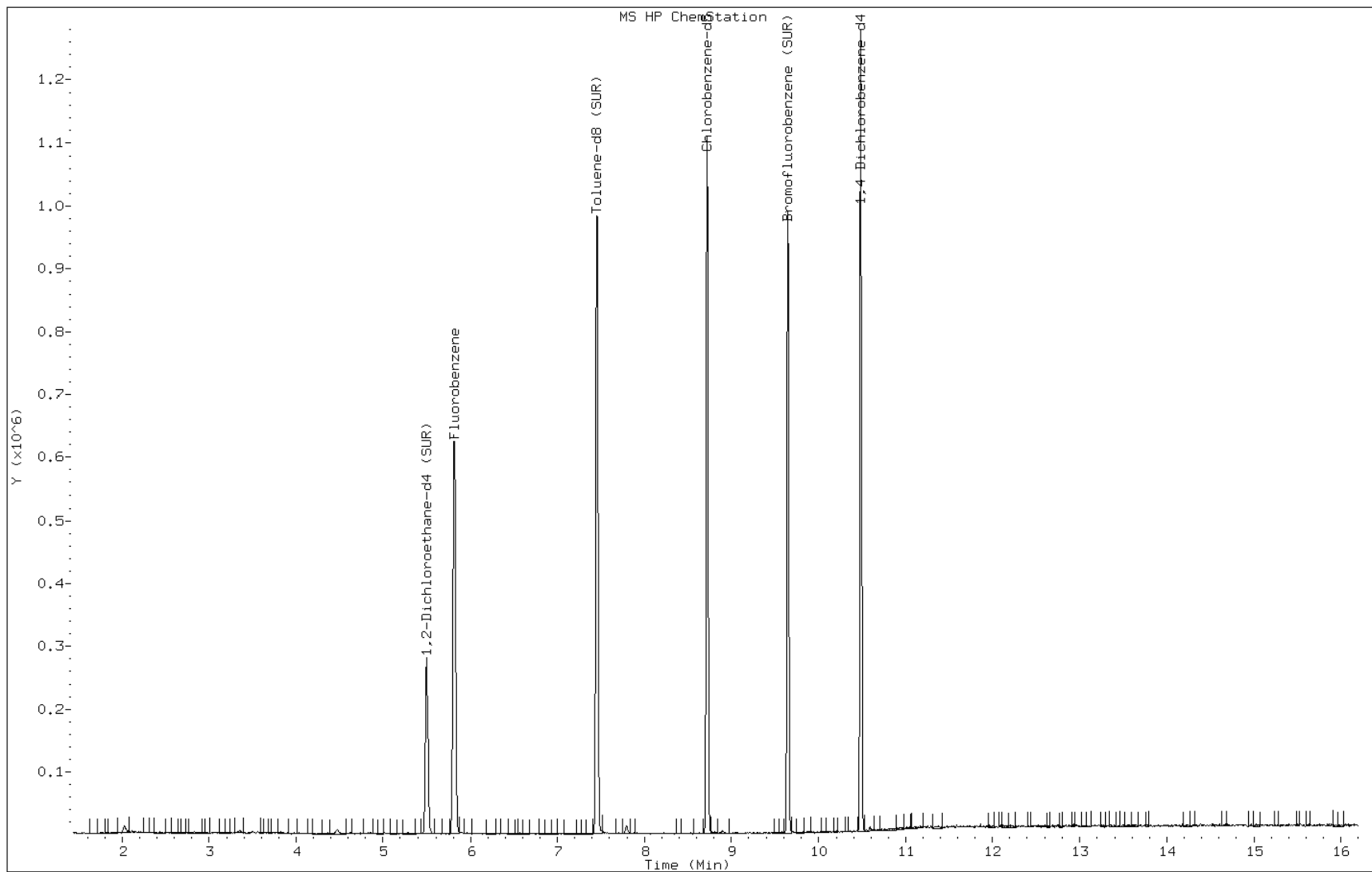
Date: 28-AUG-2012 04:51

Client ID: FB0821

Instrument: VOAMS3.i

Sample Info: 460-43868-A-8

Operator:



Data File: c70496.d

Date: 28-AUG-2012 04:51

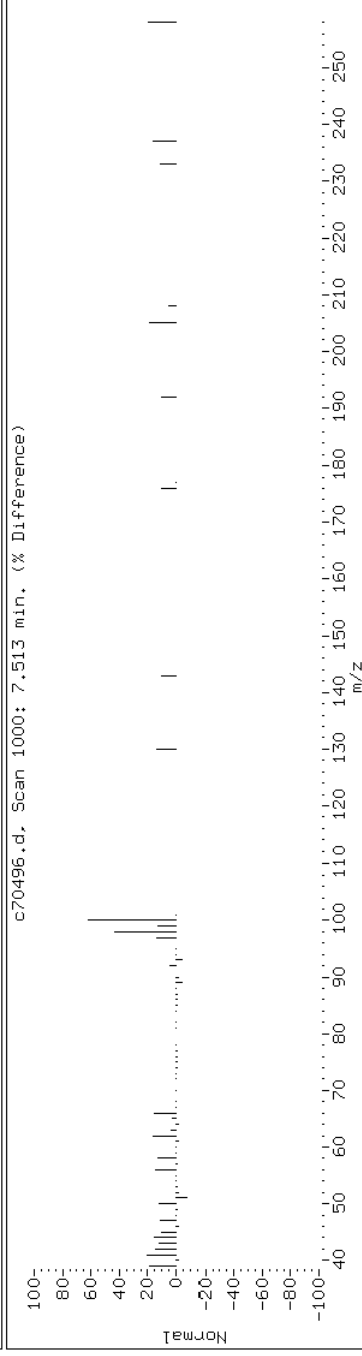
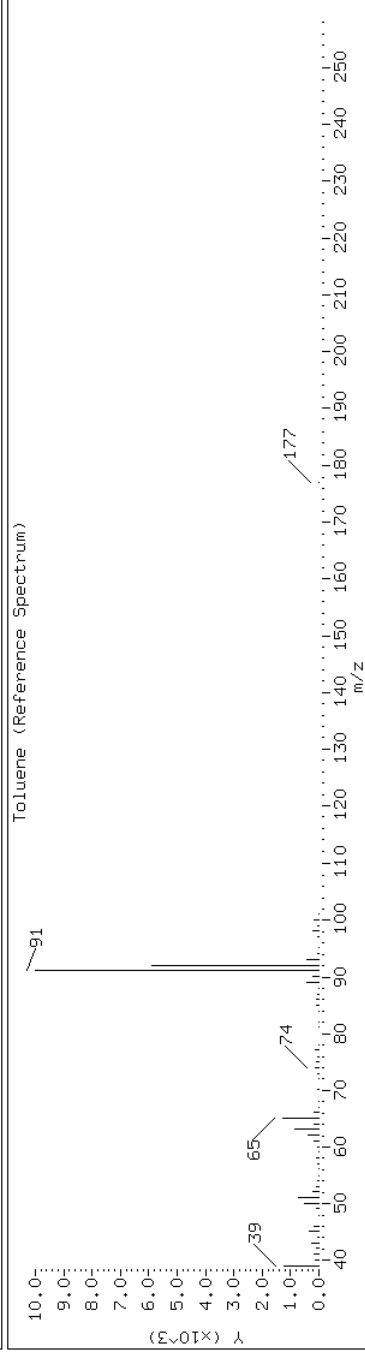
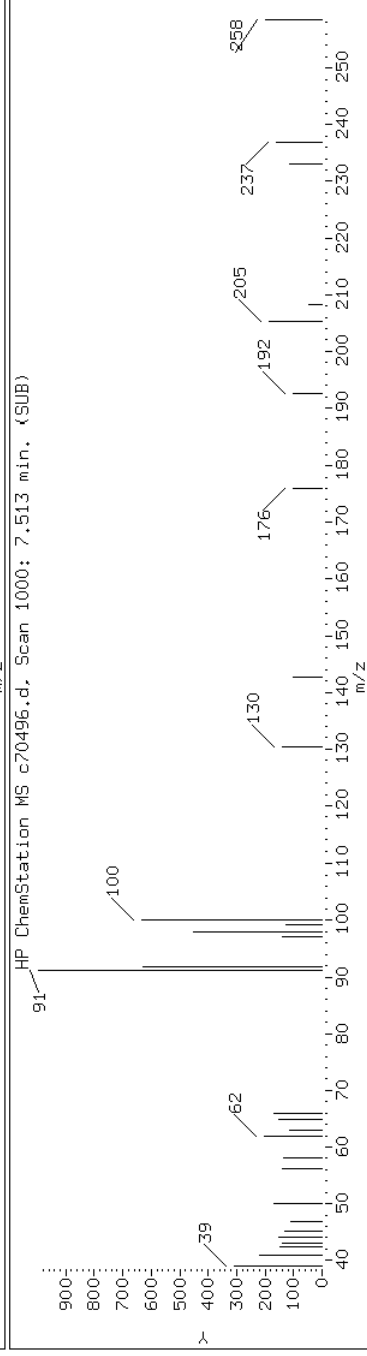
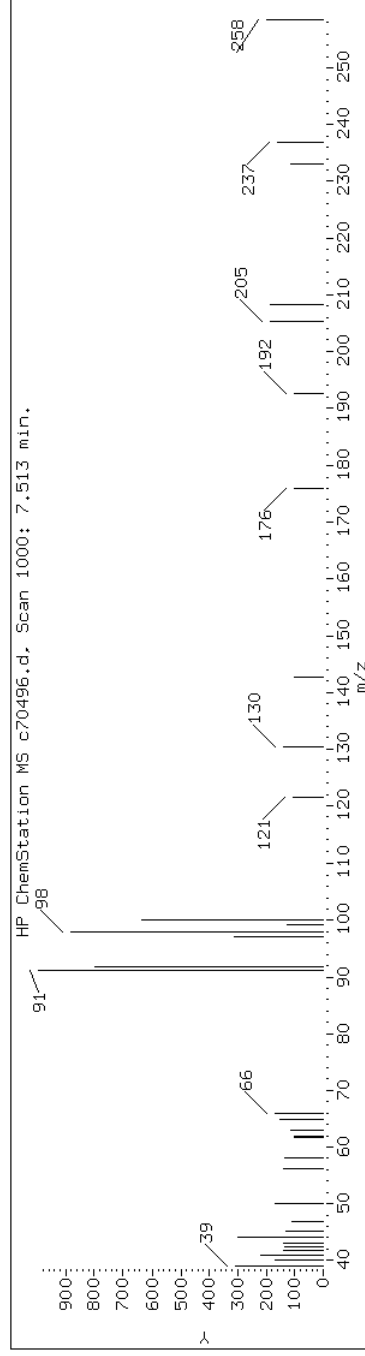
Client ID: FB0821

Sample Info: 460-43868-A-8

66 Toluene

Instrument: VOAMS3.i

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: TB0821 Lab Sample ID: 460-43868-9

Matrix: Water Lab File ID: c70497.d

Analysis Method: 8260B Date Collected: 08/21/2012 09:00

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2012 05:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 125772 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U *	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	methyl isobutyl ketone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: TB0821 Lab Sample ID: 460-43868-9
Matrix: Water Lab File ID: c70497.d
Analysis Method: 8260B Date Collected: 08/21/2012 09:00
Sample wt/vol: 5(mL) Date Analyzed: 08/28/2012 05:14
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 125772 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	4-Bromofluorobenzene	107		70-130

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70497.d
 Report Date: 29-Aug-2012 03:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70497.d
 Lab Smp Id: 460-43868-A-9 Client Smp ID: TB0821
 Inj Date : 28-AUG-2012 05:14
 Operator : Inst ID: VOAMS3.i
 Smp Info : 460-43868-A-9
 Misc Info : 460-43868-A-9
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/8260_09.m
 Meth Date : 27-Aug-2012 23:51 ken Quant Type: ISTD
 Cal Date : 14-AUG-2012 16:08 Cal File: c69971.d
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.493	5.493	(0.945)	205133	61.5933	62	
* 52 Fluorobenzene	96	5.815	5.809	(1.000)	584871	50.0000		
\$ 65 Toluene-d8 (SUR)	98	7.452	7.452	(0.854)	535078	54.5851	54	
* 78 Chlorobenzene-d5	117	8.723	8.723	(1.000)	471333	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	9.648	9.648	(0.920)	217575	53.2665	53	
* 108 1,4-Dichlorobenzene-d4	152	10.481	10.481	(1.000)	251199	50.0000		

Data File: c70497.d

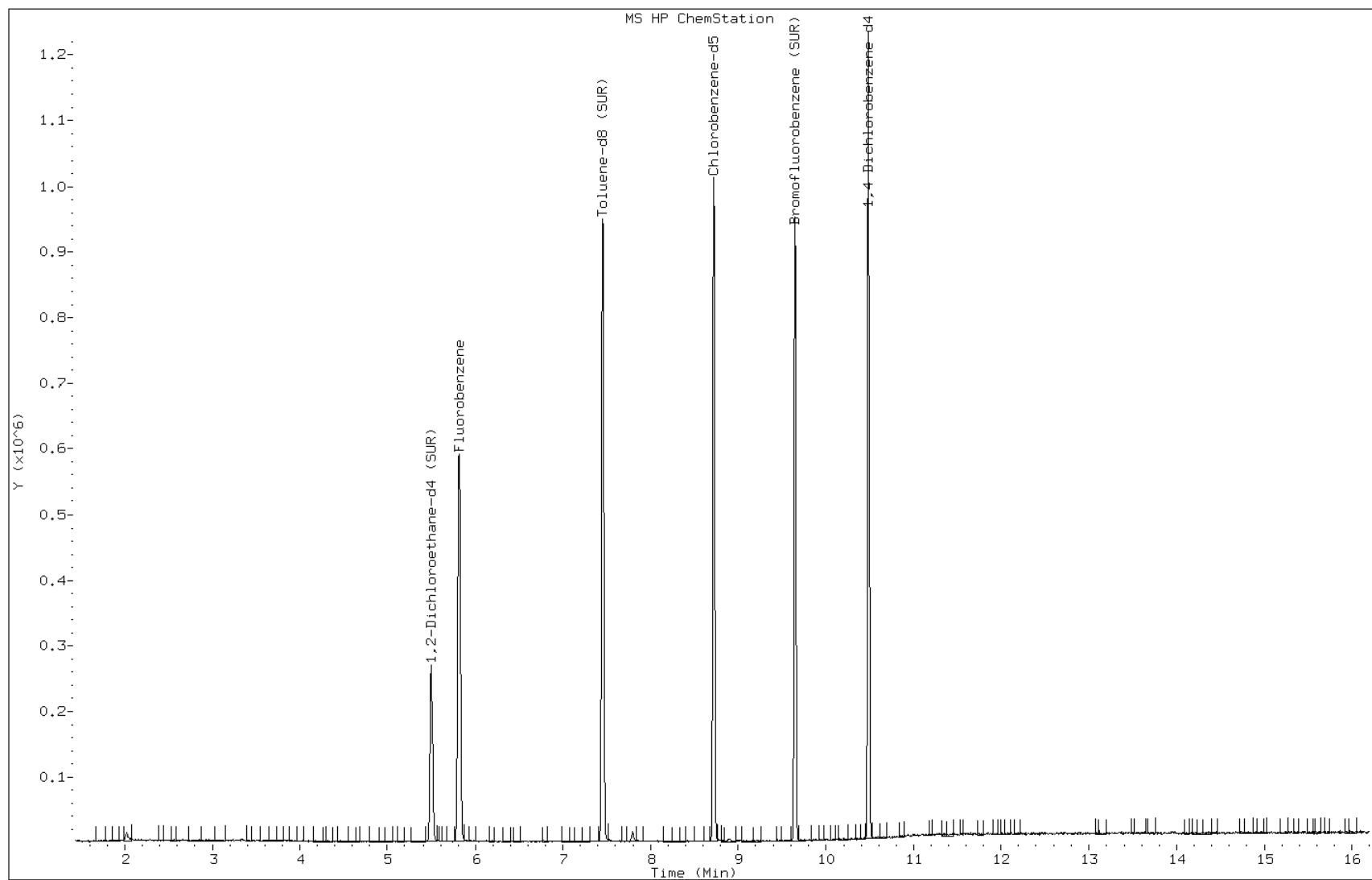
Date: 28-AUG-2012 05:14

Client ID: TB0821

Instrument: VOAMS3.i

Sample Info: 460-43868-A-9

Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-124069/6	c69970.d
Level 2	IC 460-124069/7	c69971.d
Level 3	ICIS 460-124069/2	c69957.d
Level 4	IC 460-124069/3	c69958.d
Level 5	IC 460-124069/4	c69959.d
Level 6	IC 460-124069/5	c69960.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1436 0.1146	0.1331	0.1254	0.1228	0.1228	Ave		0.1270				7.9		15.0			
Chloromethane	0.2104 0.1710	0.2014	0.1692	0.1642	0.1755	Ave		0.1819			0.1000	10.5		15.0			
Vinyl chloride	0.1817 0.1519	0.1814	0.1551	0.1468	0.1600	Ave		0.1628				9.3		30.0			
Bromomethane	0.1405 0.0897	0.0933	0.0753	0.0761	0.0840	LinF		0.0889							0.9989		0.9900
Chloroethane	0.1033 0.0910	0.0945	0.0769	0.0776	0.0945	Ave		0.0896				11.6		15.0			
Dichlorofluoromethane	0.2669 0.2112	0.2171	0.2223	0.2128	0.2253	Ave		0.2259				9.2		15.0			
Trichlorofluoromethane	0.1940 0.1954	0.2118	0.1964	0.1984	0.2084	Ave		0.2007				3.7		15.0			
n-Pentane	0.0118 0.0172	0.0082	0.0161	0.0162	0.0177	LinF		0.0172							0.9998		0.9900
Ethanol	0.0013 0.0014	0.0010	0.0010	0.0012	0.0013	Ave		0.0012				13.6		15.0			
Ethyl ether	0.1154 0.1025	0.1009	0.0951	0.0997	0.1053	Ave		0.1031				6.7		15.0			
Isopropene	0.1222 0.1488	0.1209	0.1477	0.1408	0.1487	Ave		0.1382				9.6		15.0			
Freon TF	0.1026 0.1088	0.0794	0.1088	0.1075	0.1108	Ave		0.1030				11.5		15.0			
Acrolein	0.0278 0.0269	0.0286	0.0233	0.0252	0.0269	Ave		0.0264				7.3		15.0			
1,1-Dichloroethene	0.0682 0.0869	0.0921	0.0806	0.0782	0.0869	Ave		0.0822				10.3		30.0			
Acetone	0.1150 0.0572	0.0729	0.0656	0.0595	0.0598	LinF		0.0576							0.9993		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.0645 0.1461	0.0584	0.0813	0.1120	0.1483	LinF		0.1461							0.9988		0.9900
Carbon disulfide	0.2157 0.2106	0.1782	0.1992	0.1978	0.2077	Ave		0.2015				6.6		15.0			
Cyclopentene	0.2238 0.2542	0.2103	0.2457	0.2401	0.2469	Ave		0.2368				7.0		15.0			
Methyl acetate	0.1916 0.1746	0.1704	0.1670	0.1785	0.1753	Ave		0.1762				4.8		15.0			
Acetonitrile	0.0073 0.0058	0.0044	0.0045	0.0052	0.0052	LinF		0.0057							0.9974		0.9900
Methylene Chloride	0.1651 0.1102	0.1373	0.1098	0.1019	0.1112	LinF		0.1103							0.9999		0.9900
TBA	0.0342 0.0200	0.0207	0.0210	0.0208	0.0203	LinF		0.0200							0.9999		0.9900
MTBE	0.4661 0.3792	0.4101	0.3897	0.3846	0.3929	Ave		0.4038				8.0		15.0			
trans-1,2-Dichloroethene	0.1112 0.1046	0.1215	0.1055	0.0957	0.1020	Ave		0.1068				8.2		15.0			
Acrylonitrile	0.0741 0.0669	0.0645	0.0626	0.0634	0.0668	Ave		0.0664				6.3		15.0			
Hexane	0.0510 0.0617	0.0455	0.0661	0.0609	0.0613	Ave		0.0577				13.5		15.0			
DIPE	0.5326 0.4354	0.4777	0.4572	0.4426	0.4515	Ave		0.4662				7.6		15.0			
1,1-Dichloroethane	0.2633 0.2176	0.2518	0.2258	0.2028	0.2219	Ave		0.2305			0.1000	9.8		15.0			
Vinyl acetate	0.3004 0.2816	0.2510	0.2432	0.2880	0.3053	Ave		0.2782				9.2		15.0			
Allyl alcohol	0.0055 0.0049	0.0041	0.0046	0.0046	0.0050	Ave		0.0048				10.0		15.0			
Tert-butyl ethyl ether	0.5005 0.4110	0.4351	0.4359	0.4215	0.4304	Ave		0.4391				7.2		15.0			
2,2-Dichloropropane	0.2156 0.1882	0.2334	0.2029	0.1872	0.1985	Ave		0.2043				8.6		15.0			
cis-1,2-Dichloroethene	0.1499 0.1332	0.1385	0.1331	0.1251	0.1382	Ave		0.1363				6.0		15.0			
Methyl Ethyl Ketone	0.0329 0.0235	0.0232	0.0250	0.0240	0.0243	Ave		0.0255				14.6		15.0			
Ethyl acetate	0.0267 0.0185	0.0190	0.0185	0.0187	0.0186	LinF		0.0185							1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propionitrile	0.0432 0.0291	0.0295	0.0305	0.0294	0.0299	LinF		0.0293							0.9999		0.9900
Bromochloromethane	0.0867 0.0623	0.0751	0.0678	0.0645	0.0674	Ave		0.0706				12.7		15.0			
Tetrahydrofuran	0.1306 0.0677	0.0935	0.0791	0.0730	0.0718	LinF		0.0684							0.9992		0.9900
Methacrylonitrile	0.1688 0.1450	0.1535	0.1472	0.1464	0.1522	Ave		0.1522				5.8		15.0			
Chloroform	0.2282 0.2182	0.2584	0.2251	0.2153	0.2309	Ave		0.2294				6.7		30.0			
Cyclohexane	0.1367 0.1870	0.1423	0.1919	0.1871	0.1925	LinF		0.1877							0.9998		0.9900
1,1,1-Trichloroethane	0.1732 0.1900	0.2142	0.1953	0.1884	0.2011	Ave		0.1937				7.1		15.0			
Carbon tetrachloride	0.1428 0.1628	0.1709	0.1646	0.1553	0.1713	Ave		0.1613				6.7		15.0			
1,1-Dichloropropene	0.1739 0.1742	0.1980	0.1771	0.1665	0.1809	Ave		0.1784				6.0		15.0			
Isobutyl alcohol	0.0116 0.0108	0.0096	0.0104	0.0104	0.0108	Ave		0.0106				6.2		15.0			
Benzene	0.6960 0.6041	0.7463	0.6268	0.5853	0.6077	Ave		0.6444				9.8		15.0			
Isopropyl acetate	0.5049 0.3866	0.4220	0.4192	0.4119	0.4182	Ave		0.4271				9.4		15.0			
Tert-amyl methyl ether	0.3982 0.3880	0.3946	0.4044	0.4039	0.4116	Ave		0.4001				2.1		15.0			
1,2-Dichloroethane	0.2386 0.1745	0.2119	0.1856	0.1792	0.1880	Ave		0.1963				12.4		15.0			
n-Heptane	0.0554 0.0754	0.0538	0.0815	0.0769	0.0809	LinF		0.0762							0.9990		0.9900
2,4,4-Trimethyl-1-pentene	0.0282 0.0429	0.0297	0.0429	0.0422	0.0455	LinF		0.0433							0.9994		0.9900
n-Butanol	0.0055 0.0055	0.0041	0.0048	0.0049	0.0055	Ave		0.0050				10.7		15.0			
Trichloroethene	0.1401 0.1252	0.1407	0.1262	0.1205	0.1303	Ave		0.1305				6.4		15.0			
Methylcyclohexane	0.1319 0.1853	0.1348	0.1892	0.1884	0.1942	LinF		0.1866							0.9996		0.9900
Ethyl acrylate	0.3676 0.3742	0.3352	0.3813	0.3753	0.3928	Ave		0.3711				5.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.1491 0.1367	0.1550	0.1385	0.1317	0.1436	Ave		0.1424				6.0		30.0			
Methyl methacrylate	0.0605 0.0470	0.0475	0.0449	0.0461	0.0494	Ave		0.0492				11.6		15.0			
1,4-Dioxane	0.0033 0.0036	0.0028	0.0027	0.0030	0.0036	Ave		0.0032				12.3		15.0			
Dibromomethane	0.1139 0.0778	0.0931	0.0834	0.0793	0.0872	Ave		0.0891				15.0		15.0			
Propyl acetate	0.1662 0.1342	0.1332	0.1408	0.1384	0.1408	Ave		0.1423				8.6		15.0			
Bromodichloromethane	0.1973 0.1775	0.2089	0.1691	0.1638	0.1885	Ave		0.1842				9.4		15.0			
2-Chloroethyl vinyl ether	0.0863 0.0946	0.0793	0.0817	0.0899	0.0950	Ave		0.0878				7.5		15.0			
Epichlorohydrin	0.0285 0.0234	0.0220	0.0227	0.0238	0.0239	Ave		0.0241				9.6		15.0			
cis-1,3-Dichloropropene	0.2970 0.2797	0.3177	0.2792	0.2634	0.2798	Ave		0.2861				6.6		15.0			
methyl isobutyl ketone	0.2513 0.2417	0.2284	0.2361	0.2392	0.2452	Ave		0.2403				3.3		15.0			
Toluene	0.8119 0.6577	0.8199	0.7135	0.6567	0.6851	Ave		0.7241				10.2		30.0			
trans-1,3-Dichloropropene	0.3481 0.2635	0.3127	0.2546	0.2526	0.2704	Ave		0.2837				13.6		15.0			
Ethyl methacrylate	0.2254 0.2076	0.1945	0.1981	0.2081	0.2213	Ave		0.2092				5.9		15.0			
1,1,2-Trichloroethane	0.1526 0.1360	0.1524	0.1391	0.1322	0.1399	Ave		0.1420				6.0		15.0			
Tetrachloroethene	0.1775 0.1781	0.2109	0.1906	0.1721	0.1816	Ave		0.1851				7.6		15.0			
1,3-Dichloropropane	0.3481 0.2730	0.3206	0.2824	0.2713	0.2820	Ave		0.2962				10.5		15.0			
2-Hexanone	0.1883 0.1701	0.1652	0.1715	0.1728	0.1730	Ave		0.1735				4.5		15.0			
Butyl acetate	0.0662 0.0580	0.0550	0.0551	0.0573	0.0591	Ave		0.0584				7.0		15.0			
Dibromochloromethane	0.1792 0.1788	0.1920	0.1711	0.1654	0.1823	Ave		0.1781				5.2		15.0			
1,2-Dibromoethane	0.2247 0.1663	0.1890	0.1673	0.1649	0.1717	Ave		0.1806				12.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorobenzene	0.5104 0.4450	0.5436	0.4595	0.4371	0.4674	Ave		0.4772			0.3000	8.7		15.0			
Ethylbenzene	0.2173 0.2485	0.2682	0.2473	0.2377	0.2552	Ave		0.2457				7.0		30.0			
1,1,1,2-Tetrachloroethane	0.1703 0.1725	0.1975	0.1753	0.1631	0.1780	Ave		0.1761				6.6		15.0			
m&p-Xylene	0.3191 0.2977	0.3539	0.3120	0.2949	0.3143	Ave		0.3153				6.7		15.0			
Butyl acrylate	0.1525 0.1519	0.1380	0.1382	0.1473	0.1534	Ave		0.1469				4.9		15.0			
o-Xylene	0.3315 0.2965	0.3371	0.3162	0.2931	0.3140	Ave		0.3147				5.7		15.0			
Styrene	0.5277 0.5151	0.5764	0.5342	0.5113	0.5452	Ave		0.5350				4.4		15.0			
Amly acetate	0.5055 0.4319	0.4197	0.4127	0.4353	0.4495	Ave		0.4424				7.6		15.0			
Bromoform	0.1343 0.1447	0.1432	0.1284	0.1324	0.1473	Ave		0.1384			0.1000	5.5		15.0			
Isopropylbenzene	0.7195 0.7306	0.8784	0.7928	0.7581	0.8026	Ave		0.7803				7.5		15.0			
Camphene, Total	0.0751 0.0712	0.0588	0.0742	0.0734	0.0755	Ave		0.0713				8.9		15.0			
Monobromobenzene	0.4514 0.3711	0.4763	0.4152	0.3941	0.4145	Ave		0.4204				9.1		15.0			
1,1,2,2-Tetrachloroethane	0.5625 0.4221	0.4909	0.4409	0.4171	0.4362	Ave		0.4616			0.3000	12.1		15.0			
N-Propylbenzene	1.7026 1.5617	2.0491	1.7499	1.6717	1.7741	Ave		1.7515				9.3		15.0			
1,2,3-Trichloropropane	0.1854 0.1323	0.1626	0.1412	0.1313	0.1414	Ave		0.1490				14.2		15.0			
trans-1,4-Dichloro-2-butene	0.2070 0.1480	0.1619	0.1489	0.1449	0.1526	Ave		0.1606				14.6		15.0			
2-Chlorotoluene	1.2302 1.0712	1.3312	1.1771	1.1030	1.1775	Ave		1.1817				7.9		15.0			
1,3,5-Trimethylbenzene	1.1941 1.1159	1.3868	1.2432	1.1794	1.2269	Ave		1.2244				7.4		15.0			
p-Ethyltoluene	0.4923 0.4990	0.5881	0.5399	0.5122	0.5512	Ave		0.5305				6.9		15.0			
4-Chlorotoluene	1.1771 0.9705	1.2790	1.0530	1.0133	1.0709	Ave		1.0939				10.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	0.4849 0.4685	0.4176	0.4391	0.4541	0.4687	Ave		0.4555				5.3		15.0			
tert-Butylbenzene	1.0427 1.0030	1.2321	1.0559	1.0322	1.0777	Ave		1.0739				7.6		15.0			
1,2,4-Trimethylbenzene	1.2655 1.1538	1.4622	1.2226	1.1750	1.2459	Ave		1.2542				8.8		15.0			
sec-Butylbenzene	1.4411 1.4511	1.8260	1.5750	1.5126	1.5888	Ave		1.5658				9.0		15.0			
p-Isopropyltoluene	1.1568 1.2707	1.5329	1.3441	1.2761	1.3590	Ave		1.3233				9.5		15.0			
1,3-Dichlorobenzene	0.7735 0.7065	0.8603	0.7321	0.7102	0.7328	Ave		0.7526				7.7		15.0			
1,4-Dichlorobenzene	0.9225 0.7152	0.8999	0.7553	0.7155	0.7468	Ave		0.7925				11.8		15.0			
Benzyl chloride	1.0069 0.8590	0.8766	0.8553	0.8974	0.9200	Ave		0.9025				6.3		15.0			
Indan	0.6153 0.5632	0.5760	0.6007	0.5895	0.6073	Ave		0.5920				3.3		15.0			
1,4-Diethylbenzene	0.3259 0.3661	0.3389	0.3903	0.3785	0.4008	Ave		0.3667				8.0		15.0			
n-Butylbenzene	1.3648 1.4232	1.7217	1.5207	1.4714	1.5460	Ave		1.5080				8.2		15.0			
1,2-Dichlorobenzene	0.8073 0.6688	0.7984	0.7149	0.6791	0.7197	Ave		0.7314				8.0		15.0			
1,2,4,5-Tetramethylbenzene	0.5555 0.4939	0.5057	0.5295	0.5260	0.5582	Ave		0.5281				4.9		15.0			
1,2-Dibromo-3-Chloropropane	0.1304 +++++	0.1278	0.1037	0.0956	0.0992	Ave		0.1114				14.8		15.0			
1,2,4-Trichlorobenzene	0.6062 0.4418	0.5606	0.4602	0.4630	0.4832	Ave		0.5025				13.1		15.0			
Hexachlorobutadiene	0.2542 0.2741	0.3533	0.2878	0.2690	0.2916	Ave		0.2883				12.0		15.0			
Naphthalene	2.2292 1.1243	1.3226	1.1307	1.1901	1.2407	LinF		1.1422							0.9981		0.9900
1,2,3-Trichlorobenzene	0.6022 0.3826	0.4740	0.4034	0.3962	0.4197	LinF		0.3882							0.9983		0.9900
1,2-Dichloroethane-d4 (Surr)	0.2881 0.2745	0.2861	0.2906	0.2826	0.2864	Ave		0.2847				2.0		15.0			
Toluene-d8 (Surr)	1.0375 1.0546	1.0451	1.0455	1.0363	1.0203	Ave		1.0399				1.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Bromofluorobenzene	0.8276 0.7630	0.8357	0.8284	0.8207	0.8028	Ave		0.8130				3.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-124069/6	c69970.d
Level 2	IC 460-124069/7	c69971.d
Level 3	ICIS 460-124069/2	c69957.d
Level 4	IC 460-124069/3	c69958.d
Level 5	IC 460-124069/4	c69959.d
Level 6	IC 460-124069/5	c69960.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	1843 727067	8612	26222	66892	268454	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	2700 1084949	13033	35367	89480	383519	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2331 964298	11742	32424	80010	349846	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	1803 569334	6040	15751	41476	183627	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1326 577658	6114	16075	42284	206632	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	3424 1340058	14053	46473	115968	492407	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	2489 1239848	13710	41050	108105	455577	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	302 217714	1055	6711	17685	77207	2.00 1000	10.0	40.0	100	400
Ethanol	FB	Ave	16756 107068	25948	32673	50958	72666	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	1480 650199	6530	19883	54348	230214	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	1568 944058	7826	30870	76704	324971	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	1317 690329	5141	22746	58570	242187	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	1426 136646	7396	9721	27495	58767	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	875 551337	5961	16855	42602	190013	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	7377 362766	14161	13717	32393	130778	5.00 500	15.0	20.0	50.0	200
Iodomethane	FB	LinF	827 926962	3777	17003	61047	324128	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	2767 1336290	11531	41646	107793	454032	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	2872 1613521	13610	51354	130806	539690	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2458 1108123	11031	34911	97260	383110	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	1882 738157	5653	18868	56187	225400	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	LinF	2118 699349	8888	22955	55542	243103	1.00 500	5.00	20.0	50.0	200
TBA	FB	LinF	8780 2534120	26788	87949	226796	889457	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	5980 2406348	26540	81475	209577	858808	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	1427 663728	7861	22064	52146	223021	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	1902 169762	8348	13096	34519	73002	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	654 391776	2943	13816	33182	134005	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	6833 2763145	30920	95582	241171	986890	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	3378 1380688	16296	47205	110489	485087	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	7708 3573736	32485	101702	313845	1334846	2.00 1000	10.0	40.0	100	400
Allyl alcohol	FB	Ave	70808 376009	106400	142749	201757	273097	1000 6000	2000	3000	4000	5000
Tert-butyl ethyl ether	FB	Ave	6421 2608592	28163	91123	229677	940919	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2766 1194421	15106	42410	101999	433828	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	1923 845138	8964	27819	68184	302186	1.00 500	5.00	20.0	50.0	200
Methyl Ethyl Ketone	FB	Ave	2113 149009	4497	5231	13053	53137	5.00 500	15.0	20.0	50.0	200
Ethyl acetate	FB	LinF	686 234888	2462	7723	20370	81182	2.00 1000	10.0	40.0	100	400
Propionitrile	FB	LinF	1108 369978	3816	12741	32037	130770	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	1112 395410	4859	14171	35136	147241	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrahydrofuran	FB	LinF	1676 429894	6052	16542	39752	156892	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	2166 920129	9934	30769	79774	332684	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	2928 1384854	16726	47055	117307	504723	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	1754 1186523	9207	40117	101947	420889	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	2222 1205598	13862	40821	102661	439546	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	1832 1033135	11059	34401	84638	374339	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	2231 1105688	12814	37027	90736	395347	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	FB	Ave	148987 825748	249122	324844	453893	590866	1000 6000	2000	3000	4000	5000
Benzene	CBZ	Ave	7047 3048065	38339	105062	256485	1107040	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	12957 4906945	54631	175279	448808	1828106	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	5109 2462211	25539	84543	220042	899779	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	3061 1107298	13716	38797	97649	410991	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	LinF	711 478229	3480	17041	41911	176901	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	LinF	723 544900	3848	17946	46016	198825	2.00 1000	10.0	40.0	100	400
n-Butanol	FB	Ave	34980 208244	53569	74948	107384	149952	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	1798 794625	9109	26391	65656	284728	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	1692 1176115	8722	39558	102670	424510	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	4717 2374963	21694	79711	204505	858617	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	1913 867390	10029	28961	71781	313829	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	776 298434	3076	9392	25102	107989	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	2133 13818	3656	4292	6481	9824	50.0 300	100	150	200	250

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	1462 494008	6027	17445	43195	190533	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	4266 1702896	17244	58853	150784	615360	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	2531 1126412	13523	35358	89272	412027	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1107 600081	5130	17074	49002	207741	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	5777 2356915	22611	76253	208637	872098	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	3007 1411523	16319	46809	115430	509617	1.00 500	5.00	20.0	50.0	200
methyl isobutyl ketone	CBZ	Ave	12723 1219757	35197	39570	104810	446562	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	8221 3318986	42118	119595	287775	1247938	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	3525 1329771	16061	42679	110699	492457	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	2892 1317420	12591	41409	113384	483720	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	1545 686308	7829	23324	57913	254797	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	1797 898573	10835	31950	75418	330805	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	3525 1377647	16470	47333	118887	513652	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	9533 858395	25452	28741	75711	315217	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	1340 585269	5654	18466	50202	215164	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	1814 902443	9861	28674	72496	331983	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2275 839036	9709	28038	72253	312833	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	5168 2245535	27923	77019	191542	851332	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	2200 1254065	13778	41456	104172	464768	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	1724 870218	10143	29381	71465	324252	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	6462 3003914	36358	104602	258490	1145046	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl acrylate	CBZ	Ave	1544 766654	7089	23162	64561	279371	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	3356 1496106	17318	53011	128455	572013	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	5343 2599418	29609	89551	224049	993122	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	2674 1225851	11520	37465	103015	441439	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1360 730004	7355	21517	58028	268257	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	7285 3686646	45124	132888	332213	1461940	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	760 359229	3020	12431	32177	137457	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2388 1053281	13072	37688	93264	407112	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2976 1197969	13475	40026	98702	428359	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	9007 4432021	56243	158850	395585	1742270	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	981 375441	4463	12814	31072	138832	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1095 420124	4444	13519	34287	149856	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	6508 3040008	36537	106858	261025	1156372	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	6317 3166895	38065	112861	279087	1204869	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	6317 3166895	38065	112861	279087	1204869	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	6227 2754318	35104	95586	239784	1051656	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	2565 1329705	11462	39858	107453	460300	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	5516 2846501	33819	95854	244252	1058334	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	6695 3274358	40134	110988	278065	1223538	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	7624 4118115	50120	142979	357955	1560274	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	6120 3606093	42073	122019	301988	1334581	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 124069

SDG No.: _____

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/14/2012 08:47 Calibration End Date: 08/14/2012 16:08 Calibration ID: 16904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichlorobenzene	DCB	Ave	4092 2004910	23613	66463	168057	719684	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	4880 2029674	24700	68568	169321	733357	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	5327 2437900	24060	77646	212363	903485	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	7894 3574339	37282	125572	321202	1327595	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	Ave	4181 2323349	21934	81591	206222	876095	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	7220 4039054	47255	138049	348195	1518261	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	4271 1897983	21914	64895	160692	706837	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	Ave	7127 3134577	32731	110686	286591	1220276	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	690 +++++	3508	9413	22634	97404	1.00 +++++	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	3207 1253741	15387	41778	109567	474545	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1345 777999	9696	26124	63647	286375	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	11793 3190842	36303	102644	281619	1218403	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	3186 1085844	13011	36617	93750	412162	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	184850 174219	185160	151854	153976	156514	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	525256 532130	536871	438119	454113	464632	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	218911 216533	229378	187995	194215	197106	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69957.d
 Report Date: 15-Aug-2012 11:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69957.d
 Lab Smp Id: ICIS-VCAL3
 Inj Date : 14-AUG-2012 08:47
 Operator : Inst ID: VOAMS3.i
 Smp Info : ICIS-VCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/8260_09.m
 Meth Date : 15-Aug-2012 11:25 vibha Quant Type: ISTD
 Cal Date : 14-AUG-2012 08:47 Cal File: c69957.d
 Als bottle: 6 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	1.520	1.520 (0.261)		26222		20.0000	20(M)
3 Chloromethane	50	1.727	1.727 (0.297)		35367		20.0000	18
4 Vinyl Chloride	62	1.794	1.794 (0.308)		32424		20.0000	19
6 Bromomethane	94	2.080	2.080 (0.358)		15751		20.0000	17
5 Chloroethane	64	2.165	2.165 (0.372)		16075		20.0000	17
180 Dichlorofluoromethane	67	2.372	2.372 (0.408)		46473		20.0000	20
7 Trichlorofluoromethane	101	2.372	2.372 (0.408)		41050		20.0000	20
8 n-Pentane	72	2.420	2.420 (0.416)		6711		40.0000	44
9 Ethanol	46	2.603	2.603 (0.448)		32673		3000.00	2600
10 Isoprene	67	2.658	2.658 (0.457)		30870		20.0000	21
11 Ethyl Ether	59	2.639	2.639 (0.454)		19883		20.0000	18
13 Acrolein	56	2.822	2.822 (0.485)		9721		40.0000	35
15 1,1-Dichloroethene	96	2.852	2.852 (0.490)		16855		20.0000	20
14 Freon TF	101	2.816	2.816 (0.484)		22746		20.0000	21
16 Acetone	43	2.962	2.962 (0.509)		13717		20.0000	23
17 Iodomethane	142	3.023	3.023 (0.520)		17003		20.0000	11

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69957.d
 Report Date: 15-Aug-2012 11:25

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	3.053	3.053	(0.525)	41646	20.0000	20
20 Allyl Chloride	76	3.205	3.205	(0.551)	11500	20.0000	19
21 Acetonitrile	39	3.278	3.278	(0.564)	18868	400.000	320
170 Cyclopentene	67	3.217	3.217	(0.553)	51354	20.0000	21
27 Methyl Acetate	43	3.223	3.223	(0.554)	34911	20.0000	19
22 Methylene Chloride	84	3.339	3.339	(0.574)	22955	20.0000	20
24 TBA	59	3.424	3.424	(0.589)	87949	400.000	420
25 trans-1,2-Dichloroethene	96	3.546	3.546	(0.610)	22064	20.0000	20
26 Acrylonitrile	53	3.637	3.637	(0.625)	13096	20.0000	19
28 MTBE	73	3.527	3.527	(0.607)	81475	20.0000	19
29 Hexane	56	3.722	3.722	(0.640)	13816	20.0000	23
30 1,1-Dichloroethane	63	3.990	3.990	(0.686)	47205	20.0000	20
31 Vinyl Acetate	43	4.020	4.020	(0.691)	101702	40.0000	35
32 DIPE	45	3.965	3.965	(0.682)	95582	20.0000	20
33 Allyl Alcohol	57	4.045	4.045	(0.696)	142749	3000.00	2800
34 n-Propanol	60	4.099	4.099	(0.705)	27283	3000.00	2900
35 t-Butyl-ethyl-ether	59	4.324	4.324	(0.744)	91123	20.0000	20
37 2,2-Dichloropropane	77	4.556	4.556	(0.783)	42410	20.0000	20
36 cis-1,2-Dichloroethene	96	4.580	4.580	(0.788)	27819	20.0000	20
38 2-Butanone	72	4.610	4.610	(0.793)	5231	20.0000	20
39 Ethyl Acetate	70	4.616	4.616	(0.794)	7723	40.0000	40
40 Bromochloromethane	128	4.842	4.842	(0.833)	14171	20.0000	19
41 Tetrahydrofuran	42	4.842	4.842	(0.833)	16542	20.0000	20
42 Chloroform	83	4.908	4.908	(0.844)	47055	20.0000	20
43 1,1,1-Trichloroethane	97	5.067	5.067	(0.871)	40821	20.0000	20
44 Cyclohexane	56	5.048	5.048	(0.868)	40117	20.0000	20
45 Carbon Tetrachloride	117	5.200	5.200	(0.894)	34401	20.0000	20
46 1,1-Dichloropropene	75	5.243	5.243	(0.902)	37027	20.0000	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.492	5.492	(0.945)	151854	50.0000	51
48 Benzene	78	5.474	5.474	(0.627)	105062	20.0000	19
173 Propionitrile	54	4.762	4.762	(0.819)	12741	40.0000	42
49 1,2-Dichloroethane	62	5.584	5.584	(0.960)	38797	20.0000	19
181 Isobutyl Alcohol	43	5.407	5.407	(0.930)	324844	3000.00	2900
174 Methacrylonitrile	67	4.884	4.884	(0.840)	30769	20.0000	19
51 n-Heptane	57	5.663	5.663	(0.974)	17041	20.0000	21
50 t-Amyl-methyl-ether	73	5.559	5.559	(0.956)	84543	20.0000	20
61 Isopropyl Acetate	43	5.559	5.559	(0.956)	175279	40.0000	39
* 52 Fluorobenzene	96	5.815	5.815	(1.000)	522629	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	6.070	6.070	(1.044)	17946	40.0000	44
54 Trichloroethene	95	6.216	6.216	(1.069)	26391	20.0000	19
53 n-Butanol	41	6.186	6.186	(1.064)	74948	1500.00	1400
56 Methyl cyclohexane	83	6.350	6.350	(1.092)	39558	20.0000	20
55 Ethyl Acrylate	55	6.362	6.362	(1.094)	79711	20.0000	20
57 1,2-Dichloropropane	63	6.521	6.521	(1.121)	28961	20.0000	19
58 Dibromomethane	93	6.648	6.648	(1.143)	17445	20.0000	19
60 1,4-Dioxane	88	6.642	6.642	(1.142)	4292	150.000	130
59 Methyl Methacrylate	100	6.612	6.612	(1.137)	9392	20.0000	18

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69957.d
 Report Date: 15-Aug-2012 11:25

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	6.667	6.667	(1.146)	58853	40.0000	40
68 Bromodichloromethane	83	6.800	6.800	(1.169)	35358	20.0000	18
62 2-Chloroethyl Vinyl Ether	63	7.111	7.111	(1.223)	17074	20.0000	19
63 Epichlorohydrin	57	7.202	7.202	(0.825)	76253	400.000	380
67 cis-1,3-Dichloropropene	75	7.251	7.251	(0.831)	46809	20.0000	20
70 4-Methyl-2-Pentanone	43	7.391	7.391	(0.847)	39570	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	7.457	7.457	(0.854)	438119	50.0000	50
66 Toluene	91	7.518	7.518	(0.861)	119595	20.0000	20
64 trans-1,3-Dichloropropene	75	7.786	7.786	(0.892)	42679	20.0000	18
69 1,1,2-Trichloroethane	83	7.944	7.944	(0.910)	23324	20.0000	20
71 Tetrachloroethene	166	7.981	7.981	(0.914)	31950	20.0000	20
175 Ethyl methacrylate	69	7.810	7.810	(1.343)	41409	20.0000	19
72 1,3-Dichloropropane	76	8.096	8.096	(0.928)	47333	20.0000	19
73 2-Hexanone	43	8.139	8.139	(0.932)	28741	20.0000	20
74 Dibromochloromethane	129	8.260	8.260	(0.946)	28674	20.0000	19
76 Butyl Acetate	73	8.218	8.218	(0.941)	18466	40.0000	38
77 1,2-Dibromoethane	107	8.370	8.370	(0.959)	28038	20.0000	18
* 78 Chlorobenzene-d5	117	8.729	8.729	(1.000)	419067	50.0000	
79 Chlorobenzene	112	8.747	8.747	(1.002)	77019	20.0000	19
80 1,1,1,2-Tetrachloroethane	131	8.820	8.820	(1.010)	29381	20.0000	20
81 Ethylbenzene	106	8.808	8.808	(1.009)	41456	20.0000	20
82 m+p-Xylene	106	8.905	8.905	(1.020)	104602	40.0000	40
84 o-Xylene	106	9.222	9.222	(1.056)	53011	20.0000	20
85 Styrene	104	9.240	9.240	(1.059)	89551	20.0000	20
83 Butyl Acrylate	73	9.185	9.185	(1.052)	23162	20.0000	19
86 Bromoform	173	9.410	9.410	(1.078)	21517	20.0000	18
87 Amyl Acetate	43	9.356	9.356	(0.892)	37465	20.0000	19
88 Isopropylbenzene	105	9.489	9.489	(1.087)	132888	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	9.648	9.648	(0.920)	187995	50.0000	51
90 Camphene (total)	41	9.666	9.666	(1.107)	12431	20.0000	21
91 Bromobenzene	156	9.757	9.757	(0.930)	37688	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	9.769	9.769	(0.932)	40026	20.0000	19
93 1,2,3-Trichloropropane	110	9.812	9.812	(0.936)	12814	20.0000	19
94 trans-1,4-Dichloro-2-butene	53	9.818	9.818	(0.936)	13519	20.0000	18
95 n-Propylbenzene	91	9.794	9.794	(0.934)	158850	20.0000	20
96 2-Chlorotoluene	91	9.885	9.885	(0.943)	106858	20.0000	20
97 1,3,5-Trimethylbenzene	105	9.927	9.927	(0.947)	112861	20.0000	20
98 4-Chlorotoluene	91	9.970	9.970	(0.951)	95586	20.0000	19
99 Butyl Methacrylate	87	9.982	9.982	(0.952)	39858	20.0000	19
184 4-Ethyltoluene	105	9.927	9.927	(1.707)	112861	20.0000	20
100 tert-Butylbenzene	119	10.159	10.159	(0.969)	95854	20.0000	20
101 1,2,4-Trimethylbenzene	105	10.201	10.201	(0.973)	110988	20.0000	19
103 sec-Butylbenzene	105	10.317	10.317	(0.984)	142979	20.0000	20
105 1,3-Dichlorobenzene	146	10.432	10.432	(0.995)	66463	20.0000	19
107 p-Isopropyltoluene	119	10.414	10.414	(0.993)	122019	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.487	10.487	(1.000)	226948	50.0000	
109 1,4-Dichlorobenzene	146	10.505	10.505	(1.002)	68568	20.0000	19

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69957.d
 Report Date: 15-Aug-2012 11:25

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
110 Benzyl Chloride	91	10.603	10.603	(1.011)	77646	20.0000	19
183 1,4-Diethylbenzene	119	10.688	10.688	(1.838)	81591	20.0000	21
106 n-Butylbenzene	91	10.706	10.706	(1.021)	138049	20.0000	20
171 Indan	117	10.657	10.657	(1.833)	125572	20.0000	20
111 1,2-Dichlorobenzene	146	10.773	10.773	(1.027)	64895	20.0000	20
182 1,2,4,5-Tetramethylbenzene	119	11.241	11.241	(1.933)	110686	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	11.339	11.339	(1.081)	9413	20.0000	19
114 1,2,4-Trichlorobenzene	180	11.971	11.971	(1.142)	41778	20.0000	18
115 Hexachlorobutadiene	225	12.063	12.063	(1.150)	26124	20.0000	20
116 Naphthalene	128	12.209	12.209	(1.164)	102644	20.0000	20
117 1,2,3-Trichlorobenzene	180	12.440	12.440	(1.186)	36617	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				49883	40.0000	39
M 121 Xylene (Total)	100				157613	60.0000	60

QC Flag Legend

M - Compound response manually integrated.

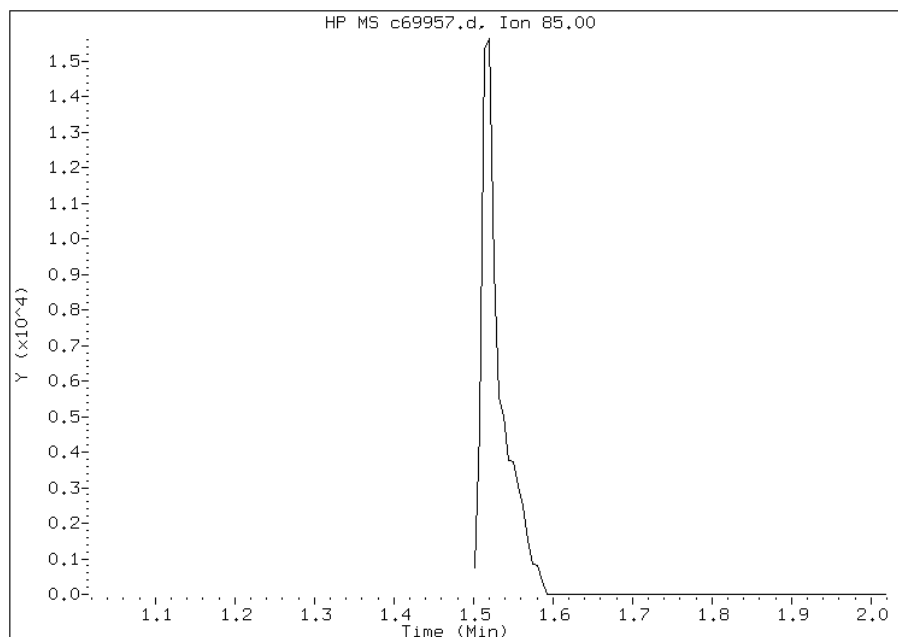
Manual Integration Report

Data File: c69957.d
Inj. Date and Time: 14-AUG-2012 08:47
Instrument ID: VOAMS3.i
Client ID:
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 08/15/2012

Processing Integration Results

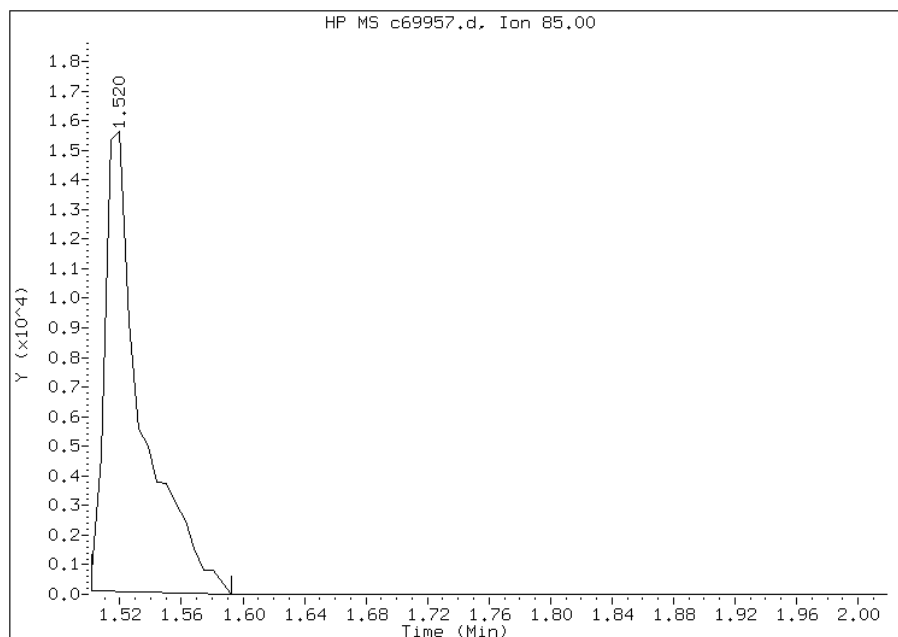
Not Detected

Expected RT: 1.52



Manual Integration Results

RT: 1.52
Response: 26222
Amount: 20
Conc: 20



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69958.d
 Report Date: 15-Aug-2012 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69958.d
 Lab Smp Id: IC-VCAL4
 Inj Date : 14-AUG-2012 09:11
 Operator : Inst ID: VOAMS3.i
 Smp Info : IC-VCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/8260_09.m
 Meth Date : 15-Aug-2012 11:26 vibha Quant Type: ISTD
 Cal Date : 14-AUG-2012 09:11 Cal File: c69958.d
 Als bottle: 7 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.520	1.520 (0.261)		66892	50.0000	48(M)
3 Chloromethane	50	1.727	1.727 (0.297)		89480	50.0000	45
4 Vinyl Chloride	62	1.793	1.794 (0.308)		80010	50.0000	45
6 Bromomethane	94	2.079	2.080 (0.358)		41476	50.0000	43
5 Chloroethane	64	2.165	2.165 (0.372)		42284	50.0000	43
180 Dichlorofluoromethane	67	2.365	2.372 (0.407)		115968	50.0000	47
7 Trichlorofluoromethane	101	2.371	2.372 (0.408)		108105	50.0000	49
8 n-Pentane	72	2.420	2.420 (0.416)		17685	100.000	110
9 Ethanol	46	2.603	2.603 (0.448)		50958	4000.00	3900
10 Isoprene	67	2.651	2.658 (0.456)		76704	50.0000	51
11 Ethyl Ether	59	2.639	2.639 (0.454)		54348	50.0000	48
13 Acrolein	56	2.828	2.822 (0.486)		27495	100.000	95
15 1,1-Dichloroethene	96	2.852	2.852 (0.490)		42602	50.0000	48
14 Freon TF	101	2.816	2.816 (0.484)		58570	50.0000	52
16 Acetone	43	2.962	2.962 (0.509)		32393	50.0000	52
17 Iodomethane	142	3.016	3.023 (0.519)		61047	50.0000	38

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69958.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	3.053	3.053	(0.525)	107793	50.0000	49
20 Allyl Chloride	76	3.205	3.205	(0.551)	29735	50.0000	48
21 Acetonitrile	39	3.278	3.278	(0.564)	56187	1000.00	900
170 Cyclopentene	67	3.223	3.217	(0.554)	130806	50.0000	51
27 Methyl Acetate	43	3.223	3.223	(0.554)	97260	50.0000	51
22 Methylene Chloride	84	3.339	3.339	(0.574)	55542	50.0000	46
24 TBA	59	3.424	3.424	(0.589)	226796	1000.00	1000
25 trans-1,2-Dichloroethene	96	3.546	3.546	(0.610)	52146	50.0000	45
26 Acrylonitrile	53	3.637	3.637	(0.625)	34519	50.0000	48
28 MTBE	73	3.527	3.527	(0.607)	209577	50.0000	48
29 Hexane	56	3.722	3.722	(0.640)	33182	50.0000	53
30 1,1-Dichloroethane	63	3.996	3.990	(0.687)	110489	50.0000	44
31 Vinyl Acetate	43	4.020	4.020	(0.691)	313845	100.000	100
32 DIPE	45	3.971	3.965	(0.683)	241171	50.0000	47
33 Allyl Alcohol	57	4.044	4.045	(0.696)	201757	4000.00	3900
34 n-Propanol	60	4.099	4.099	(0.705)	38589	4000.00	3900
35 t-Butyl-ethyl-ether	59	4.330	4.324	(0.745)	229677	50.0000	48
37 2,2-Dichloropropane	77	4.555	4.556	(0.783)	101999	50.0000	46
36 cis-1,2-Dichloroethene	96	4.580	4.580	(0.788)	68184	50.0000	46
38 2-Butanone	72	4.616	4.610	(0.794)	13053	50.0000	47
39 Ethyl Acetate	70	4.622	4.616	(0.795)	20370	100.000	100
40 Bromochloromethane	128	4.841	4.842	(0.833)	35136	50.0000	46
41 Tetrahydrofuran	42	4.847	4.842	(0.834)	39752	50.0000	47
42 Chloroform	83	4.902	4.908	(0.843)	117307	50.0000	47
43 1,1,1-Trichloroethane	97	5.073	5.067	(0.872)	102661	50.0000	49
44 Cyclohexane	56	5.048	5.048	(0.868)	101947	50.0000	50
45 Carbon Tetrachloride	117	5.200	5.200	(0.894)	84638	50.0000	48
46 1,1-Dichloropropene	75	5.243	5.243	(0.902)	90736	50.0000	49
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.492	5.492	(0.945)	153976	50.0000	50
48 Benzene	78	5.474	5.474	(0.627)	256485	50.0000	45
173 Propionitrile	54	4.768	4.762	(0.820)	32037	100.000	100
49 1,2-Dichloroethane	62	5.584	5.584	(0.960)	97649	50.0000	46
181 Isobutyl Alcohol	43	5.407	5.407	(0.930)	453893	4000.00	3900
174 Methacrylonitrile	67	4.884	4.884	(0.840)	79774	50.0000	48
51 n-Heptane	57	5.663	5.663	(0.974)	41911	50.0000	50
50 t-Amyl-methyl-ether	73	5.559	5.559	(0.956)	220042	50.0000	50
61 Isopropyl Acetate	43	5.559	5.559	(0.956)	448808	100.000	96
* 52 Fluorobenzene	96	5.815	5.815	(1.000)	544860	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	6.070	6.070	(1.044)	46016	100.000	110
54 Trichloroethene	95	6.222	6.216	(1.070)	65656	50.0000	46
53 n-Butanol	41	6.186	6.186	(1.064)	107384	2000.00	2000
56 Methyl cyclohexane	83	6.350	6.350	(1.092)	102670	50.0000	50
55 Ethyl Acrylate	55	6.362	6.362	(1.094)	204505	50.0000	50
57 1,2-Dichloropropane	63	6.527	6.521	(1.122)	71781	50.0000	46
58 Dibromomethane	93	6.648	6.648	(1.143)	43195	50.0000	44
60 1,4-Dioxane	88	6.648	6.642	(1.143)	6481	200.000	190
59 Methyl Methacrylate	100	6.612	6.612	(1.137)	25102	50.0000	47

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69958.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	6.673	6.667	(1.148)	150784	100.000	97
68 Bromodichloromethane	83	6.800	6.800	(1.169)	89272	50.0000	44
62 2-Chloroethyl Vinyl Ether	63	7.111	7.111	(1.223)	49002	50.0000	51
63 Epichlorohydrin	57	7.202	7.202	(0.825)	208637	1000.00	990
67 cis-1,3-Dichloropropene	75	7.250	7.251	(0.831)	115430	50.0000	46
70 4-Methyl-2-Pentanone	43	7.390	7.391	(0.847)	104810	50.0000	50
\$ 65 Toluene-d8 (SUR)	98	7.457	7.457	(0.854)	454113	50.0000	50
66 Toluene	91	7.518	7.518	(0.861)	287775	50.0000	45
64 trans-1,3-Dichloropropene	75	7.786	7.786	(0.892)	110699	50.0000	44
69 1,1,2-Trichloroethane	83	7.944	7.944	(0.910)	57913	50.0000	46
71 Tetrachloroethene	166	7.980	7.981	(0.914)	75418	50.0000	46
175 Ethyl methacrylate	69	7.810	7.810	(1.343)	113384	50.0000	50
72 1,3-Dichloropropane	76	8.096	8.096	(0.928)	118887	50.0000	46
73 2-Hexanone	43	8.139	8.139	(0.932)	75711	50.0000	50
74 Dibromochloromethane	129	8.260	8.260	(0.946)	72496	50.0000	46
76 Butyl Acetate	73	8.218	8.218	(0.941)	50202	100.000	98
77 1,2-Dibromoethane	107	8.370	8.370	(0.959)	72253	50.0000	46
* 78 Chlorobenzene-d5	117	8.729	8.729	(1.000)	438196	50.0000	
79 Chlorobenzene	112	8.747	8.747	(1.002)	191542	50.0000	46
80 1,1,1,2-Tetrachloroethane	131	8.820	8.820	(1.010)	71465	50.0000	46
81 Ethylbenzene	106	8.808	8.808	(1.009)	104172	50.0000	48
82 m+p-Xylene	106	8.905	8.905	(1.020)	258490	100.000	94
84 o-Xylene	106	9.222	9.222	(1.056)	128455	50.0000	46
85 Styrene	104	9.240	9.240	(1.059)	224049	50.0000	48
83 Butyl Acrylate	73	9.185	9.185	(1.052)	64561	50.0000	50
86 Bromoform	173	9.410	9.410	(1.078)	58028	50.0000	48
87 Amyl Acetate	43	9.355	9.356	(0.892)	103015	50.0000	49
88 Isopropylbenzene	105	9.489	9.489	(1.087)	332213	50.0000	48
\$ 89 Bromofluorobenzene (SUR)	174	9.647	9.648	(0.920)	194215	50.0000	50
90 Camphene (total)	41	9.666	9.666	(1.107)	32177	50.0000	51
91 Bromobenzene	156	9.757	9.757	(0.930)	93264	50.0000	47
92 1,1,2,2-Tetrachloroethane	83	9.769	9.769	(0.932)	98702	50.0000	45
93 1,2,3-Trichloropropane	110	9.812	9.812	(0.936)	31072	50.0000	44
94 trans-1,4-Dichloro-2-butene	53	9.818	9.818	(0.936)	34287	50.0000	45
95 n-Propylbenzene	91	9.793	9.794	(0.934)	395585	50.0000	48
96 2-Chlorotoluene	91	9.885	9.885	(0.943)	261025	50.0000	47
97 1,3,5-Trimethylbenzene	105	9.927	9.927	(0.947)	279087	50.0000	48
98 4-Chlorotoluene	91	9.970	9.970	(0.951)	239784	50.0000	46
99 Butyl Methacrylate	87	9.982	9.982	(0.952)	107453	50.0000	50
184 4-Ethyltoluene	105	9.927	9.927	(1.707)	279087	50.0000	48
100 tert-Butylbenzene	119	10.158	10.159	(0.969)	244252	50.0000	48
101 1,2,4-Trimethylbenzene	105	10.207	10.201	(0.973)	278065	50.0000	47
103 sec-Butylbenzene	105	10.317	10.317	(0.984)	357955	50.0000	48
105 1,3-Dichlorobenzene	146	10.432	10.432	(0.995)	168057	50.0000	47
107 p-Isopropyltoluene	119	10.414	10.414	(0.993)	301988	50.0000	48
* 108 1,4-Dichlorobenzene-d4	152	10.487	10.487	(1.000)	236641	50.0000	
109 1,4-Dichlorobenzene	146	10.505	10.505	(1.002)	169321	50.0000	45

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69958.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
110 Benzyl Chloride	91	10.602	10.603	(1.011)	212363	50.0000	50
183 1,4-Diethylbenzene	119	10.688	10.688	(1.838)	206222	50.0000	52
106 n-Butylbenzene	91	10.706	10.706	(1.021)	348195	50.0000	49
171 Indan	117	10.657	10.657	(1.833)	321202	50.0000	50
111 1,2-Dichlorobenzene	146	10.773	10.773	(1.027)	160692	50.0000	46
182 1,2,4,5-Tetramethylbenzene	119	11.241	11.241	(1.933)	286591	50.0000	50
112 1,2-Dibromo-3-chloropropane	75	11.339	11.339	(1.081)	22634	50.0000	43
114 1,2,4-Trichlorobenzene	180	11.971	11.971	(1.142)	109567	50.0000	46
115 Hexachlorobutadiene	225	12.063	12.063	(1.150)	63647	50.0000	47
116 Naphthalene	128	12.209	12.209	(1.164)	281619	50.0000	52
117 1,2,3-Trichlorobenzene	180	12.434	12.440	(1.186)	93750	50.0000	51
M 120 1,2-Dichloroethene (Total)	100				120330	100.000	91
M 121 Xylene (Total)	100				386945	150.000	140

QC Flag Legend

M - Compound response manually integrated.

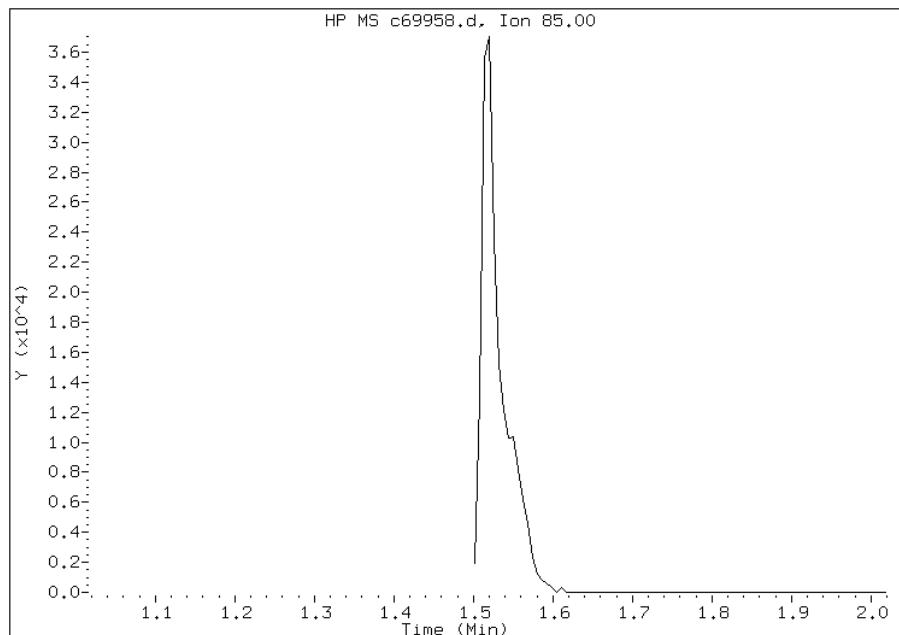
Manual Integration Report

Data File: c69958.d
Inj. Date and Time: 14-AUG-2012 09:11
Instrument ID: VOAMS3.i
Client ID:
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 08/15/2012

Processing Integration Results

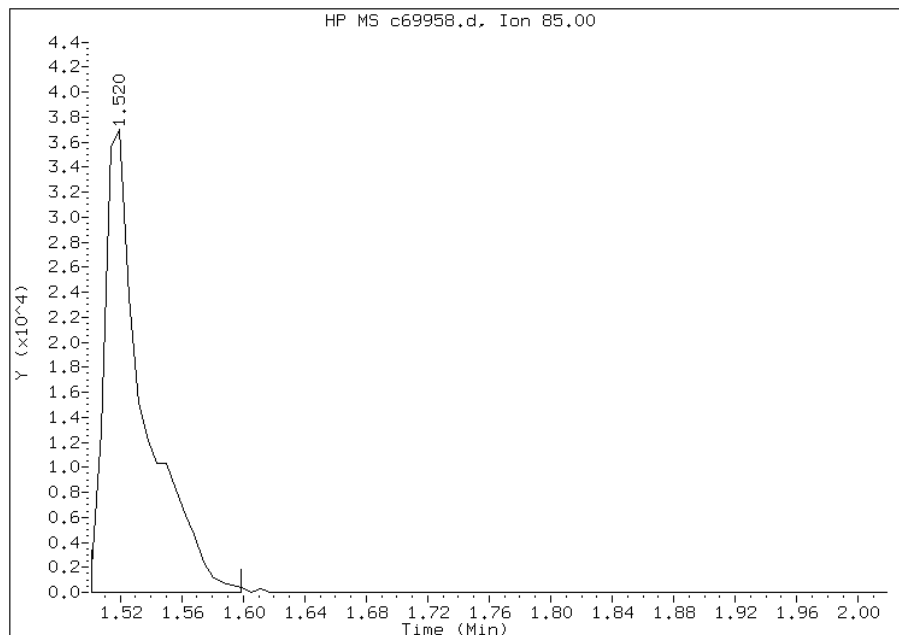
Not Detected

Expected RT: 1.52



Manual Integration Results

RT: 1.52
Response: 66892
Amount: 48
Conc: 48



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69959.d
 Report Date: 15-Aug-2012 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69959.d
 Lab Smp Id: IC-VCAL5
 Inj Date : 14-AUG-2012 09:34
 Operator : Inst ID: VOAMS3.i
 Smp Info : IC-VCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/8260_09.m
 Meth Date : 15-Aug-2012 11:26 vibha Quant Type: ISTD
 Cal Date : 14-AUG-2012 09:34 Cal File: c69959.d
 Als bottle: 8 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.520	1.520	(0.261)	268454	200.000	190(M)
3 Chloromethane	50	1.727	1.727	(0.297)	383519	200.000	190
4 Vinyl Chloride	62	1.794	1.794	(0.308)	349846	200.000	200
6 Bromomethane	94	2.080	2.080	(0.358)	183627	200.000	190
5 Chloroethane	64	2.165	2.165	(0.372)	206632	200.000	210
180 Dichlorofluoromethane	67	2.366	2.372	(0.407)	492407	200.000	200
7 Trichlorofluoromethane	101	2.372	2.372	(0.408)	455577	200.000	210
8 n-Pentane	72	2.420	2.420	(0.416)	77207	400.000	490
9 Ethanol	46	2.603	2.603	(0.448)	72666	5000.00	5500
10 Isoprene	67	2.652	2.658	(0.456)	324971	200.000	220
11 Ethyl Ether	59	2.639	2.639	(0.454)	230214	200.000	200
13 Acrolein	56	2.822	2.822	(0.485)	58767	200.000	200
15 1,1-Dichloroethene	96	2.852	2.852	(0.490)	190013	200.000	210
14 Freon TF	101	2.816	2.816	(0.484)	242187	200.000	220
16 Acetone	43	2.962	2.962	(0.509)	130778	200.000	210
17 Iodomethane	142	3.017	3.023	(0.519)	324128	200.000	200

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	3.053	3.053	(0.525)	454032	200.000	210
20 Allyl Chloride	76	3.205	3.205	(0.551)	125865	200.000	200(A)
21 Acetonitrile	39	3.278	3.278	(0.564)	225400	4000.00	3600
170 Cyclopentene	67	3.223	3.217	(0.554)	539690	200.000	210
27 Methyl Acetate	43	3.223	3.223	(0.554)	383110	200.000	200
22 Methylene Chloride	84	3.339	3.339	(0.574)	243103	200.000	200
24 TBA	59	3.424	3.424	(0.589)	889457	4000.00	4100
25 trans-1,2-Dichloroethene	96	3.546	3.546	(0.610)	223021	200.000	190
26 Acrylonitrile	53	3.637	3.637	(0.625)	73002	100.000	100
28 MTBE	73	3.528	3.527	(0.607)	858808	200.000	190
29 Hexane	56	3.728	3.722	(0.641)	134005	200.000	210
30 1,1-Dichloroethane	63	3.996	3.990	(0.687)	485087	200.000	190
31 Vinyl Acetate	43	4.020	4.020	(0.691)	1334846	400.000	440
32 DIPE	45	3.966	3.965	(0.682)	986890	200.000	190
33 Allyl Alcohol	57	4.045	4.045	(0.696)	273097	5000.00	5200
34 n-Propanol	60	4.105	4.099	(0.706)	51050	5000.00	5100
35 t-Butyl-ethyl-ether	59	4.324	4.324	(0.744)	940919	200.000	200
37 2,2-Dichloropropane	77	4.556	4.556	(0.783)	433828	200.000	190
36 cis-1,2-Dichloroethene	96	4.586	4.580	(0.789)	302186	200.000	200
38 2-Butanone	72	4.617	4.610	(0.794)	53137	200.000	190
39 Ethyl Acetate	70	4.623	4.616	(0.795)	81182	400.000	400
40 Bromochloromethane	128	4.848	4.842	(0.834)	147241	200.000	190
41 Tetrahydrofuran	42	4.848	4.842	(0.834)	156892	200.000	190
42 Chloroform	83	4.909	4.908	(0.844)	504723	200.000	200
43 1,1,1-Trichloroethane	97	5.067	5.067	(0.871)	439546	200.000	210
44 Cyclohexane	56	5.048	5.048	(0.868)	420889	200.000	200
45 Carbon Tetrachloride	117	5.207	5.200	(0.895)	374339	200.000	210
46 1,1-Dichloropropene	75	5.243	5.243	(0.902)	395347	200.000	210
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.493	5.492	(0.945)	156514	50.0000	50
48 Benzene	78	5.474	5.474	(0.627)	1107040	200.000	190
173 Propionitrile	54	4.769	4.762	(0.820)	130770	400.000	410
49 1,2-Dichloroethane	62	5.584	5.584	(0.960)	410991	200.000	190
181 Isobutyl Alcohol	43	5.413	5.407	(0.931)	590866	5000.00	5100
174 Methacrylonitrile	67	4.884	4.884	(0.840)	332684	200.000	200
51 n-Heptane	57	5.663	5.663	(0.974)	176901	200.000	210
50 t-Amyl-methyl-ether	73	5.559	5.559	(0.956)	899779	200.000	200
61 Isopropyl Acetate	43	5.559	5.559	(0.956)	1828106	400.000	390
* 52 Fluorobenzene	96	5.815	5.815	(1.000)	546478	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	6.070	6.070	(1.044)	198825	400.000	470
54 Trichloroethene	95	6.216	6.216	(1.069)	284728	200.000	200
53 n-Butanol	41	6.186	6.186	(1.064)	149952	2500.00	2700
56 Methyl cyclohexane	83	6.350	6.350	(1.092)	424510	200.000	210
55 Ethyl Acrylate	55	6.362	6.362	(1.094)	858617	200.000	210
57 1,2-Dichloropropane	63	6.527	6.521	(1.122)	313829	200.000	200
58 Dibromomethane	93	6.648	6.648	(1.143)	190533	200.000	200
60 1,4-Dioxane	88	6.642	6.642	(1.142)	9824	250.000	280
59 Methyl Methacrylate	100	6.612	6.612	(1.137)	107989	200.000	200

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69959.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	6.673	6.667	(1.147)	615360	400.000	400
68 Bromodichloromethane	83	6.801	6.800	(1.169)	412027	200.000	200
62 2-Chloroethyl Vinyl Ether	63	7.111	7.111	(1.223)	207741	200.000	220
63 Epichlorohydrin	57	7.202	7.202	(0.825)	872098	4000.00	4000
67 cis-1,3-Dichloropropene	75	7.251	7.251	(0.831)	509617	200.000	200
70 4-Methyl-2-Pentanone	43	7.391	7.391	(0.847)	446562	200.000	200
\$ 65 Toluene-d8 (SUR)	98	7.458	7.457	(0.854)	464632	50.0000	49
66 Toluene	91	7.518	7.518	(0.861)	1247938	200.000	190
64 trans-1,3-Dichloropropene	75	7.786	7.786	(0.892)	492457	200.000	190
69 1,1,2-Trichloroethane	83	7.944	7.944	(0.910)	254797	200.000	200
71 Tetrachloroethene	166	7.981	7.981	(0.914)	330805	200.000	200
175 Ethyl methacrylate	69	7.810	7.810	(1.343)	483720	200.000	210
72 1,3-Dichloropropane	76	8.096	8.096	(0.928)	513652	200.000	190
73 2-Hexanone	43	8.139	8.139	(0.932)	315217	200.000	200
74 Dibromochloromethane	129	8.261	8.260	(0.946)	331983	200.000	200
76 Butyl Acetate	73	8.218	8.218	(0.941)	215164	400.000	400
77 1,2-Dibromoethane	107	8.370	8.370	(0.959)	312833	200.000	190
* 78 Chlorobenzene-d5	117	8.729	8.729	(1.000)	455386	50.0000	
79 Chlorobenzene	112	8.747	8.747	(1.002)	851332	200.000	200
80 1,1,1,2-Tetrachloroethane	131	8.820	8.820	(1.010)	324252	200.000	200
81 Ethylbenzene	106	8.808	8.808	(1.009)	464768	200.000	210
82 m+p-Xylene	106	8.905	8.905	(1.020)	1145046	400.000	400
84 o-Xylene	106	9.222	9.222	(1.056)	572013	200.000	200
85 Styrene	104	9.240	9.240	(1.059)	993122	200.000	200
83 Butyl Acrylate	73	9.185	9.185	(1.052)	279371	200.000	210
86 Bromoform	173	9.410	9.410	(1.078)	268257	200.000	210
87 Amyl Acetate	43	9.356	9.356	(0.892)	441439	200.000	200
88 Isopropylbenzene	105	9.489	9.489	(1.087)	1461940	200.000	200
\$ 89 Bromofluorobenzene (SUR)	174	9.648	9.648	(0.920)	197106	50.0000	49
90 Camphene (total)	41	9.666	9.666	(1.107)	137457	200.000	210
91 Bromobenzene	156	9.757	9.757	(0.930)	407112	200.000	200
92 1,1,2,2-Tetrachloroethane	83	9.769	9.769	(0.932)	428359	200.000	190
93 1,2,3-Trichloropropane	110	9.812	9.812	(0.936)	138832	200.000	190
94 trans-1,4-Dichloro-2-butene	53	9.818	9.818	(0.936)	149856	200.000	190
95 n-Propylbenzene	91	9.800	9.794	(0.934)	1742270	200.000	200
96 2-Chlorotoluene	91	9.885	9.885	(0.943)	1156372	200.000	200
97 1,3,5-Trimethylbenzene	105	9.927	9.927	(0.947)	1204869	200.000	200
98 4-Chlorotoluene	91	9.970	9.970	(0.951)	1051656	200.000	200
99 Butyl Methacrylate	87	9.982	9.982	(0.952)	460300	200.000	200
184 4-Ethyltoluene	105	9.927	9.927	(1.707)	1204869	200.000	210
100 tert-Butylbenzene	119	10.159	10.159	(0.969)	1058334	200.000	200
101 1,2,4-Trimethylbenzene	105	10.207	10.201	(0.973)	1223538	200.000	200
103 sec-Butylbenzene	105	10.317	10.317	(0.984)	1560274	200.000	200
105 1,3-Dichlorobenzene	146	10.432	10.432	(0.995)	719684	200.000	190
107 p-Isopropyltoluene	119	10.414	10.414	(0.993)	1334581	200.000	200
* 108 1,4-Dichlorobenzene-d4	152	10.487	10.487	(1.000)	245515	50.0000	
109 1,4-Dichlorobenzene	146	10.505	10.505	(1.002)	733357	200.000	190

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69959.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
110 Benzyl Chloride	91	10.603	10.603	(1.011)	903485	200.000	200
183 1,4-Diethylbenzene	119	10.688	10.688	(1.838)	876095	200.000	220
106 n-Butylbenzene	91	10.706	10.706	(1.021)	1518261	200.000	200
171 Indan	117	10.657	10.657	(1.833)	1327595	200.000	200
111 1,2-Dichlorobenzene	146	10.773	10.773	(1.027)	706837	200.000	200
182 1,2,4,5-Tetramethylbenzene	119	11.242	11.241	(1.933)	1220276	200.000	210
112 1,2-Dibromo-3-chloropropane	75	11.339	11.339	(1.081)	97404	200.000	180
114 1,2,4-Trichlorobenzene	180	11.972	11.971	(1.142)	474545	200.000	190
115 Hexachlorobutadiene	225	12.063	12.063	(1.150)	286375	200.000	200
116 Naphthalene	128	12.209	12.209	(1.164)	1218403	200.000	220
117 1,2,3-Trichlorobenzene	180	12.440	12.440	(1.186)	412162	200.000	220
M 120 1,2-Dichloroethene (Total)	100				525207	400.000	390
M 121 Xylene (Total)	100				1717059	600.000	600

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.

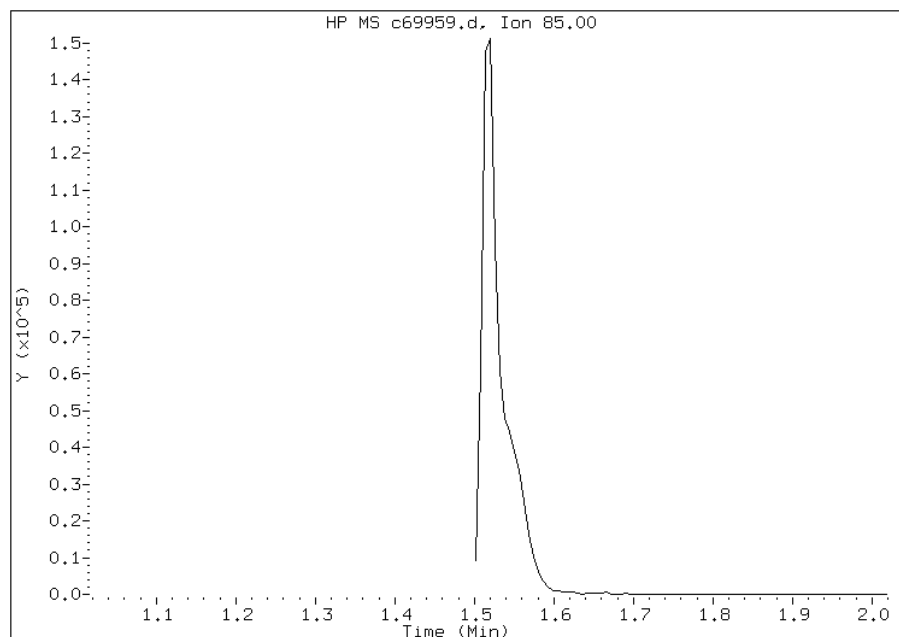
Manual Integration Report

Data File: c69959.d
Inj. Date and Time: 14-AUG-2012 09:34
Instrument ID: VOAMS3.i
Client ID:
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 08/15/2012

Processing Integration Results

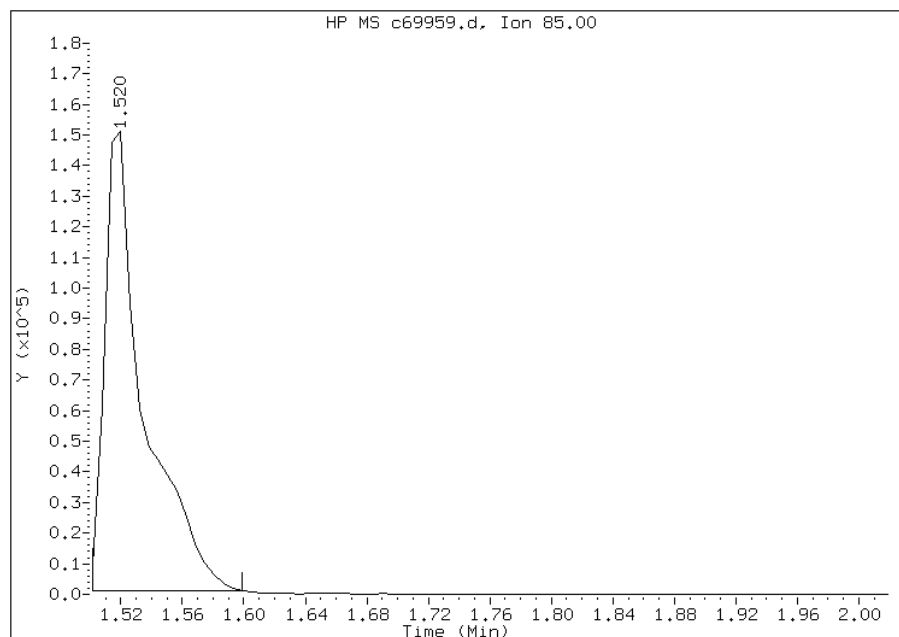
Not Detected

Expected RT: 1.52



Manual Integration Results

RT: 1.52
Response: 268454
Amount: 193
Conc: 193



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69960.d
 Report Date: 15-Aug-2012 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69960.d
 Lab Smp Id: IC-VCAL6
 Inj Date : 14-AUG-2012 09:57
 Operator : Inst ID: VOAMS3.i
 Smp Info : IC-VCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/8260_09.m
 Meth Date : 15-Aug-2012 11:26 vibha Quant Type: ISTD
 Cal Date : 14-AUG-2012 09:57 Cal File: c69960.d
 Als bottle: 9 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.514	1.520 (0.260)		727067	500.000	450(M)
3 Chloromethane	50	1.727	1.727 (0.297)		1084949	500.000	470
4 Vinyl Chloride	62	1.794	1.794 (0.308)		964298	500.000	470
6 Bromomethane	94	2.074	2.080 (0.357)		569334	500.000	500(A)
5 Chloroethane	64	2.165	2.165 (0.372)		577658	500.000	510(A)
180 Dichlorofluoromethane	67	2.366	2.372 (0.407)		1340058	500.000	470
7 Trichlorofluoromethane	101	2.372	2.372 (0.408)		1239848	500.000	490
8 n-Pentane	72	2.420	2.420 (0.416)		217714	1000.00	1200(A)
9 Ethanol	46	2.603	2.603 (0.448)		107068	6000.00	7000(A)
10 Isoprene	67	2.652	2.658 (0.456)		944058	500.000	540(A)
11 Ethyl Ether	59	2.639	2.639 (0.454)		650199	500.000	500
13 Acrolein	56	2.822	2.822 (0.485)		136646	400.000	410
15 1,1-Dichloroethene	96	2.858	2.852 (0.492)		551337	500.000	530(A)
14 Freon TF	101	2.816	2.816 (0.484)		690329	500.000	530(A)
16 Acetone	43	2.962	2.962 (0.509)		362766	500.000	500
17 Iodomethane	142	3.017	3.023 (0.519)		926962	500.000	500

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69960.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	3.053	3.053	(0.525)	1336290	500.000	520(A)
20 Allyl Chloride	76	3.205	3.205	(0.551)	375144	500.000	520(A)
21 Acetonitrile	39	3.284	3.278	(0.565)	738157	10000.0	10000(A)
170 Cyclopentene	67	3.223	3.217	(0.554)	1613521	500.000	540(A)
27 Methyl Acetate	43	3.223	3.223	(0.554)	1108123	500.000	500
22 Methylene Chloride	84	3.345	3.339	(0.575)	699349	500.000	500
24 TBA	59	3.430	3.424	(0.590)	2534120	10000.0	10000
25 trans-1,2-Dichloroethene	96	3.552	3.546	(0.611)	663728	500.000	490
26 Acrylonitrile	53	3.637	3.637	(0.625)	169762	200.000	200
28 MTBE	73	3.528	3.527	(0.607)	2406348	500.000	470
29 Hexane	56	3.722	3.722	(0.640)	391776	500.000	530(A)
30 1,1-Dichloroethane	63	3.996	3.990	(0.687)	1380688	500.000	470
31 Vinyl Acetate	43	4.020	4.020	(0.691)	3573736	1000.00	1000(A)
32 DIPE	45	3.972	3.965	(0.683)	2763145	500.000	470
33 Allyl Alcohol	57	4.051	4.045	(0.697)	376009	6000.00	6200(A)
34 n-Propanol	60	4.106	4.099	(0.706)	73137	6000.00	6300(A)
35 t-Butyl-ethyl-ether	59	4.331	4.324	(0.745)	2608592	500.000	470
37 2,2-Dichloropropane	77	4.556	4.556	(0.783)	1194421	500.000	460
36 cis-1,2-Dichloroethene	96	4.586	4.580	(0.789)	845138	500.000	490
38 2-Butanone	72	4.617	4.610	(0.794)	149009	500.000	460
39 Ethyl Acetate	70	4.623	4.616	(0.795)	234888	1000.00	1000
40 Bromochloromethane	128	4.848	4.842	(0.834)	395410	500.000	440
41 Tetrahydrofuran	42	4.848	4.842	(0.834)	429894	500.000	440
42 Chloroform	83	4.909	4.908	(0.844)	1384854	500.000	480
43 1,1,1-Trichloroethane	97	5.067	5.067	(0.871)	1205598	500.000	490
44 Cyclohexane	56	5.048	5.048	(0.868)	1186523	500.000	500
45 Carbon Tetrachloride	117	5.207	5.200	(0.895)	1033135	500.000	500(A)
46 1,1-Dichloropropene	75	5.249	5.243	(0.903)	1105688	500.000	510(A)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.499	5.492	(0.946)	174219	50.0000	48
48 Benzene	78	5.474	5.474	(0.627)	3048065	500.000	470
173 Propionitrile	54	4.769	4.762	(0.820)	369978	1000.00	1000
49 1,2-Dichloroethane	62	5.584	5.584	(0.960)	1107298	500.000	440
181 Isobutyl Alcohol	43	5.414	5.407	(0.931)	825748	6000.00	6100(A)
174 Methacrylonitrile	67	4.884	4.884	(0.840)	920129	500.000	480
51 n-Heptane	57	5.669	5.663	(0.975)	478229	500.000	490
50 t-Amyl-methyl-ether	73	5.560	5.559	(0.956)	2462211	500.000	480
61 Isopropyl Acetate	43	5.560	5.559	(0.956)	4906945	1000.00	900
* 52 Fluorobenzene	96	5.815	5.815	(1.000)	634646	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	6.071	6.070	(1.044)	544900	1000.00	1100(A)
54 Trichloroethene	95	6.223	6.216	(1.070)	794625	500.000	480
53 n-Butanol	41	6.192	6.186	(1.065)	208244	3000.00	3200(A)
56 Methyl cyclohexane	83	6.350	6.350	(1.092)	1176115	500.000	500
55 Ethyl Acrylate	55	6.363	6.362	(1.094)	2374963	500.000	500(A)
57 1,2-Dichloropropane	63	6.527	6.521	(1.122)	867390	500.000	480
58 Dibromomethane	93	6.655	6.648	(1.144)	494008	500.000	440
60 1,4-Dioxane	88	6.655	6.642	(1.144)	13818	300.000	340(A)
59 Methyl Methacrylate	100	6.618	6.612	(1.138)	298434	500.000	480

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69960.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	6.673	6.667	(1.147)	1702896	1000.00	940
68 Bromodichloromethane	83	6.801	6.800	(1.169)	1126412	500.000	480
62 2-Chloroethyl Vinyl Ether	63	7.117	7.111	(1.224)	600081	500.000	540(A)
63 Epichlorohydrin	57	7.208	7.202	(0.826)	2356915	10000.0	9700
67 cis-1,3-Dichloropropene	75	7.251	7.251	(0.831)	1411523	500.000	490
70 4-Methyl-2-Pentanone	43	7.397	7.391	(0.847)	1219757	500.000	500(A)
\$ 65 Toluene-d8 (SUR)	98	7.458	7.457	(0.854)	532130	50.0000	51
66 Toluene	91	7.518	7.518	(0.861)	3318986	500.000	450
64 trans-1,3-Dichloropropene	75	7.786	7.786	(0.892)	1329771	500.000	460
69 1,1,2-Trichloroethane	83	7.950	7.944	(0.911)	686308	500.000	480
71 Tetrachloroethene	166	7.981	7.981	(0.914)	898573	500.000	480
175 Ethyl methacrylate	69	7.810	7.810	(1.343)	1317420	500.000	500
72 1,3-Dichloropropane	76	8.102	8.096	(0.928)	1377647	500.000	460
73 2-Hexanone	43	8.145	8.139	(0.933)	858395	500.000	490
74 Dibromochloromethane	129	8.261	8.260	(0.946)	902443	500.000	500(A)
76 Butyl Acetate	73	8.218	8.218	(0.941)	585269	1000.00	990
77 1,2-Dibromoethane	107	8.370	8.370	(0.959)	839036	500.000	460
* 78 Chlorobenzene-d5	117	8.729	8.729	(1.000)	504603	50.0000	
79 Chlorobenzene	112	8.753	8.747	(1.003)	2245535	500.000	470
80 1,1,1,2-Tetrachloroethane	131	8.820	8.820	(1.010)	870218	500.000	490
81 Ethylbenzene	106	8.808	8.808	(1.009)	1254065	500.000	500(A)
82 m+p-Xylene	106	8.905	8.905	(1.020)	3003914	1000.00	940
84 o-Xylene	106	9.222	9.222	(1.056)	1496106	500.000	470
85 Styrene	104	9.240	9.240	(1.059)	2599418	500.000	480
83 Butyl Acrylate	73	9.185	9.185	(1.052)	766654	500.000	520(A)
86 Bromoform	173	9.410	9.410	(1.078)	730004	500.000	520(A)
87 Amyl Acetate	43	9.356	9.356	(0.892)	1225851	500.000	490
88 Isopropylbenzene	105	9.489	9.489	(1.087)	3686646	500.000	470
\$ 89 Bromofluorobenzene (SUR)	174	9.648	9.648	(0.920)	216533	50.0000	47
90 Camphene (total)	41	9.666	9.666	(1.107)	359229	500.000	500
91 Bromobenzene	156	9.757	9.757	(0.930)	1053281	500.000	440
92 1,1,2,2-Tetrachloroethane	83	9.769	9.769	(0.932)	1197969	500.000	460
93 1,2,3-Trichloropropane	110	9.812	9.812	(0.936)	375441	500.000	440
94 trans-1,4-Dichloro-2-butene	53	9.818	9.818	(0.936)	420124	500.000	460
95 n-Propylbenzene	91	9.800	9.794	(0.934)	4432021	500.000	440
96 2-Chlorotoluene	91	9.891	9.885	(0.943)	3040008	500.000	450
97 1,3,5-Trimethylbenzene	105	9.928	9.927	(0.947)	3166895	500.000	460
98 4-Chlorotoluene	91	9.976	9.970	(0.951)	2754318	500.000	440
99 Butyl Methacrylate	87	9.982	9.982	(0.952)	1329705	500.000	510(A)
184 4-Ethyltoluene	105	9.928	9.927	(1.707)	3166895	500.000	470
100 tert-Butylbenzene	119	10.159	10.159	(0.969)	2846501	500.000	470
101 1,2,4-Trimethylbenzene	105	10.207	10.201	(0.973)	3274358	500.000	460
103 sec-Butylbenzene	105	10.317	10.317	(0.984)	4118115	500.000	460
105 1,3-Dichlorobenzene	146	10.439	10.432	(0.995)	2004910	500.000	470
107 p-Isopropyltoluene	119	10.420	10.414	(0.994)	3606093	500.000	480
* 108 1,4-Dichlorobenzene-d4	152	10.487	10.487	(1.000)	283799	50.0000	
109 1,4-Dichlorobenzene	146	10.505	10.505	(1.002)	2029674	500.000	450

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69960.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
110 Benzyl Chloride	91	10.609	10.603	(1.012)	2437900	500.000	480
183 1,4-Diethylbenzene	119	10.688	10.688	(1.838)	2323349	500.000	500
106 n-Butylbenzene	91	10.706	10.706	(1.021)	4039054	500.000	470
171 Indan	117	10.664	10.657	(1.834)	3574339	500.000	480
111 1,2-Dichlorobenzene	146	10.773	10.773	(1.027)	1897983	500.000	460
182 1,2,4,5-Tetramethylbenzene	119	11.242	11.241	(1.933)	3134577	500.000	470
112 1,2-Dibromo-3-chloropropane	75	11.339	11.339	(1.081)	256641	500.000	410
114 1,2,4-Trichlorobenzene	180	11.972	11.971	(1.142)	1253741	500.000	440
115 Hexachlorobutadiene	225	12.063	12.063	(1.150)	777999	500.000	480
116 Naphthalene	128	12.209	12.209	(1.164)	3190842	500.000	490
117 1,2,3-Trichlorobenzene	180	12.440	12.440	(1.186)	1085844	500.000	490
M 120 1,2-Dichloroethene (Total)	100				1508866	1000.00	980
M 121 Xylene (Total)	100				4500020	1500.00	1400

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.

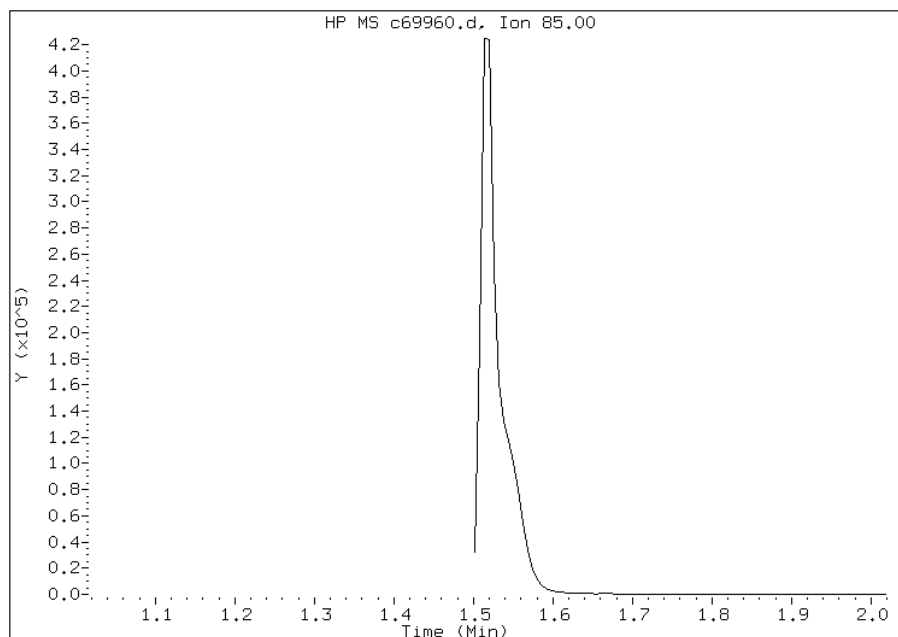
Manual Integration Report

Data File: c69960.d
Inj. Date and Time: 14-AUG-2012 09:57
Instrument ID: VOAMS3.i
Client ID:
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 08/15/2012

Processing Integration Results

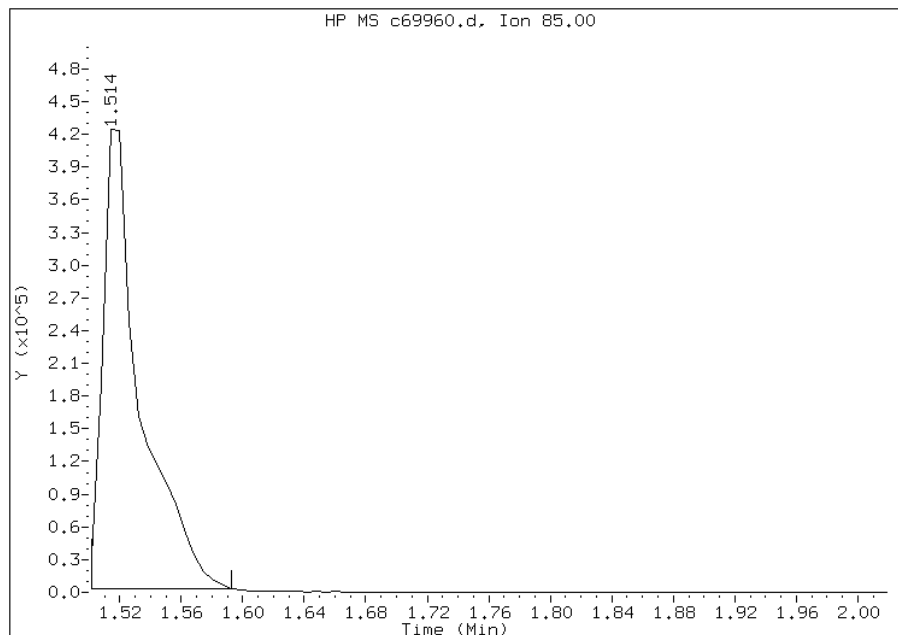
Not Detected

Expected RT: 1.52



Manual Integration Results

RT: 1.51
Response: 727067
Amount: 451
Conc: 451



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69970.d
 Report Date: 15-Aug-2012 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69970.d
 Lab Smp Id: IC-VCAL1
 Inj Date : 14-AUG-2012 15:41
 Operator : Inst ID: VOAMS3.i
 Smp Info : IC-VCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/8260_09.m
 Meth Date : 15-Aug-2012 11:26 vibha Quant Type: ISTD
 Cal Date : 14-AUG-2012 15:41 Cal File: c69970.d
 Als bottle: 19 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.520	1.520 (0.261)		1843	1.00000	1.1(M)
3 Chloromethane	50	1.721	1.727 (0.296)		2700	1.00000	1.2
4 Vinyl Chloride	62	1.794	1.794 (0.308)		2331	1.00000	1.1
6 Bromomethane	94	2.074	2.080 (0.357)		1803	1.00000	1.6
5 Chloroethane	64	2.171	2.165 (0.373)		1326	1.00000	1.2
180 Dichlorofluoromethane	67	2.366	2.372 (0.407)		3424	1.00000	1.2
7 Trichlorofluoromethane	101	2.378	2.372 (0.409)		2489	1.00000	0.97(a)
8 n-Pentane	72	2.420	2.420 (0.416)		302	2.00000	1.6(a)
9 Ethanol	46	2.597	2.603 (0.447)		16756	1000.00	1100
10 Isoprene	67	2.658	2.658 (0.457)		1568	1.00000	0.88(a)
11 Ethyl Ether	59	2.639	2.639 (0.454)		1480	1.00000	1.1
13 Acrolein	56	2.822	2.822 (0.485)		1426	4.00000	4.2
15 1,1-Dichloroethene	96	2.846	2.852 (0.489)		875	1.00000	0.83(a)
14 Freon TF	101	2.816	2.816 (0.484)		1317	1.00000	1.00
16 Acetone	43	2.956	2.962 (0.508)		7377	5.00000	10
17 Iodomethane	142	3.017	3.023 (0.519)		827	1.00000	0.44(a)

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69970.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	3.047	3.053	(0.524)	2767	1.00000	1.1
20 Allyl Chloride	76	3.199	3.205	(0.550)	776	1.00000	1.0
21 Acetonitrile	39	3.278	3.278	(0.564)	1882	20.0000	26
170 Cyclopentene	67	3.223	3.217	(0.554)	2872	1.00000	0.94(a)
27 Methyl Acetate	43	3.223	3.223	(0.554)	2458	1.00000	1.1
22 Methylene Chloride	84	3.345	3.339	(0.575)	2118	1.00000	1.5
24 TBA	59	3.418	3.424	(0.588)	8780	20.0000	34
25 trans-1,2-Dichloroethene	96	3.546	3.546	(0.610)	1427	1.00000	1.0
26 Acrylonitrile	53	3.631	3.637	(0.624)	1902	2.00000	2.2
28 MTBE	73	3.528	3.527	(0.607)	5980	1.00000	1.2
29 Hexane	56	3.716	3.722	(0.639)	654	1.00000	0.88(a)
30 1,1-Dichloroethane	63	3.996	3.990	(0.687)	3378	1.00000	1.1
31 Vinyl Acetate	43	4.020	4.020	(0.691)	7708	2.00000	2.2
32 DIPE	45	3.972	3.965	(0.683)	6833	1.00000	1.1
33 Allyl Alcohol	57	4.033	4.045	(0.693)	70808	1000.00	1200
34 n-Propanol	60	4.087	4.099	(0.703)	13408	1000.00	1100
35 t-Butyl-ethyl-ether	59	4.319	4.324	(0.743)	6421	1.00000	1.1
37 2,2-Dichloropropane	77	4.544	4.556	(0.781)	2766	1.00000	1.0
36 cis-1,2-Dichloroethene	96	4.574	4.580	(0.787)	1923	1.00000	1.1
38 2-Butanone	72	4.611	4.610	(0.793)	2113	5.00000	6.5
39 Ethyl Acetate	70	4.623	4.616	(0.795)	686	2.00000	2.9
40 Bromochloromethane	128	4.848	4.842	(0.834)	1112	1.00000	1.2
41 Tetrahydrofuran	42	4.848	4.842	(0.834)	1676	1.00000	1.7
42 Chloroform	83	4.909	4.908	(0.844)	2928	1.00000	1.00
43 1,1,1-Trichloroethane	97	5.073	5.067	(0.872)	2222	1.00000	0.89(a)
44 Cyclohexane	56	5.049	5.048	(0.868)	1754	1.00000	0.73(a)
45 Carbon Tetrachloride	117	5.201	5.200	(0.894)	1832	1.00000	0.88(a)
46 1,1-Dichloropropene	75	5.237	5.243	(0.901)	2231	1.00000	0.97(aM)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.493	5.492	(0.945)	184850	50.0000	51
48 Benzene	78	5.468	5.474	(0.627)	7047	1.00000	1.1
173 Propionitrile	54	4.763	4.762	(0.819)	1108	2.00000	3.0(a)
49 1,2-Dichloroethane	62	5.584	5.584	(0.960)	3061	1.00000	1.2
181 Isobutyl Alcohol	43	5.401	5.407	(0.929)	148987	1000.00	1100
174 Methacrylonitrile	67	4.878	4.884	(0.839)	2166	1.00000	1.1(a)
51 n-Heptane	57	5.657	5.663	(0.973)	711	1.00000	0.73(a)
50 t-Amyl-methyl-ether	73	5.560	5.559	(0.956)	5109	1.00000	1.00
61 Isopropyl Acetate	43	5.553	5.559	(0.955)	12957	2.00000	2.4
* 52 Fluorobenzene	96	5.815	5.815	(1.000)	641522	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	6.071	6.070	(1.044)	723	2.00000	1.5(a)
54 Trichloroethene	95	6.223	6.216	(1.070)	1798	1.00000	1.1
53 n-Butanol	41	6.180	6.186	(1.063)	34980	500.000	540
56 Methyl cyclohexane	83	6.350	6.350	(1.092)	1692	1.00000	0.71(a)
55 Ethyl Acrylate	55	6.363	6.362	(1.094)	4717	1.00000	0.99(a)
57 1,2-Dichloropropane	63	6.533	6.521	(1.123)	1913	1.00000	1.0
58 Dibromomethane	93	6.642	6.648	(1.142)	1462	1.00000	1.3
60 1,4-Dioxane	88	6.642	6.642	(1.142)	2133	50.0000	52
59 Methyl Methacrylate	100	6.606	6.612	(1.136)	776	1.00000	1.2

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69970.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	6.667	6.667	(1.146)	4266	2.00000	2.3
68 Bromodichloromethane	83	6.801	6.800	(1.169)	2531	1.00000	1.1
62 2-Chloroethyl Vinyl Ether	63	7.111	7.111	(1.223)	1107	1.00000	0.98(a)
63 Epichlorohydrin	57	7.202	7.202	(0.826)	5777	20.0000	24
67 cis-1,3-Dichloropropene	75	7.245	7.251	(0.831)	3007	1.00000	1.0
70 4-Methyl-2-Pentanone	43	7.391	7.391	(0.847)	12723	5.00000	5.2
\$ 65 Toluene-d8 (SUR)	98	7.458	7.457	(0.855)	525256	50.0000	50
66 Toluene	91	7.518	7.518	(0.862)	8221	1.00000	1.1
64 trans-1,3-Dichloropropene	75	7.786	7.786	(0.893)	3525	1.00000	1.2
69 1,1,2-Trichloroethane	83	7.944	7.944	(0.911)	1545	1.00000	1.1
71 Tetrachloroethene	166	7.987	7.981	(0.916)	1797	1.00000	0.96(a)
175 Ethyl methacrylate	69	7.810	7.810	(1.343)	2892	1.00000	1.1
72 1,3-Dichloropropane	76	8.096	8.096	(0.928)	3525	1.00000	1.2
73 2-Hexanone	43	8.139	8.139	(0.933)	9533	5.00000	5.4
74 Dibromochloromethane	129	8.261	8.260	(0.947)	1814	1.00000	1.0
76 Butyl Acetate	73	8.218	8.218	(0.942)	1340	2.00000	2.3
77 1,2-Dibromoethane	107	8.370	8.370	(0.960)	2275	1.00000	1.2
* 78 Chlorobenzene-d5	117	8.723	8.729	(1.000)	506253	50.0000	
79 Chlorobenzene	112	8.747	8.747	(1.003)	5168	1.00000	1.1
80 1,1,1,2-Tetrachloroethane	131	8.820	8.820	(1.011)	1724	1.00000	0.97(a)
81 Ethylbenzene	106	8.808	8.808	(1.010)	2200	1.00000	0.88(a)
82 m+p-Xylene	106	8.906	8.905	(1.021)	6462	2.00000	2.0
84 o-Xylene	106	9.222	9.222	(1.057)	3356	1.00000	1.0
85 Styrene	104	9.240	9.240	(1.059)	5343	1.00000	0.99(a)
83 Butyl Acrylate	73	9.185	9.185	(1.053)	1544	1.00000	1.0
86 Bromoform	173	9.410	9.410	(1.079)	1360	1.00000	0.97(a)
87 Amyl Acetate	43	9.356	9.356	(0.892)	2674	1.00000	1.1
88 Isopropylbenzene	105	9.490	9.489	(1.088)	7285	1.00000	0.92(a)
\$ 89 Bromofluorobenzene (SUR)	174	9.648	9.648	(0.920)	218911	50.0000	51
90 Camphene (total)	41	9.666	9.666	(1.108)	760	1.00000	1.0
91 Bromobenzene	156	9.757	9.757	(0.930)	2388	1.00000	1.1
92 1,1,2,2-Tetrachloroethane	83	9.769	9.769	(0.932)	2976	1.00000	1.2
93 1,2,3-Trichloropropane	110	9.812	9.812	(0.936)	981	1.00000	1.2
94 trans-1,4-Dichloro-2-butene	53	9.818	9.818	(0.936)	1095	1.00000	1.3
95 n-Propylbenzene	91	9.794	9.794	(0.934)	9007	1.00000	0.97(a)
96 2-Chlorotoluene	91	9.885	9.885	(0.943)	6508	1.00000	1.0
97 1,3,5-Trimethylbenzene	105	9.934	9.927	(0.947)	6317	1.00000	0.98(a)
98 4-Chlorotoluene	91	9.970	9.970	(0.951)	6227	1.00000	1.1
99 Butyl Methacrylate	87	9.982	9.982	(0.952)	2565	1.00000	1.1
184 4-Ethyltoluene	105	9.934	9.927	(1.708)	6317	1.00000	0.93(a)
100 tert-Butylbenzene	119	10.159	10.159	(0.969)	5516	1.00000	0.97(a)
101 1,2,4-Trimethylbenzene	105	10.207	10.201	(0.973)	6695	1.00000	1.0
103 sec-Butylbenzene	105	10.317	10.317	(0.984)	7624	1.00000	0.92(a)
105 1,3-Dichlorobenzene	146	10.439	10.432	(0.995)	4092	1.00000	1.0
107 p-Isopropyltoluene	119	10.420	10.414	(0.994)	6120	1.00000	0.87(a)
* 108 1,4-Dichlorobenzene-d4	152	10.487	10.487	(1.000)	264512	50.0000	
109 1,4-Dichlorobenzene	146	10.505	10.505	(1.002)	4880	1.00000	1.2

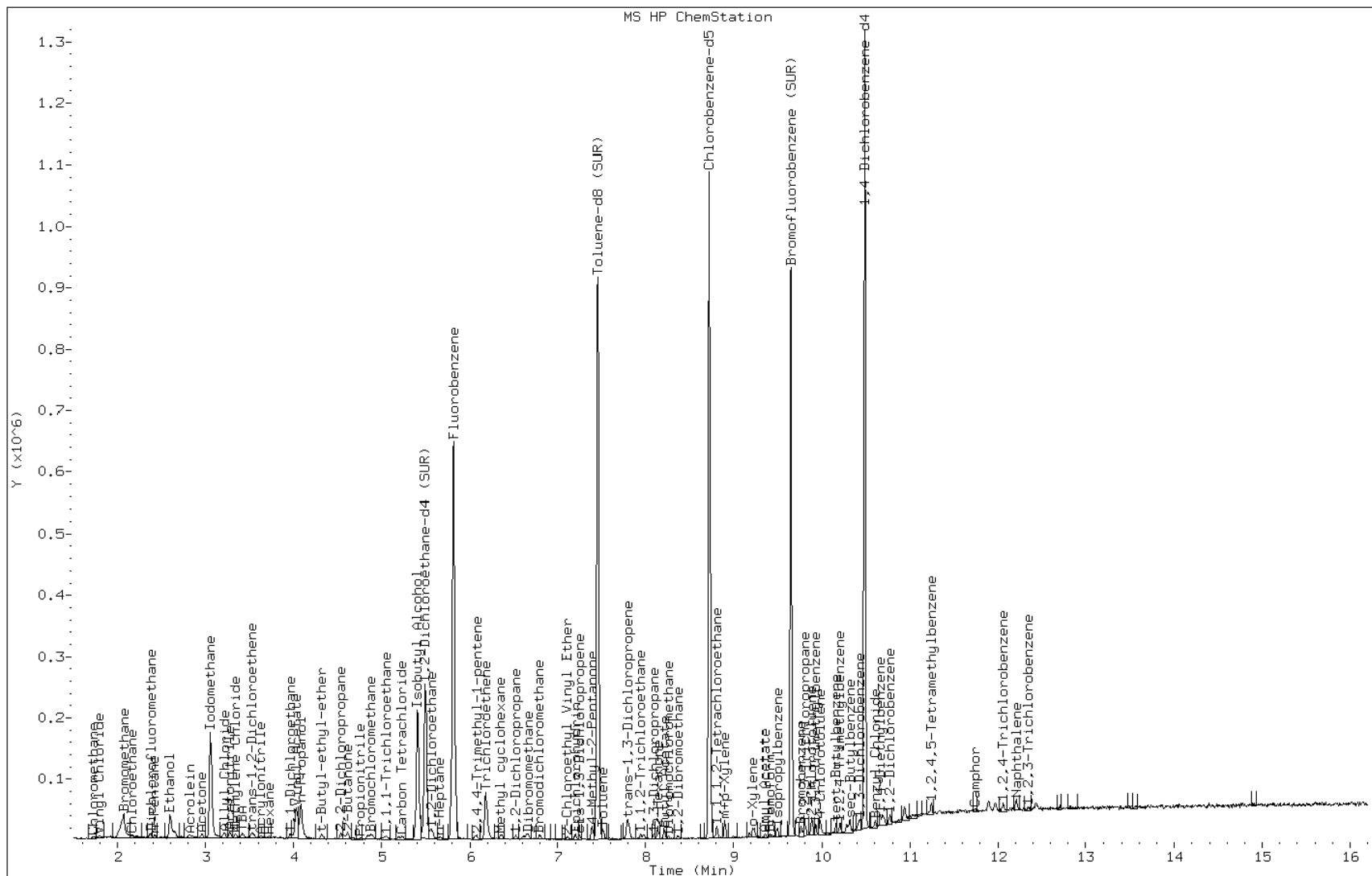
Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69970.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
110 Benzyl Chloride	91	10.609	10.603	(1.012)	5327	1.00000	1.1
183 1,4-Diethylbenzene	119	10.688	10.688	(1.838)	4181	1.00000	0.89(a)
106 n-Butylbenzene	91	10.706	10.706	(1.021)	7220	1.00000	0.90(a)
171 Indan	117	10.658	10.657	(1.833)	7894	1.00000	1.0
111 1,2-Dichlorobenzene	146	10.773	10.773	(1.027)	4271	1.00000	1.1
182 1,2,4,5-Tetramethylbenzene	119	11.242	11.241	(1.933)	7127	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	11.333	11.339	(1.081)	690	1.00000	1.2(M)
114 1,2,4-Trichlorobenzene	180	11.966	11.971	(1.141)	3207	1.00000	1.2
115 Hexachlorobutadiene	225	12.057	12.063	(1.150)	1345	1.00000	0.88(a)
116 Naphthalene	128	12.209	12.209	(1.164)	11793	1.00000	2.0
117 1,2,3-Trichlorobenzene	180	12.440	12.440	(1.186)	3186	1.00000	1.6
M 120 1,2-Dichloroethene (Total)	100				3350	2.00000	2.1
M 121 Xylene (Total)	100				9818	3.00000	3.1

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Operator:



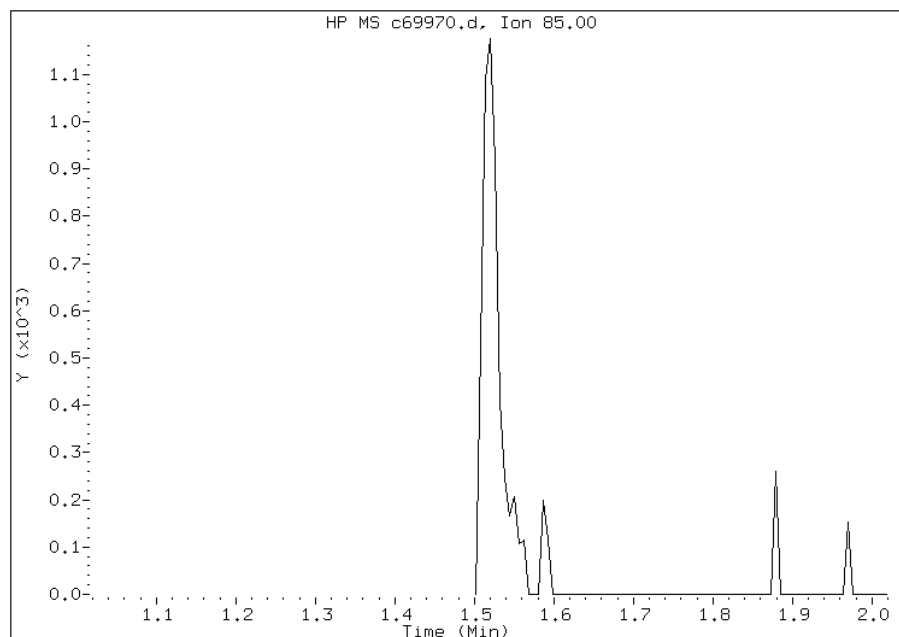
Manual Integration Report

Data File: c69970.d
Inj. Date and Time: 14-AUG-2012 15:41
Instrument ID: VOAMS3.i
Client ID:
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 08/15/2012

Processing Integration Results

Not Detected

Expected RT: 1.52



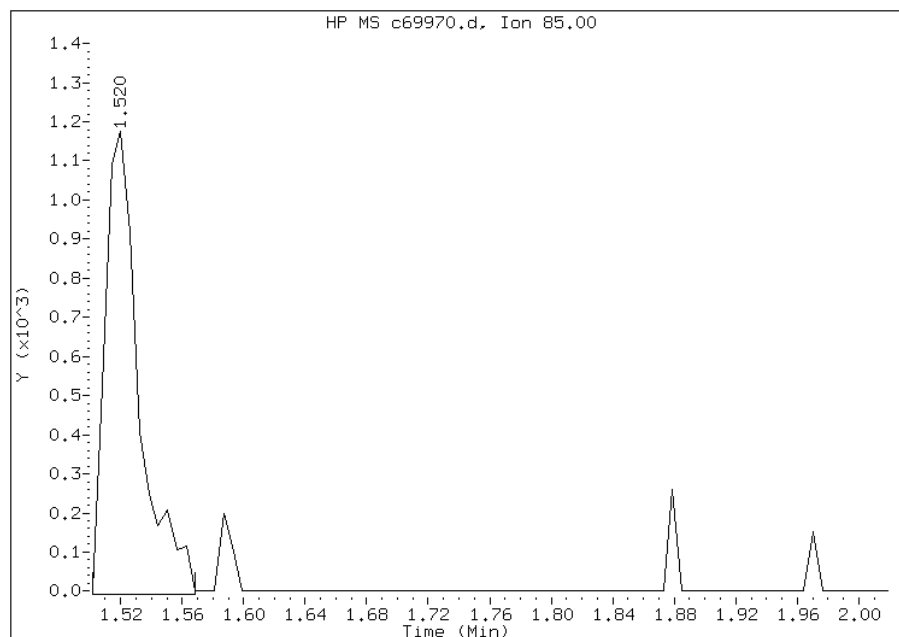
Manual Integration Results

RT: 1.52

Response: 1843

Amount: 1

Conc: 1



Manually Integrated By: vibha

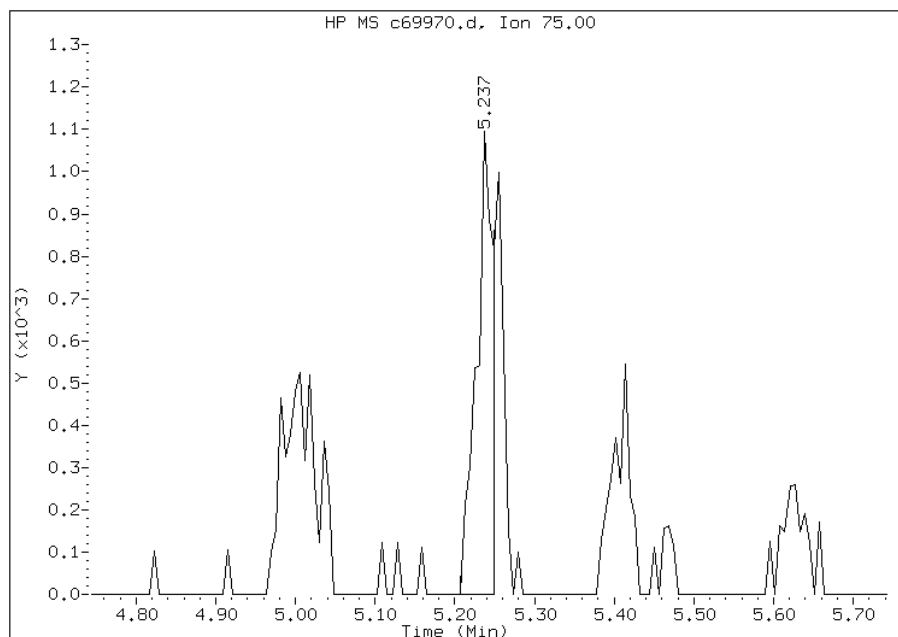
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: c69970.d
Inj. Date and Time: 14-AUG-2012 15:41
Instrument ID: VOAMS3.i
Client ID:
Compound: 46 1,1-Dichloropropene
CAS #: 563-58-6
Report Date: 08/15/2012

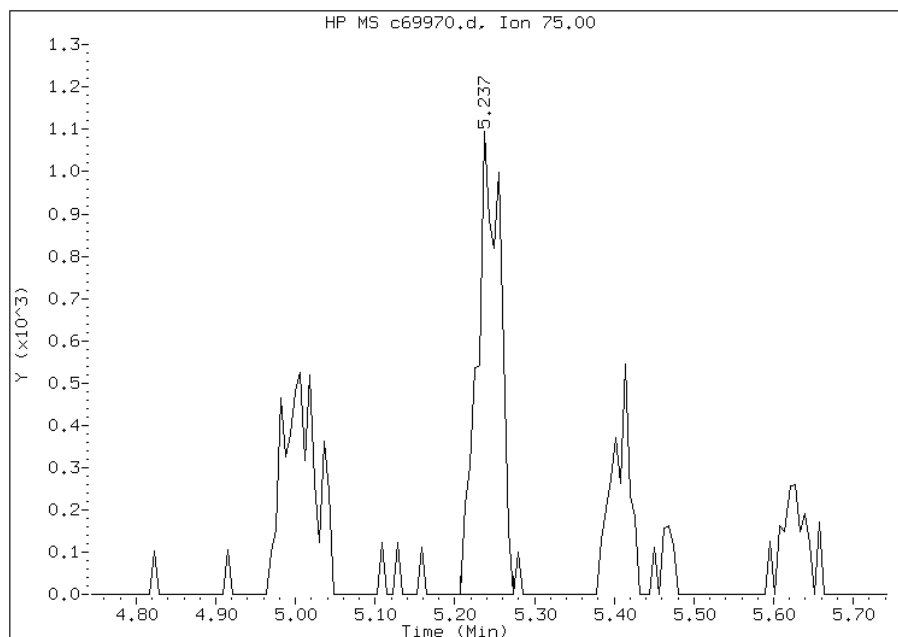
Processing Integration Results

RT: 5.24
Response: 1602
Amount: 1
Conc: 1



Manual Integration Results

RT: 5.24
Response: 2231
Amount: 1
Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: c69970.d
Inj. Date and Time: 14-AUG-2012 15:41
Instrument ID: VOAMS3.i
Client ID:
Compound: 112 1,2-Dibromo-3-chloropropane
CAS #: 96-12-8
Report Date: 08/15/2012

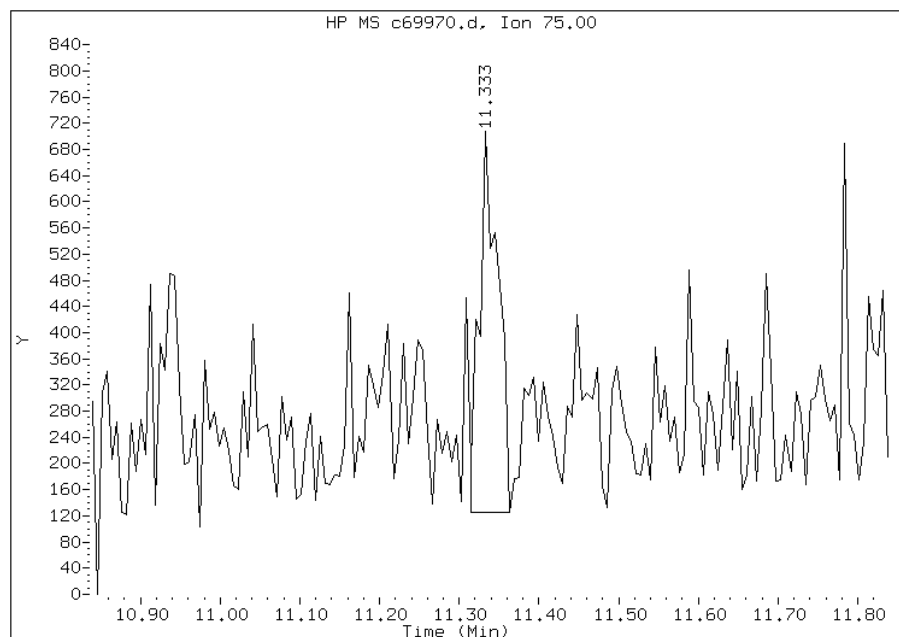
Processing Integration Results

RT: 11.33

Response: 973

Amount: 2

Conc: 2



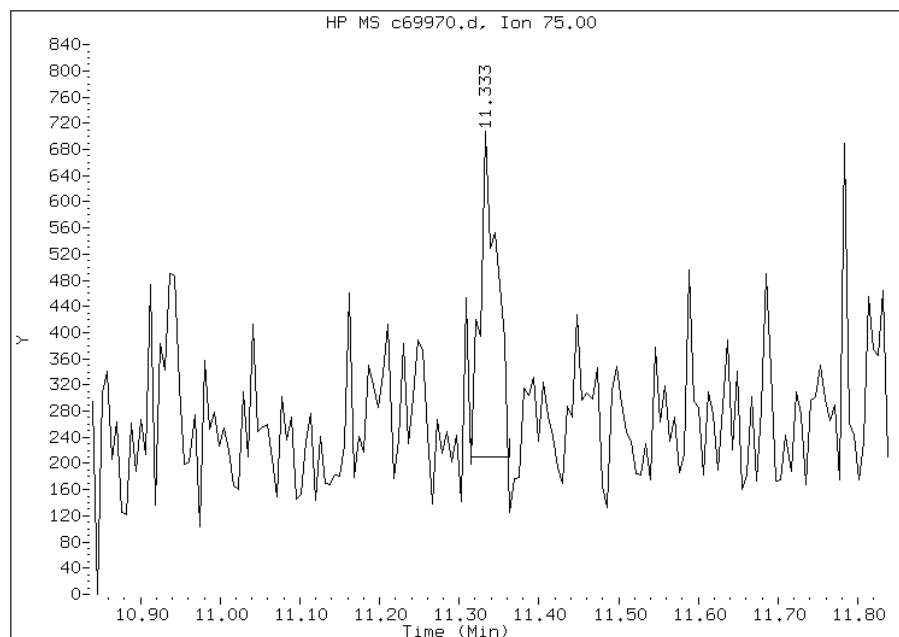
Manual Integration Results

RT: 11.33

Response: 690

Amount: 1

Conc: 1



Manually Integrated By: vibha

Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69971.d
 Report Date: 15-Aug-2012 11:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69971.d
 Lab Smp Id: IC-VCAL2
 Inj Date : 14-AUG-2012 16:08
 Operator : Inst ID: VOAMS3.i
 Smp Info : IC-VCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/8260_09.m
 Meth Date : 15-Aug-2012 11:26 vibha Quant Type: ISTD
 Cal Date : 14-AUG-2012 16:08 Cal File: c69971.d
 Als bottle: 20 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.520	1.520 (0.262)		8612	5.00000	5.2(M)
3 Chloromethane	50	1.721	1.727 (0.296)		13033	5.00000	5.5
4 Vinyl Chloride	62	1.794	1.794 (0.309)		11742	5.00000	5.6
6 Bromomethane	94	2.080	2.080 (0.358)		6040	5.00000	5.2
5 Chloroethane	64	2.177	2.165 (0.375)		6114	5.00000	5.3
180 Dichlorofluoromethane	67	2.372	2.372 (0.408)		14053	5.00000	4.8
7 Trichlorofluoromethane	101	2.378	2.372 (0.409)		13710	5.00000	5.3
8 n-Pentane	72	2.420	2.420 (0.417)		1055	10.0000	5.6
9 Ethanol	46	2.597	2.603 (0.447)		25948	2000.00	1600
10 Isoprene	67	2.658	2.658 (0.458)		7826	5.00000	4.4
11 Ethyl Ether	59	2.639	2.639 (0.454)		6530	5.00000	4.9
13 Acrolein	56	2.822	2.822 (0.486)		7396	20.0000	22
15 1,1-Dichloroethene	96	2.852	2.852 (0.491)		5961	5.00000	5.6
14 Freon TF	101	2.810	2.816 (0.484)		5141	5.00000	3.8
16 Acetone	43	2.956	2.962 (0.509)		14161	15.0000	19
17 Iodomethane	142	3.016	3.023 (0.519)		3777	5.00000	2.0

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69971.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	3.053	3.053	(0.526)	11531	5.00000	4.4
20 Allyl Chloride	76	3.205	3.205	(0.552)	3726	5.00000	5.0
21 Acetonitrile	39	3.272	3.278	(0.563)	5653	100.000	76
170 Cyclopentene	67	3.223	3.217	(0.555)	13610	5.00000	4.4
27 Methyl Acetate	43	3.217	3.223	(0.554)	11031	5.00000	4.8
22 Methylene Chloride	84	3.339	3.339	(0.575)	8888	5.00000	6.2
24 TBA	59	3.424	3.424	(0.589)	26788	100.000	100
25 trans-1,2-Dichloroethene	96	3.546	3.546	(0.610)	7861	5.00000	5.7
26 Acrylonitrile	53	3.637	3.637	(0.626)	8348	10.0000	9.7
28 MTBE	73	3.521	3.527	(0.606)	26540	5.00000	5.1
29 Hexane	56	3.722	3.722	(0.641)	2943	5.00000	3.9
30 1,1-Dichloroethane	63	3.996	3.990	(0.688)	16296	5.00000	5.5
31 Vinyl Acetate	43	4.014	4.020	(0.691)	32485	10.0000	9.0
32 DIPE	45	3.966	3.965	(0.683)	30920	5.00000	5.1
33 Allyl Alcohol	57	4.032	4.045	(0.694)	106400	2000.00	1700
34 n-Propanol	60	4.087	4.099	(0.704)	19727	2000.00	1700
35 t-Butyl-ethyl-ether	59	4.324	4.324	(0.744)	28163	5.00000	5.0
37 2,2-Dichloropropane	77	4.550	4.556	(0.783)	15106	5.00000	5.7
36 cis-1,2-Dichloroethene	96	4.580	4.580	(0.788)	8964	5.00000	5.1
38 2-Butanone	72	4.610	4.610	(0.794)	4497	15.0000	14
39 Ethyl Acetate	70	4.629	4.616	(0.797)	2462	10.0000	10
40 Bromochloromethane	128	4.842	4.842	(0.833)	4859	5.00000	5.3
41 Tetrahydrofuran	42	4.848	4.842	(0.835)	6052	5.00000	6.1
42 Chloroform	83	4.902	4.908	(0.844)	16726	5.00000	5.6
43 1,1,1-Trichloroethane	97	5.067	5.067	(0.872)	13862	5.00000	5.5
44 Cyclohexane	56	5.054	5.048	(0.870)	9207	5.00000	3.8
45 Carbon Tetrachloride	117	5.207	5.200	(0.896)	11059	5.00000	5.3
46 1,1-Dichloropropene	75	5.243	5.243	(0.903)	12814	5.00000	5.5
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.492	5.492	(0.946)	185160	50.0000	50
48 Benzene	78	5.474	5.474	(0.628)	38339	5.00000	5.8
173 Propionitrile	54	4.756	4.762	(0.819)	3816	10.0000	10
49 1,2-Dichloroethane	62	5.584	5.584	(0.961)	13716	5.00000	5.4
181 Isobutyl Alcohol	43	5.401	5.407	(0.930)	249122	2000.00	1800
174 Methacrylonitrile	67	4.878	4.884	(0.840)	9934	5.00000	5.0
51 n-Heptane	57	5.657	5.663	(0.974)	3480	5.00000	3.5(a)
50 t-Amyl-methyl-ether	73	5.559	5.559	(0.957)	25539	5.00000	4.9
61 Isopropyl Acetate	43	5.553	5.559	(0.956)	54631	10.0000	9.9
* 52 Fluorobenzene	96	5.809	5.815	(1.000)	647234	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	6.064	6.070	(1.044)	3848	10.0000	7.7
54 Trichloroethene	95	6.216	6.216	(1.070)	9109	5.00000	5.4
53 n-Butanol	41	6.180	6.186	(1.064)	53569	1000.00	820
56 Methyl cyclohexane	83	6.350	6.350	(1.093)	8722	5.00000	3.6
55 Ethyl Acrylate	55	6.362	6.362	(1.095)	21694	5.00000	4.5
57 1,2-Dichloropropane	63	6.521	6.521	(1.123)	10029	5.00000	5.4
58 Dibromomethane	93	6.648	6.648	(1.145)	6027	5.00000	5.2
60 1,4-Dioxane	88	6.642	6.642	(1.143)	3656	100.000	89
59 Methyl Methacrylate	100	6.612	6.612	(1.138)	3076	5.00000	4.8

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69971.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	6.673	6.667	(1.149)	17244	10.0000	9.4
68 Bromodichloromethane	83	6.800	6.800	(1.171)	13523	5.00000	5.7
62 2-Chloroethyl Vinyl Ether	63	7.111	7.111	(1.224)	5130	5.00000	4.5
63 Epichlorohydrin	57	7.202	7.202	(0.826)	22611	100.000	91
67 cis-1,3-Dichloropropene	75	7.251	7.251	(0.831)	16319	5.00000	5.6
70 4-Methyl-2-Pentanone	43	7.391	7.391	(0.847)	35197	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	7.451	7.457	(0.854)	536871	50.0000	50
66 Toluene	91	7.512	7.518	(0.861)	42118	5.00000	5.7
64 trans-1,3-Dichloropropene	75	7.786	7.786	(0.893)	16061	5.00000	5.5
69 1,1,2-Trichloroethane	83	7.944	7.944	(0.911)	7829	5.00000	5.4
71 Tetrachloroethene	166	7.981	7.981	(0.915)	10835	5.00000	5.7
175 Ethyl methacrylate	69	7.810	7.810	(1.345)	12591	5.00000	4.6
72 1,3-Dichloropropane	76	8.102	8.096	(0.929)	16470	5.00000	5.4
73 2-Hexanone	43	8.139	8.139	(0.933)	25452	15.0000	14
74 Dibromochloromethane	129	8.261	8.260	(0.947)	9861	5.00000	5.4
76 Butyl Acetate	73	8.218	8.218	(0.942)	5654	10.0000	9.4
77 1,2-Dibromoethane	107	8.370	8.370	(0.960)	9709	5.00000	5.2
* 78 Chlorobenzene-d5	117	8.723	8.729	(1.000)	513690	50.0000	
79 Chlorobenzene	112	8.747	8.747	(1.003)	27923	5.00000	5.7
80 1,1,1,2-Tetrachloroethane	131	8.820	8.820	(1.011)	10143	5.00000	5.6
81 Ethylbenzene	106	8.808	8.808	(1.010)	13778	5.00000	5.4
82 m+p-Xylene	106	8.905	8.905	(1.021)	36358	10.0000	11
84 o-Xylene	106	9.222	9.222	(1.057)	17318	5.00000	5.4
85 Styrene	104	9.240	9.240	(1.059)	29609	5.00000	5.4
83 Butyl Acrylate	73	9.185	9.185	(1.053)	7089	5.00000	4.7
86 Bromoform	173	9.410	9.410	(1.079)	7355	5.00000	5.2
87 Amyl Acetate	43	9.356	9.356	(0.892)	11520	5.00000	4.7
88 Isopropylbenzene	105	9.489	9.489	(1.088)	45124	5.00000	5.6
\$ 89 Bromofluorobenzene (SUR)	174	9.648	9.648	(0.920)	229378	50.0000	51
90 Camphene (total)	41	9.666	9.666	(1.108)	3020	5.00000	4.1
91 Bromobenzene	156	9.757	9.757	(0.930)	13072	5.00000	5.7
92 1,1,2,2-Tetrachloroethane	83	9.769	9.769	(0.932)	13475	5.00000	5.3
93 1,2,3-Trichloropropane	110	9.812	9.812	(0.936)	4463	5.00000	5.4
94 trans-1,4-Dichloro-2-butene	53	9.812	9.818	(0.936)	4444	5.00000	5.0
95 n-Propylbenzene	91	9.794	9.794	(0.934)	56243	5.00000	5.8
96 2-Chlorotoluene	91	9.885	9.885	(0.943)	36537	5.00000	5.6
97 1,3,5-Trimethylbenzene	105	9.927	9.927	(0.947)	38065	5.00000	5.7
98 4-Chlorotoluene	91	9.970	9.970	(0.951)	35104	5.00000	5.8
99 Butyl Methacrylate	87	9.982	9.982	(0.952)	11462	5.00000	4.6
184 4-Ethyltoluene	105	9.927	9.927	(1.709)	38065	5.00000	5.5
100 tert-Butylbenzene	119	10.159	10.159	(0.969)	33819	5.00000	5.7
101 1,2,4-Trimethylbenzene	105	10.201	10.201	(0.973)	40134	5.00000	5.8
103 sec-Butylbenzene	105	10.317	10.317	(0.984)	50120	5.00000	5.8
105 1,3-Dichlorobenzene	146	10.438	10.432	(0.995)	23613	5.00000	5.7
107 p-Isopropyltoluene	119	10.414	10.414	(0.993)	42073	5.00000	5.8
* 108 1,4-Dichlorobenzene-d4	152	10.487	10.487	(1.000)	274475	50.0000	
109 1,4-Dichlorobenzene	146	10.499	10.505	(1.001)	24700	5.00000	5.7

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69971.d
 Report Date: 15-Aug-2012 11:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
110 Benzyl Chloride	91	10.603	10.603	(1.011)	24060	5.00000	4.8
183 1,4-Diethylbenzene	119	10.688	10.688	(1.840)	21934	5.00000	4.6
106 n-Butylbenzene	91	10.706	10.706	(1.021)	47255	5.00000	5.7
171 Indan	117	10.657	10.657	(1.835)	37282	5.00000	4.9
111 1,2-Dichlorobenzene	146	10.773	10.773	(1.027)	21914	5.00000	5.4
182 1,2,4,5-Tetramethylbenzene	119	11.241	11.241	(1.935)	32731	5.00000	4.8
112 1,2-Dibromo-3-chloropropane	75	11.339	11.339	(1.081)	3508	5.00000	5.7
114 1,2,4-Trichlorobenzene	180	11.978	11.971	(1.142)	15387	5.00000	5.6
115 Hexachlorobutadiene	225	12.063	12.063	(1.150)	9696	5.00000	6.1
116 Naphthalene	128	12.215	12.209	(1.165)	36303	5.00000	5.8
117 1,2,3-Trichlorobenzene	180	12.434	12.440	(1.186)	13011	5.00000	6.1
M 120 1,2-Dichloroethene (Total)	100				16825	10.0000	11
M 121 Xylene (Total)	100				53676	15.0000	16

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: c69971.d

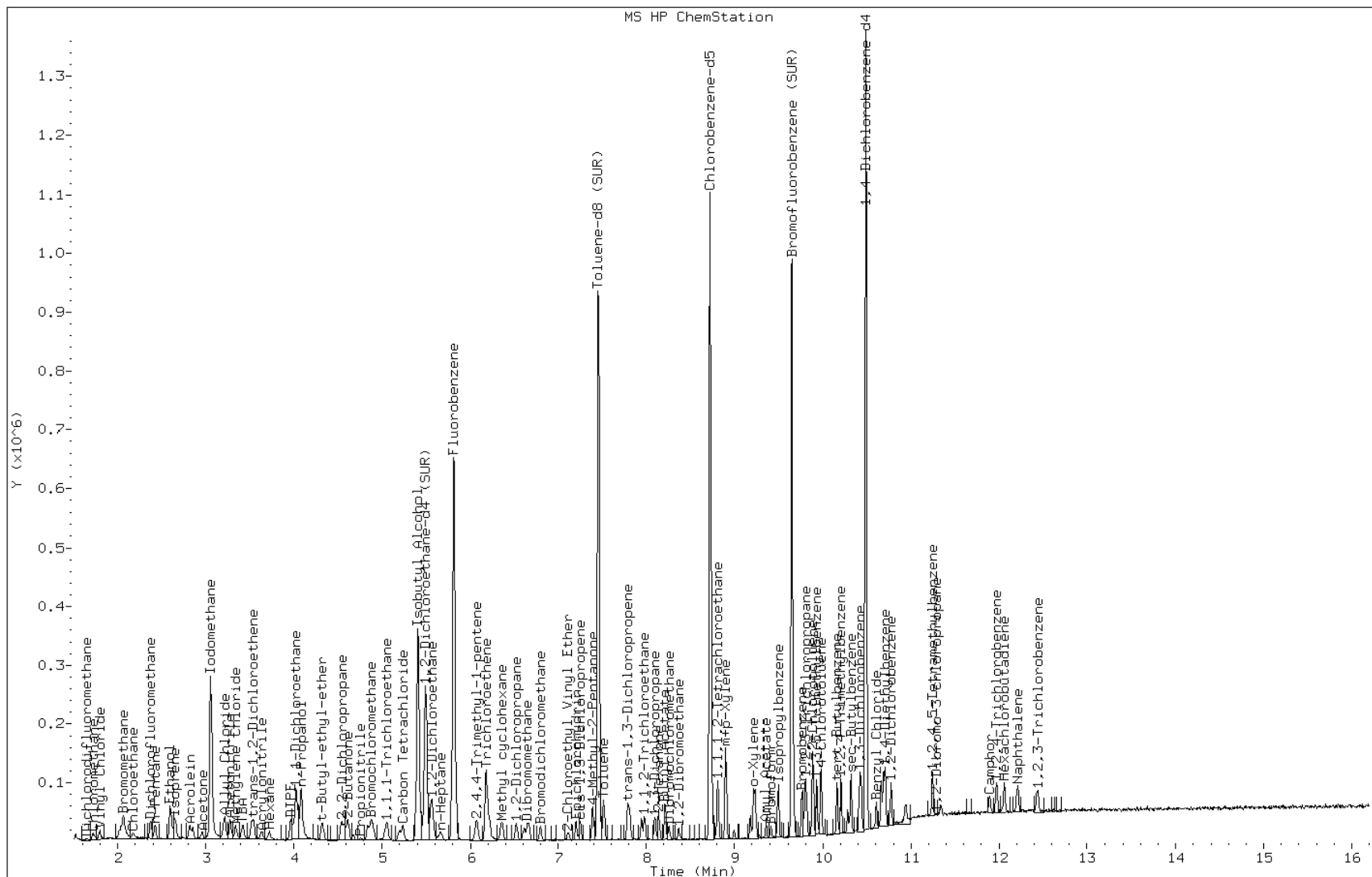
Date: 14-AUG-2012 16:08

Client ID:

Instrument: VOAMS3.i

Sample Info: IC-VCAL2

Operator:



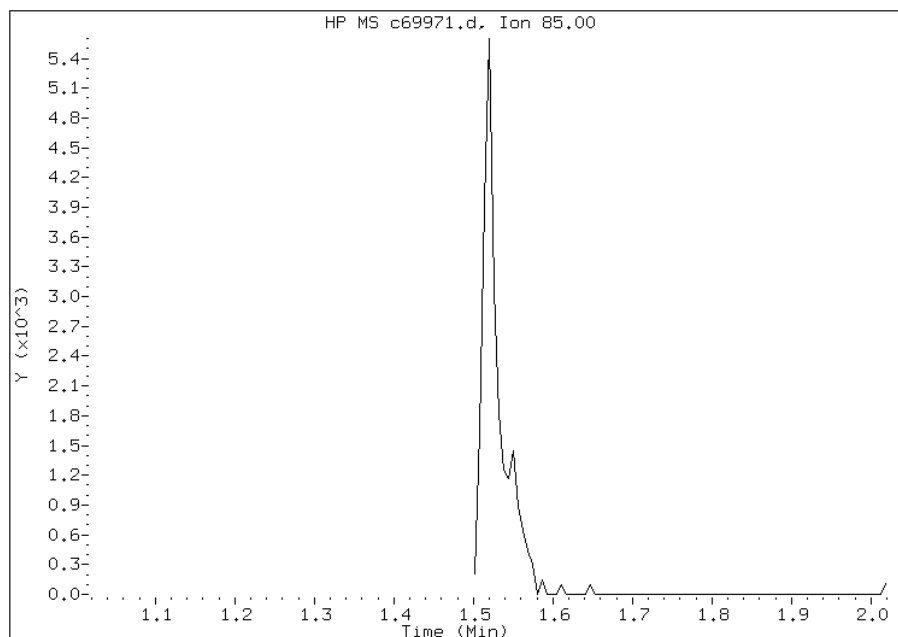
Manual Integration Report

Data File: c69971.d
Inj. Date and Time: 14-AUG-2012 16:08
Instrument ID: VOAMS3.i
Client ID:
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 08/15/2012

Processing Integration Results

Not Detected

Expected RT: 1.52



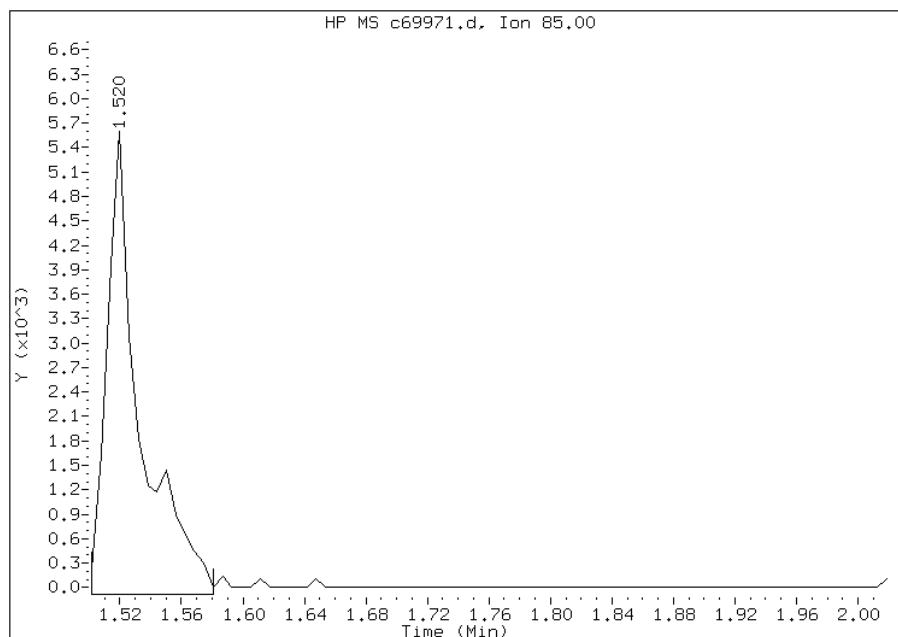
Manual Integration Results

RT: 1.52

Response: 8612

Amount: 5

Conc: 5



Manually Integrated By: vibha

Manual Integration Reason: Analyte not Identified by the Data System

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-125812/7	k03888.d
Level 2	IC 460-125812/6	k03887.d
Level 3	ICIS 460-125812/2	k03874.d
Level 4	IC 460-125812/3	k03880.d
Level 5	IC 460-125812/4	k03881.d
Level 6	IC 460-125812/5	k03882.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3902 0.3348	0.3612	0.5199	0.4586	0.3555	LinF		0.3396							0.9971		0.9900
Chloromethane	0.5956 0.3825	0.4826	0.5379	0.4653	0.4026	LinF		0.3865							0.9986		0.9900
Vinyl chloride	0.4989 0.4260	0.4902	0.5827	0.5060	0.4452	Ave		0.4915				11.1		30.0			
Bromomethane	0.2892 0.1921	0.2318	0.2904	0.2376	0.2131	LinF		0.1959							0.9968		0.9900
Chloroethane	0.2026 0.1599	0.1808	0.2414	0.1947	0.1793	Ave		0.1931				14.4		15.0			
Dichlorofluoromethane	0.8012 0.6119	0.6648	0.7950	0.7291	0.6495	Ave		0.7086				11.2		15.0			
Trichlorofluoromethane	0.6951 0.5095	0.5373	0.6704	0.5977	0.5441	Ave		0.5923				12.8		15.0			
n-Pentane	0.0532 0.0539	0.0491	0.0756	0.0664	0.0573	LinF		0.0546							0.9984		0.9900
Ethanol	0.0015 0.0013	0.0015	0.0015	0.0012	0.0014	Ave		0.0014				9.7		15.0			
Ethyl ether	0.2120 0.1836	0.2369	0.2211	0.2062	0.1942	Ave		0.2090				9.1		15.0			
Isopropene	0.4395 0.4420	0.4045	0.5517	0.5008	0.4493	Ave		0.4646				11.3		15.0			
Acrolein	0.0377 0.0348	0.0458	0.0424	0.0349	0.0417	Ave		0.0396				11.2		15.0			
Freon TF	0.3670 0.3699	0.3308	0.4536	0.4246	0.3783	Ave		0.3874				11.4		15.0			
1,1-Dichloroethene	0.2876 0.2581	0.2745	0.3387	0.2894	0.2598	Ave		0.2847				10.4		30.0			
Acetone	0.1176 0.0558	0.1180	0.1548	0.0753	0.0713	QuaF		12.140	5.1700						0.9995		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.6664 0.5734	0.6252	0.6883	0.6555	0.5814	Ave		0.6317				7.4		15.0			
Carbon disulfide	1.2200 1.1265	1.1757	1.4367	1.3278	1.1366	Ave		1.2372				9.9		15.0			
Methyl acetate	0.0567 0.0479	0.0568	0.0543	0.0462	0.0535	Ave		0.0526				8.6		15.0			
Acetonitrile	0.0321 0.0272	0.0372	0.0343	0.0290	0.0327	Ave		0.0321				11.2		15.0			
Methylene Chloride	0.4650 0.3009	0.3840	0.3805	0.3346	0.3109	LinF		0.3028							0.9995		0.9900
TBA	0.0348 0.0299	0.0350	0.0340	0.0283	0.0346	Ave		0.0327				8.9		15.0			
MTBE	0.8865 0.7646	0.8636	0.8594	0.7974	0.7961	Ave		0.8279				5.8		15.0			
trans-1,2-Dichloroethene	0.3614 0.3082	0.3296	0.3889	0.3453	0.3089	Ave		0.3404				9.3		15.0			
Acrylonitrile	0.0847 0.0763	0.1004	0.0937	0.0797	0.0941	Ave		0.0881				10.6		15.0			
Hexane	0.2270 0.2368	0.1887	0.2956	0.2719	0.2428	LinF		0.2381							0.9995		0.9900
DIPE	1.0470 0.8726	0.9453	0.9829	0.9501	0.8821	Ave		0.9467				6.9		15.0			
1,1-Dichloroethane	0.5777 0.5274	0.5812	0.6335	0.5658	0.5301	Ave		0.5693			0.1000	6.9		15.0			
Vinyl acetate	0.5298 0.4128	0.4959	0.5251	0.4590	0.4816	Ave		0.4840				9.1		15.0			
Tert-butyl ethyl ether	1.0102 0.8558	0.9635	0.9573	0.9100	0.8662	Ave		0.9272				6.5		15.0			
2,2-Dichloropropane	0.5521 0.5045	0.4871	0.5769	0.5151	0.5029	Ave		0.5231				6.5		15.0			
cis-1,2-Dichloroethene	0.3911 0.3482	0.3758	0.4128	0.3681	0.3488	Ave		0.3741				6.7		15.0			
Methyl Ethyl Ketone	0.0278 0.0273	0.0325	0.0310	0.0308	0.0343	LinF		0.0276							0.9967		0.9900
Ethyl acetate	0.0286 0.0260	0.0327	0.0282	0.0247	0.0280	Ave		0.0280				9.8		15.0			
Bromochloromethane	0.1782 0.1547	0.1787	0.1828	0.1629	0.1604	Ave		0.1696				6.9		15.0			
Tetrahydrofuran	0.1779 0.0670	0.1293	0.0968	0.0717	0.0779	LinF		0.0688							0.9950		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chloroform	0.5522 0.5337	0.5686	0.6209	0.5575	0.5377	Ave		0.5618				5.6		30.0			
Cyclohexane	0.5292 0.5987	0.5085	0.7110	0.6619	0.6047	Ave		0.6023				12.8		15.0			
1,1,1-Trichloroethane	0.4971 0.4985	0.4738	0.5841	0.5203	0.4973	Ave		0.5118				7.5		15.0			
Carbon tetrachloride	0.4148 0.4207	0.3862	0.4647	0.4207	0.4070	Ave		0.4190				6.2		15.0			
1,1-Dichloropropene	0.4794 0.4545	0.4313	0.5295	0.4799	0.4456	Ave		0.4700				7.4		15.0			
Benzene	1.3901 1.2666	1.3476	1.4818	1.3176	1.2517	Ave		1.3425				6.3		15.0			
Isopropyl acetate	0.6569 0.5063	0.6367	0.5802	0.5232	0.5524	Ave		0.5760				10.5		15.0			
Tert-amyl methyl ether	0.8004 0.8097	0.8871	0.8829	0.8460	0.8213	Ave		0.8412				4.4		15.0			
1,2-Dichloroethane	0.3772 0.3235	0.3625	0.3667	0.3261	0.3294	Ave		0.3476				6.9		15.0			
2,4,4-Trimethyl-1-pentene	0.0938 0.1256	0.0823	0.1295	0.1282	0.1230	LinF		0.1253							0.9999		0.9900
n-Butanol	0.0034 0.0045	0.0042	0.0040	0.0033	0.0044	Ave		0.0040				12.6		15.0			
Trichloroethene	0.3302 0.3309	0.3191	0.3720	0.3327	0.3188	Ave		0.3339				5.9		15.0			
Ethyl acrylate	0.0123 0.0130	0.0163	0.0166	0.0141	0.0144	Ave		0.0144				11.8		15.0			
Methylcyclohexane	0.5531 0.6655	0.5188	0.7703	0.7420	0.6790	LinF		0.6683							0.9997		0.9900
1,2-Dichloropropane	0.3144 0.2923	0.3059	0.3236	0.2929	0.2899	Ave		0.3032				4.5		30.0			
Methyl methacrylate	0.1668 0.1550	0.1684	0.1611	0.1467	0.1639	Ave		0.1603				5.1		15.0			
1,4-Dioxane	0.0032 0.0029	0.0033	0.0034	0.0034	0.0043	Ave		0.0034				14.0		15.0			
Propyl acetate	0.2105 0.1401	0.1559	0.1490	0.1310	0.1491	LinF		0.1413							0.9992		0.9900
Dibromomethane	0.1929 0.1628	0.1797	0.1839	0.1611	0.1692	Ave		0.1749				7.2		15.0			
Bromodichloromethane	0.3550 0.3808	0.3732	0.3847	0.3518	0.3712	Ave		0.3694				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloroethyl vinyl ether	0.1537 0.1428	0.1363	0.1415	0.1295	0.1471	Ave		0.1418				5.9		15.0			
Epichlorohydrin	0.0239 0.0217	0.0242	0.0238	0.0209	0.0248	Ave		0.0232				6.8		15.0			
cis-1,3-Dichloropropene	0.4585 0.4618	0.4497	0.4773	0.4311	0.4475	Ave		0.4543				3.4		15.0			
methyl isobutyl ketone	0.1906 0.2034	0.2281	0.2217	0.1929	0.2317	Ave		0.2114				8.6		15.0			
Toluene	2.3545 1.9269	2.0562	2.2169	1.9785	1.8621	Ave		2.0659				9.0		30.0			
trans-1,3-Dichloropropene	0.5220 0.5263	0.5187	0.5366	0.4830	0.5140	Ave		0.5168				3.5		15.0			
1,1,2-Trichloroethane	0.3178 0.2811	0.2904	0.3069	0.2667	0.2830	Ave		0.2910				6.4		15.0			
Tetrachloroethene	0.5118 0.5165	0.4798	0.5956	0.5357	0.4916	Ave		0.5218				7.9		15.0			
1,3-Dichloropropane	0.5450 0.5142	0.5308	0.5686	0.4984	0.5190	Ave		0.5294				4.7		15.0			
2-Hexanone	0.1764 0.1876	0.2037	0.1849	0.1650	0.2071	Ave		0.1874				8.5		15.0			
Butyl acetate	0.6712 0.4342	0.5135	0.4946	0.4219	0.4576	LinF		0.4375							0.9994		0.9900
Dibromochloromethane	0.3684 0.3907	0.3508	0.3798	0.3379	0.3731	Ave		0.3668				5.3		15.0			
1,2-Dibromoethane	0.3601 0.3199	0.3545	0.3552	0.3092	0.3260	Ave		0.3375				6.4		15.0			
Chlorobenzene	1.2798 1.2131	1.2151	1.3322	1.1997	1.1639	Ave		1.2340			0.3000	4.9		15.0			
Ethylbenzene	0.7068 0.6912	0.6404	0.7701	0.6886	0.6625	Ave		0.6933				6.4		30.0			
1,1,1,2-Tetrachloroethane	0.4404 0.4618	0.4247	0.4585	0.4281	0.4418	Ave		0.4426				3.4		15.0			
m&p-Xylene	0.8418 0.8517	0.7851	0.9385	0.8733	0.8281	Ave		0.8531				6.0		15.0			
Butyl acrylate	1.1728 1.1225	1.0685	1.1901	1.0731	1.1409	Ave		1.1280				4.5		15.0			
o-Xylene	0.8555 0.8755	0.8120	0.9536	0.8887	0.8500	Ave		0.8725				5.5		15.0			
Styrene	1.3978 1.3764	1.2830	1.4613	1.3591	1.3299	Ave		1.3679				4.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Amly acetate	0.3137 0.2962	0.3136	0.2903	0.2865	0.3003	Ave		0.3001				3.8		15.0			
Bromoform	0.2217 0.2549	0.2240	0.2342	0.2083	0.2477	Ave		0.2318			0.1000	7.5		15.0			
Isopropylbenzene	2.0743 2.3137	2.0800	2.5493	2.3952	2.3207	Ave		2.2889				8.1		15.0			
Camphene, Total	0.3221 0.3230	0.2520	0.3275	0.3288	0.3140	Ave		0.3112				9.5		15.0			
Monobromobenzene	1.1610 0.9773	1.0404	1.1150	0.9641	0.9595	Ave		1.0362				8.2		15.0			
1,1,2,2-Tetrachloroethane	0.8300 0.7981	0.9077	0.9248	0.7509	0.8554	Ave		0.8445			0.3000	7.8		15.0			
N-Propylbenzene	4.6609 4.3732	4.6436	5.6783	5.1453	4.9194	Ave		4.9035				9.4		15.0			
1,2,3-Trichloropropane	0.2447 0.1999	0.2336	0.2287	0.1921	0.2190	Ave		0.2197				9.2		15.0			
trans-1,4-Dichloro-2-butene	0.0942 0.0694	0.0702	0.0746	0.0688	0.0741	Ave		0.0752				12.8		15.0			
2-Chlorotoluene	3.3880 3.1998	3.1410	3.6617	3.3256	3.1911	Ave		3.3179				5.8		15.0			
p-Ethyltoluene	1.6061 1.4615	1.4669	1.6929	1.7190	1.5535	Ave		1.5833				6.9		15.0			
1,3,5-Trimethylbenzene	3.3070 3.5243	3.2304	3.9046	3.6110	3.5395	Ave		3.5195				6.8		15.0			
4-Chlorotoluene	2.9505 2.8027	2.7919	3.1258	2.7737	2.7193	Ave		2.8606				5.3		15.0			
Butyl Methacrylate	0.9306 1.1466	0.9630	1.0591	1.1024	1.1253	Ave		1.0545				8.4		15.0			
tert-Butylbenzene	2.5319 3.0978	2.3710	3.1626	2.9923	3.0238	Ave		2.8632				11.5		15.0			
1,2,4-Trimethylbenzene	3.3824 3.4318	3.3519	3.9269	3.6203	3.5150	Ave		3.5380				6.0		15.0			
sec-Butylbenzene	4.2113 4.1275	4.1255	5.4266	4.9935	4.8831	Ave		4.6279				11.9		15.0			
p-Isopropyltoluene	3.6757 3.6724	3.6056	4.3655	4.1290	4.0318	Ave		3.9133				7.9		15.0			
1,3-Dichlorobenzene	2.3218 1.8894	2.0299	2.1338	1.9474	1.8718	Ave		2.0324				8.5		15.0			
1,4-Dichlorobenzene	2.4522 1.8938	2.0159	2.0864	1.8947	1.8387	Ave		2.0303				11.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	1.6689 1.6298	1.5026	1.5416	1.5014	1.6402	Ave		1.5808				4.7		15.0			
1,4-Diethylbenzene	0.9229 0.9258	0.8827	0.9865	1.0397	0.9440	Ave		0.9502				5.8		15.0			
n-Butylbenzene	4.6263 4.0387	4.2738	5.1341	4.8410	4.5090	Ave		4.5705				8.6		15.0			
1,2-Dichlorobenzene	2.2179 1.8334	1.9949	2.0309	1.8545	1.8104	Ave		1.9570				8.0		15.0			
1,2,4,5-Tetramethylbenzene	1.5166 1.2725	1.2676	1.3791	1.5107	1.4250	Ave		1.3952				7.9		15.0			
1,2-Dibromo-3-Chloropropane	0.2013 0.1440	0.1728	0.1652	0.1327	0.1574	Ave		0.1623				14.8		15.0			
Camphor	0.0961 0.0846	0.0893	0.0799	0.0755	0.0888	Ave		0.0857				8.6		15.0			
1,2,4-Trichlorobenzene	2.1835 1.4666	1.6285	1.5659	1.5531	1.4916	LinF		1.4710							0.9999		0.9900
Hexachlorobutadiene	0.9045 0.8027	0.7616	0.8696	0.8737	0.8158	Ave		0.8380				6.4		15.0			
Naphthalene	4.3487 2.9466	3.3329	3.3594	2.9582	3.2156	LinF		2.9869							0.9985		0.9900
1,2,3-Trichlorobenzene	2.0013 1.3249	1.5433	1.4819	1.4228	1.3971	LinF		1.3364							0.9994		0.9900
1,2-Dichloroethane-d4 (Surr)	0.2343 0.2240	0.2439	0.2311	0.2251	0.2382	Ave		0.2328				3.3		15.0			
Toluene-d8 (Surr)	1.3144 1.3247	1.3381	1.3064	1.3129	1.2905	Ave		1.3145				1.2		15.0			
4-Bromofluorobenzene	0.9043 0.8945	0.9182	0.9231	0.8931	0.8932	Ave		0.9044				1.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-125812/7	k03888.d
Level 2	IC 460-125812/6	k03887.d
Level 3	ICIS 460-125812/2	k03874.d
Level 4	IC 460-125812/3	k03880.d
Level 5	IC 460-125812/4	k03881.d
Level 6	IC 460-125812/5	k03882.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	LinF	4607 2549652	21757	125703	298844	860177	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	LinF	7032 2912424	29069	130071	303225	974287	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5891 3243962	29524	140893	329682	1077338	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	3415 1463113	13960	70208	154803	515729	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2392 1217560	10892	58378	126844	433861	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	9460 4659310	40041	192240	475109	1571711	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	8207 3879689	32364	162109	389441	1316534	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	LinF	1257 821588	5911	36570	86554	277242	2.00 1000	10.0	40.0	100	400
Ethanol	FB	Ave	18054 121285	36367	53985	61213	85734	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	2503 1398137	14272	53451	134329	469928	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	5189 3365868	24367	133403	326315	1087328	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	44518 318418	110317	153784	182172	252118	100 600	200	300	400	500
Freon TF	FB	Ave	4333 2816620	19927	109669	276679	915420	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3396 1965017	16537	81900	188585	628625	1.00 500	5.00	20.0	50.0	200
Acetone	FB	QuaF	13890 850399	21317	37437	49048	172615	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	7869 4366292	37659	166427	427145	1406998	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	14405 8577474	70818	347387	865173	2750447	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	669 364609	3424	13141	30092	129536	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	7578 4144446	44822	165995	378221	1583149	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	LinF	5490 2291419	23130	92004	218040	752430	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	8211 4552290	42180	164227	368241	1673543	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	10467 5821984	52015	207804	519583	1926538	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4267 2347028	19854	94033	225017	747429	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	49987 348735	121006	169931	207653	284488	50.0 300	100	150	200	250
Hexane	FB	LinF	2680 1803008	11368	71466	177156	587487	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	12362 6644813	56942	237653	619124	2134643	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6821 4016155	35008	153177	368698	1282674	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	12510 6286599	59741	253945	598133	2330783	2.00 1000	10.0	40.0	100	400
Tert-butyl ethyl ether	FB	Ave	11928 6516181	58033	231467	592990	2095997	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	6519 3841380	29341	139502	335672	1216853	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4618 2651099	22638	99812	239888	844106	1.00 500	5.00	20.0	50.0	200
Methyl Ethyl Ketone	FB	LinF	3283 415193	5872	7507	20074	82935	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	676 396002	3940	13638	32167	135455	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	2104 1177640	10764	44202	106126	388073	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	LinF	2100 510420	7788	23409	46729	188516	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6520 4063543	34251	150132	363239	1301259	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6249 4558512	30629	171922	431319	1463365	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1-Trichloroethane	FB	Ave	5869 3795609	28538	141239	339037	1203477	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4898 3203418	23264	112371	274116	984988	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5660 3460608	25977	128043	312711	1078382	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	16413 9644251	81169	358293	858545	3028983	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	15512 7710857	76699	280591	681845	2673551	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	9451 6165444	53431	213492	551264	1987455	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4454 2463631	21832	88673	212516	796989	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	LinF	2214 1912621	9911	62631	167007	595255	2.00 1000	10.0	40.0	100	400
n-Butanol	FB	Ave	20141 204498	50468	72403	86303	133808	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	3899 2519372	19221	89943	216792	771398	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	145 99337	979	4009	9159	34916	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	6531 5067650	31248	186252	483517	1643133	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3712 2225919	18425	78247	190864	701404	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1970 1180512	10142	38953	95559	396528	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	1907 219003	3990	6182	8784	13043	50.0 5000	100	150	200	250
Propyl acetate	FB	LinF	4971 2133431	18782	72039	170692	721623	2.00 1000	10.0	40.0	100	400
Dibromomethane	FB	Ave	2278 1239945	10822	44457	104980	409338	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4192 2899598	22477	93031	229231	898138	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1815 1087303	8211	34203	84406	355844	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	5649 3300176	29213	115336	272157	1201680	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	5414 3516731	27090	115407	280924	1082907	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
methyl isobutyl ketone	FB	Ave	22506 3096913	41216	53613	125678	560784	10.0 1000	15.0	20.0	50.0	200
Toluene	CBZ	Ave	19838 10343168	88344	378548	911050	3234926	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4398 2825232	22285	91622	222432	893008	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2678 1508991	12475	52401	122794	491641	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	4312 2772356	20615	101709	246667	853974	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4592 2760295	22807	97098	229505	901602	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	14861 2013974	26259	31564	75994	359771	10.0 1000	15.0	20.0	50.0	200
Butyl acetate	CBZ	LinF	11310 4661345	44124	168915	388544	1590008	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	3104 2097165	15071	64856	155610	648179	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3034 1716922	15229	60658	142399	566266	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	10783 6511420	52207	227477	552433	2022045	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5955 3710395	27514	131498	317064	1150883	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3711 2478552	18247	78296	197142	767458	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	14186 9143516	67460	320505	804295	2877187	2.00 1000	10.0	40.0	100	400
Butyl acrylate	DCB	Ave	5477 3290037	25153	107502	271482	1076616	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	7208 4699368	34886	162835	409241	1476621	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11777 7388332	55125	249515	625847	2310364	1.00 500	5.00	20.0	50.0	200
Amly acetate	CBZ	Ave	2643 1589931	13472	49565	131933	521736	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1868 1368332	9625	39988	95931	430297	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	17477 12419195	89367	435301	1102952	4031615	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	Ave	1504 946610	5933	29583	83193	296312	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monobromobenzene	DCB	Ave	5422 2864408	24492	100721	243913	905381	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	3876 2339129	21369	83540	189960	807183	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	21767 12817576	109315	512927	1301674	4642011	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1143 586031	5500	20657	48590	206641	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	1112 528077	4226	18037	44828	179322	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	15822 9378222	73943	330766	841334	3011173	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	FB	Ave	18964 11128540	88359	409328	1120120	3759170	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	15444 10329502	76046	352703	913535	3339927	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	13779 8214341	65725	282357	701694	2565958	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	4346 3360639	22670	95668	278899	1061810	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	11824 9079315	55816	285678	757004	2853351	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	15796 10058180	78908	354719	915876	3316831	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	19667 12097402	97118	490193	1263280	4607735	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	17166 10763355	84879	394343	1044563	3804491	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	10843 5537792	47787	192745	492654	1766259	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	11452 5550653	47456	188467	479324	1734995	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	7794 4776904	35372	139251	379840	1547697	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	FB	Ave	10897 7049603	53166	238529	677467	2284235	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	21605 11836930	100609	463765	1224694	4254784	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	10358 5373665	46962	183451	469159	1708361	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	FB	Ave	17907 9689778	76351	333453	984395	3448254	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-43868-1 Analy Batch No.: 125812

SDG No.: _____

Instrument ID: VOAMS9 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/27/2012 20:51 Calibration End Date: 08/28/2012 02:40 Calibration ID: 17142

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromo-3-Chloropropane	DCB	Ave	940 422073	4069	14926	33569	148559	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	2245 1240021	10516	36104	95485	418964	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	LinF	10197 4298449	38337	141445	392906	1407459	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	4224 2352509	17928	78556	221023	769836	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	20309 8636140	78459	303460	748385	3034285	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	9346 3883187	36330	133858	359945	1318344	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	138308 170530	146883	139717	146707	144093	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	553742 711085	574907	557690	604549	560481	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	211150 262180	216145	208469	225931	210714	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03874.d
 Report Date: 28-Aug-2012 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03874.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 27-AUG-2012 20:51
 Operator : VOAMS 9
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/8260L_10.m
 Meth Date : 28-Aug-2012 13:44 vibha
 Cal Date : 27-AUG-2012 20:51
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File: k03874.d
 Calibration Sample, Level: 3
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
90 Dichlorodifluoromethane	85	1.572	1.572	(0.289)	125703	20.0000	31
1 Chloromethane	50	1.727	1.727	(0.318)	130071	20.0000	28
4 Vinyl Chloride	62	1.829	1.829	(0.336)	140893	20.0000	24
3 Bromomethane	94	2.112	2.112	(0.389)	70208	20.0000	30
5 Chloroethane	64	2.187	2.187	(0.402)	58378	20.0000	25
9 Trichlorofluoromethane	101	2.385	2.385	(0.439)	162109	20.0000	23
121 n-Pentane	72	2.385	2.385	(0.439)	36570	40.0000	55
127 Ethanol	46	2.551	2.551	(0.469)	53985	3000.00	3200
46 Ethyl Ether	59	2.588	2.588	(0.476)	53451	20.0000	21
119 Isoprene	67	2.610	2.610	(0.480)	133403	20.0000	24
157 Dichlorofluoromethane	67	2.364	2.364	(0.435)	192240	20.0000	22
47 Acrolein	56	2.765	2.765	(0.509)	153784	300.000	320
10 1,1-Dichloroethene	96	2.797	2.797	(0.515)	81900	20.0000	24
48 Freon TF	101	2.786	2.786	(0.513)	109669	20.0000	23

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03874.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.893	2.893	(0.532)	37437	20.0000	38
142 Iodomethane	142	2.952	2.952	(0.543)	166427	20.0000	22
8 Carbon Disulfide	76	2.990	2.990	(0.550)	347387	20.0000	23
50 Acetonitrile	41	3.193	3.193	(0.588)	165995	400.000	430
125 Methyl acetate	74	3.134	3.134	(0.577)	13141	20.0000	21
6 Methylene Chloride	84	3.246	3.246	(0.597)	92004	20.0000	25
51 TBA	59	3.311	3.311	(0.609)	164227	400.000	410
52 Acrylonitrile	53	3.514	3.514	(0.647)	169931	150.000	160
12 trans-1,2-Dichloroethene	96	3.439	3.439	(0.633)	94033	20.0000	23
53 MTBE	73	3.417	3.417	(0.629)	207804	20.0000	21
54 Hexane	56	3.599	3.599	(0.662)	71466	20.0000	25
11 1,1-Dichloroethane	63	3.840	3.840	(0.707)	153177	20.0000	22
57 Vinyl Acetate	43	3.851	3.851	(0.709)	253945	40.0000	34(M)
55 DIPE	45	3.808	3.808	(0.701)	237653	20.0000	21
149 tert-Butyl ethyl ether	59	4.129	4.129	(0.760)	231467	20.0000	21
104 2,2-Dichloropropane	77	4.343	4.343	(0.799)	139502	20.0000	22
13 cis-1,2-Dichloroethene	96	4.364	4.364	(0.803)	99812	20.0000	22
18 2-Butanone	72	4.375	4.375	(0.805)	7507	20.0000	22
56 Ethyl Acetate	70	4.386	4.386	(0.807)	13638	40.0000	40
108 Bromochloromethane	128	4.594	4.594	(0.845)	44202	20.0000	22
160 Tetrahydrofuran	42	4.594	4.594	(0.845)	23409	20.0000	28
15 Chloroform	83	4.643	4.643	(0.854)	150132	20.0000	22
20 1,1,1-Trichloroethane	97	4.798	4.798	(0.883)	141239	20.0000	23
59 Cyclohexane	56	4.787	4.787	(0.881)	171922	20.0000	24
21 Carbon Tetrachloride	117	4.915	4.915	(0.904)	112371	20.0000	22
92 1,1-Dichloropropene	75	4.942	4.942	(0.909)	128043	20.0000	22
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.156	5.156	(0.949)	139717	50.0000	50
28 Benzene	78	5.145	5.145	(0.947)	358293	20.0000	22
17 1,2-Dichloroethane	62	5.231	5.231	(0.963)	88673	20.0000	21
61 Isopropyl Acetate	43	5.199	5.199	(0.957)	280591	40.0000	40
140 tert-Amylmethyl Ether	73	5.210	5.210	(0.959)	213492	20.0000	21
* 69 Fluorobenzene	96	5.434	5.434	(1.000)	604494	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.654	(1.040)	62631	40.0000	41
25 Trichloroethene	95	5.787	5.787	(1.065)	89943	20.0000	22
63 n-Butanol	43	5.723	5.723	(1.053)	72403	1500.00	1500
96 Ethyl Acrylate	85	5.905	5.905	(1.087)	4009	20.0000	11(MH)
126 Methyl cyclohexane	83	5.921	5.921	(1.090)	186252	20.0000	23
23 1,2-Dichloropropane	63	6.082	6.082	(1.119)	78247	20.0000	21
109 Dibromomethane	93	6.210	6.210	(1.143)	44457	20.0000	21
95 1,4-Dioxane	88	6.189	6.189	(1.139)	6182	150.000	150
146 Methyl methacrylate	69	6.157	6.157	(1.133)	38953	20.0000	20
64 Propyl Acetate	43	6.210	6.210	(1.143)	72039	40.0000	42
22 Bromodichloromethane	83	6.354	6.354	(1.169)	93031	20.0000	21
30 2-Chloroethyl Vinyl Ether	63	6.692	6.692	(1.231)	34203	20.0000	20
159 2-Nitropropane	41	5.060	5.060	(0.931)	325806	40.0000	(a)
118 Epichlorohydrin	57	6.804	6.804	(1.252)	115336	400.000	410
24 cis-1,3-Dichloropropene	75	6.863	6.863	(1.263)	115407	20.0000	21

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03874.d
Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.023	7.023	(1.292)	53613	20.0000	21
\$ 37 Toluene-d8 (SUR)	98	7.109	7.109	(0.799)	557690	50.0000	50
38 Toluene	91	7.189	7.189	(0.808)	378548	20.0000	21
29 trans-1,3-Dichloropropene	75	7.531	7.531	(0.846)	91622	20.0000	21
27 1,1,2-Trichloroethane	83	7.745	7.745	(0.870)	52401	20.0000	21
35 Tetrachloroethene	166	7.799	7.799	(0.876)	101709	20.0000	23
103 1,3-Dichloropropane	76	7.965	7.965	(0.895)	97098	20.0000	21
34 2-Hexanone	43	8.029	8.029	(0.902)	31564	20.0000	20
26 Dibromochloromethane	129	8.195	8.195	(0.921)	64856	20.0000	21
65 Butyl Acetate	43	8.141	8.141	(0.915)	168915	40.0000	45
66 1,2-Dibromoethane	107	8.355	8.355	(0.939)	60658	20.0000	21
* 32 Chlorobenzene-d5	117	8.901	8.901	(1.000)	426886	50.0000	
39 Chlorobenzene	112	8.938	8.938	(1.004)	227477	20.0000	22
97 1,1,1,2-Tetrachloroethane	131	9.061	9.061	(1.018)	78296	20.0000	21
40 Ethylbenzene	106	9.045	9.045	(1.016)	131498	20.0000	22
43 m+p-Xylene	106	9.195	9.195	(1.033)	320505	40.0000	44
44 o-Xylene	106	9.629	9.629	(1.082)	162835	20.0000	22
42 Styrene	104	9.655	9.655	(1.085)	249515	20.0000	21
147 Butyl Acrylate	55	9.607	9.607	(0.873)	107502	20.0000	21
31 Bromoform	173	9.853	9.853	(1.107)	39988	20.0000	20
145 Amyl Acetate	43	9.826	9.826	(1.104)	49565	20.0000	19
110 Isopropylbenzene	105	9.966	9.966	(1.120)	435301	20.0000	22
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	208469	50.0000	51
150 Camphene	41	10.158	10.158	(0.923)	29583	20.0000	21
107 Bromobenzene	156	10.254	10.254	(0.932)	100721	20.0000	22
36 1,1,2,2-Tetrachloroethane	83	10.287	10.287	(0.935)	83540	20.0000	22
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	20657	20.0000	21
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.904)	18037	20.0000	20
112 n-Propylbenzene	91	10.313	10.313	(0.937)	512927	20.0000	23
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	330766	20.0000	22
161 4-Ethyltoluene	105	10.410	10.410	(1.916)	409328	20.0000	21
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	282357	20.0000	22
102 1,3,5-Trimethylbenzene	105	10.458	10.458	(0.950)	352703	20.0000	22
148 Butyl methacrylate	69	10.533	10.533	(0.957)	95668	20.0000	20
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	285678	20.0000	22
100 1,2,4-Trimethylbenzene	105	10.736	10.736	(0.976)	354719	20.0000	22
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	490193	20.0000	23
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	192745	20.0000	21
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	225827	50.0000	
68 1,4-Dichlorobenzene	146	11.014	11.014	(1.001)	188467	20.0000	20
113 p-Isopropyltoluene	119	10.945	10.945	(0.995)	394343	20.0000	22
117 Benzyl chloride	91	11.116	11.116	(1.010)	139251	20.0000	20
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	183451	20.0000	21
162 1,4-Diethylbenzene	119	11.196	11.196	(2.060)	238529	20.0000	21
111 n-Butylbenzene	91	11.212	11.212	(1.019)	463765	20.0000	22
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	14926	20.0000	20
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.667	(2.147)	333453	20.0000	20

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03874.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.170	12.170	(1.106)	36104	100.000	93
93 1,2,4-Trichlorobenzene	180	12.223	12.223	(1.111)	141445	20.0000	21
94 Hexachlorobutadiene	225	12.287	12.287	(1.117)	78556	20.0000	21
70 Naphthalene	128	12.400	12.400	(1.127)	303460	20.0000	22
98 1,2,3-Trichlorobenzene	180	12.560	12.560	(1.141)	133858	20.0000	22
M 14 1,2-Dichloroethene (total)	100				193845	40.0000	45
M 45 Xylene (Total)	100				483340	60.0000	66

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Data File: k03874.d

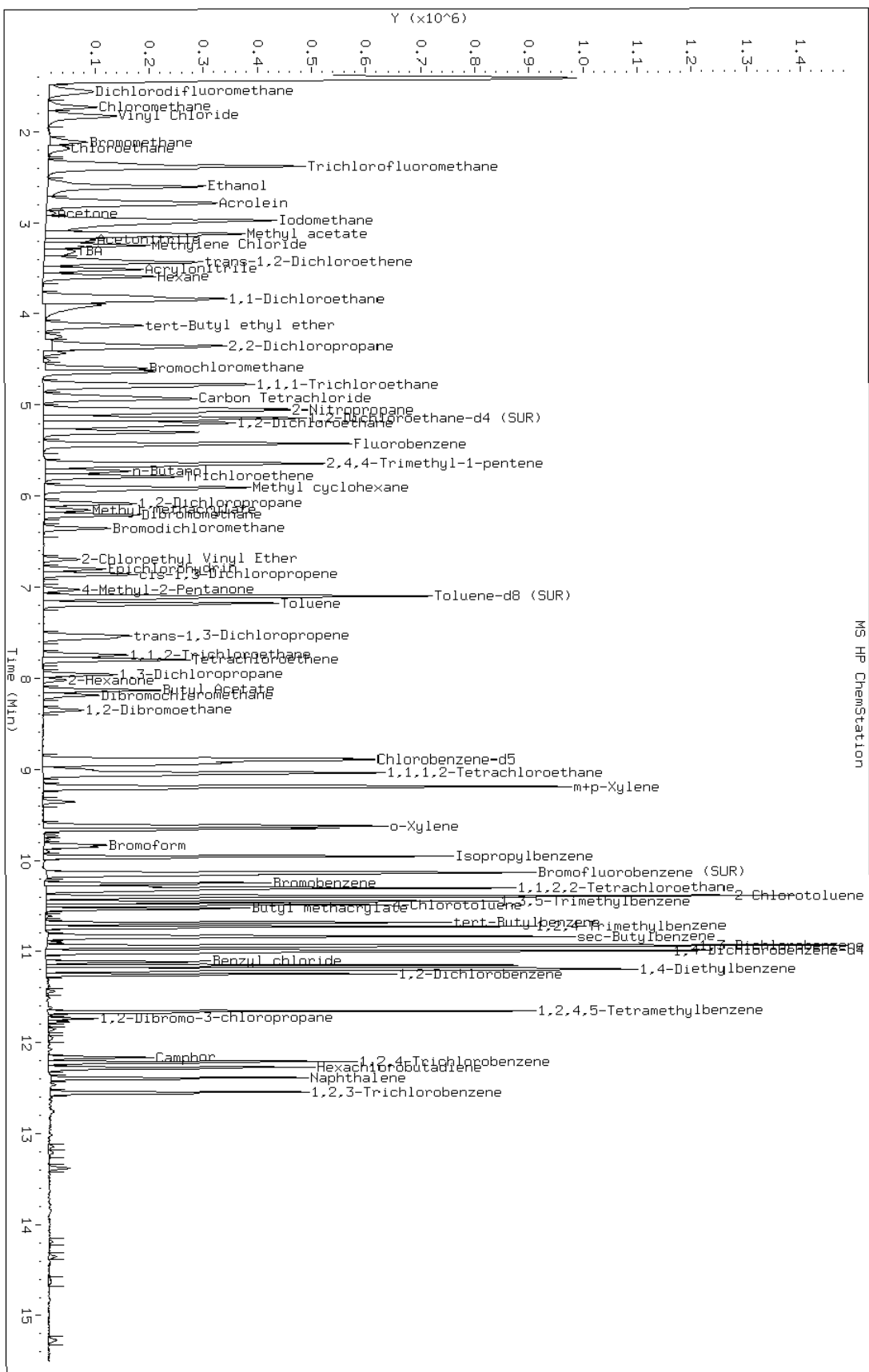
Date: 27-AUG-2012 20:51

Client ID:

Sample Info: ICIS-VMCAL3

Instrument: VOAMS9.i

Operator: VOAMS 9

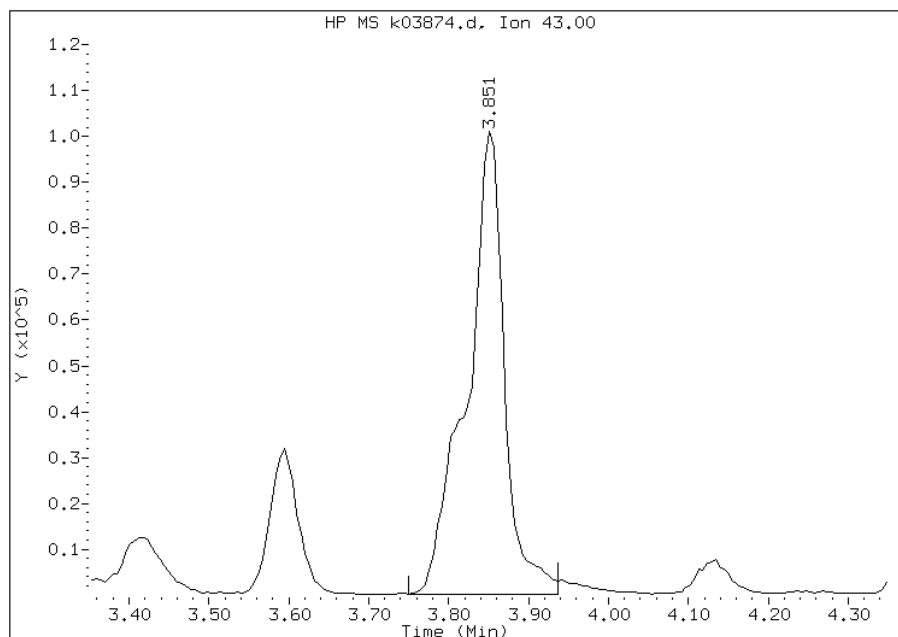


Manual Integration Report

Data File: k03874.d
Inj. Date and Time: 27-AUG-2012 20:51
Instrument ID: VOAMS9.i
Client ID:
Compound: 57 Vinyl Acetate
CAS #: 108-05-4
Report Date: 08/28/2012

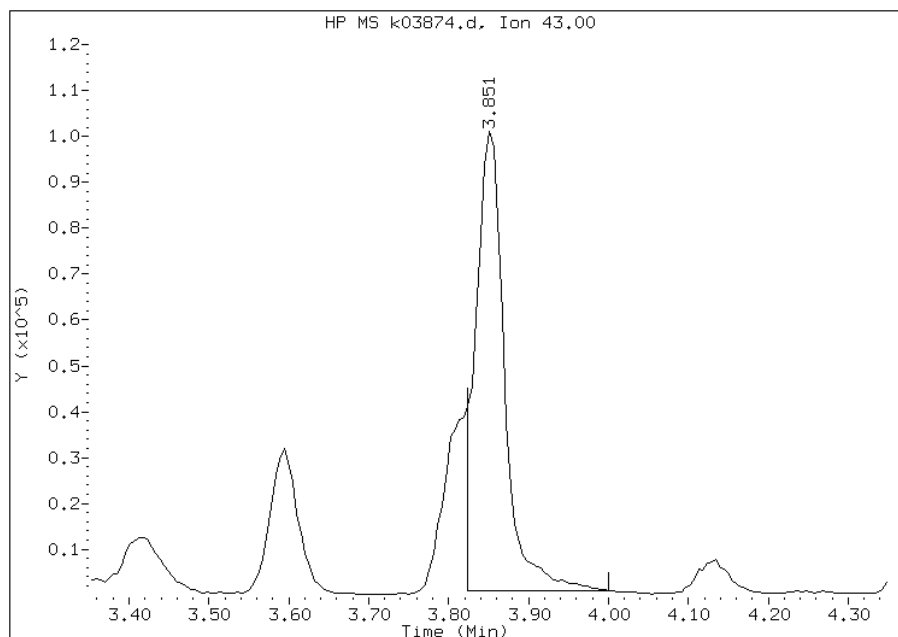
Processing Integration Results

RT: 3.85
Response: 327303
Amount: 43
Conc: 43



Manual Integration Results

RT: 3.85
Response: 253945
Amount: 35
Conc: 35



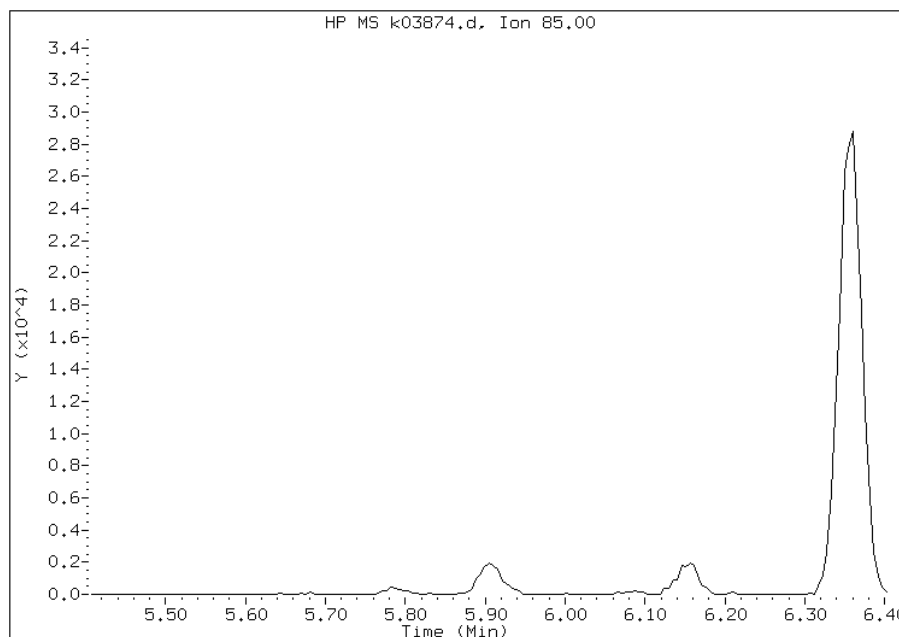
Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: k03874.d
Inj. Date and Time: 27-AUG-2012 20:51
Instrument ID: VOAMS9.i
Client ID:
Compound: 96 Ethyl Acrylate
CAS #: 140-88-5
Report Date: 08/28/2012

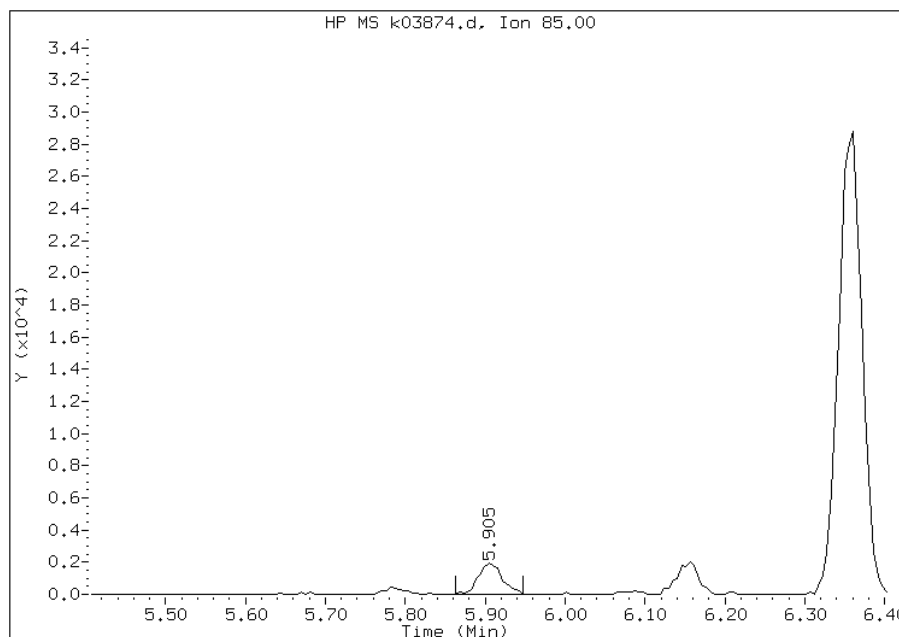
Processing Integration Results

RT: 4.43
Response: 5480
Amount: 20
Conc: 20



Manual Integration Results

RT: 5.91
Response: 4009
Amount: 11
Conc: 11



Manually Integrated By: vibha
Manual Integration Reason: Analyte Misidentified by the Data System

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03880.d
 Report Date: 28-Aug-2012 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03880.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 27-AUG-2012 23:14
 Operator : VOAMS 9
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/8260L_10.m
 Meth Date : 28-Aug-2012 13:44 vibha
 Cal Date : 27-AUG-2012 23:14
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File: k03880.d
 Calibration Sample, Level: 4
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
90 Dichlorodifluoromethane	85	1.583	1.572	(0.291)	298844	50.0000	68
1 Chloromethane	50	1.738	1.727	(0.319)	303225	50.0000	60
4 Vinyl Chloride	62	1.834	1.829	(0.337)	329682	50.0000	51
3 Bromomethane	94	2.118	2.112	(0.389)	154803	50.0000	61
5 Chloroethane	64	2.192	2.187	(0.403)	126844	50.0000	50
9 Trichlorofluoromethane	101	2.385	2.385	(0.438)	389441	50.0000	50
121 n-Pentane	72	2.401	2.385	(0.441)	86554	100.000	120
127 Ethanol	46	2.567	2.551	(0.472)	61213	4000.00	3300
46 Ethyl Ether	59	2.599	2.588	(0.478)	134329	50.0000	49
119 Isoprene	67	2.615	2.610	(0.481)	326315	50.0000	54
157 Dichlorofluoromethane	67	2.374	2.364	(0.436)	475109	50.0000	51
47 Acrolein	56	2.776	2.765	(0.510)	182172	400.000	350
10 1,1-Dichloroethene	96	2.802	2.797	(0.515)	188585	50.0000	51
48 Freon TF	101	2.792	2.786	(0.513)	276679	50.0000	55

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03880.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.899	2.893	(0.533)	49048	50.0000	47
142 Iodomethane	142	2.963	2.952	(0.545)	427145	50.0000	52
8 Carbon Disulfide	76	2.995	2.990	(0.551)	865173	50.0000	54
50 Acetonitrile	41	3.204	3.193	(0.589)	378221	1000.00	900
125 Methyl acetate	74	3.139	3.134	(0.577)	30092	50.0000	44
6 Methylene Chloride	84	3.257	3.246	(0.599)	218040	50.0000	55
51 TBA	59	3.321	3.311	(0.611)	368241	1000.00	860
52 Acrylonitrile	53	3.519	3.514	(0.647)	207653	200.000	180
12 trans-1,2-Dichloroethene	96	3.444	3.439	(0.633)	225017	50.0000	51
53 MTBE	73	3.423	3.417	(0.629)	519583	50.0000	48
54 Hexane	56	3.599	3.599	(0.662)	177156	50.0000	57
11 1,1-Dichloroethane	63	3.851	3.840	(0.708)	368698	50.0000	50
57 Vinyl Acetate	43	3.862	3.851	(0.710)	598133	100.000	79(M)
55 DIPE	45	3.819	3.808	(0.702)	619124	50.0000	50
149 tert-Butyl ethyl ether	59	4.134	4.129	(0.760)	592990	50.0000	49
104 2,2-Dichloropropane	77	4.354	4.343	(0.800)	335672	50.0000	49
13 cis-1,2-Dichloroethene	96	4.370	4.364	(0.803)	239888	50.0000	49
18 2-Butanone	72	4.386	4.375	(0.806)	20074	50.0000	56
56 Ethyl Acetate	70	4.391	4.386	(0.807)	32167	100.000	88
108 Bromochloromethane	128	4.600	4.594	(0.846)	106126	50.0000	48
160 Tetrahydrofuran	42	4.605	4.594	(0.847)	46729	50.0000	52
15 Chloroform	83	4.648	4.643	(0.854)	363239	50.0000	50
20 1,1,1-Trichloroethane	97	4.803	4.798	(0.883)	339037	50.0000	51
59 Cyclohexane	56	4.787	4.787	(0.880)	431319	50.0000	55
21 Carbon Tetrachloride	117	4.926	4.915	(0.906)	274116	50.0000	50
92 1,1-Dichloropropene	75	4.948	4.942	(0.910)	312711	50.0000	51
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.162	5.156	(0.949)	146707	50.0000	48
28 Benzene	78	5.151	5.145	(0.947)	858545	50.0000	49
17 1,2-Dichloroethane	62	5.236	5.231	(0.963)	212516	50.0000	47
61 Isopropyl Acetate	43	5.204	5.199	(0.957)	681845	100.000	91
140 tert-Amylmethyl Ether	73	5.215	5.210	(0.959)	551264	50.0000	50
* 69 Fluorobenzene	96	5.440	5.434	(1.000)	651607	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.659	5.654	(1.040)	167007	100.000	100
25 Trichloroethene	95	5.793	5.787	(1.065)	216792	50.0000	50
63 n-Butanol	43	5.729	5.723	(1.053)	86303	2000.00	1700
96 Ethyl Acrylate	85	5.916	5.905	(1.088)	9159	50.0000	24(M)
126 Methyl cyclohexane	83	5.927	5.921	(1.089)	483517	50.0000	56
23 1,2-Dichloropropane	63	6.087	6.082	(1.119)	190864	50.0000	48
109 Dibromomethane	93	6.215	6.210	(1.143)	104980	50.0000	46
95 1,4-Dioxane	88	6.205	6.189	(1.141)	8784	200.000	200(M)
146 Methyl methacrylate	69	6.157	6.157	(1.132)	95559	50.0000	46
64 Propyl Acetate	43	6.210	6.210	(1.142)	170692	100.000	93
22 Bromodichloromethane	83	6.360	6.354	(1.169)	229231	50.0000	48
30 2-Chloroethyl Vinyl Ether	63	6.697	6.692	(1.231)	84406	50.0000	46
159 2-Nitropropane	41	5.065	5.060	(0.931)	382781	100.000	(a)
118 Epichlorohydrin	57	6.809	6.804	(1.252)	272157	1000.00	900
24 cis-1,3-Dichloropropene	75	6.863	6.863	(1.262)	280924	50.0000	47

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03880.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.034	7.023	(1.293)	125678	50.0000	46
\$ 37 Toluene-d8 (SUR)	98	7.114	7.109	(0.799)	604549	50.0000	50
38 Toluene	91	7.194	7.189	(0.808)	911050	50.0000	48
29 trans-1,3-Dichloropropene	75	7.537	7.531	(0.846)	222432	50.0000	47
27 1,1,2-Trichloroethane	83	7.756	7.745	(0.871)	122794	50.0000	46
35 Tetrachloroethene	166	7.804	7.799	(0.876)	246667	50.0000	51
103 1,3-Dichloropropane	76	7.970	7.965	(0.895)	229505	50.0000	47
34 2-Hexanone	43	8.029	8.029	(0.901)	75994	50.0000	44
26 Dibromochloromethane	129	8.195	8.195	(0.920)	155610	50.0000	46
65 Butyl Acetate	43	8.141	8.141	(0.914)	388544	100.000	96
66 1,2-Dibromoethane	107	8.355	8.355	(0.938)	142399	50.0000	46
* 32 Chlorobenzene-d5	117	8.906	8.901	(1.000)	460479	50.0000	
39 Chlorobenzene	112	8.944	8.938	(1.004)	552433	50.0000	49
97 1,1,1,2-Tetrachloroethane	131	9.062	9.061	(1.017)	197142	50.0000	48
40 Ethylbenzene	106	9.045	9.045	(1.016)	317064	50.0000	50
43 m+p-Xylene	106	9.195	9.195	(1.032)	804295	100.000	100
44 o-Xylene	106	9.629	9.629	(1.081)	409241	50.0000	51
42 Styrene	104	9.661	9.655	(1.085)	625847	50.0000	50
147 Butyl Acrylate	55	9.613	9.607	(0.874)	271482	50.0000	48
31 Bromoform	173	9.853	9.853	(1.106)	95931	50.0000	45
145 Amyl Acetate	43	9.832	9.826	(1.104)	131933	50.0000	48
110 Isopropylbenzene	105	9.966	9.966	(1.119)	1102952	50.0000	52
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	225931	50.0000	49
150 Camphene	41	10.158	10.158	(0.923)	83193	50.0000	53
107 Bromobenzene	156	10.260	10.254	(0.932)	243913	50.0000	46
36 1,1,2,2-Tetrachloroethane	83	10.287	10.287	(0.935)	189960	50.0000	44
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	48590	50.0000	44
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.902)	44828	50.0000	46
112 n-Propylbenzene	91	10.313	10.313	(0.937)	1301674	50.0000	52
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	841334	50.0000	50
161 4-Ethyltoluene	105	10.410	10.410	(1.914)	1120120	50.0000	54
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	701694	50.0000	48
102 1,3,5-Trimethylbenzene	105	10.463	10.458	(0.951)	913535	50.0000	51
148 Butyl methacrylate	69	10.533	10.533	(0.957)	278899	50.0000	52
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	757004	50.0000	52
100 1,2,4-Trimethylbenzene	105	10.741	10.736	(0.976)	915876	50.0000	51
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	1263280	50.0000	54
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	492654	50.0000	48
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	252984	50.0000	
68 1,4-Dichlorobenzene	146	11.020	11.014	(1.001)	479324	50.0000	47
113 p-Isopropyltoluene	119	10.950	10.945	(0.995)	1044563	50.0000	53
117 Benzyl chloride	91	11.116	11.116	(1.010)	379840	50.0000	47
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	469159	50.0000	47
162 1,4-Diethylbenzene	119	11.196	11.196	(2.058)	677467	50.0000	55
111 n-Butylbenzene	91	11.212	11.212	(1.019)	1224694	50.0000	53
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	33569	50.0000	41
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.667	(2.145)	984395	50.0000	54

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03880.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.170	12.170	(1.106)	95485	250.000	220
93 1,2,4-Trichlorobenzene	180	12.223	12.223	(1.111)	392906	50.0000	53
94 Hexachlorobutadiene	225	12.287	12.287	(1.117)	221023	50.0000	52
70 Naphthalene	128	12.394	12.400	(1.126)	748385	50.0000	50
98 1,2,3-Trichlorobenzene	180	12.555	12.560	(1.141)	359945	50.0000	53
M 14 1,2-Dichloroethene (total)	100				464905	100.000	100
M 45 Xylene (Total)	100				1213536	150.000	150

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

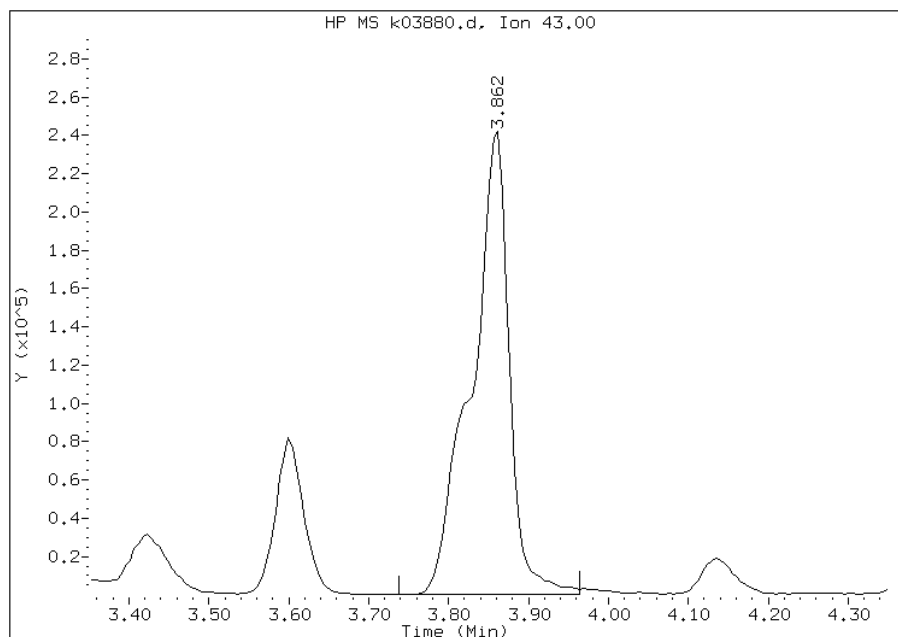


Manual Integration Report

Data File: k03880.d
Inj. Date and Time: 27-AUG-2012 23:14
Instrument ID: VOAMS9.i
Client ID:
Compound: 57 Vinyl Acetate
CAS #: 108-05-4
Report Date: 08/28/2012

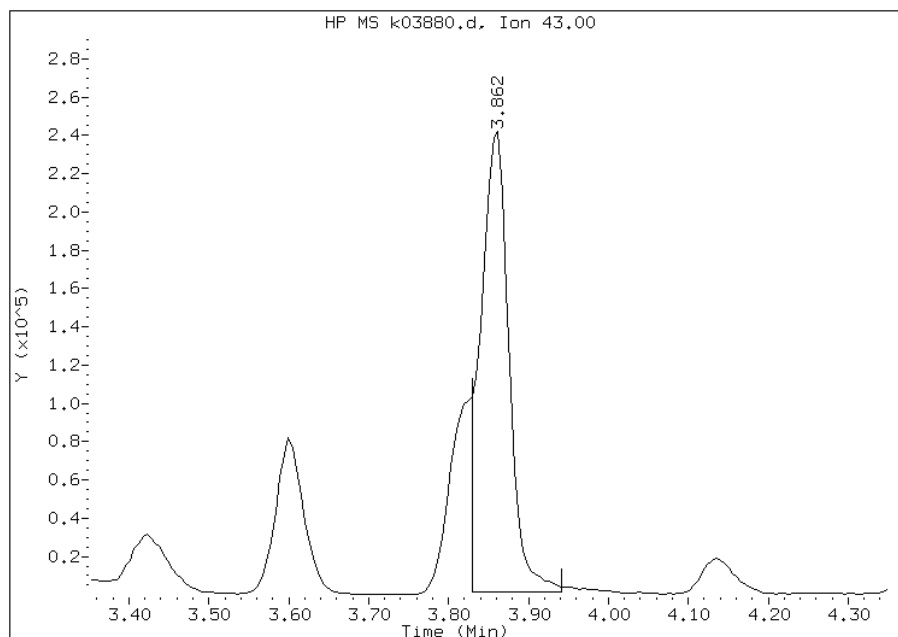
Processing Integration Results

RT: 3.86
Response: 791028
Amount: 96
Conc: 96



Manual Integration Results

RT: 3.86
Response: 598133
Amount: 79
Conc: 79



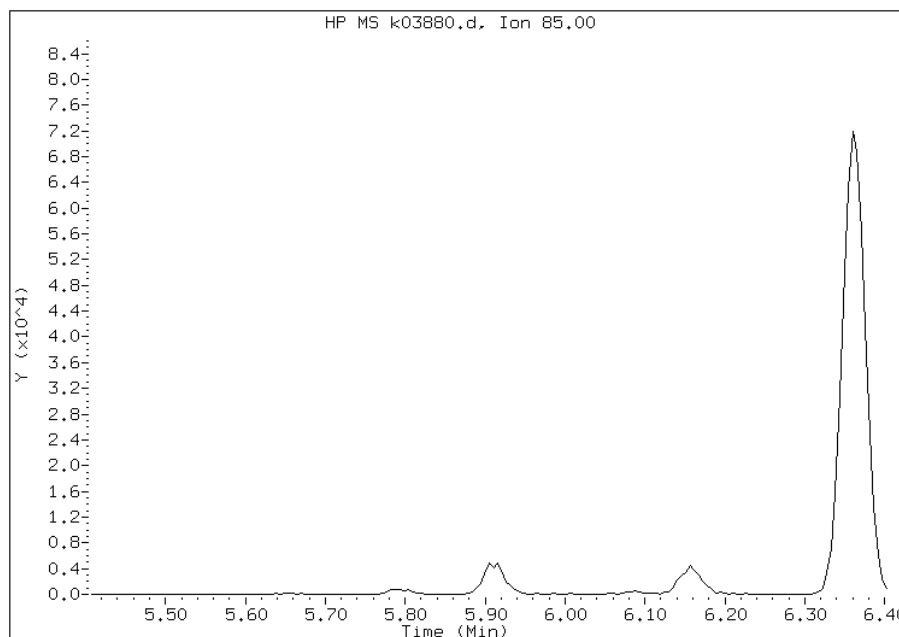
Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: k03880.d
Inj. Date and Time: 27-AUG-2012 23:14
Instrument ID: VOAMS9.i
Client ID:
Compound: 96 Ethyl Acrylate
CAS #: 140-88-5
Report Date: 08/28/2012

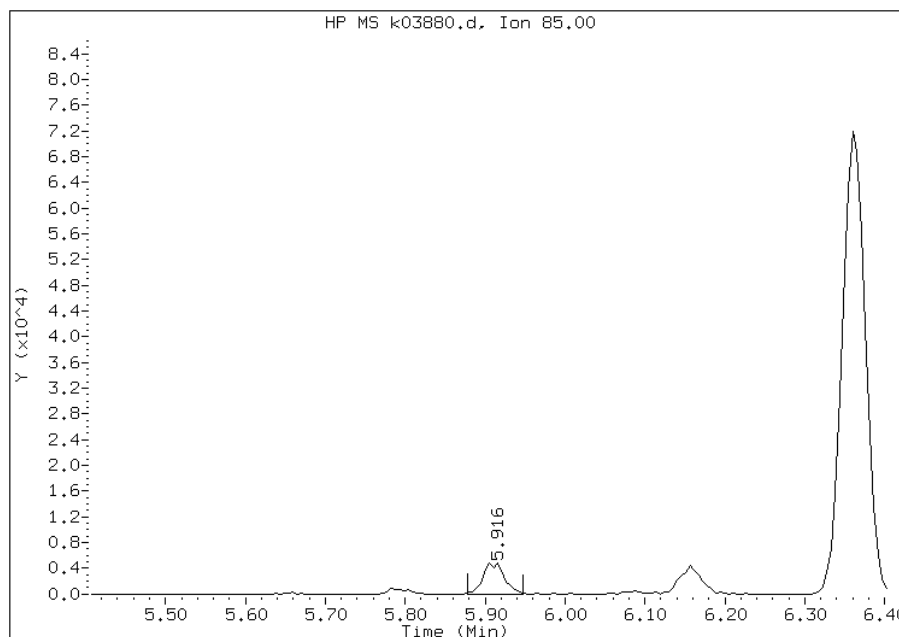
Processing Integration Results

RT: 4.44
Response: 22326
Amount: 50
Conc: 50



Manual Integration Results

RT: 5.92
Response: 9159
Amount: 24
Conc: 24



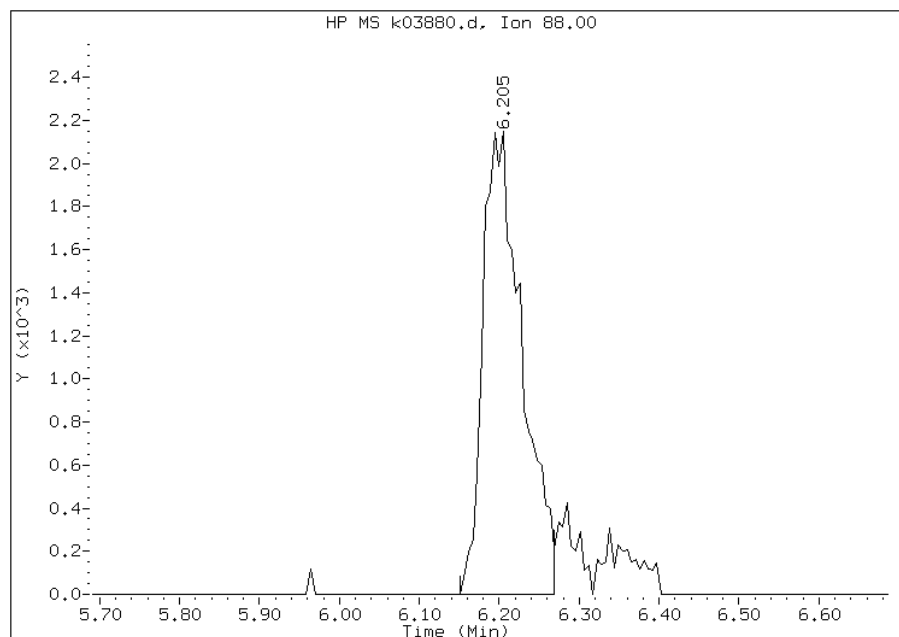
Manually Integrated By: vibha
Manual Integration Reason: Analyte Misidentified by the Data System

Manual Integration Report

Data File: k03880.d
Inj. Date and Time: 27-AUG-2012 23:14
Instrument ID: VOAMS9.i
Client ID:
Compound: 95 1,4-Dioxane
CAS #: 123-91-1
Report Date: 08/28/2012

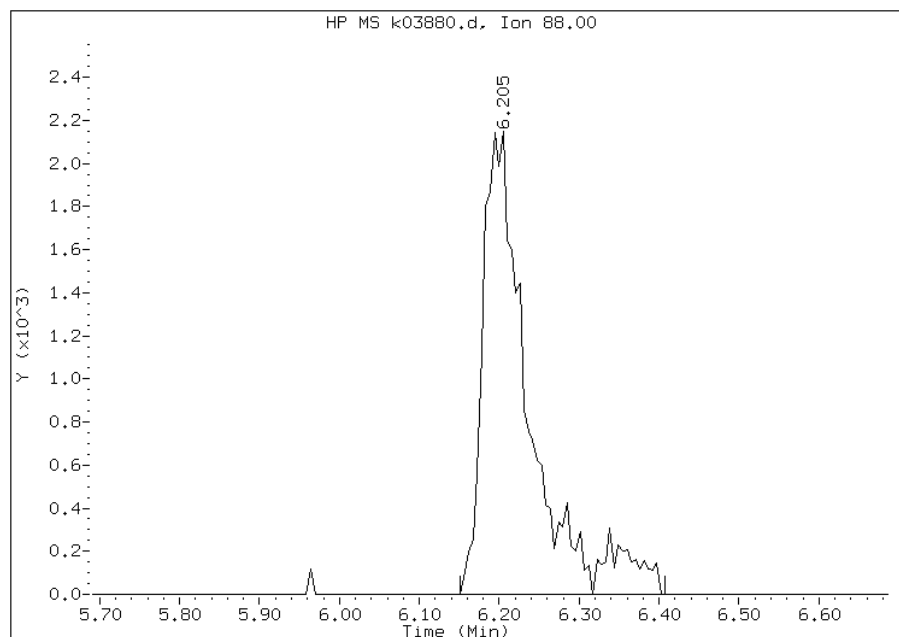
Processing Integration Results

RT: 6.20
Response: 7335
Amount: 211
Conc: 211



Manual Integration Results

RT: 6.20
Response: 8784
Amount: 197
Conc: 197



Manually Integrated By: vibha
Manual Integration Reason: Split Peak

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03881.d
 Report Date: 28-Aug-2012 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03881.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 27-AUG-2012 23:45
 Operator : VOAMS 9
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/8260L_10.m
 Meth Date : 28-Aug-2012 13:44 vibha
 Cal Date : 27-AUG-2012 23:45
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File: k03881.d
 Calibration Sample, Level: 5
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON -COL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
90 Dichlorodifluoromethane	85	1.583	1.572	(0.291)	860177	200.000	210	
1 Chloromethane	50	1.738	1.727	(0.319)	974287	200.000	210	
4 Vinyl Chloride	62	1.839	1.829	(0.338)	1077338	200.000	180	
3 Bromomethane	94	2.118	2.112	(0.389)	515729	200.000	220	
5 Chloroethane	64	2.192	2.187	(0.403)	433861	200.000	180	
9 Trichlorofluoromethane	101	2.390	2.385	(0.439)	1316534	200.000	180	
121 n-Pentane	72	2.396	2.385	(0.440)	277242	400.000	420	
127 Ethanol	46	2.588	2.551	(0.476)	85734	5000.00	5000	
46 Ethyl Ether	59	2.599	2.588	(0.478)	469928	200.000	180	
119 Isoprene	67	2.615	2.610	(0.481)	1087328	200.000	190	
157 Dichlorofluoromethane	67	2.374	2.364	(0.436)	1571711	200.000	180	
47 Acrolein	56	2.776	2.765	(0.510)	252118	500.000	530	
10 1,1-Dichloroethene	96	2.802	2.797	(0.515)	628625	200.000	180	
48 Freon TF	101	2.786	2.786	(0.512)	915420	200.000	200	

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03881.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.899	2.893	(0.533)	172615	200.000	190
142 Iodomethane	142	2.963	2.952	(0.545)	1406998	200.000	180
8 Carbon Disulfide	76	2.995	2.990	(0.551)	2750447	200.000	180
50 Acetonitrile	41	3.198	3.193	(0.588)	1583149	4000.00	4100
125 Methyl acetate	74	3.139	3.134	(0.577)	129536	200.000	200
6 Methylene Chloride	84	3.257	3.246	(0.599)	752430	200.000	200
51 TBA	59	3.327	3.311	(0.612)	1673543	4000.00	4200
52 Acrylonitrile	53	3.525	3.514	(0.648)	284488	250.000	270
12 trans-1,2-Dichloroethene	96	3.444	3.439	(0.633)	747429	200.000	180
53 MTBE	73	3.423	3.417	(0.629)	1926538	200.000	190
54 Hexane	56	3.599	3.599	(0.662)	587487	200.000	200
11 1,1-Dichloroethane	63	3.851	3.840	(0.708)	1282674	200.000	190
57 Vinyl Acetate	43	3.862	3.851	(0.710)	2330783	400.000	340(M)
55 DIPE	45	3.819	3.808	(0.702)	2134643	200.000	190
149 tert-Butyl ethyl ether	59	4.134	4.129	(0.760)	2095997	200.000	190
104 2,2-Dichloropropane	77	4.354	4.343	(0.800)	1216853	200.000	190
13 cis-1,2-Dichloroethene	96	4.370	4.364	(0.803)	844106	200.000	190
18 2-Butanone	72	4.386	4.375	(0.806)	82935	200.000	250
56 Ethyl Acetate	70	4.391	4.386	(0.807)	135455	400.000	400
108 Bromochloromethane	128	4.600	4.594	(0.846)	388073	200.000	190
160 Tetrahydrofuran	42	4.600	4.594	(0.846)	188516	200.000	230
15 Chloroform	83	4.648	4.643	(0.854)	1301259	200.000	190
20 1,1,1-Trichloroethane	97	4.803	4.798	(0.883)	1203477	200.000	190
59 Cyclohexane	56	4.792	4.787	(0.881)	1463365	200.000	200
21 Carbon Tetrachloride	117	4.921	4.915	(0.905)	984988	200.000	190
92 1,1-Dichloropropene	75	4.948	4.942	(0.910)	1078382	200.000	190
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.162	5.156	(0.949)	144093	50.0000	51
28 Benzene	78	5.151	5.145	(0.947)	3028983	200.000	190
17 1,2-Dichloroethane	62	5.242	5.231	(0.964)	796989	200.000	190
61 Isopropyl Acetate	43	5.204	5.199	(0.957)	2673551	400.000	380
140 tert-Amylmethyl Ether	73	5.215	5.210	(0.959)	1987455	200.000	200
* 69 Fluorobenzene	96	5.440	5.434	(1.000)	604957	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.659	5.654	(1.040)	595255	400.000	390
25 Trichloroethene	95	5.793	5.787	(1.065)	771398	200.000	190
63 n-Butanol	43	5.729	5.723	(1.053)	133808	2500.00	2800
96 Ethyl Acrylate	85	5.910	5.905	(1.087)	34916	200.000	110(M)
126 Methyl cyclohexane	83	5.921	5.921	(1.089)	1643133	200.000	200
23 1,2-Dichloropropane	63	6.087	6.082	(1.119)	701404	200.000	190
109 Dibromomethane	93	6.215	6.210	(1.143)	409338	200.000	190
95 1,4-Dioxane	88	6.199	6.189	(1.140)	13043	250.000	320
146 Methyl methacrylate	69	6.157	6.157	(1.132)	396528	200.000	200
64 Propyl Acetate	43	6.210	6.210	(1.142)	721623	400.000	420
22 Bromodichloromethane	83	6.360	6.354	(1.169)	898138	200.000	200
30 2-Chloroethyl Vinyl Ether	63	6.697	6.692	(1.231)	355844	200.000	210
159 2-Nitropropane	41	5.065	5.060	(0.931)	548069	400.000	(a)
118 Epichlorohydrin	57	6.809	6.804	(1.252)	1201680	4000.00	4300
24 cis-1,3-Dichloropropene	75	6.863	6.863	(1.262)	1082907	200.000	200

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03881.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.034	7.023	(1.293)	560784	200.000	220
\$ 37 Toluene-d8 (SUR)	98	7.114	7.109	(0.785)	560481	50.0000	49
38 Toluene	91	7.194	7.189	(0.794)	3234926	200.000	180
29 trans-1,3-Dichloropropene	75	7.537	7.531	(0.832)	893008	200.000	200
27 1,1,2-Trichloroethane	83	7.751	7.745	(0.855)	491641	200.000	190
35 Tetrachloroethene	166	7.804	7.799	(0.861)	853974	200.000	190
103 1,3-Dichloropropane	76	7.970	7.965	(0.880)	901602	200.000	200
34 2-Hexanone	43	8.029	8.029	(0.886)	359771	200.000	220
26 Dibromochloromethane	129	8.200	8.195	(0.905)	648179	200.000	200
65 Butyl Acetate	43	8.141	8.141	(0.898)	1590008	400.000	420
66 1,2-Dibromoethane	107	8.361	8.355	(0.923)	566266	200.000	190
* 32 Chlorobenzene-d5	117	8.906	8.901	(1.000)	434315	50.0000	(H)
39 Chlorobenzene	112	8.944	8.938	(0.987)	2022045	200.000	190
97 1,1,1,2-Tetrachloroethane	131	9.061	9.061	(1.000)	767458	200.000	200
40 Ethylbenzene	106	9.045	9.045	(0.998)	1150883	200.000	190
43 m+p-Xylene	106	9.195	9.195	(1.015)	2877187	400.000	390
44 o-Xylene	106	9.634	9.629	(1.063)	1476621	200.000	190
42 Styrene	104	9.661	9.655	(1.066)	2310364	200.000	190
147 Butyl Acrylate	55	9.612	9.607	(0.874)	1076616	200.000	200
31 Bromoform	173	9.853	9.853	(1.087)	430297	200.000	210(A)
145 Amyl Acetate	43	9.832	9.826	(1.085)	521736	200.000	200(A)
110 Isopropylbenzene	105	9.966	9.966	(1.100)	4031615	200.000	200
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	210714	50.0000	49
150 Camphene	41	10.158	10.158	(0.923)	296312	200.000	200
107 Bromobenzene	156	10.260	10.254	(0.932)	905381	200.000	180
36 1,1,2,2-Tetrachloroethane	83	10.287	10.287	(0.935)	807183	200.000	200
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	206641	200.000	200
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.902)	179322	200.000	200
112 n-Propylbenzene	91	10.313	10.313	(0.937)	4642011	200.000	200
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	3011173	200.000	190
161 4-Ethyltoluene	105	10.410	10.410	(1.914)	3759170	200.000	200
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	2565958	200.000	190
102 1,3,5-Trimethylbenzene	105	10.463	10.458	(0.951)	3339927	200.000	200
148 Butyl methacrylate	69	10.538	10.533	(0.958)	1061810	200.000	210
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	2853351	200.000	210
100 1,2,4-Trimethylbenzene	105	10.741	10.736	(0.976)	3316831	200.000	200
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	4607735	200.000	210
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	1766259	200.000	180
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	235904	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.014	(1.001)	1734995	200.000	180
113 p-Isopropyltoluene	119	10.950	10.945	(0.995)	3804491	200.000	210
117 Benzyl chloride	91	11.116	11.116	(1.010)	1547697	200.000	210
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	1708361	200.000	180
162 1,4-Diethylbenzene	119	11.196	11.196	(2.058)	2284235	200.000	200
111 n-Butylbenzene	91	11.212	11.212	(1.019)	4254784	200.000	200
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	148559	200.000	190
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.667	(2.145)	3448254	200.000	200

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03881.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.170	12.170	(1.106)	418964	1000.00	1000
93 1,2,4-Trichlorobenzene	180	12.223	12.223	(1.111)	1407459	200.000	200
94 Hexachlorobutadiene	225	12.287	12.287	(1.117)	769836	200.000	190
70 Naphthalene	128	12.400	12.400	(1.127)	3034285	200.000	220
98 1,2,3-Trichlorobenzene	180	12.560	12.560	(1.141)	1318344	200.000	210
M 14 1,2-Dichloroethene (total)	100				1591535	400.000	370
M 45 Xylene (Total)	100				4353808	600.000	580

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- A - Target compound detected but, quantitated amount
exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Data File: k03881.d

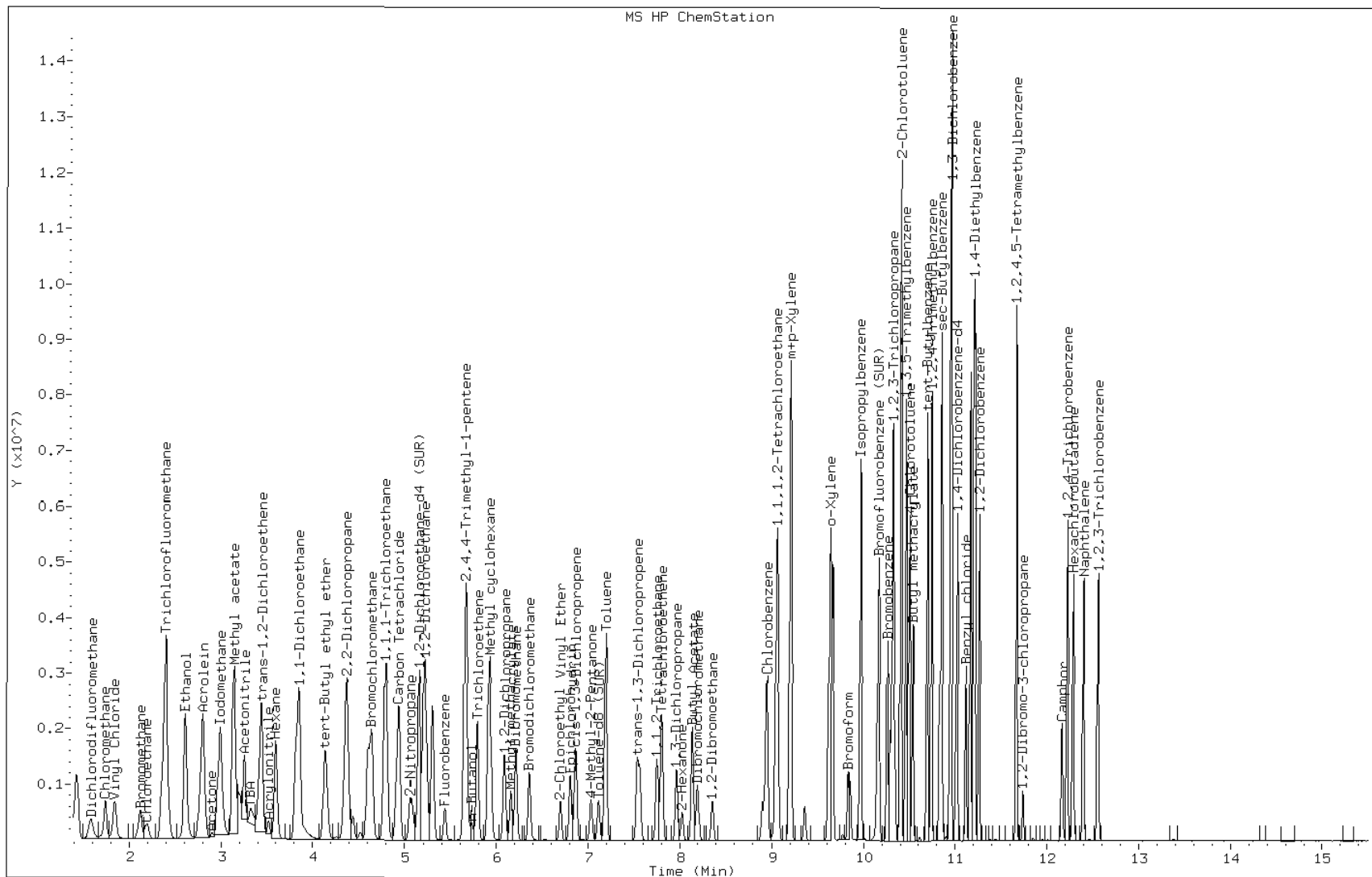
Date: 27-AUG-2012 23:45

Client ID:

Instrument: VOAMS9.i

Sample Info: IC-VMCAL5

Operator: VOAMS 9

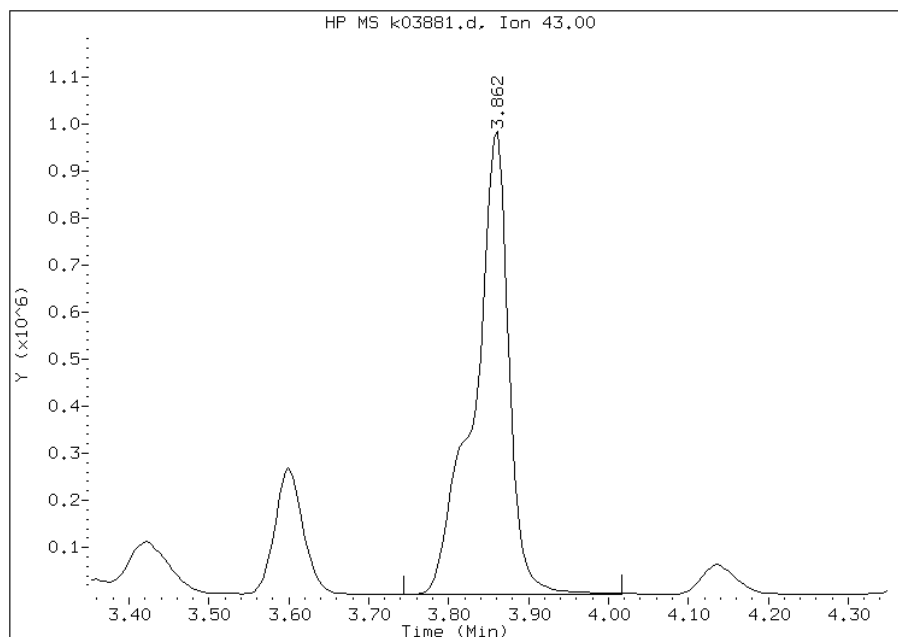


Manual Integration Report

Data File: k03881.d
Inj. Date and Time: 27-AUG-2012 23:45
Instrument ID: VOAMS9.i
Client ID:
Compound: 57 Vinyl Acetate
CAS #: 108-05-4
Report Date: 08/28/2012

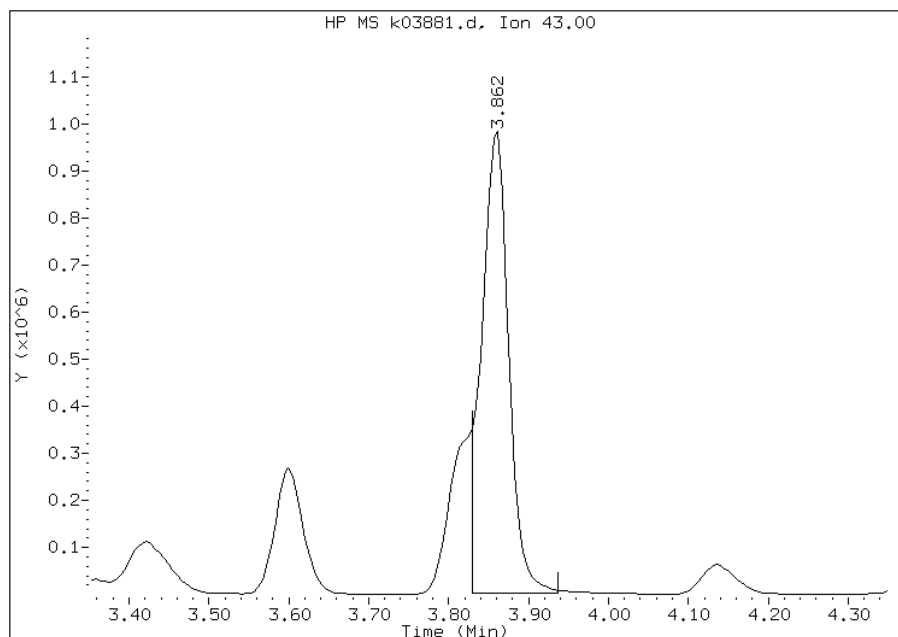
Processing Integration Results

RT: 3.86
Response: 2960483
Amount: 387
Conc: 387



Manual Integration Results

RT: 3.86
Response: 2330783
Amount: 343
Conc: 343



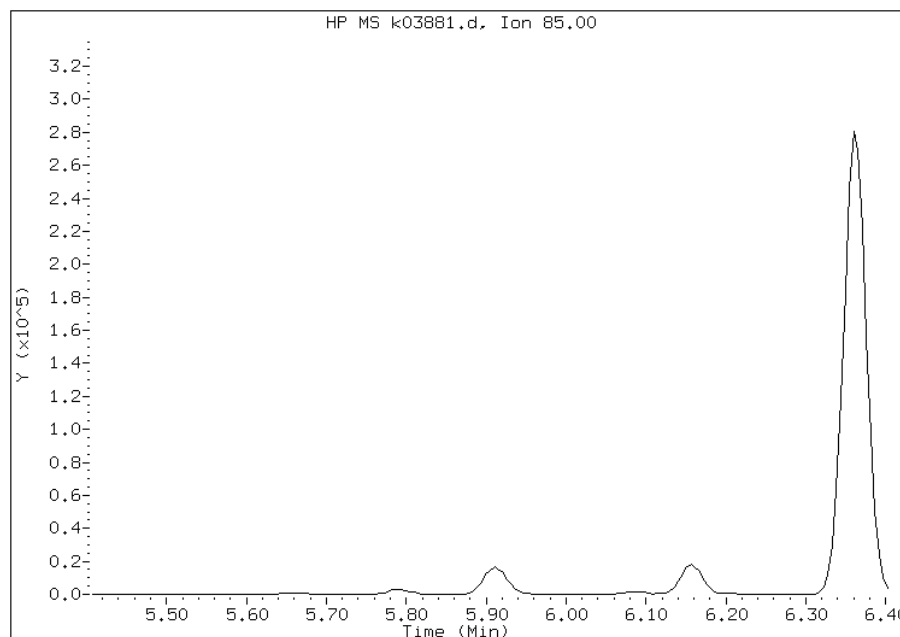
Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: k03881.d
Inj. Date and Time: 27-AUG-2012 23:45
Instrument ID: VOAMS9.i
Client ID:
Compound: 96 Ethyl Acrylate
CAS #: 140-88-5
Report Date: 08/28/2012

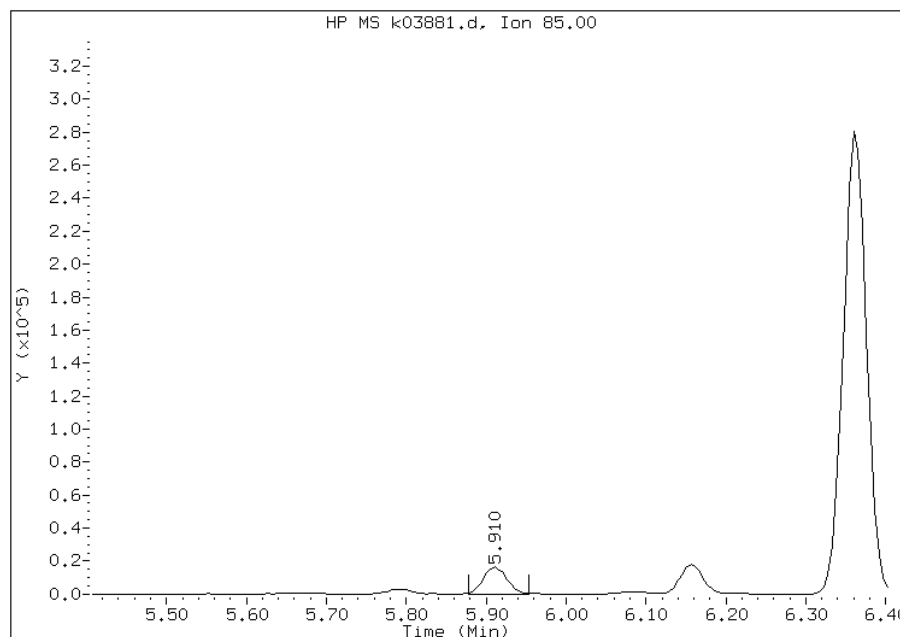
Processing Integration Results

RT: 4.44
Response: 90337
Amount: 242
Conc: 242



Manual Integration Results

RT: 5.91
Response: 34916
Amount: 112
Conc: 112



Manually Integrated By: vibha
Manual Integration Reason: Analyte Misidentified by the Data System

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03882.d
 Report Date: 28-Aug-2012 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03882.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 28-AUG-2012 00:06
 Operator : VOAMS 9
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/8260L_10.m
 Meth Date : 28-Aug-2012 13:44 vibha
 Cal Date : 28-AUG-2012 00:06
 Als bottle: 10
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File: k03882.d
 Calibration Sample, Level: 6
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
90 Dichlorodifluoromethane	85	1.582	1.572	(0.291)	2549652	500.000	490
1 Chloromethane	50	1.743	1.727	(0.320)	2912424	500.000	490
4 Vinyl Chloride	62	1.839	1.829	(0.338)	3243962	500.000	430
3 Bromomethane	94	2.123	2.112	(0.390)	1463113	500.000	490
5 Chloroethane	64	2.198	2.187	(0.404)	1217560	500.000	410
9 Trichlorofluoromethane	101	2.390	2.385	(0.439)	3879689	500.000	430
121 n-Pentane	72	2.396	2.385	(0.440)	821588	1000.00	990
127 Ethanol	46	2.599	2.551	(0.478)	121285	6000.00	5600
46 Ethyl Ether	59	2.599	2.588	(0.478)	1398137	500.000	440
119 Isoprene	67	2.615	2.610	(0.481)	3365868	500.000	480
157 Dichlorofluoromethane	67	2.374	2.364	(0.436)	4659310	500.000	430
47 Acrolein	56	2.775	2.765	(0.510)	318418	600.000	530
10 1,1-Dichloroethene	96	2.802	2.797	(0.515)	1965017	500.000	450
48 Freon TF	101	2.791	2.786	(0.513)	2816620	500.000	480(A)

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03882.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.904	2.893 (0.534)		850399	1000.00	1000(A)
142 Iodomethane	142	2.963	2.952 (0.545)		4366292	500.000	450
8 Carbon Disulfide	76	2.995	2.990 (0.551)		8577474	500.000	460
50 Acetonitrile	41	3.203	3.193 (0.589)		4144446	10000.0	8500
125 Methyl acetate	74	3.145	3.134 (0.578)		364609	500.000	460
6 Methylene Chloride	84	3.257	3.246 (0.599)		2291419	500.000	500
51 TBA	59	3.326	3.311 (0.612)		4552290	10000.0	9100
52 Acrylonitrile	53	3.524	3.514 (0.648)		348735	300.000	260
12 trans-1,2-Dichloroethene	96	3.444	3.439 (0.633)		2347028	500.000	450
53 MTBE	73	3.423	3.417 (0.629)		5821984	500.000	460
54 Hexane	56	3.599	3.599 (0.662)		1803008	500.000	500
11 1,1-Dichloroethane	63	3.851	3.840 (0.708)		4016155	500.000	460
57 Vinyl Acetate	43	3.861	3.851 (0.710)		6286599	1000.00	770(M)
55 DIPE	45	3.819	3.808 (0.702)		6644813	500.000	460
149 tert-Butyl ethyl ether	59	4.140	4.129 (0.761)		6516181	500.000	460
104 2,2-Dichloropropane	77	4.359	4.343 (0.801)		3841380	500.000	480
13 cis-1,2-Dichloroethene	96	4.375	4.364 (0.804)		2651099	500.000	460
18 2-Butanone	72	4.391	4.375 (0.807)		415193	1000.00	990
56 Ethyl Acetate	70	4.391	4.386 (0.807)		396002	1000.00	930(A)
108 Bromochloromethane	128	4.600	4.594 (0.846)		1177640	500.000	460
160 Tetrahydrofuran	42	4.605	4.594 (0.847)		510420	500.000	490
15 Chloroform	83	4.653	4.643 (0.855)		4063543	500.000	470
20 1,1,1-Trichloroethane	97	4.808	4.798 (0.884)		3795609	500.000	490
59 Cyclohexane	56	4.792	4.787 (0.881)		4558512	500.000	500
21 Carbon Tetrachloride	117	4.926	4.915 (0.906)		3203418	500.000	500(A)
92 1,1-Dichloropropene	75	4.953	4.942 (0.910)		3460608	500.000	480
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.167	5.156 (0.950)		170530	50.0000	48
28 Benzene	78	5.151	5.145 (0.947)		9644251	500.000	470
17 1,2-Dichloroethane	62	5.242	5.231 (0.964)		2463631	500.000	460
61 Isopropyl Acetate	43	5.204	5.199 (0.957)		7710857	1000.00	880
140 tert-Amylmethyl Ether	73	5.215	5.210 (0.959)		6165444	500.000	480
* 69 Fluorobenzene	96	5.440	5.434 (1.000)		761456	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.664	5.654 (1.041)		1912621	1000.00	1000(A)
25 Trichloroethene	95	5.793	5.787 (1.065)		2519372	500.000	500
63 n-Butanol	43	5.734	5.723 (1.054)		204498	3000.00	3400(A)
96 Ethyl Acrylate	85	5.916	5.905 (1.088)		99337	500.000	300(M)
126 Methyl cyclohexane	83	5.926	5.921 (1.089)		5067650	500.000	500
23 1,2-Dichloropropane	63	6.087	6.082 (1.119)		2225919	500.000	480
109 Dibromomethane	93	6.215	6.210 (1.143)		1239945	500.000	460
95 1,4-Dioxane	88	6.194	6.189 (1.139)		219003	5000.00	4200
146 Methyl methacrylate	69	6.156	6.157 (1.132)		1180512	500.000	480
64 Propyl Acetate	43	6.210	6.210 (1.142)		2133431	1000.00	990
22 Bromodichloromethane	83	6.365	6.354 (1.170)		2899598	500.000	520(A)
30 2-Chloroethyl Vinyl Ether	63	6.702	6.692 (1.232)		1087303	500.000	500(A)
159 2-Nitropropane	41	5.065	5.060 (0.931)		747689	1000.00	(a)
118 Epichlorohydrin	57	6.809	6.804 (1.252)		3300176	10000.0	9300
24 cis-1,3-Dichloropropene	75	6.868	6.863 (1.263)		3516731	500.000	510(A)

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03882.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.034	7.023	(1.293)	3096913	1000.00	960
\$ 37 Toluene-d8 (SUR)	98	7.114	7.109	(0.785)	711085	50.0000	50
38 Toluene	91	7.194	7.189	(0.794)	10343168	500.000	470
29 trans-1,3-Dichloropropene	75	7.537	7.531	(0.832)	2825232	500.000	510(A)
27 1,1,2-Trichloroethane	83	7.756	7.745	(0.856)	1508991	500.000	480
35 Tetrachloroethene	166	7.804	7.799	(0.861)	2772356	500.000	490
103 1,3-Dichloropropane	76	7.970	7.965	(0.880)	2760295	500.000	480
34 2-Hexanone	43	8.029	8.029	(0.886)	2013974	1000.00	1000(A)
26 Dibromochloromethane	129	8.200	8.195	(0.905)	2097165	500.000	530(A)
65 Butyl Acetate	43	8.141	8.141	(0.898)	4661345	1000.00	990
66 1,2-Dibromoethane	107	8.361	8.355	(0.923)	1716922	500.000	470
* 32 Chlorobenzene-d5	117	8.906	8.901	(1.000)	536771	50.0000	(H)
39 Chlorobenzene	112	8.944	8.938	(0.987)	6511420	500.000	490
97 1,1,1,2-Tetrachloroethane	131	9.061	9.061	(1.000)	2478552	500.000	520(A)
40 Ethylbenzene	106	9.051	9.045	(0.999)	3710395	500.000	500
43 m+p-Xylene	106	9.200	9.195	(1.015)	9143516	1000.00	1000
44 o-Xylene	106	9.634	9.629	(1.063)	4699368	500.000	500(A)
42 Styrene	104	9.660	9.655	(1.066)	7388332	500.000	500(A)
147 Butyl Acrylate	55	9.612	9.607	(0.874)	3290037	500.000	500
31 Bromoform	173	9.853	9.853	(1.087)	1368332	500.000	550(A)
145 Amyl Acetate	43	9.832	9.826	(1.085)	1589931	500.000	490(A)
110 Isopropylbenzene	105	9.971	9.966	(1.100)	12419195	500.000	500(A)
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	262180	50.0000	49
150 Camphene	41	10.163	10.158	(0.924)	946610	500.000	520(A)
107 Bromobenzene	156	10.260	10.254	(0.932)	2864408	500.000	470
36 1,1,2,2-Tetrachloroethane	83	10.292	10.287	(0.935)	2339129	500.000	470
99 1,2,3-Trichloropropane	110	10.335	10.329	(0.939)	586031	500.000	460
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.902)	528077	500.000	460
112 n-Propylbenzene	91	10.313	10.313	(0.937)	12817576	500.000	440
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	9378222	500.000	480
161 4-Ethyltoluene	105	10.409	10.410	(1.914)	11128540	500.000	460
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	8214341	500.000	490
102 1,3,5-Trimethylbenzene	105	10.463	10.458	(0.951)	10329502	500.000	500(A)
148 Butyl methacrylate	69	10.538	10.533	(0.958)	3360639	500.000	540(A)
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	9079315	500.000	540(A)
100 1,2,4-Trimethylbenzene	105	10.741	10.736	(0.976)	10058180	500.000	480
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	12097402	500.000	440
67 1,3-Dichlorobenzene	146	10.955	10.950	(0.996)	5537792	500.000	460
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	293091	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.014	(1.001)	5550653	500.000	470
113 p-Isopropyltoluene	119	10.950	10.945	(0.995)	10763355	500.000	470
117 Benzyl chloride	91	11.116	11.116	(1.010)	4776904	500.000	520(A)
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	5373665	500.000	470
162 1,4-Diethylbenzene	119	11.196	11.196	(2.058)	7049603	500.000	490
111 n-Butylbenzene	91	11.212	11.212	(1.019)	11836930	500.000	440
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	422073	500.000	440
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.667	(2.145)	9689778	500.000	460

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03882.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.169	12.170	(1.106)	1240021	2500.00	2500
93 1,2,4-Trichlorobenzene	180	12.228	12.223	(1.111)	4298449	500.000	500
94 Hexachlorobutadiene	225	12.293	12.287	(1.117)	2352509	500.000	480
70 Naphthalene	128	12.400	12.400	(1.127)	8636140	500.000	490
98 1,2,3-Trichlorobenzene	180	12.560	12.560	(1.141)	3883187	500.000	500
M 14 1,2-Dichloroethene (total)	100				4998127	1000.00	920
M 45 Xylene (Total)	100				13842884	1500.00	1500(A)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- A - Target compound detected but, quantitated amount
exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Data File: k03882.d

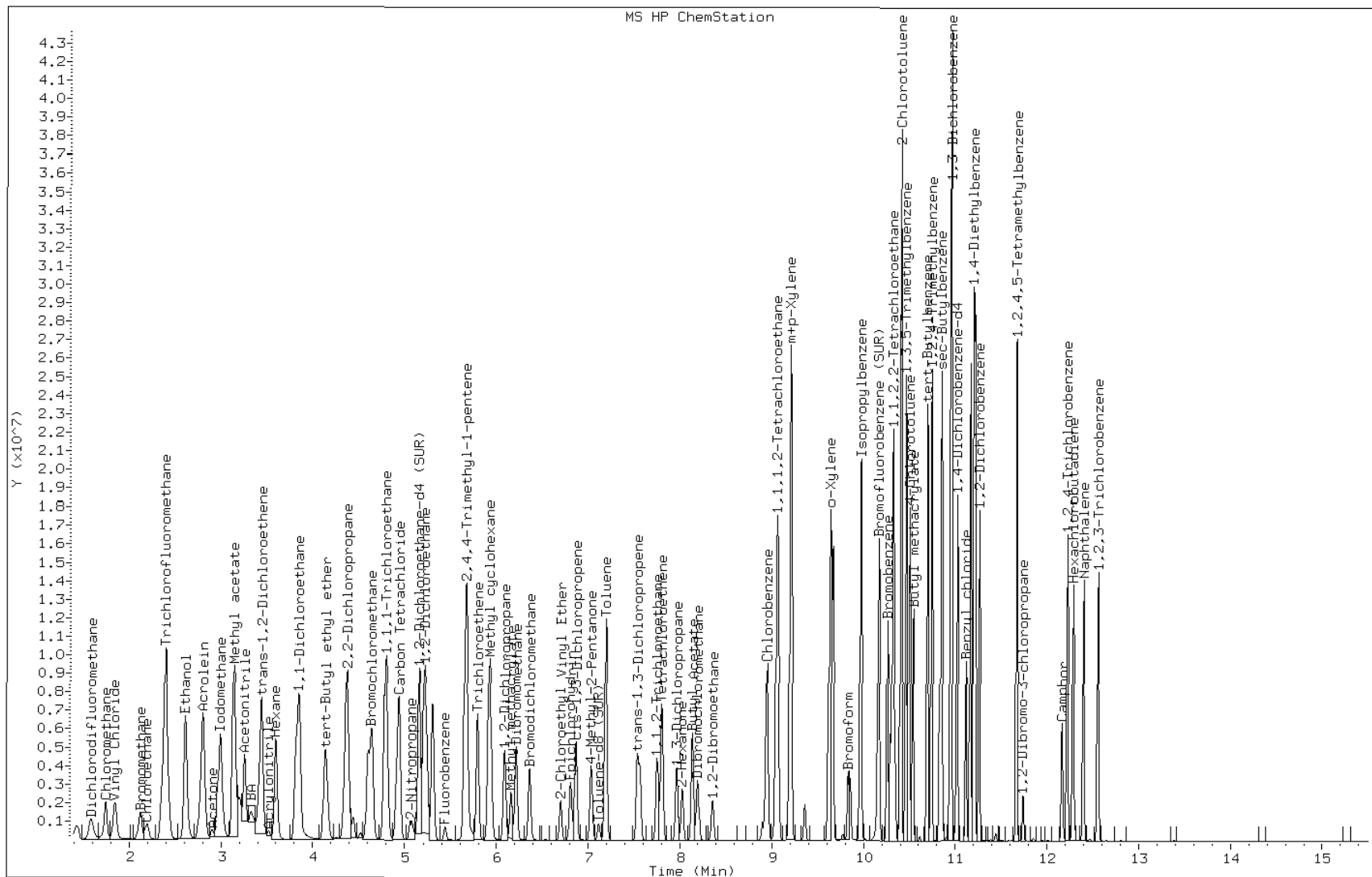
Date: 28-AUG-2012 00:06

Client ID:

Instrument: VOAMS9.i

Sample Info: IC-VMCAL6

Operator: VOAMS 9

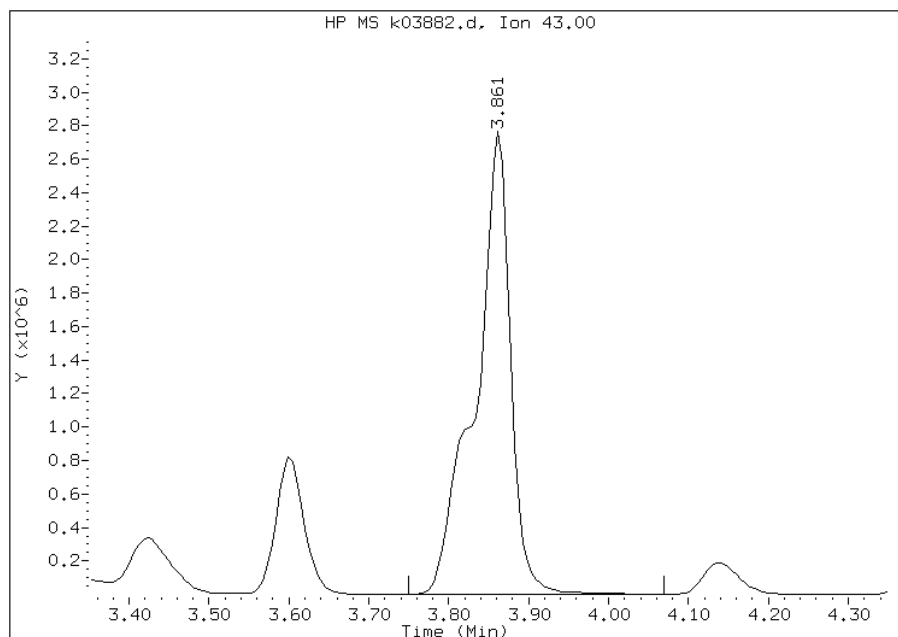


Manual Integration Report

Data File: k03882.d
Inj. Date and Time: 28-AUG-2012 00:06
Instrument ID: VOAMS9.i
Client ID:
Compound: 57 Vinyl Acetate
CAS #: 108-05-4
Report Date: 08/28/2012

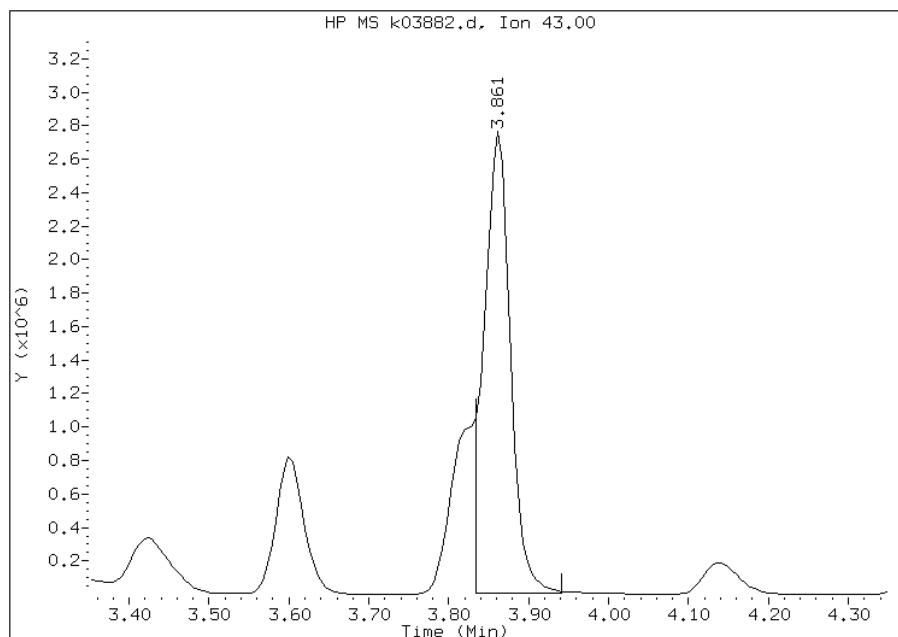
Processing Integration Results

RT: 3.86
Response: 8416963
Amount: 873
Conc: 873



Manual Integration Results

RT: 3.86
Response: 6286599
Amount: 767
Conc: 767



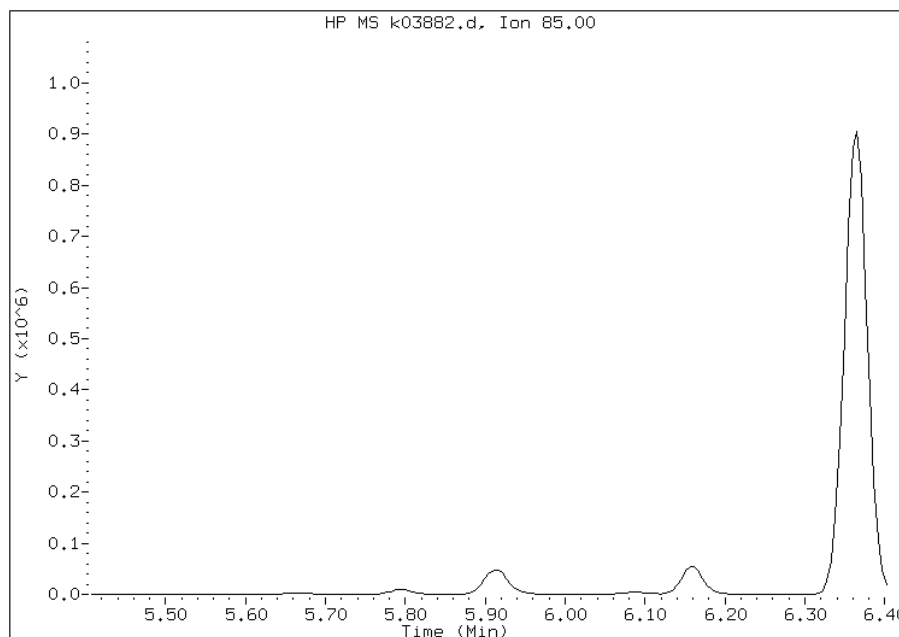
Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: k03882.d
Inj. Date and Time: 28-AUG-2012 00:06
Instrument ID: VOAMS9.i
Client ID:
Compound: 96 Ethyl Acrylate
CAS #: 140-88-5
Report Date: 08/28/2012

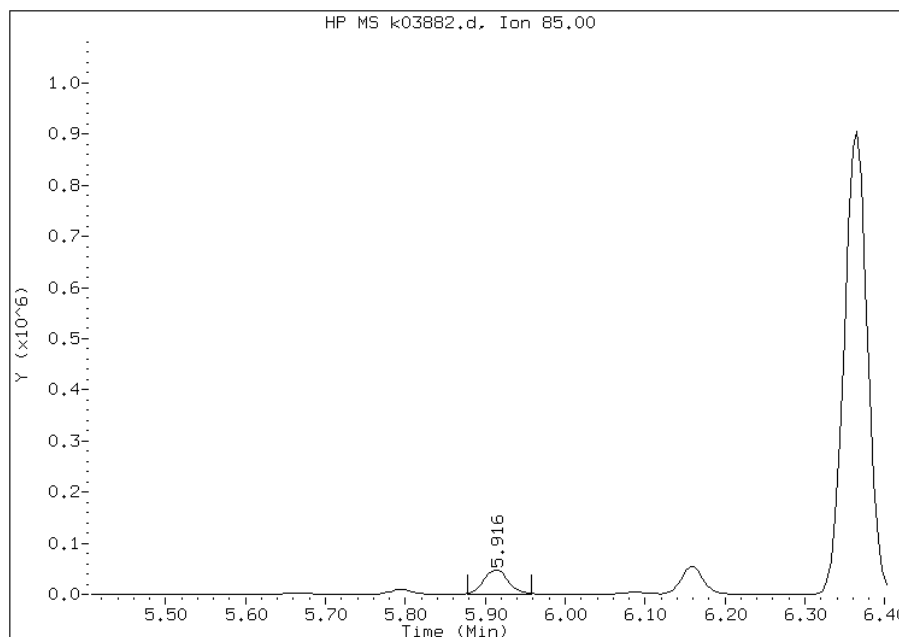
Processing Integration Results

RT: 4.44
Response: 266639
Amount: 516
Conc: 516



Manual Integration Results

RT: 5.92
Response: 99337
Amount: 295
Conc: 295



Manually Integrated By: vibha
Manual Integration Reason: Analyte Misidentified by the Data System

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03887.d
 Report Date: 28-Aug-2012 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03887.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 28-AUG-2012 02:19
 Operator : VOAMS 9
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/8260L_10.m
 Meth Date : 28-Aug-2012 13:44 vibha
 Cal Date : 28-AUG-2012 02:19
 Als bottle: 15
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File: k03887.d
 Calibration Sample, Level: 2
 Compound Sublist: all.sub

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
90 Dichlorodifluoromethane	85	1.577	1.572	(0.290)	21757	5.00000	5.3
1 Chloromethane	50	1.727	1.727	(0.318)	29069	5.00000	6.2
4 Vinyl Chloride	62	1.834	1.829	(0.337)	29524	5.00000	5.0
3 Bromomethane	94	2.112	2.112	(0.389)	13960	5.00000	5.9
5 Chloroethane	64	2.176	2.187	(0.400)	10892	5.00000	4.7
9 Trichlorofluoromethane	101	2.369	2.385	(0.436)	32364	5.00000	4.5
121 n-Pentane	72	2.390	2.385	(0.440)	5911	10.0000	9.0
127 Ethanol	46	2.562	2.551	(0.471)	36367	2000.00	2100
46 Ethyl Ether	59	2.594	2.588	(0.477)	14272	5.00000	5.7
119 Isoprene	67	2.610	2.610	(0.480)	24367	5.00000	4.4
157 Dichlorofluoromethane	67	2.369	2.364	(0.436)	40041	5.00000	4.7
47 Acrolein	56	2.770	2.765	(0.510)	110317	200.000	230
10 1,1-Dichloroethene	96	2.797	2.797	(0.515)	16537	5.00000	4.8
48 Freon TF	101	2.792	2.786	(0.514)	19927	5.00000	4.3

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03887.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.893	2.893	(0.532)	21317	15.0000	22
142 Iodomethane	142	2.957	2.952	(0.544)	37659	5.00000	4.9
8 Carbon Disulfide	76	2.990	2.990	(0.550)	70818	5.00000	4.8
50 Acetonitrile	41	3.193	3.193	(0.588)	44822	100.000	120
125 Methyl acetate	74	3.134	3.134	(0.577)	3424	5.00000	5.4
6 Methylene Chloride	84	3.252	3.246	(0.598)	23130	5.00000	6.3
51 TBA	59	3.332	3.311	(0.613)	42180	100.000	110
52 Acrylonitrile	53	3.519	3.514	(0.648)	121006	100.000	110
12 trans-1,2-Dichloroethene	96	3.444	3.439	(0.634)	19854	5.00000	4.8
53 MTBE	73	3.423	3.417	(0.630)	52015	5.00000	5.2
54 Hexane	56	3.594	3.599	(0.661)	11368	5.00000	4.0
11 1,1-Dichloroethane	63	3.845	3.840	(0.708)	35008	5.00000	5.1
57 Vinyl Acetate	43	3.856	3.851	(0.710)	59741	10.0000	9.7(M)
55 DIPE	45	3.813	3.808	(0.702)	56942	5.00000	5.0
149 tert-Butyl ethyl ether	59	4.134	4.129	(0.761)	58033	5.00000	5.2
104 2,2-Dichloropropane	77	4.343	4.343	(0.799)	29341	5.00000	4.6
13 cis-1,2-Dichloroethene	96	4.364	4.364	(0.803)	22638	5.00000	5.0
18 2-Butanone	72	4.386	4.375	(0.807)	5872	15.0000	18
56 Ethyl Acetate	70	4.386	4.386	(0.807)	3940	10.0000	12
108 Bromochloromethane	128	4.594	4.594	(0.845)	10764	5.00000	5.3
160 Tetrahydrofuran	42	4.600	4.594	(0.846)	7788	5.00000	9.4
15 Chloroform	83	4.648	4.643	(0.855)	34251	5.00000	5.1
20 1,1,1-Trichloroethane	97	4.803	4.798	(0.884)	28538	5.00000	4.6
59 Cyclohexane	56	4.792	4.787	(0.882)	30629	5.00000	4.2
21 Carbon Tetrachloride	117	4.921	4.915	(0.905)	23264	5.00000	4.6
92 1,1-Dichloropropene	75	4.942	4.942	(0.909)	25977	5.00000	4.6
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.162	5.156	(0.950)	146883	50.0000	52
28 Benzene	78	5.145	5.145	(0.947)	81169	5.00000	5.0
17 1,2-Dichloroethane	62	5.236	5.231	(0.964)	21832	5.00000	5.2
61 Isopropyl Acetate	43	5.204	5.199	(0.958)	76699	10.0000	11
140 tert-Amylmethyl Ether	73	5.210	5.210	(0.959)	53431	5.00000	5.3
* 69 Fluorobenzene	96	5.434	5.434	(1.000)	602338	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.643	5.654	(1.038)	9911	10.0000	6.6
25 Trichloroethene	95	5.787	5.787	(1.065)	19221	5.00000	4.8
63 n-Butanol	43	5.723	5.723	(1.053)	50468	1000.00	1000
96 Ethyl Acrylate	85	5.910	5.905	(1.088)	979	5.00000	4.5(M)
126 Methyl cyclohexane	83	5.921	5.921	(1.090)	31248	5.00000	3.9
23 1,2-Dichloropropane	63	6.082	6.082	(1.119)	18425	5.00000	5.0
109 Dibromomethane	93	6.215	6.210	(1.144)	10822	5.00000	5.1
95 1,4-Dioxane	88	6.205	6.189	(1.142)	3990	100.000	97
146 Methyl methacrylate	69	6.151	6.157	(1.132)	10142	5.00000	5.2
64 Propyl Acetate	43	6.205	6.210	(1.142)	18782	10.0000	11
22 Bromodichloromethane	83	6.360	6.354	(1.170)	22477	5.00000	5.0
30 2-Chloroethyl Vinyl Ether	63	6.697	6.692	(1.232)	8211	5.00000	4.8
159 2-Nitropropane	41	5.060	5.060	(0.931)	239039	10.0000	(a)
118 Epichlorohydrin	57	6.809	6.804	(1.253)	29213	100.000	100
24 cis-1,3-Dichloropropene	75	6.863	6.863	(1.263)	27090	5.00000	4.9

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03887.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.029	7.023	(1.293)	41216	15.0000	16
\$ 37 Toluene-d8 (SUR)	98	7.114	7.109	(0.799)	574907	50.0000	51
38 Toluene	91	7.189	7.189	(0.807)	88344	5.00000	5.0
29 trans-1,3-Dichloropropene	75	7.531	7.531	(0.846)	22285	5.00000	5.0
27 1,1,2-Trichloroethane	83	7.756	7.745	(0.871)	12475	5.00000	5.0
35 Tetrachloroethene	166	7.804	7.799	(0.876)	20615	5.00000	4.6
103 1,3-Dichloropropane	76	7.965	7.965	(0.894)	22807	5.00000	5.0
34 2-Hexanone	43	8.024	8.029	(0.901)	26259	15.0000	16
26 Dibromochloromethane	129	8.200	8.195	(0.921)	15071	5.00000	4.8
65 Butyl Acetate	43	8.141	8.141	(0.914)	44124	10.0000	12
66 1,2-Dibromoethane	107	8.355	8.355	(0.938)	15229	5.00000	5.2
* 32 Chlorobenzene-d5	117	8.906	8.901	(1.000)	429643	50.0000	
39 Chlorobenzene	112	8.944	8.938	(1.004)	52207	5.00000	4.9
97 1,1,1,2-Tetrachloroethane	131	9.056	9.061	(1.017)	18247	5.00000	4.8
40 Ethylbenzene	106	9.045	9.045	(1.016)	27514	5.00000	4.6
43 m+p-Xylene	106	9.195	9.195	(1.032)	67460	10.0000	9.2
44 o-Xylene	106	9.629	9.629	(1.081)	34886	5.00000	4.6
42 Styrene	104	9.655	9.655	(1.084)	55125	5.00000	4.7
147 Butyl Acrylate	55	9.607	9.607	(0.873)	25153	5.00000	4.7
31 Bromoform	173	9.853	9.853	(1.106)	9625	5.00000	4.8
145 Amyl Acetate	43	9.832	9.826	(1.104)	13472	5.00000	5.2
110 Isopropylbenzene	105	9.966	9.966	(1.119)	89367	5.00000	4.5
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	216145	50.0000	51
150 Camphene	41	10.158	10.158	(0.923)	5933	5.00000	4.0
107 Bromobenzene	156	10.254	10.254	(0.932)	24492	5.00000	5.0
36 1,1,2,2-Tetrachloroethane	83	10.287	10.287	(0.935)	21369	5.00000	5.4
99 1,2,3-Trichloropropane	110	10.335	10.329	(0.939)	5500	5.00000	5.3
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.904)	4226	5.00000	4.7
112 n-Propylbenzene	91	10.313	10.313	(0.937)	109315	5.00000	4.7
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	73943	5.00000	4.7
161 4-Ethyltoluene	105	10.410	10.410	(1.916)	88359	5.00000	4.6(a)
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	65725	5.00000	4.9
102 1,3,5-Trimethylbenzene	105	10.463	10.458	(0.951)	76046	5.00000	4.6
148 Butyl methacrylate	69	10.533	10.533	(0.957)	22670	5.00000	4.6
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	55816	5.00000	4.1
100 1,2,4-Trimethylbenzene	105	10.736	10.736	(0.976)	78908	5.00000	4.7
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	97118	5.00000	4.4
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	47787	5.00000	5.0
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	235411	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.014	(1.001)	47456	5.00000	5.0
113 p-Isopropyltoluene	119	10.950	10.945	(0.995)	84879	5.00000	4.6
117 Benzyl chloride	91	11.116	11.116	(1.010)	35372	5.00000	4.8
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	46962	5.00000	5.1
162 1,4-Diethylbenzene	119	11.196	11.196	(2.060)	53166	5.00000	4.6(a)
111 n-Butylbenzene	91	11.212	11.212	(1.019)	100609	5.00000	4.7
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	4069	5.00000	5.3
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.667	(2.147)	76351	5.00000	4.5(a)

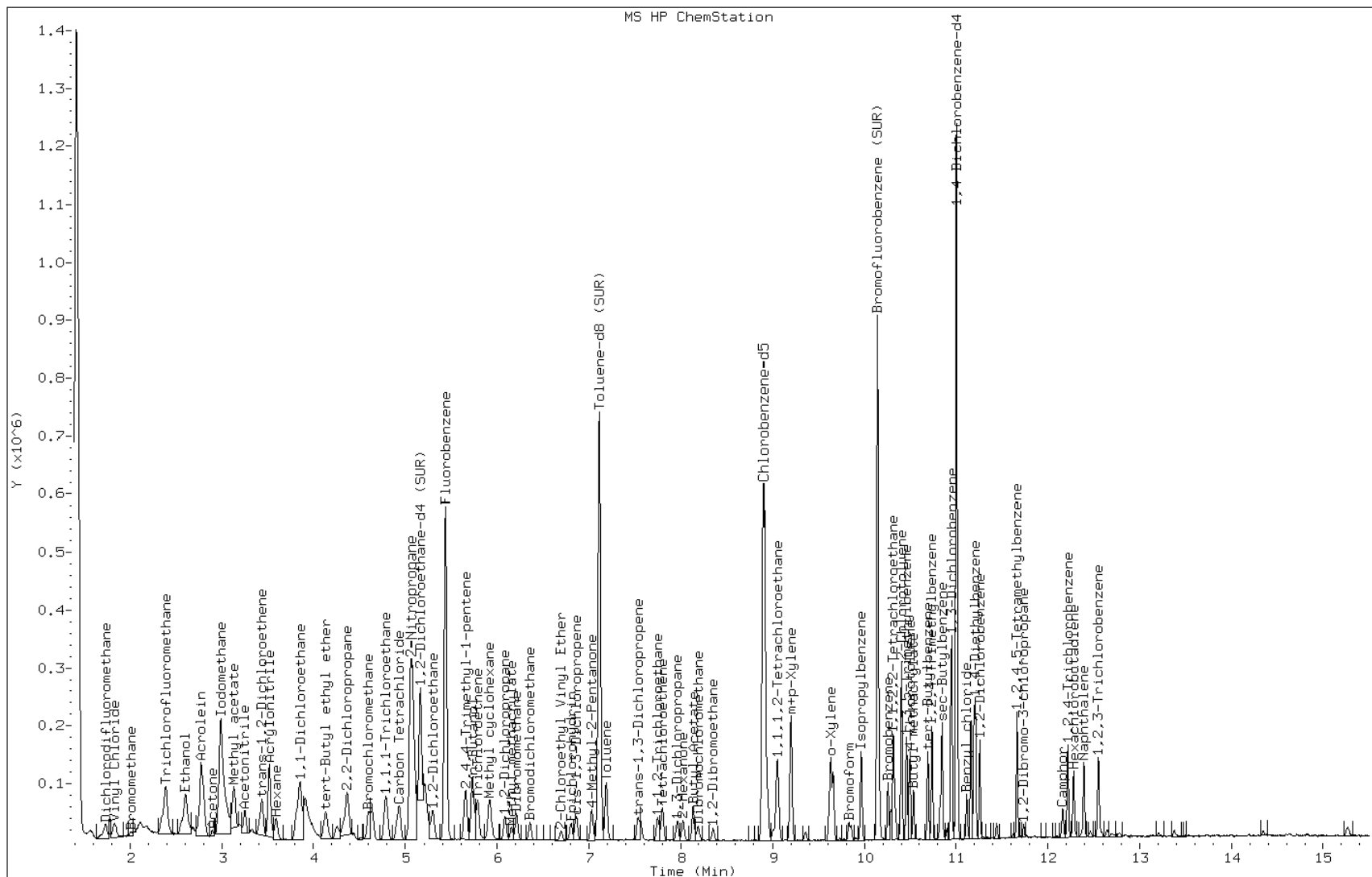
Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03887.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.164	12.170	(1.105)	10516	25.0000	26
93 1,2,4-Trichlorobenzene	180	12.223	12.223	(1.111)	38337	5.00000	5.5
94 Hexachlorobutadiene	225	12.287	12.287	(1.117)	17928	5.00000	4.5
70 Naphthalene	128	12.394	12.400	(1.126)	78459	5.00000	5.6
98 1,2,3-Trichlorobenzene	180	12.555	12.560	(1.141)	36330	5.00000	5.8
M 14 1,2-Dichloroethene (total)	100				42492	10.0000	9.9
M 45 Xylene (Total)	100				102346	15.0000	14

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Operator: VOAMS 9

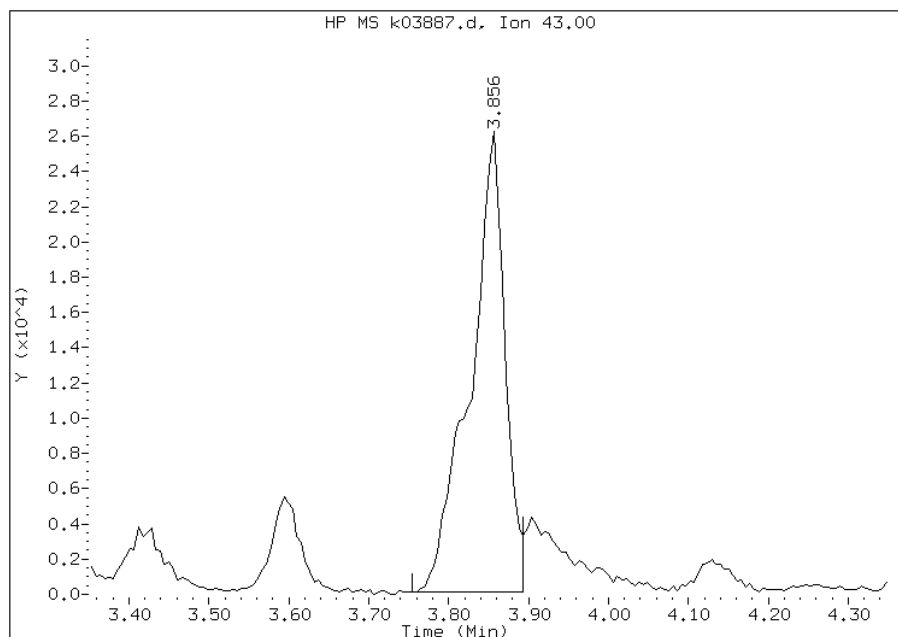


Manual Integration Report

Data File: k03887.d
Inj. Date and Time: 28-AUG-2012 02:19
Instrument ID: VOAMS9.i
Client ID:
Compound: 57 Vinyl Acetate
CAS #: 108-05-4
Report Date: 08/28/2012

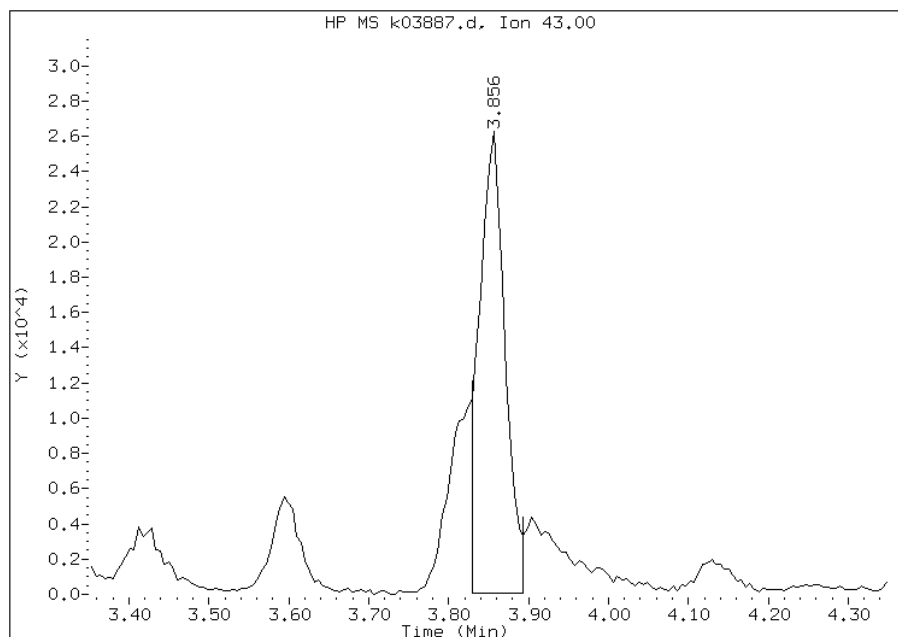
Processing Integration Results

RT: 3.86
Response: 79207
Amount: 10
Conc: 10



Manual Integration Results

RT: 3.86
Response: 59741
Amount: 10
Conc: 10



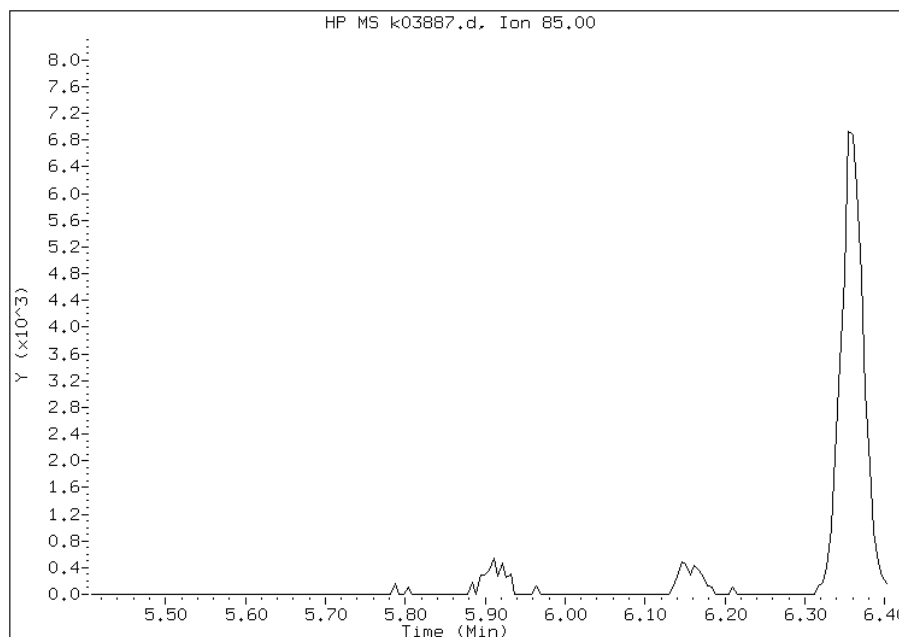
Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: k03887.d
Inj. Date and Time: 28-AUG-2012 02:19
Instrument ID: VOAMS9.i
Client ID:
Compound: 96 Ethyl Acrylate
CAS #: 140-88-5
Report Date: 08/28/2012

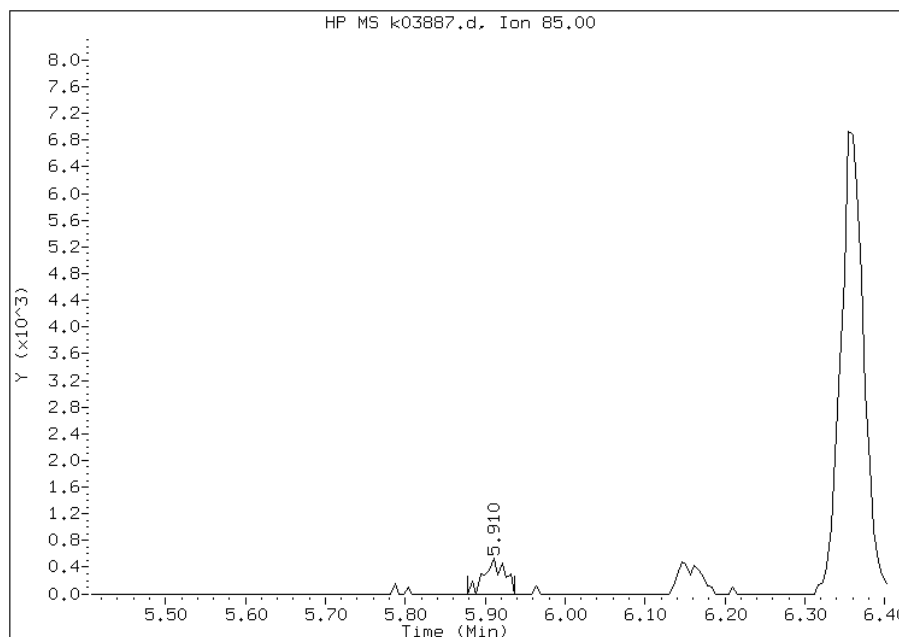
Processing Integration Results

RT: 4.44
Response: 2496
Amount: 6
Conc: 6



Manual Integration Results

RT: 5.91
Response: 979
Amount: 5
Conc: 5



Manually Integrated By: vibha
Manual Integration Reason: Analyte Misidentified by the Data System

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03888.d
 Report Date: 28-Aug-2012 13:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03888.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 28-AUG-2012 02:40
 Operator : VOAMS 9
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/8260L_10.m
 Meth Date : 28-Aug-2012 13:44 vibha
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File: k03888.d
 Calibration Sample, Level: 1
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
90 Dichlorodifluoromethane	85	1.566	1.572	(0.288)	4607	1.00000	1.1
1 Chloromethane	50	1.727	1.727	(0.318)	7032	1.00000	1.5
4 Vinyl Chloride	62	1.823	1.829	(0.335)	5891	1.00000	1.0
3 Bromomethane	94	2.107	2.112	(0.388)	3415	1.00000	1.5
5 Chloroethane	64	2.166	2.187	(0.398)	2392	1.00000	1.0
9 Trichlorofluoromethane	101	2.369	2.385	(0.436)	8207	1.00000	1.2
121 n-Pentane	72	2.385	2.385	(0.439)	1257	2.00000	1.9(a)
127 Ethanol	46	2.572	2.551	(0.473)	18054	1000.00	1100
46 Ethyl Ether	59	2.594	2.588	(0.477)	2503	1.00000	1.0
119 Isoprene	67	2.604	2.610	(0.479)	5189	1.00000	0.94(a)
157 Dichlorofluoromethane	67	2.369	2.364	(0.436)	9460	1.00000	1.1
47 Acrolein	56	2.765	2.765	(0.509)	44518	100.000	95(a)
10 1,1-Dichloroethene	96	2.791	2.797	(0.514)	3396	1.00000	1.0
48 Freon TF	101	2.786	2.786	(0.513)	4333	1.00000	0.95(a)

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03888.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.898	2.893 (0.533)		13890	10.0000	14
142 Iodomethane	142	2.952	2.952 (0.543)		7869	1.00000	1.0
8 Carbon Disulfide	76	2.984	2.990 (0.549)		14405	1.00000	0.99(a)
50 Acetonitrile	41	3.198	3.193 (0.588)		7578	20.0000	20
125 Methyl acetate	74	3.128	3.134 (0.576)		669	1.00000	1.1
6 Methylene Chloride	84	3.246	3.246 (0.597)		5490	1.00000	1.5
51 TBA	59	3.321	3.311 (0.611)		8211	20.0000	21
52 Acrylonitrile	53	3.514	3.514 (0.647)		49987	50.0000	48(a)
12 trans-1,2-Dichloroethene	96	3.433	3.439 (0.632)		4267	1.00000	1.1
53 MTBE	73	3.412	3.417 (0.628)		10467	1.00000	1.1
54 Hexane	56	3.594	3.599 (0.661)		2680	1.00000	0.95(a)
11 1,1-Dichloroethane	63	3.835	3.840 (0.706)		6821	1.00000	1.0
57 Vinyl Acetate	43	3.851	3.851 (0.709)		12510	2.00000	2.2(M)
55 DIPE	45	3.808	3.808 (0.701)		12362	1.00000	1.1
149 tert-Butyl ethyl ether	59	4.134	4.129 (0.761)		11928	1.00000	1.1
104 2,2-Dichloropropane	77	4.343	4.343 (0.799)		6519	1.00000	1.0
13 cis-1,2-Dichloroethene	96	4.359	4.364 (0.802)		4618	1.00000	1.0
18 2-Butanone	72	4.386	4.375 (0.807)		3283	10.0000	10
56 Ethyl Acetate	70	4.386	4.386 (0.807)		676	2.00000	2.0
108 Bromochloromethane	128	4.594	4.594 (0.845)		2104	1.00000	1.0
160 Tetrahydrofuran	42	4.589	4.594 (0.844)		2100	1.00000	2.6
15 Chloroform	83	4.642	4.643 (0.854)		6520	1.00000	0.98(a)
20 1,1,1-Trichloroethane	97	4.798	4.798 (0.883)		5869	1.00000	0.97(a)
59 Cyclohexane	56	4.782	4.787 (0.880)		6249	1.00000	0.88(a)
21 Carbon Tetrachloride	117	4.921	4.915 (0.905)		4898	1.00000	0.99(a)
92 1,1-Dichloropropene	75	4.942	4.942 (0.909)		5660	1.00000	1.0
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.156	5.156 (0.949)		138308	50.0000	50
28 Benzene	78	5.145	5.145 (0.947)		16413	1.00000	1.0
17 1,2-Dichloroethane	62	5.236	5.231 (0.964)		4454	1.00000	1.1
61 Isopropyl Acetate	43	5.199	5.199 (0.957)		15512	2.00000	2.3
140 tert-Amylmethyl Ether	73	5.204	5.210 (0.958)		9451	1.00000	0.95(a)
* 69 Fluorobenzene	96	5.434	5.434 (1.000)		590370	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.654 (1.040)		2214	2.00000	1.5(a)
25 Trichloroethene	95	5.793	5.787 (1.066)		3899	1.00000	0.99(a)
63 n-Butanol	43	5.723	5.723 (1.053)		20141	500.000	430(a)
96 Ethyl Acrylate	85	5.884	5.905 (1.083)		145	1.00000	0.85(aM)
126 Methyl cyclohexane	83	5.916	5.921 (1.089)		6531	1.00000	0.83(a)
23 1,2-Dichloropropane	63	6.076	6.082 (1.118)		3712	1.00000	1.0
109 Dibromomethane	93	6.199	6.210 (1.141)		2278	1.00000	1.1
95 1,4-Dioxane	88	6.194	6.189 (1.140)		1907	50.0000	47(a)
146 Methyl methacrylate	69	6.151	6.157 (1.132)		1970	1.00000	1.0
64 Propyl Acetate	43	6.210	6.210 (1.143)		4971	2.00000	3.0
22 Bromodichloromethane	83	6.360	6.354 (1.170)		4192	1.00000	0.96(a)
30 2-Chloroethyl Vinyl Ether	63	6.691	6.692 (1.231)		1815	1.00000	1.1
159 2-Nitropropane	41	5.065	5.060 (0.932)		96363	2.00000	(a)
118 Epichlorohydrin	57	6.804	6.804 (1.252)		5649	20.0000	20
24 cis-1,3-Dichloropropene	75	6.863	6.863 (1.263)		5414	1.00000	1.0

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03888.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.028	7.023	(1.293)	22506	10.0000	9.0(a)
\$ 37 Toluene-d8 (SUR)	98	7.114	7.109	(0.799)	553742	50.0000	50
38 Toluene	91	7.194	7.189	(0.808)	19838	1.00000	1.1
29 trans-1,3-Dichloropropene	75	7.531	7.531	(0.846)	4398	1.00000	1.0
27 1,1,2-Trichloroethane	83	7.751	7.745	(0.870)	2678	1.00000	1.1
35 Tetrachloroethene	166	7.809	7.799	(0.877)	4312	1.00000	0.98(a)
103 1,3-Dichloropropane	76	7.965	7.965	(0.894)	4592	1.00000	1.0
34 2-Hexanone	43	8.023	8.029	(0.901)	14861	10.0000	9.4(a)
26 Dibromochloromethane	129	8.200	8.195	(0.921)	3104	1.00000	1.0
65 Butyl Acetate	43	8.141	8.141	(0.914)	11310	2.00000	3.1
66 1,2-Dibromoethane	107	8.360	8.355	(0.939)	3034	1.00000	1.1
* 32 Chlorobenzene-d5	117	8.906	8.901	(1.000)	421281	50.0000	
39 Chlorobenzene	112	8.944	8.938	(1.004)	10783	1.00000	1.0
97 1,1,1,2-Tetrachloroethane	131	9.061	9.061	(1.017)	3711	1.00000	1.00
40 Ethylbenzene	106	9.045	9.045	(1.016)	5955	1.00000	1.0
43 m+p-Xylene	106	9.190	9.195	(1.032)	14186	2.00000	2.0
44 o-Xylene	106	9.628	9.629	(1.081)	7208	1.00000	0.98(a)
42 Styrene	104	9.660	9.655	(1.085)	11777	1.00000	1.0
147 Butyl Acrylate	55	9.612	9.607	(0.874)	5477	1.00000	1.0
31 Bromoform	173	9.853	9.853	(1.106)	1868	1.00000	0.96(a)
145 Amyl Acetate	43	9.826	9.826	(1.103)	2643	1.00000	1.0
110 Isopropylbenzene	105	9.965	9.966	(1.119)	17477	1.00000	0.91(a)
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	211150	50.0000	50
150 Camphene	41	10.153	10.158	(0.923)	1504	1.00000	1.0
107 Bromobenzene	156	10.260	10.254	(0.932)	5422	1.00000	1.1
36 1,1,2,2-Tetrachloroethane	83	10.286	10.287	(0.935)	3876	1.00000	0.98(a)
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	1143	1.00000	1.1
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.904)	1112	1.00000	1.2
112 n-Propylbenzene	91	10.313	10.313	(0.937)	21767	1.00000	0.95(a)
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	15822	1.00000	1.0
161 4-Ethyltoluene	105	10.409	10.410	(1.916)	18964	1.00000	1.0(a)
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	13779	1.00000	1.0
102 1,3,5-Trimethylbenzene	105	10.463	10.458	(0.951)	15444	1.00000	0.94(a)
148 Butyl methacrylate	69	10.532	10.533	(0.957)	4346	1.00000	0.88(a)
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	11824	1.00000	0.88(a)
100 1,2,4-Trimethylbenzene	105	10.741	10.736	(0.976)	15796	1.00000	0.96(a)
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	19667	1.00000	0.91(a)
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	10843	1.00000	1.1
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	233504	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.014	(1.001)	11452	1.00000	1.2
113 p-Isopropyltoluene	119	10.950	10.945	(0.995)	17166	1.00000	0.94(a)
117 Benzyl chloride	91	11.116	11.116	(1.010)	7794	1.00000	1.0
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	10358	1.00000	1.1
162 1,4-Diethylbenzene	119	11.196	11.196	(2.060)	10897	1.00000	0.97(a)
111 n-Butylbenzene	91	11.212	11.212	(1.019)	21605	1.00000	1.0
101 1,2-Dibromo-3-chloropropane	75	11.741	11.742	(1.067)	940	1.00000	1.2
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.667	(2.147)	17907	1.00000	1.1(a)

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03888.d
 Report Date: 28-Aug-2012 13:44

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.169	12.170	(1.106)	2245	5.00000	5.6
93 1,2,4-Trichlorobenzene	180	12.223	12.223	(1.111)	10197	1.00000	1.5
94 Hexachlorobutadiene	225	12.287	12.287	(1.117)	4224	1.00000	1.1
70 Naphthalene	128	12.394	12.400	(1.126)	20309	1.00000	1.4
98 1,2,3-Trichlorobenzene	180	12.555	12.560	(1.141)	9346	1.00000	1.5
M 14 1,2-Dichloroethene (total)	100				8885	2.00000	2.1
M 45 Xylene (Total)	100				21394	3.00000	3.0

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: k03888.d

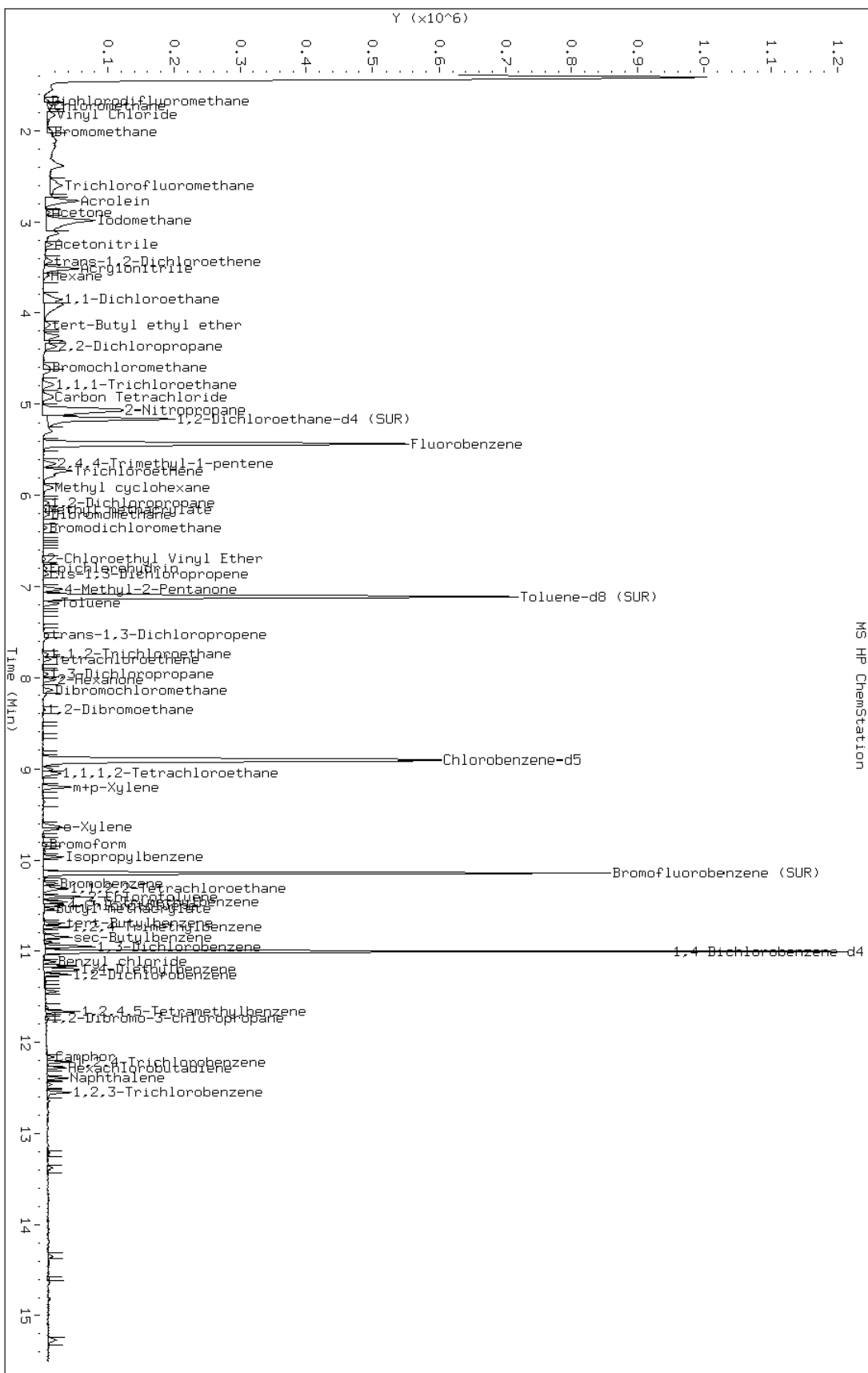
Date: 28-AUG-2012 02:40

Client ID:

Sample Info: IC-VMCAL1

Instrument: VOAMS9.i

Operator: VOAMS 9

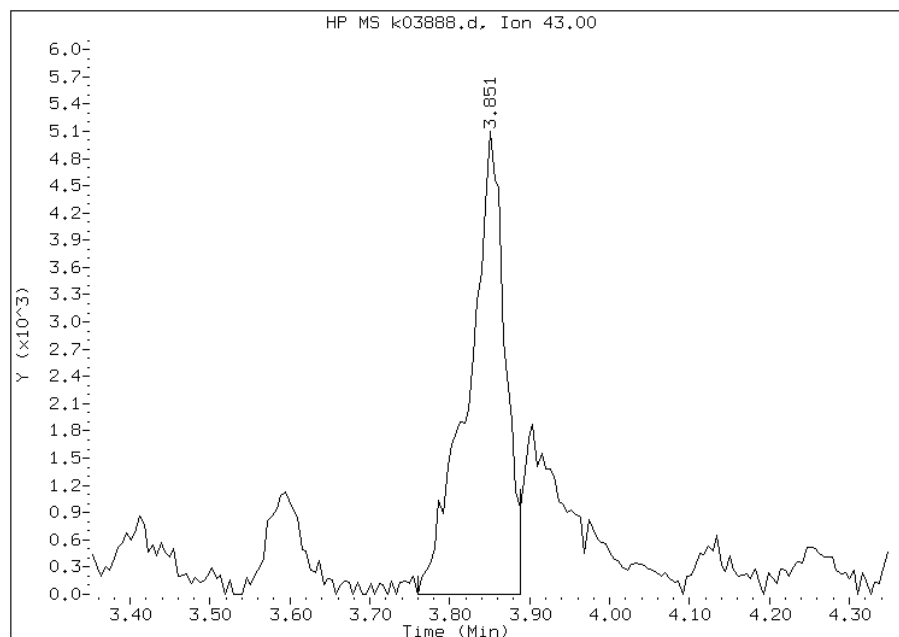


Manual Integration Report

Data File: k03888.d
Inj. Date and Time: 28-AUG-2012 02:40
Instrument ID: VOAMS9.i
Client ID:
Compound: 57 Vinyl Acetate
CAS #: 108-05-4
Report Date: 08/28/2012

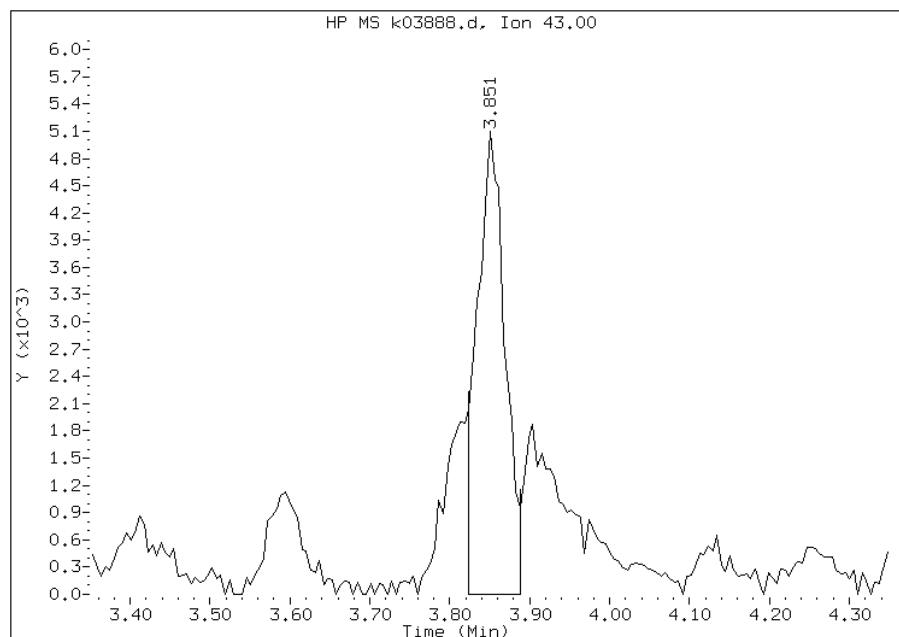
Processing Integration Results

RT: 3.85
Response: 16332
Amount: 2
Conc: 2



Manual Integration Results

RT: 3.85
Response: 12510
Amount: 2
Conc: 2



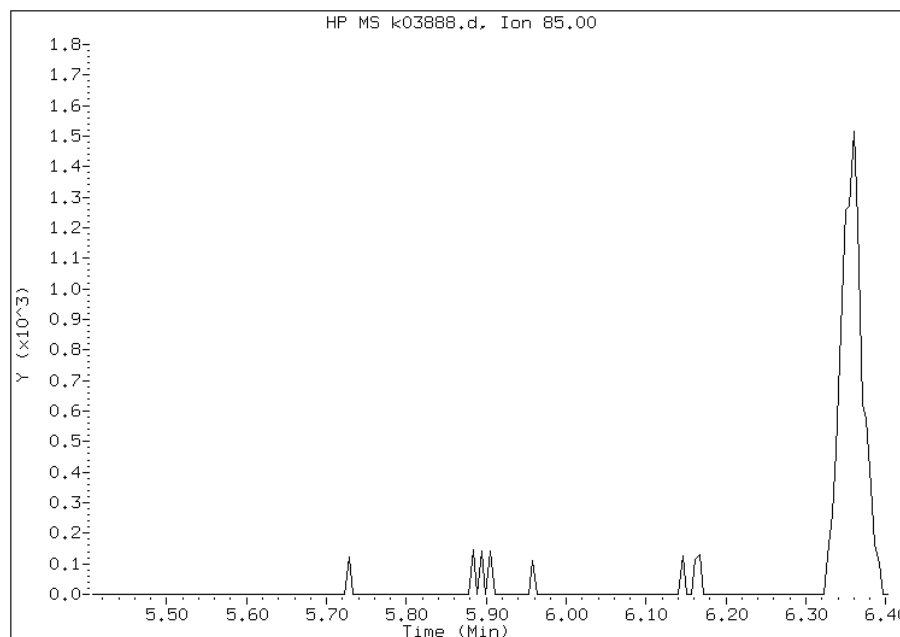
Manually Integrated By: vibha
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: k03888.d
Inj. Date and Time: 28-AUG-2012 02:40
Instrument ID: VOAMS9.i
Client ID:
Compound: 96 Ethyl Acrylate
CAS #: 140-88-5
Report Date: 08/28/2012

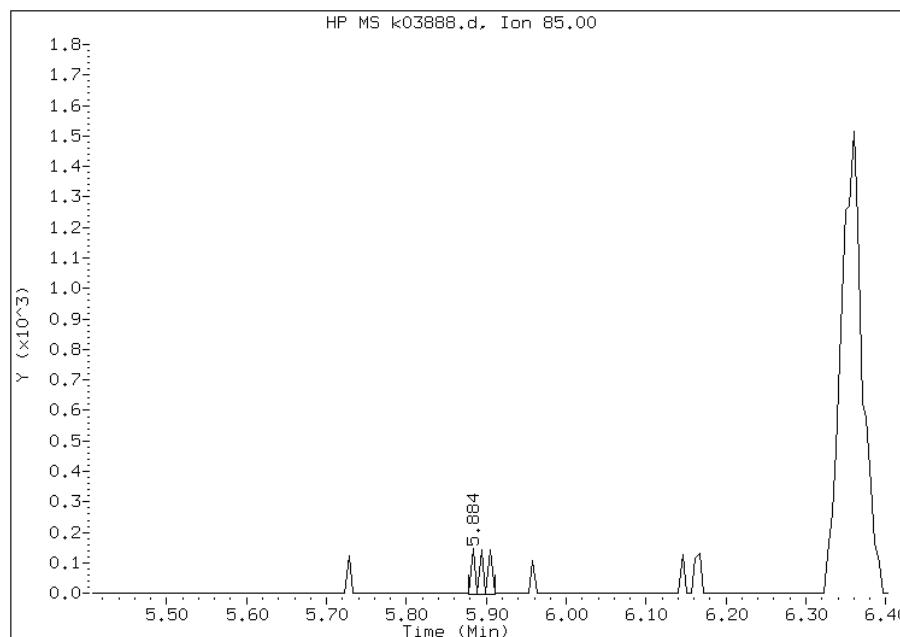
Processing Integration Results

RT: 4.43
Response: 389
Amount: 1
Conc: 1



Manual Integration Results

RT: 5.88
Response: 145
Amount: 1
Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Analyte Misidentified by the Data System

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Lab Sample ID: CCVIS 460-125772/2 Calibration Date: 08/27/2012 23:07

Instrument ID: VOAMS3 Calib Start Date: 08/14/2012 08:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/14/2012 16:08

Lab File ID: c70483.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1270	0.1072		16.9	20.0	-15.6	50.0
Chloromethane	Ave	0.1819	0.1465	0.1000	16.1	20.0	-19.5	50.0
Vinyl chloride	Ave	0.1628	0.1314		16.1	20.0	-19.3	20.0
Bromomethane	LinF	0.0932	0.0691		15.6	20.0	-22.2	50.0
Chloroethane	Ave	0.0896	0.0821		18.3	20.0	-8.4	50.0
Dichlorofluoromethane	Ave	0.2259	0.2177		19.3	20.0	-3.6	50.0
Trichlorofluoromethane	Ave	0.2007	0.1733		17.3	20.0	-13.7	50.0
n-Pentane	LinF	0.0145	0.0228		53.0	40.0	32.4	50.0
Ethanol	Ave	0.0012	0.0008		1940	3000	-35.4	50.0
Ethyl ether	Ave	0.1031	0.0981		19.0	20.0	-4.9	50.0
Isopropene	Ave	0.1382	0.1599		23.2	20.0	15.8	50.0
Freon TF	Ave	0.1030	0.0985		19.1	20.0	-4.3	50.0
Acrolein	Ave	0.0264	0.0170		25.7	40.0	-35.9	99.0
1,1-Dichloroethene	Ave	0.0822	0.0855		20.8	20.0	4.1	20.0
Acetone	LinF	0.0717	0.0529		18.4	20.0	-8.2	50.0
Iodomethane	LinF	0.1018	0.0667		9.13	20.0	-54.4*	50.0
Carbon disulfide	Ave	0.2015	0.3452		34.3	20.0	71.3*	50.0
Methyl acetate	Ave	0.1762	0.1522		17.3	20.0	-13.6	50.0
Cyclopentene	Ave	0.2368	0.2952		24.9	20.0	24.6	50.0
Acetonitrile	LinF	0.0054	0.0038		262	400	-34.5	50.0
Methylene Chloride	LinF	0.1226	0.1164		21.1	20.0	5.5	50.0
TBA	LinF	0.0228	0.0161		322	400	-19.4	50.0
MTBE	Ave	0.4038	0.3737		18.5	20.0	-7.4	50.0
trans-1,2-Dichloroethene	Ave	0.1068	0.1101		20.6	20.0	3.1	50.0
Acrylonitrile	Ave	0.0664	0.0534		16.1	20.0	-19.6	50.0
Hexane	Ave	0.0577	0.0813		28.1	20.0	40.7	50.0
DIPE	Ave	0.4662	0.3870		16.6	20.0	-17.0	50.0
1,1-Dichloroethane	Ave	0.2305	0.2099	0.1000	18.2	20.0	-9.0	50.0
Vinyl acetate	Ave	0.2782	0.2206		31.7	40.0	-20.7	50.0
Allyl alcohol	Ave	0.0048	0.0031		1920	3000	-35.9	50.0
Tert-butyl ethyl ether	Ave	0.4391	0.3814	0.0100	17.4	20.0	-13.1	50.0
2,2-Dichloropropane	Ave	0.2043	0.1877		18.4	20.0	-8.1	50.0
cis-1,2-Dichloroethene	Ave	0.1363	0.1336		19.6	20.0	-2.0	50.0
Ethyl acetate	LinF	0.0200	0.0167		36.1	40.0	-9.9	50.0
Methyl Ethyl Ketone	Ave	0.0255	0.0194		15.2	20.0	-23.9	50.0
Propionitrile	LinF	0.0319	0.0232		31.7	40.0	-20.8	50.0
Bromochloromethane	Ave	0.0706	0.0677		19.2	20.0	-4.1	50.0
Tetrahydrofuran	LinF	0.0860	0.0643		18.8	20.0	-5.9	50.0
Methacrylonitrile	Ave	0.1522	0.0642		16.9	40.0	-57.8*	50.0
Chloroform	Ave	0.2294	0.2197		19.2	20.0	-4.2	20.0
Cyclohexane	LinF	0.1729	0.1903		20.3	20.0	1.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Lab Sample ID: CCVIS 460-125772/2 Calibration Date: 08/27/2012 23:07

Instrument ID: VOAMS3 Calib Start Date: 08/14/2012 08:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/14/2012 16:08

Lab File ID: c70483.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Ave	0.1937	0.1794		18.5	20.0	-7.4	50.0
Carbon tetrachloride	Ave	0.1613	0.1461		18.1	20.0	-9.4	50.0
1,1-Dichloropropene	Ave	0.1784	0.1621		18.2	20.0	-9.1	50.0
Isobutyl alcohol	Ave	0.0106	0.0074		2090	3000	-30.3	50.0
Benzene	Ave	0.6444	0.6192		19.2	20.0	-3.9	50.0
Isopropyl acetate	Ave	0.4271	0.3563		33.4	40.0	-16.6	50.0
Tert-amyl methyl ether	Ave	0.4001	0.3707		18.5	20.0	-7.3	50.0
1,2-Dichloroethane	Ave	0.1963	0.1937		19.7	20.0	-1.3	50.0
n-Heptane	LinF	0.0707	0.0811		21.3	20.0	6.4	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.0386	0.0360		33.3	40.0	-16.9	50.0
n-Butanol	Ave	0.0050	0.0033		984	1500	-34.4	50.0
Trichloroethene	Ave	0.1305	0.1220		18.7	20.0	-6.5	50.0
Methylcyclohexane	LinF	0.1706	0.1856		19.9	20.0	-0.5	50.0
Ethyl acrylate	Ave	0.3711	0.3399		18.3	20.0	-8.4	50.0
1,2-Dichloropropane	Ave	0.1424	0.1329		18.7	20.0	-6.7	20.0
Methyl methacrylate	Ave	0.0492	0.0413		16.8	20.0	-16.2	50.0
1,4-Dioxane	Ave	0.0032	0.0021		101	150	-32.8	50.0
Dibromomethane	Ave	0.0891	0.0849		19.1	20.0	-4.7	50.0
Propyl acetate	Ave	0.1423	0.1128		31.7	40.0	-20.7	50.0
Bromodichloromethane	Ave	0.1842	0.1729		18.8	20.0	-6.1	50.0
2-Chloroethyl vinyl ether	Ave	0.0878	0.0757		17.2	20.0	-13.8	50.0
Epichlorohydrin	Ave	0.0241	0.0207		344	400	-13.9	50.0
cis-1,3-Dichloropropene	Ave	0.2861	0.2720		19.0	20.0	-4.9	50.0
methyl isobutyl ketone	Ave	0.2403	0.1836		15.3	20.0	-23.6	50.0
Toluene	Ave	0.7241	0.6748		18.6	20.0	-6.8	20.0
trans-1,3-Dichloropropene	Ave	0.2837	0.2539		17.9	20.0	-10.5	50.0
Ethyl methacrylate	Ave	0.2092	0.1718		16.4	20.0	-17.9	50.0
1,1,2-Trichloroethane	Ave	0.1420	0.1333		18.8	20.0	-6.2	50.0
Tetrachloroethene	Ave	0.1851	0.1611		17.4	20.0	-13.0	50.0
1,3-Dichloropropane	Ave	0.2962	0.2732		18.4	20.0	-7.8	50.0
2-Hexanone	Ave	0.1735	0.1323		15.3	20.0	-23.7	50.0
Butyl acetate	Ave	0.0584	0.0483		33.1	40.0	-17.4	50.0
Dibromochloromethane	Ave	0.1781	0.1702		19.1	20.0	-4.4	50.0
1,2-Dibromoethane	Ave	0.1806	0.1686		18.7	20.0	-6.7	50.0
Chlorobenzene	Ave	0.4772	0.4328	0.3000	18.1	20.0	-9.3	50.0
Ethylbenzene	Ave	0.2457	0.2230		18.2	20.0	-9.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.1761	0.1634		18.6	20.0	-7.2	50.0
m&p-Xylene	Ave	0.3153	0.2820		35.8	40.0	-10.6	50.0
Butyl acrylate	Ave	0.1469	0.1223		16.7	20.0	-16.7	50.0
o-Xylene	Ave	0.3147	0.2854		18.1	20.0	-9.3	50.0
Styrene	Ave	0.5350	0.5003		18.7	20.0	-6.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Lab Sample ID: CCVIS 460-125772/2 Calibration Date: 08/27/2012 23:07

Instrument ID: VOAMS3 Calib Start Date: 08/14/2012 08:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/14/2012 16:08

Lab File ID: c70483.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Amly acetate	Ave	0.4424	0.3439		15.5	20.0	-22.3	50.0
Bromoform	Ave	0.1384	0.1306	0.1000	18.9	20.0	-5.6	50.0
Isopropylbenzene	Ave	0.7803	0.6489		16.6	20.0	-16.9	50.0
Camphene, Total	Ave	0.0713	0.0599		16.8	20.0	-16.0	50.0
Monobromobenzene	Ave	0.4204	0.3810		18.1	20.0	-9.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.4616	0.4295	0.3000	18.6	20.0	-7.0	50.0
N-Propylbenzene	Ave	1.751	1.467		16.8	20.0	-16.2	50.0
1,2,3-Trichloropropane	Ave	0.1490	0.1351		18.1	20.0	-9.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1606	0.1318		16.4	20.0	-17.9	50.0
p-Ethyltoluene	Ave	0.5305	0.5624		21.2	20.0	6.0	50.0
2-Chlorotoluene	Ave	1.182	1.064		18.0	20.0	-10.0	50.0
1,3,5-Trimethylbenzene	Ave	1.224	1.044		17.0	20.0	-14.8	50.0
4-Chlorotoluene	Ave	1.094	0.9762		17.8	20.0	-10.8	50.0
Butyl Methacrylate	Ave	0.4555	0.3735		16.4	20.0	-18.0	50.0
tert-Butylbenzene	Ave	1.074	0.8271		15.4	20.0	-23.0	50.0
1,2,4-Trimethylbenzene	Ave	1.254	1.141		18.2	20.0	-9.0	50.0
sec-Butylbenzene	Ave	1.566	1.181		15.1	20.0	-24.6	50.0
p-Isopropyltoluene	Ave	1.323	1.025		15.5	20.0	-22.6	50.0
1,3-Dichlorobenzene	Ave	0.7526	0.6881		18.3	20.0	-8.6	50.0
1,4-Dichlorobenzene	Ave	0.7925	0.7241		18.3	20.0	-8.6	50.0
Benzyl chloride	Ave	0.9025	0.8240		18.3	20.0	-8.7	50.0
Indan	Ave	0.5920	0.5372		18.1	20.0	-9.3	50.0
1,4-Diethylbenzene	Ave	0.3667	0.3316		18.1	20.0	-9.6	50.0
n-Butylbenzene	Ave	1.508	1.178		15.6	20.0	-21.9	50.0
1,2-Dichlorobenzene	Ave	0.7314	0.6769		18.5	20.0	-7.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	0.5281	0.4681		17.7	20.0	-11.4	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1114	0.0935		16.8	20.0	-16.1	50.0
1,2,4-Trichlorobenzene	Ave	0.5025	0.4657		18.5	20.0	-7.3	50.0
Hexachlorobutadiene	Ave	0.2883	0.1759		12.2	20.0	-39.0	50.0
Naphthalene	LinF	1.373	1.268		22.2	20.0	11.0	50.0
1,2,3-Trichlorobenzene	LinF	0.4464	0.4088		21.1	20.0	5.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2847	0.3288		57.7	50.0	15.5	50.0
Toluene-d8 (Surr)	Ave	1.040	1.165		56.0	50.0	12.0	50.0
4-Bromofluorobenzene	Ave	0.8130	0.8629		53.1	50.0	6.1	50.0

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70483.d
 Report Date: 27-Aug-2012 23:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70483.d
 Lab Smp Id: CCVIS
 Inj Date : 27-AUG-2012 23:07
 Operator : Inst ID: VOAMS3.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/8260_09.m
 Meth Date : 27-Aug-2012 23:51 ken Quant Type: ISTD
 Cal Date : 14-AUG-2012 16:08 Cal File: c69971.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	1.520	1.520	(0.262)	29976	20.0000	17
3 Chloromethane	50	1.721	1.721	(0.296)	40957	20.0000	16
4 Vinyl Chloride	62	1.794	1.794	(0.309)	36738	20.0000	16
6 Bromomethane	94	2.074	2.074	(0.357)	19326	20.0000	16
5 Chloroethane	64	2.171	2.171	(0.374)	22957	20.0000	18
180 Dichlorofluoromethane	67	2.372	2.372	(0.408)	60880	20.0000	19
7 Trichlorofluoromethane	101	2.378	2.378	(0.409)	48462	20.0000	17
8 n-Pentane	72	2.427	2.427	(0.418)	12748	40.0000	53
9 Ethanol	46	2.597	2.597	(0.447)	32753	3000.00	1900
10 Isoprene	67	2.652	2.652	(0.456)	44720	20.0000	23
11 Ethyl Ether	59	2.640	2.640	(0.454)	27438	20.0000	19
13 Acrolein	56	2.822	2.822	(0.486)	9483	40.0000	26
15 1,1-Dichloroethene	96	2.852	2.852	(0.491)	23904	20.0000	21
14 Freon TF	101	2.810	2.810	(0.484)	27554	20.0000	19
16 Acetone	43	2.956	2.956	(0.509)	14778	20.0000	18
17 Iodomethane	142	3.017	3.017	(0.519)	18648	20.0000	9.1

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70483.d
 Report Date: 27-Aug-2012 23:51

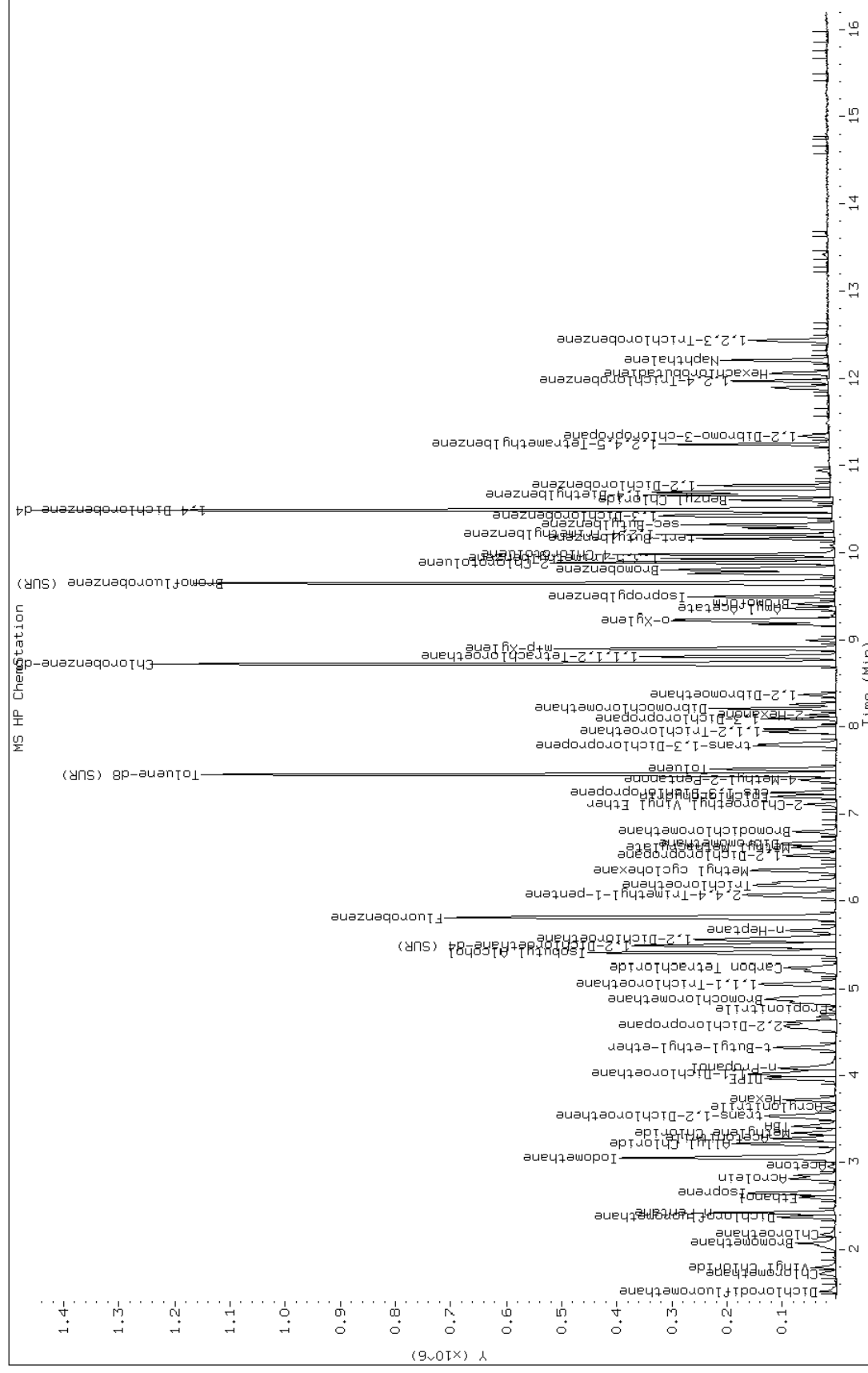
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	3.053	3.053	(0.526)	96523	20.0000	34
20 Allyl Chloride	76	3.199	3.199	(0.551)	17844	20.0000	22
21 Acetonitrile	39	3.278	3.278	(0.564)	20995	400.000	260
170 Cyclopentene	67	3.224	3.224	(0.555)	82542	20.0000	25
27 Methyl Acetate	43	3.218	3.218	(0.554)	42567	20.0000	17
22 Methylene Chloride	84	3.339	3.339	(0.575)	32538	20.0000	21
24 TBA	59	3.418	3.418	(0.588)	90277	400.000	320
25 trans-1,2-Dichloroethene	96	3.546	3.546	(0.610)	30782	20.0000	21
26 Acrylonitrile	53	3.637	3.637	(0.626)	14918	20.0000	16
28 MTBE	73	3.522	3.522	(0.606)	104504	20.0000	18
29 Hexane	56	3.722	3.722	(0.641)	22720	20.0000	28
30 1,1-Dichloroethane	63	3.996	3.996	(0.688)	58687	20.0000	18
31 Vinyl Acetate	43	4.014	4.014	(0.691)	123395	40.0000	32
32 DIPE	45	3.966	3.966	(0.683)	108206	20.0000	17
33 Allyl Alcohol	57	4.033	4.033	(0.694)	128751	3000.00	1900
34 n-Propanol	60	4.087	4.087	(0.704)	25720	3000.00	2000
35 t-Butyl-ethyl-ether	59	4.325	4.325	(0.744)	106650	20.0000	17
37 2,2-Dichloropropane	77	4.556	4.556	(0.784)	52481	20.0000	18
36 cis-1,2-Dichloroethene	96	4.580	4.580	(0.788)	37366	20.0000	20
38 2-Butanone	72	4.617	4.617	(0.795)	5423	20.0000	15
39 Ethyl Acetate	70	4.617	4.617	(0.795)	9332	40.0000	36
40 Bromochloromethane	128	4.842	4.842	(0.833)	18932	20.0000	19
41 Tetrahydrofuran	42	4.848	4.848	(0.835)	17989	20.0000	19
42 Chloroform	83	4.903	4.903	(0.844)	61430	20.0000	19
43 1,1,1-Trichloroethane	97	5.061	5.061	(0.871)	50174	20.0000	18
44 Cyclohexane	56	5.049	5.049	(0.869)	53200	20.0000	20
45 Carbon Tetrachloride	117	5.207	5.207	(0.896)	40849	20.0000	18
46 1,1-Dichloropropene	75	5.243	5.243	(0.903)	45336	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.493	5.493	(0.946)	229865	50.0000	58
48 Benzene	78	5.475	5.475	(0.628)	137800	20.0000	19
173 Propionitrile	54	4.763	4.763	(0.820)	12966	40.0000	32
49 1,2-Dichloroethane	62	5.578	5.578	(0.960)	54160	20.0000	20
181 Isobutyl Alcohol	43	5.402	5.402	(0.930)	310091	3000.00	2100
174 Methacrylonitrile	67	4.884	4.884	(0.841)	35884	20.0000	17
51 n-Heptane	57	5.663	5.663	(0.975)	22664	20.0000	21
50 t-Amyl-methyl-ether	73	5.554	5.554	(0.956)	103665	20.0000	18
61 Isopropyl Acetate	43	5.554	5.554	(0.956)	199280	40.0000	33
* 52 Fluorobenzene	96	5.809	5.809	(1.000)	699070	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	6.065	6.065	(1.044)	20128	40.0000	33
54 Trichloroethene	95	6.217	6.217	(1.070)	34120	20.0000	19
53 n-Butanol	41	6.180	6.180	(1.064)	69354	1500.00	980
56 Methyl cyclohexane	83	6.351	6.351	(1.093)	51905	20.0000	20
55 Ethyl Acrylate	55	6.357	6.357	(1.094)	95053	20.0000	18
57 1,2-Dichloropropane	63	6.521	6.521	(1.123)	37150	20.0000	19
58 Dibromomethane	93	6.649	6.649	(1.145)	23745	20.0000	19
60 1,4-Dioxane	88	6.649	6.649	(1.145)	4480	150.000	100
59 Methyl Methacrylate	100	6.612	6.612	(1.138)	11541	20.0000	17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	6.667	6.667	(1.148)	63102	40.0000	32
68 Bromodichloromethane	83	6.795	6.795	(1.170)	48350	20.0000	19
62 2-Chloroethyl Vinyl Ether	63	7.111	7.111	(1.224)	21172	20.0000	17
63 Epichlorohydrin	57	7.202	7.202	(0.826)	92227	400.000	340
67 cis-1,3-Dichloropropene	75	7.251	7.251	(0.831)	60529	20.0000	19
70 4-Methyl-2-Pentanone	43	7.391	7.391	(0.847)	40851	20.0000	15
\$ 65 Toluene-d8 (SUR)	98	7.452	7.452	(0.854)	648312	50.0000	56
66 Toluene	91	7.519	7.519	(0.862)	150162	20.0000	19
64 trans-1,3-Dichloropropene	75	7.786	7.786	(0.893)	56491	20.0000	18
69 1,1,2-Trichloroethane	83	7.944	7.944	(0.911)	29656	20.0000	19
71 Tetrachloroethene	166	7.981	7.981	(0.915)	35853	20.0000	17
175 Ethyl methacrylate	69	7.811	7.811	(1.345)	48041	20.0000	16
72 1,3-Dichloropropane	76	8.097	8.097	(0.928)	60802	20.0000	18
73 2-Hexanone	43	8.139	8.139	(0.933)	29442	20.0000	15
74 Dibromochloromethane	129	8.255	8.255	(0.946)	37884	20.0000	19
76 Butyl Acetate	73	8.212	8.212	(0.941)	21496	40.0000	33
77 1,2-Dibromoethane	107	8.370	8.370	(0.960)	37520	20.0000	19
* 78 Chlorobenzene-d5	117	8.723	8.723	(1.000)	556339	50.0000	
79 Chlorobenzene	112	8.747	8.747	(1.003)	96318	20.0000	18
80 1,1,1,2-Tetrachloroethane	131	8.820	8.820	(1.011)	36360	20.0000	18
81 Ethylbenzene	106	8.808	8.808	(1.010)	49631	20.0000	18
82 m+p-Xylene	106	8.900	8.900	(1.020)	125522	40.0000	36
84 o-Xylene	106	9.216	9.216	(1.056)	63519	20.0000	18
85 Styrene	104	9.240	9.240	(1.059)	111327	20.0000	19
83 Butyl Acrylate	73	9.185	9.185	(1.053)	27222	20.0000	17
86 Bromoform	173	9.405	9.405	(1.078)	29066	20.0000	19
87 Amyl Acetate	43	9.350	9.350	(0.892)	41213	20.0000	16
88 Isopropylbenzene	105	9.490	9.490	(1.088)	144392	20.0000	17
\$ 89 Bromofluorobenzene (SUR)	174	9.648	9.648	(0.920)	258547	50.0000	53
90 Camphene (total)	41	9.666	9.666	(1.108)	13332	20.0000	17
91 Bromobenzene	156	9.757	9.757	(0.931)	45660	20.0000	18
92 1,1,2,2-Tetrachloroethane	83	9.770	9.770	(0.932)	51475	20.0000	19
93 1,2,3-Trichloropropane	110	9.812	9.812	(0.936)	16196	20.0000	18
94 trans-1,4-Dichloro-2-butene	53	9.818	9.818	(0.937)	15798	20.0000	16
95 n-Propylbenzene	91	9.794	9.794	(0.934)	175869	20.0000	17
96 2-Chlorotoluene	91	9.885	9.885	(0.943)	127461	20.0000	18
97 1,3,5-Trimethylbenzene	105	9.928	9.928	(0.947)	125077	20.0000	17
98 4-Chlorotoluene	91	9.970	9.970	(0.951)	116990	20.0000	18
99 Butyl Methacrylate	87	9.982	9.982	(0.952)	44764	20.0000	16
184 4-Ethyltoluene	105	9.879	9.879	(1.701)	157271	20.0000	21
100 tert-Butylbenzene	119	10.159	10.159	(0.969)	99125	20.0000	15
101 1,2,4-Trimethylbenzene	105	10.201	10.201	(0.973)	136773	20.0000	18
103 sec-Butylbenzene	105	10.317	10.317	(0.984)	141535	20.0000	15
105 1,3-Dichlorobenzene	146	10.433	10.433	(0.995)	82462	20.0000	18
107 p-Isopropyltoluene	119	10.414	10.414	(0.994)	122823	20.0000	15
* 108 1,4-Dichlorobenzene-d4	152	10.481	10.481	(1.000)	299612	50.0000	
109 1,4-Dichlorobenzene	146	10.500	10.500	(1.002)	86785	20.0000	18

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70483.d
 Report Date: 27-Aug-2012 23:51

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====		=====	=====
110 Benzyl Chloride	91	10.603	10.603	(1.012)	98752		20.0000	18
183 1,4-Diethylbenzene	119	10.682	10.682	(1.839)	92721		20.0000	18
106 n-Butylbenzene	91	10.706	10.706	(1.021)	141123		20.0000	16
171 Indan	117	10.658	10.658	(1.835)	150216		20.0000	18
111 1,2-Dichlorobenzene	146	10.773	10.773	(1.028)	81119		20.0000	18
182 1,2,4,5-Tetramethylbenzene	119	11.242	11.242	(1.935)	130884		20.0000	18
112 1,2-Dibromo-3-chloropropane	75	11.333	11.333	(1.081)	11200		20.0000	17
114 1,2,4-Trichlorobenzene	180	11.972	11.972	(1.142)	55817		20.0000	18
115 Hexachlorobutadiene	225	12.057	12.057	(1.150)	21083		20.0000	12
116 Naphthalene	128	12.209	12.209	(1.165)	151976		20.0000	22
117 1,2,3-Trichlorobenzene	180	12.434	12.434	(1.186)	48993		20.0000	21
M 120 1,2-Dichloroethene (Total)	100				68149		40.0000	40
M 121 Xylene (Total)	100				189042		60.0000	54

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Lab Sample ID: CCVIS 460-126321/2 Calibration Date: 08/31/2012 09:34

Instrument ID: VOAMS9 Calib Start Date: 08/27/2012 20:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 08/28/2012 02:40

Lab File ID: k04066.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.4034	0.3731		22.0	20.0	9.8	50.0
Chloromethane	LinF	0.4778	0.4068	0.1000	21.0	20.0	5.2	50.0
Vinyl chloride	Ave	0.4915	0.4347		17.7	20.0	-11.6	20.0
Bromomethane	LinF	0.2424	0.2632		26.9	20.0	34.3	50.0
Chloroethane	Ave	0.1931	0.2159		22.4	20.0	11.8	50.0
Dichlorofluoromethane	Ave	0.7086	0.6916		19.5	20.0	-2.4	50.0
Trichlorofluoromethane	Ave	0.5923	0.5171		17.5	20.0	-12.7	50.0
n-Pentane	LinF	0.0593	0.0614		45.0	40.0	12.5	50.0
Ethanol	Ave	0.0014	0.0016		3300	3000	9.9	50.0
Ethyl ether	Ave	0.2090	0.2094		20.0	20.0	0.2	50.0
Isopropene	Ave	0.4646	0.4591		19.8	20.0	-1.2	50.0
Acrolein	Ave	0.0396	0.0375		284	300	-5.3	99.0
Freon TF	Ave	0.3874	0.3754		19.4	20.0	-3.1	50.0
1,1-Dichloroethene	Ave	0.2847	0.2997		21.1	20.0	5.3	20.0
Acetone	QuaF	0.0988	0.0736		18.1	20.0	-9.5	50.0
Iodomethane	Ave	0.6317	0.6047		19.1	20.0	-4.3	50.0
Carbon disulfide	Ave	1.237	1.195		19.3	20.0	-3.5	50.0
Methyl acetate	Ave	0.0526	0.0555		21.1	20.0	5.6	50.0
Acetonitrile	Ave	0.0321	0.0333		415	400	3.6	50.0
Methylene Chloride	LinF	0.3627	0.3696		24.4	20.0	22.1	50.0
TBA	Ave	0.0327	0.0355		434	400	8.4	50.0
MTBE	Ave	0.8279	0.8152		19.7	20.0	-1.5	50.0
trans-1,2-Dichloroethene	Ave	0.3404	0.3566		21.0	20.0	4.8	50.0
Acrylonitrile	Ave	0.0881	0.0808		138	150	-8.3	50.0
Hexane	LinF	0.2438	0.2311		19.4	20.0	-2.9	50.0
DIPE	Ave	0.9467	0.9001		19.0	20.0	-4.9	50.0
1,1-Dichloroethane	Ave	0.5693	0.5904	0.1000	20.7	20.0	3.7	50.0
Vinyl acetate	Ave	0.4840	0.6297		52.0	40.0	30.1	50.0
Tert-butyl ethyl ether	Ave	0.9272	0.8738	0.0100	18.8	20.0	-5.8	50.0
2,2-Dichloropropane	Ave	0.5231	0.5221		20.0	20.0	-0.2	50.0
cis-1,2-Dichloroethene	Ave	0.3741	0.3888		20.8	20.0	3.9	50.0
Methyl Ethyl Ketone	LinF	0.0306	0.0336		24.4	20.0	21.8	50.0
Ethyl acetate	Ave	0.0280	0.0265		37.8	40.0	-5.6	50.0
Bromochloromethane	Ave	0.1696	0.1818		21.4	20.0	7.2	50.0
Tetrahydrofuran	LinF	0.1034	0.0918		26.7	20.0	33.4	50.0
Chloroform	Ave	0.5618	0.5771		20.5	20.0	2.7	20.0
Cyclohexane	Ave	0.6023	0.5630		18.7	20.0	-6.5	50.0
1,1,1-Trichloroethane	Ave	0.5118	0.5319		20.8	20.0	3.9	50.0
Carbon tetrachloride	Ave	0.4190	0.4312		20.6	20.0	2.9	50.0
1,1-Dichloropropene	Ave	0.4700	0.4688		19.9	20.0	-0.3	50.0
Benzene	Ave	1.343	1.369		20.4	20.0	2.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Lab Sample ID: CCVIS 460-126321/2 Calibration Date: 08/31/2012 09:34

Instrument ID: VOAMS9 Calib Start Date: 08/27/2012 20:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 08/28/2012 02:40

Lab File ID: k04066.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.5760	0.5496		38.2	40.0	-4.6	50.0
Tert-amyl methyl ether	Ave	0.8412	0.8449		20.1	20.0	0.4	50.0
1,2-Dichloroethane	Ave	0.3476	0.3562		20.5	20.0	2.5	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.1137	0.1028		32.8	40.0	-17.9	50.0
n-Butanol	Ave	0.0040	0.0041		1540	1500	2.3	50.0
Trichloroethene	Ave	0.3339	0.3415		20.5	20.0	2.3	50.0
Ethyl acrylate	Ave	0.0144	0.0137		19.0	20.0	-5.1	50.0
Methylcyclohexane	LinF	0.6548	0.6233		18.7	20.0	-6.7	50.0
1,2-Dichloropropane	Ave	0.3032	0.3143		20.7	20.0	3.7	20.0
Methyl methacrylate	Ave	0.1603	0.1542		19.2	20.0	-3.8	50.0
1,4-Dioxane	Ave	0.0034	0.0030		132	150	-12.0	50.0
Dibromomethane	Ave	0.1749	0.1844		21.1	20.0	5.4	50.0
Propyl acetate	LinF	0.1559	0.2788		39.5	20.0	97.3*	50.0
Bromodichloromethane	Ave	0.3694	0.3789		20.5	20.0	2.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1418	0.1306		18.4	20.0	-7.9	50.0
Epichlorohydrin	Ave	0.0232	0.0224		385	400	-3.7	50.0
cis-1,3-Dichloropropene	Ave	0.4543	0.4610		20.3	20.0	1.5	50.0
methyl isobutyl ketone	Ave	0.2114	0.2069		19.6	20.0	-2.2	50.0
Toluene	Ave	2.066	2.095		20.3	20.0	1.4	20.0
trans-1,3-Dichloropropene	Ave	0.5168	0.5644		21.8	20.0	9.2	50.0
1,1,2-Trichloroethane	Ave	0.2910	0.3154		21.7	20.0	8.4	50.0
Tetrachloroethene	Ave	0.5218	0.5535		21.2	20.0	6.1	50.0
1,3-Dichloropropane	Ave	0.5294	0.5863		22.2	20.0	10.8	50.0
2-Hexanone	Ave	0.1874	0.1972		21.0	20.0	5.2	50.0
Butyl acetate	LinF	0.4988	0.4441		40.6	40.0	1.5	50.0
Dibromochloromethane	Ave	0.3668	0.4024		21.9	20.0	9.7	50.0
1,2-Dibromoethane	Ave	0.3375	0.3719		22.0	20.0	10.2	50.0
Chlorobenzene	Ave	1.234	1.315	0.3000	21.3	20.0	6.6	50.0
Ethylbenzene	Ave	0.6933	0.7102		20.5	20.0	2.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4426	0.4642		21.0	20.0	4.9	50.0
m&p-Xylene	Ave	0.8531	0.9072		42.5	40.0	6.3	50.0
Butyl acrylate	Ave	1.128	1.097		19.4	20.0	-2.8	50.0
o-Xylene	Ave	0.8725	0.9309		21.3	20.0	6.7	50.0
Styrene	Ave	1.368	1.449		21.2	20.0	6.0	50.0
Amly acetate	Ave	0.3001	0.2919		19.5	20.0	-2.7	50.0
Bromoform	Ave	0.2318	0.2717	0.1000	23.4	20.0	17.2	50.0
Isopropylbenzene	Ave	2.289	2.411		21.1	20.0	5.3	50.0
Camphene, Total	Ave	0.3112	0.2936		18.9	20.0	-5.7	50.0
Monobromobenzene	Ave	1.036	1.111		21.4	20.0	7.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8445	1.051	0.3000	24.9	20.0	24.5	50.0
N-Propylbenzene	Ave	4.903	5.414		22.1	20.0	10.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-126321/2 Calibration Date: 08/31/2012 09:34
 Instrument ID: VOAMS9 Calib Start Date: 08/27/2012 20:51
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 08/28/2012 02:40
 Lab File ID: k04066.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.2197	0.2757		25.1	20.0	25.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0752	0.0684		18.2	20.0	-9.1	50.0
2-Chlorotoluene	Ave	3.318	3.585		21.6	20.0	8.1	50.0
p-Ethyltoluene	Ave	1.583	1.488		18.8	20.0	-6.0	50.0
1,3,5-Trimethylbenzene	Ave	3.519	3.772		21.4	20.0	7.2	50.0
4-Chlorotoluene	Ave	2.861	3.058		21.4	20.0	6.9	50.0
Butyl Methacrylate	Ave	1.055	1.050		19.9	20.0	-0.4	50.0
tert-Butylbenzene	Ave	2.863	3.011		21.0	20.0	5.1	50.0
1,2,4-Trimethylbenzene	Ave	3.538	3.853		21.8	20.0	8.9	50.0
sec-Butylbenzene	Ave	4.628	5.176		22.4	20.0	11.8	50.0
p-Isopropyltoluene	Ave	3.913	4.246		21.7	20.0	8.5	50.0
1,3-Dichlorobenzene	Ave	2.032	2.215		21.8	20.0	9.0	50.0
1,4-Dichlorobenzene	Ave	2.030	2.196		21.6	20.0	8.1	50.0
Benzyl chloride	Ave	1.581	1.551		19.6	20.0	-1.9	50.0
1,4-Diethylbenzene	Ave	0.9502	0.8947		18.8	20.0	-5.8	50.0
n-Butylbenzene	Ave	4.570	4.920		21.5	20.0	7.7	50.0
1,2-Dichlorobenzene	Ave	1.957	2.170		22.2	20.0	10.9	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.395	1.272		18.2	20.0	-8.8	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1623	0.1855		22.9	20.0	14.3	50.0
Camphor	Ave	0.0857	0.0889		104	100	3.7	50.0
1,2,4-Trichlorobenzene	LinF	1.648	1.709		23.2	20.0	16.2	50.0
Hexachlorobutadiene	Ave	0.8380	0.8980		21.4	20.0	7.2	50.0
Naphthalene	LinF	3.360	3.783		25.3	20.0	26.6	50.0
1,2,3-Trichlorobenzene	LinF	1.529	1.661		24.9	20.0	24.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2328	0.2251		48.4	50.0	-3.3	50.0
Toluene-d8 (Surr)	Ave	1.315	1.274		48.4	50.0	-3.1	50.0
4-Bromofluorobenzene	Ave	0.9044	0.9248		51.1	50.0	2.3	50.0

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04066.d
 Report Date: 31-Aug-2012 10:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04066.d
 Lab Smp Id: CCVIS
 Inj Date : 31-AUG-2012 09:34
 Operator : VOAMS 9
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File: k03888.d
 Continuing Calibration Sample
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
90 Dichlorodifluoromethane	85	1.572	1.572	(0.289)	93664	20.0000	22
1 Chloromethane	50	1.732	1.732	(0.319)	102124	20.0000	21
4 Vinyl Chloride	62	1.834	1.834	(0.337)	109136	20.0000	18
3 Bromomethane	94	2.123	2.123	(0.391)	66069	20.0000	27
5 Chloroethane	64	2.187	2.187	(0.402)	54199	20.0000	22
9 Trichlorofluoromethane	101	2.385	2.385	(0.439)	129835	20.0000	17
121 n-Pentane	72	2.396	2.396	(0.441)	30843	40.0000	45
127 Ethanol	46	2.562	2.562	(0.471)	58270	3000.00	3300
46 Ethyl Ether	59	2.594	2.594	(0.477)	52578	20.0000	20
119 Isoprene	67	2.615	2.615	(0.481)	115259	20.0000	20
157 Dichlorofluoromethane	67	2.369	2.369	(0.436)	173629	20.0000	20
47 Acrolein	56	2.776	2.776	(0.511)	141163	300.000	280
10 1,1-Dichloroethene	96	2.802	2.802	(0.516)	75235	20.0000	21
48 Freon TF	101	2.792	2.792	(0.514)	94253	20.0000	19

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04066.d
 Report Date: 31-Aug-2012 10:31

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.904	2.904	(0.534)	18477	20.0000	18
142 Iodomethane	142	2.963	2.963	(0.545)	151833	20.0000	19
8 Carbon Disulfide	76	2.995	2.995	(0.551)	299906	20.0000	19
50 Acetonitrile	41	3.198	3.198	(0.588)	167007	400.000	410
125 Methyl acetate	74	3.139	3.139	(0.578)	13943	20.0000	21
6 Methylene Chloride	84	3.252	3.252	(0.598)	92799	20.0000	24
51 TBA	59	3.327	3.327	(0.612)	178215	400.000	430
52 Acrylonitrile	53	3.519	3.519	(0.648)	152186	150.000	140
12 trans-1,2-Dichloroethene	96	3.444	3.444	(0.634)	89529	20.0000	21
53 MTBE	73	3.418	3.418	(0.629)	204661	20.0000	20
54 Hexane	56	3.599	3.599	(0.662)	58012	20.0000	19
11 1,1-Dichloroethane	63	3.845	3.845	(0.708)	148222	20.0000	21
57 Vinyl Acetate	43	3.856	3.856	(0.710)	316207	40.0000	52
55 DIPE	45	3.813	3.813	(0.702)	225983	20.0000	19
149 tert-Butyl ethyl ether	59	4.129	4.129	(0.760)	219374	20.0000	19
104 2,2-Dichloropropane	77	4.354	4.354	(0.801)	131080	20.0000	20
13 cis-1,2-Dichloroethene	96	4.370	4.370	(0.804)	97606	20.0000	21
18 2-Butanone	72	4.386	4.386	(0.807)	8446	20.0000	24
56 Ethyl Acetate	70	4.391	4.391	(0.808)	13292	40.0000	38
108 Bromochloromethane	128	4.594	4.594	(0.845)	45632	20.0000	21
160 Tetrahydrofuran	42	4.594	4.594	(0.845)	23045	20.0000	27
15 Chloroform	83	4.648	4.648	(0.855)	144895	20.0000	20
20 1,1,1-Trichloroethane	97	4.798	4.798	(0.883)	133540	20.0000	21
59 Cyclohexane	56	4.792	4.792	(0.882)	141349	20.0000	19
21 Carbon Tetrachloride	117	4.921	4.921	(0.905)	108268	20.0000	20
92 1,1-Dichloropropene	75	4.948	4.948	(0.910)	117712	20.0000	20
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.162	5.162	(0.950)	141324	50.0000	48
28 Benzene	78	5.145	5.145	(0.947)	343686	20.0000	20
17 1,2-Dichloroethane	62	5.236	5.236	(0.964)	89431	20.0000	20
61 Isopropyl Acetate	43	5.199	5.199	(0.957)	275999	40.0000	38
140 tert-Amylmethyl Ether	73	5.210	5.210	(0.959)	212126	20.0000	20
* 69 Fluorobenzene	96	5.434	5.434	(1.000)	627679	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.654	(1.040)	51634	40.0000	33
25 Trichloroethene	95	5.787	5.787	(1.065)	85737	20.0000	20
63 n-Butanol	43	5.729	5.729	(1.054)	76458	1500.00	1500
96 Ethyl Acrylate	85	5.905	5.905	(1.087)	3442	20.0000	19
126 Methyl cyclohexane	83	5.921	5.921	(1.090)	156499	20.0000	19
23 1,2-Dichloropropane	63	6.082	6.082	(1.119)	78903	20.0000	21
109 Dibromomethane	93	6.210	6.210	(1.143)	46307	20.0000	21
95 1,4-Dioxane	88	6.199	6.199	(1.141)	5667	150.000	130
146 Methyl methacrylate	69	6.157	6.157	(1.133)	38712	20.0000	19
64 Propyl Acetate	43	6.210	6.210	(1.143)	70007	40.0000	39
22 Bromodichloromethane	83	6.360	6.360	(1.170)	95130	20.0000	20
30 2-Chloroethyl Vinyl Ether	63	6.697	6.697	(1.232)	32793	20.0000	18
159 2-Nitropropane	41	5.060	5.060	(0.931)	353751	40.0000	(a)
118 Epichlorohydrin	57	6.804	6.804	(1.252)	112380	400.000	380
24 cis-1,3-Dichloropropene	75	6.863	6.863	(1.263)	115740	20.0000	20

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04066.d
 Report Date: 31-Aug-2012 10:31

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.029	7.029	(1.293)	51934	20.0000	20
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	547083	50.0000	48
38 Toluene	91	7.189	7.189	(0.807)	359849	20.0000	20
29 trans-1,3-Dichloropropene	75	7.531	7.531	(0.846)	96957	20.0000	22
27 1,1,2-Trichloroethane	83	7.751	7.751	(0.870)	54186	20.0000	22
35 Tetrachloroethene	166	7.799	7.799	(0.876)	95090	20.0000	21
103 1,3-Dichloropropane	76	7.965	7.965	(0.894)	100728	20.0000	22
34 2-Hexanone	43	8.029	8.029	(0.901)	33874	20.0000	21
26 Dibromochloromethane	129	8.200	8.200	(0.921)	69140	20.0000	22
65 Butyl Acetate	43	8.136	8.136	(0.914)	152612	40.0000	41
66 1,2-Dibromoethane	107	8.355	8.355	(0.938)	63887	20.0000	22
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	429511	50.0000	
39 Chlorobenzene	112	8.938	8.938	(1.004)	225967	20.0000	21
97 1,1,1,2-Tetrachloroethane	131	9.056	9.056	(1.017)	79748	20.0000	21
40 Ethylbenzene	106	9.045	9.045	(1.016)	122011	20.0000	20
43 m+p-Xylene	106	9.195	9.195	(1.032)	311723	40.0000	42
44 o-Xylene	106	9.629	9.629	(1.081)	159935	20.0000	21
42 Styrene	104	9.655	9.655	(1.084)	249004	20.0000	21
147 Butyl Acrylate	55	9.612	9.612	(0.874)	100583	20.0000	19
31 Bromoform	173	9.853	9.853	(1.106)	46685	20.0000	23
145 Amyl Acetate	43	9.832	9.832	(1.104)	50150	20.0000	19
110 Isopropylbenzene	105	9.966	9.966	(1.119)	414248	20.0000	21
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	212047	50.0000	51
150 Camphene	41	10.158	10.158	(0.923)	26923	20.0000	19
107 Bromobenzene	156	10.254	10.254	(0.932)	101909	20.0000	21
36 1,1,2,2-Tetrachloroethane	83	10.287	10.287	(0.935)	96384	20.0000	25
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	25283	20.0000	25
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.904)	17171	20.0000	18
112 n-Propylbenzene	91	10.313	10.313	(0.937)	496454	20.0000	22
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	328809	20.0000	22
161 4-Ethyltoluene	105	10.410	10.410	(1.916)	373702	20.0000	19
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	280415	20.0000	21
102 1,3,5-Trimethylbenzene	105	10.463	10.463	(0.951)	345916	20.0000	21
148 Butyl methacrylate	69	10.533	10.533	(0.957)	96291	20.0000	20
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	276091	20.0000	21
100 1,2,4-Trimethylbenzene	105	10.736	10.736	(0.976)	353298	20.0000	22
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	474692	20.0000	22
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	203118	20.0000	22
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	229265	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.019	(1.001)	201356	20.0000	22
113 p-Isopropyltoluene	119	10.945	10.945	(0.995)	389390	20.0000	22
117 Benzyl chloride	91	11.116	11.116	(1.010)	142221	20.0000	20
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	199042	20.0000	22
162 1,4-Diethylbenzene	119	11.196	11.196	(2.060)	224641	20.0000	19
111 n-Butylbenzene	91	11.212	11.212	(1.019)	451231	20.0000	22
101 1,2-Dibromo-3-chloropropane	75	11.747	11.747	(1.068)	17007	20.0000	23
163 1,2,4,5-Tetramethylbenzene	119	11.672	11.672	(2.148)	319371	20.0000	18

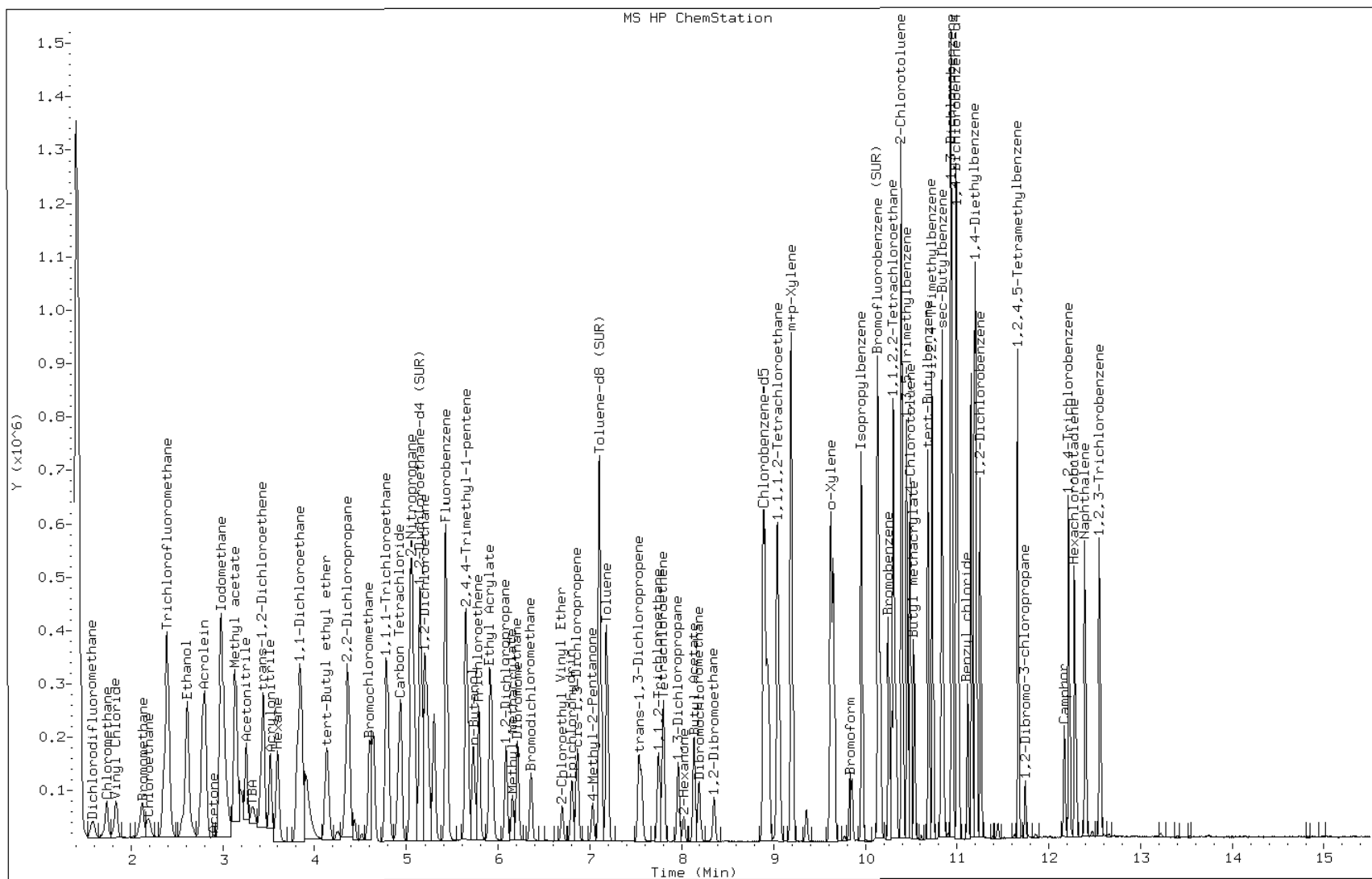
Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04066.d
 Report Date: 31-Aug-2012 10:31

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.175	12.175	(1.106)	40773	100.000	100
93 1,2,4-Trichlorobenzene	180	12.228	12.228	(1.111)	156764	20.0000	23
94 Hexachlorobutadiene	225	12.293	12.293	(1.117)	82352	20.0000	21
70 Naphthalene	128	12.405	12.405	(1.127)	346911	20.0000	25
98 1,2,3-Trichlorobenzene	180	12.566	12.566	(1.142)	152355	20.0000	25
M 14 1,2-Dichloroethene (total)	100				187135	40.0000	42
M 45 Xylene (Total)	100				471658	60.0000	64

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Operator: VOAMS 9



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Lab Sample ID: CCVIS 460-126458/2 Calibration Date: 09/04/2012 05:52

Instrument ID: VOAMS9 Calib Start Date: 08/27/2012 20:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 08/28/2012 02:40

Lab File ID: k04095.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.4034	0.3593		21.2	20.0	5.8	50.0
Chloromethane	LinF	0.4778	0.4027	0.1000	20.8	20.0	4.2	50.0
Vinyl chloride	Ave	0.4915	0.4179		17.0	20.0	-15.0	20.0
Bromomethane	LinF	0.2424	0.2605		26.6	20.0	33.0	50.0
Chloroethane	Ave	0.1931	0.2062		21.4	20.0	6.8	50.0
Dichlorofluoromethane	Ave	0.7086	0.6851		19.3	20.0	-3.3	50.0
Trichlorofluoromethane	Ave	0.5923	0.4966		16.8	20.0	-16.2	50.0
n-Pentane	LinF	0.0593	0.0627		46.0	40.0	14.9	50.0
Ethanol	Ave	0.0014	0.0015		3190	3000	6.5	50.0
Ethyl ether	Ave	0.2090	0.2070		19.8	20.0	-1.0	50.0
Isopropene	Ave	0.4646	0.4598		19.8	20.0	-1.0	50.0
Acrolein	Ave	0.0396	0.0444		337	300	12.2	99.0
Freon TF	Ave	0.3874	0.3763		19.4	20.0	-2.9	50.0
1,1-Dichloroethene	Ave	0.2847	0.2561		18.0	20.0	-10.0	20.0
Acetone	QuaF	0.0988	0.0663		16.3	20.0	-18.7	50.0
Iodomethane	Ave	0.6317	0.5777		18.3	20.0	-8.6	50.0
Carbon disulfide	Ave	1.237	1.181		19.1	20.0	-4.6	50.0
Methyl acetate	Ave	0.0526	0.0486		18.5	20.0	-7.5	50.0
Acetonitrile	Ave	0.0321	0.0320		399	400	-0.3	50.0
Methylene Chloride	LinF	0.3627	0.3150		20.8	20.0	4.0	50.0
TBA	Ave	0.0327	0.0248		303	400	-24.3	50.0
MTBE	Ave	0.8279	0.7537		18.2	20.0	-9.0	50.0
trans-1,2-Dichloroethene	Ave	0.3404	0.3006		17.7	20.0	-11.7	50.0
Acrylonitrile	Ave	0.0881	0.0869		148	150	-1.4	50.0
Hexane	LinF	0.2438	0.2356		19.8	20.0	-1.0	50.0
DIPE	Ave	0.9467	0.8706		18.4	20.0	-8.0	50.0
1,1-Dichloroethane	Ave	0.5693	0.4940	0.1000	17.4	20.0	-13.2	50.0
Vinyl acetate	Ave	0.4840	0.4116		34.0	40.0	-15.0	50.0
Tert-butyl ethyl ether	Ave	0.9272	0.7771	0.0100	16.8	20.0	-16.2	50.0
2,2-Dichloropropane	Ave	0.5231	0.3765		14.4	20.0	-28.0	50.0
cis-1,2-Dichloroethene	Ave	0.3741	0.3194		17.1	20.0	-14.6	50.0
Ethyl acetate	Ave	0.0280	0.0243		34.7	40.0	-13.2	50.0
Methyl Ethyl Ketone	LinF	0.0306	0.0304		22.0	20.0	10.2	50.0
Bromochloromethane	Ave	0.1696	0.1463		17.2	20.0	-13.8	50.0
Tetrahydrofuran	LinF	0.1034	0.0719		20.9	20.0	4.4	50.0
Chloroform	Ave	0.5618	0.4915		17.5	20.0	-12.5	20.0
Cyclohexane	Ave	0.6023	0.5682		18.9	20.0	-5.7	50.0
1,1,1-Trichloroethane	Ave	0.5118	0.3888		15.2	20.0	-24.0	50.0
Carbon tetrachloride	Ave	0.4190	0.2669		12.7	20.0	-36.3	50.0
1,1-Dichloropropene	Ave	0.4700	0.3915		16.7	20.0	-16.7	50.0
Benzene	Ave	1.343	1.155		17.2	20.0	-14.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Lab Sample ID: CCVIS 460-126458/2 Calibration Date: 09/04/2012 05:52

Instrument ID: VOAMS9 Calib Start Date: 08/27/2012 20:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 08/28/2012 02:40

Lab File ID: k04095.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropyl acetate	Ave	0.5760	0.5061		35.2	40.0	-12.1	50.0
Tert-amyl methyl ether	Ave	0.8412	0.7571		18.0	20.0	-10.0	50.0
1,2-Dichloroethane	Ave	0.3476	0.3060		17.6	20.0	-12.0	50.0
2,4,4-Trimethyl-1-pentene	LinF	0.1137	0.1016		32.4	40.0	-18.9	50.0
n-Butanol	Ave	0.0040	0.0029		1090	1500	-27.6	50.0
Trichloroethene	Ave	0.3339	0.2863		17.1	20.0	-14.3	50.0
Ethyl acrylate	Ave	0.0144	0.0109		15.0	20.0	-24.9	50.0
Methylcyclohexane	LinF	0.6548	0.6120		18.3	20.0	-8.4	50.0
1,2-Dichloropropane	Ave	0.3032	0.2529		16.7	20.0	-16.6	20.0
Methyl methacrylate	Ave	0.1603	0.1380		17.2	20.0	-13.9	50.0
1,4-Dioxane	Ave	0.0034	0.0035		153	150	2.2	50.0
Dibromomethane	Ave	0.1749	0.1582		18.1	20.0	-9.6	50.0
Propyl acetate	LinF	0.1559	0.2466		34.9	20.0	74.5*	50.0
Bromodichloromethane	Ave	0.3694	0.2823		15.3	20.0	-23.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1418	0.1257		17.7	20.0	-11.4	50.0
Epichlorohydrin	Ave	0.0232	0.0209		359	400	-10.2	50.0
cis-1,3-Dichloropropene	Ave	0.4543	0.3532		15.5	20.0	-22.3	50.0
methyl isobutyl ketone	Ave	0.2114	0.1973		18.7	20.0	-6.7	50.0
Toluene	Ave	2.066	1.726		16.7	20.0	-16.5	20.0
trans-1,3-Dichloropropene	Ave	0.5168	0.3942		15.3	20.0	-23.7	50.0
1,1,2-Trichloroethane	Ave	0.2910	0.2548		17.5	20.0	-12.4	50.0
Tetrachloroethene	Ave	0.5218	0.4610		17.7	20.0	-11.7	50.0
1,3-Dichloropropane	Ave	0.5294	0.4839		18.3	20.0	-8.6	50.0
2-Hexanone	Ave	0.1874	0.1860		19.8	20.0	-0.8	50.0
Butyl acetate	LinF	0.4988	0.3696		33.8	40.0	-15.5	50.0
Dibromochloromethane	Ave	0.3668	0.2511		13.7	20.0	-31.6	50.0
1,2-Dibromoethane	Ave	0.3375	0.2693		16.0	20.0	-20.2	50.0
Chlorobenzene	Ave	1.234	1.097	0.3000	17.8	20.0	-11.1	50.0
Ethylbenzene	Ave	0.6933	0.5916		17.1	20.0	-14.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4426	0.2911		13.2	20.0	-34.2	50.0
m&p-Xylene	Ave	0.8531	0.7416		34.8	40.0	-13.1	50.0
Butyl acrylate	Ave	1.128	0.8616		15.3	20.0	-23.6	50.0
o-Xylene	Ave	0.8725	0.7561		17.3	20.0	-13.3	50.0
Styrene	Ave	1.368	1.193		17.4	20.0	-12.8	50.0
Amly acetate	Ave	0.3001	0.2361		15.7	20.0	-21.3	50.0
Bromoform	Ave	0.2318	0.1403	0.1000	12.1	20.0	-39.5	50.0
Isopropylbenzene	Ave	2.289	1.979		17.3	20.0	-13.6	50.0
Camphene, Total	Ave	0.3112	0.2738		17.6	20.0	-12.0	50.0
Monobromobenzene	Ave	1.036	0.9263		17.9	20.0	-10.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8445	0.7735	0.3000	18.3	20.0	-8.4	50.0
N-Propylbenzene	Ave	4.903	4.479		18.3	20.0	-8.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Lab Sample ID: CCVIS 460-126458/2 Calibration Date: 09/04/2012 05:52

Instrument ID: VOAMS9 Calib Start Date: 08/27/2012 20:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 08/28/2012 02:40

Lab File ID: k04095.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.2197	0.2043		18.6	20.0	-7.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0752	0.0638		17.0	20.0	-15.2	50.0
2-Chlorotoluene	Ave	3.318	2.997		18.1	20.0	-9.7	50.0
p-Ethyltoluene	Ave	1.583	1.448		18.3	20.0	-8.5	50.0
1,3,5-Trimethylbenzene	Ave	3.519	3.131		17.8	20.0	-11.0	50.0
4-Chlorotoluene	Ave	2.861	2.557		17.9	20.0	-10.6	50.0
Butyl Methacrylate	Ave	1.055	0.8382		15.9	20.0	-20.5	50.0
tert-Butylbenzene	Ave	2.863	2.463		17.2	20.0	-14.0	50.0
1,2,4-Trimethylbenzene	Ave	3.538	3.149		17.8	20.0	-11.0	50.0
sec-Butylbenzene	Ave	4.628	4.300		18.6	20.0	-7.1	50.0
1,3-Dichlorobenzene	Ave	2.032	1.812		17.8	20.0	-10.8	50.0
p-Isopropyltoluene	Ave	3.913	3.499		17.9	20.0	-10.6	50.0
1,4-Dichlorobenzene	Ave	2.030	1.781		17.5	20.0	-12.3	50.0
Benzyl chloride	Ave	1.581	1.175		14.9	20.0	-25.7	50.0
1,4-Diethylbenzene	Ave	0.9502	0.8754		18.4	20.0	-7.9	50.0
n-Butylbenzene	Ave	4.570	4.195		18.4	20.0	-8.2	50.0
1,2-Dichlorobenzene	Ave	1.957	1.753		17.9	20.0	-10.4	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.395	1.248		17.9	20.0	-10.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1623	0.1033		12.7	20.0	-36.4	50.0
Camphor	Ave	0.0857	0.0798		93.1	100	-6.9	50.0
1,2,4-Trichlorobenzene	LinF	1.648	1.408		19.1	20.0	-4.3	50.0
Hexachlorobutadiene	Ave	0.8380	0.7440		17.8	20.0	-11.2	50.0
Naphthalene	LinF	3.360	2.943		19.7	20.0	-1.5	50.0
1,2,3-Trichlorobenzene	LinF	1.529	1.328		19.9	20.0	-0.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2328	0.2285		49.1	50.0	-1.9	50.0
Toluene-d8 (Surr)	Ave	1.315	1.262		48.0	50.0	-4.0	50.0
4-Bromofluorobenzene	Ave	0.9044	0.9092		50.3	50.0	0.5	50.0

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04095.d
 Report Date: 04-Sep-2012 06:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04095.d
 Lab Smp Id: CCVIS
 Inj Date : 04-SEP-2012 05:52
 Operator : VOAMS 9
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/8260L_10.m
 Meth Date : 04-Sep-2012 06:15 desais
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File: k03888.d
 Continuing Calibration Sample
 Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
90 Dichlorodifluoromethane	85	1.583	1.583	(0.291)	92175	20.0000	21
1 Chloromethane	50	1.743	1.743	(0.320)	103283	20.0000	21
4 Vinyl Chloride	62	1.845	1.845	(0.339)	107205	20.0000	17
3 Bromomethane	94	2.128	2.128	(0.391)	66824	20.0000	26
5 Chloroethane	64	2.198	2.198	(0.404)	52891	20.0000	21
9 Trichlorofluoromethane	101	2.390	2.390	(0.439)	127373	20.0000	17
121 n-Pentane	72	2.406	2.406	(0.442)	32179	40.0000	46
127 Ethanol	46	2.567	2.567	(0.472)	57665	3000.00	3200
46 Ethyl Ether	59	2.604	2.604	(0.479)	53097	20.0000	20
119 Isoprene	67	2.626	2.626	(0.483)	117951	20.0000	20
157 Dichlorofluoromethane	67	2.380	2.380	(0.437)	175738	20.0000	19
47 Acrolein	56	2.781	2.781	(0.511)	170745	300.000	340
10 1,1-Dichloroethene	96	2.813	2.813	(0.517)	65697	20.0000	18
48 Freon TF	101	2.797	2.797	(0.514)	96513	20.0000	19

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04095.d
 Report Date: 04-Sep-2012 06:15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.909	2.909	(0.535)	16993	20.0000	16
142 Iodomethane	142	2.968	2.968	(0.546)	148173	20.0000	18
8 Carbon Disulfide	76	3.006	3.006	(0.553)	302879	20.0000	19
50 Acetonitrile	41	3.204	3.204	(0.589)	164227	400.000	400
125 Methyl acetate	74	3.145	3.145	(0.578)	12469	20.0000	18
6 Methylene Chloride	84	3.262	3.262	(0.600)	80811	20.0000	21
51 TBA	59	3.332	3.332	(0.613)	127192	400.000	300
52 Acrylonitrile	53	3.525	3.525	(0.648)	167210	150.000	150
12 trans-1,2-Dichloroethene	96	3.455	3.455	(0.635)	77097	20.0000	18
53 MTBE	73	3.428	3.428	(0.630)	193331	20.0000	18
54 Hexane	56	3.610	3.610	(0.664)	60423	20.0000	20
11 1,1-Dichloroethane	63	3.856	3.856	(0.709)	126722	20.0000	17
57 Vinyl Acetate	43	3.862	3.862	(0.710)	211136	40.0000	34
55 DIPE	45	3.824	3.824	(0.703)	223325	20.0000	18
149 tert-Butyl ethyl ether	59	4.140	4.140	(0.761)	199340	20.0000	17
104 2,2-Dichloropropane	77	4.359	4.359	(0.801)	96567	20.0000	14
13 cis-1,2-Dichloroethene	96	4.375	4.375	(0.804)	81920	20.0000	17
18 2-Butanone	72	4.396	4.396	(0.808)	7805	20.0000	22
56 Ethyl Acetate	70	4.391	4.391	(0.807)	12488	40.0000	35
108 Bromochloromethane	128	4.605	4.605	(0.847)	37516	20.0000	17
160 Tetrahydrofuran	42	4.605	4.605	(0.847)	18432	20.0000	21
15 Chloroform	83	4.653	4.653	(0.855)	126079	20.0000	17
20 1,1,1-Trichloroethane	97	4.808	4.808	(0.884)	99741	20.0000	15
59 Cyclohexane	56	4.792	4.792	(0.881)	145757	20.0000	19
21 Carbon Tetrachloride	117	4.926	4.926	(0.906)	68471	20.0000	13
92 1,1-Dichloropropene	75	4.953	4.953	(0.910)	100433	20.0000	17
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.167	5.167	(0.950)	146517	50.0000	49
28 Benzene	78	5.151	5.151	(0.947)	296288	20.0000	17
17 1,2-Dichloroethane	62	5.242	5.242	(0.964)	78501	20.0000	18
61 Isopropyl Acetate	43	5.204	5.204	(0.957)	259651	40.0000	35
140 tert-Amylmethyl Ether	73	5.215	5.215	(0.959)	194197	20.0000	18
* 69 Fluorobenzene	96	5.440	5.440	(1.000)	641276	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.659	5.659	(1.040)	52106	40.0000	32
25 Trichloroethene	95	5.793	5.793	(1.065)	73443	20.0000	17
63 n-Butanol	43	5.734	5.734	(1.054)	55223	1500.00	1100
96 Ethyl Acrylate	85	5.910	5.910	(1.087)	2782	20.0000	15
126 Methyl cyclohexane	83	5.927	5.927	(1.089)	156976	20.0000	18
23 1,2-Dichloropropane	63	6.087	6.087	(1.119)	64871	20.0000	17
109 Dibromomethane	93	6.215	6.215	(1.143)	40580	20.0000	18
95 1,4-Dioxane	88	6.199	6.199	(1.140)	6724	150.000	150
146 Methyl methacrylate	69	6.162	6.162	(1.133)	35397	20.0000	17
64 Propyl Acetate	43	6.215	6.215	(1.143)	63267	40.0000	35
22 Bromodichloromethane	83	6.360	6.360	(1.169)	72400	20.0000	15
30 2-Chloroethyl Vinyl Ether	63	6.702	6.702	(1.232)	32240	20.0000	18
159 2-Nitropropane	41	5.065	5.065	(0.931)	263035	40.0000	(a)
118 Epichlorohydrin	57	6.809	6.809	(1.252)	106991	400.000	360
24 cis-1,3-Dichloropropene	75	6.868	6.868	(1.263)	90601	20.0000	16

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04095.d
 Report Date: 04-Sep-2012 06:15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.034	7.034	(1.293)	50601	20.0000	19
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	561099	50.0000	48
38 Toluene	91	7.194	7.194	(0.808)	306914	20.0000	17
29 trans-1,3-Dichloropropene	75	7.537	7.537	(0.846)	70106	20.0000	15
27 1,1,2-Trichloroethane	83	7.756	7.756	(0.871)	45312	20.0000	18
35 Tetrachloroethene	166	7.804	7.804	(0.876)	81982	20.0000	18
103 1,3-Dichloropropane	76	7.970	7.970	(0.895)	86058	20.0000	18
34 2-Hexanone	43	8.029	8.029	(0.901)	33076	20.0000	20
26 Dibromochloromethane	129	8.200	8.200	(0.921)	44644	20.0000	14
65 Butyl Acetate	43	8.141	8.141	(0.914)	131438	40.0000	34
66 1,2-Dibromoethane	107	8.361	8.361	(0.939)	47894	20.0000	16
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	444568	50.0000	
39 Chlorobenzene	112	8.944	8.944	(1.004)	195053	20.0000	18
97 1,1,1,2-Tetrachloroethane	131	9.061	9.061	(1.017)	51772	20.0000	13
40 Ethylbenzene	106	9.045	9.045	(1.016)	105194	20.0000	17
43 m+p-Xylene	106	9.195	9.195	(1.032)	263761	40.0000	35
44 o-Xylene	106	9.629	9.629	(1.081)	134451	20.0000	17
42 Styrene	104	9.661	9.661	(1.085)	212090	20.0000	17
147 Butyl Acrylate	55	9.612	9.612	(0.874)	82227	20.0000	15
31 Bromoform	173	9.853	9.853	(1.106)	24944	20.0000	12
145 Amyl Acetate	43	9.832	9.832	(1.104)	41992	20.0000	16
110 Isopropylbenzene	105	9.966	9.966	(1.119)	351842	20.0000	17
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	216925	50.0000	50
150 Camphene	41	10.158	10.158	(0.923)	26128	20.0000	18
107 Bromobenzene	156	10.260	10.260	(0.932)	88399	20.0000	18
36 1,1,2,2-Tetrachloroethane	83	10.287	10.287	(0.935)	73816	20.0000	18
99 1,2,3-Trichloropropane	110	10.335	10.335	(0.939)	19496	20.0000	19
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.902)	16361	20.0000	17
112 n-Propylbenzene	91	10.319	10.319	(0.938)	427484	20.0000	18
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	285966	20.0000	18
161 4-Ethyltoluene	105	10.410	10.410	(1.914)	371421	20.0000	18
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	243991	20.0000	18
102 1,3,5-Trimethylbenzene	105	10.463	10.463	(0.951)	298819	20.0000	18
148 Butyl methacrylate	69	10.533	10.533	(0.957)	79991	20.0000	16
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	235086	20.0000	17
100 1,2,4-Trimethylbenzene	105	10.741	10.741	(0.976)	300557	20.0000	18
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	410367	20.0000	18
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	172966	20.0000	18
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	238580	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.019	(1.001)	169954	20.0000	18
113 p-Isopropyltoluene	119	10.950	10.950	(0.995)	333876	20.0000	18
117 Benzyl chloride	91	11.116	11.116	(1.010)	112145	20.0000	15
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	167253	20.0000	18
162 1,4-Diethylbenzene	119	11.196	11.196	(2.058)	224546	20.0000	18
111 n-Butylbenzene	91	11.212	11.212	(1.019)	400380	20.0000	18
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	9854	20.0000	13
163 1,2,4,5-Tetramethylbenzene	119	11.672	11.672	(2.146)	320095	20.0000	18

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04095.d
 Report Date: 04-Sep-2012 06:15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.170	12.170	(1.106)	38085	100.000	93
93 1,2,4-Trichlorobenzene	180	12.228	12.228	(1.111)	134342	20.0000	19
94 Hexachlorobutadiene	225	12.293	12.293	(1.117)	70997	20.0000	18
70 Naphthalene	128	12.400	12.400	(1.127)	280832	20.0000	20
98 1,2,3-Trichlorobenzene	180	12.560	12.560	(1.141)	126723	20.0000	20
M 14 1,2-Dichloroethene (total)	100				159017	40.0000	35
M 45 Xylene (Total)	100				398212	60.0000	52

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04095.d

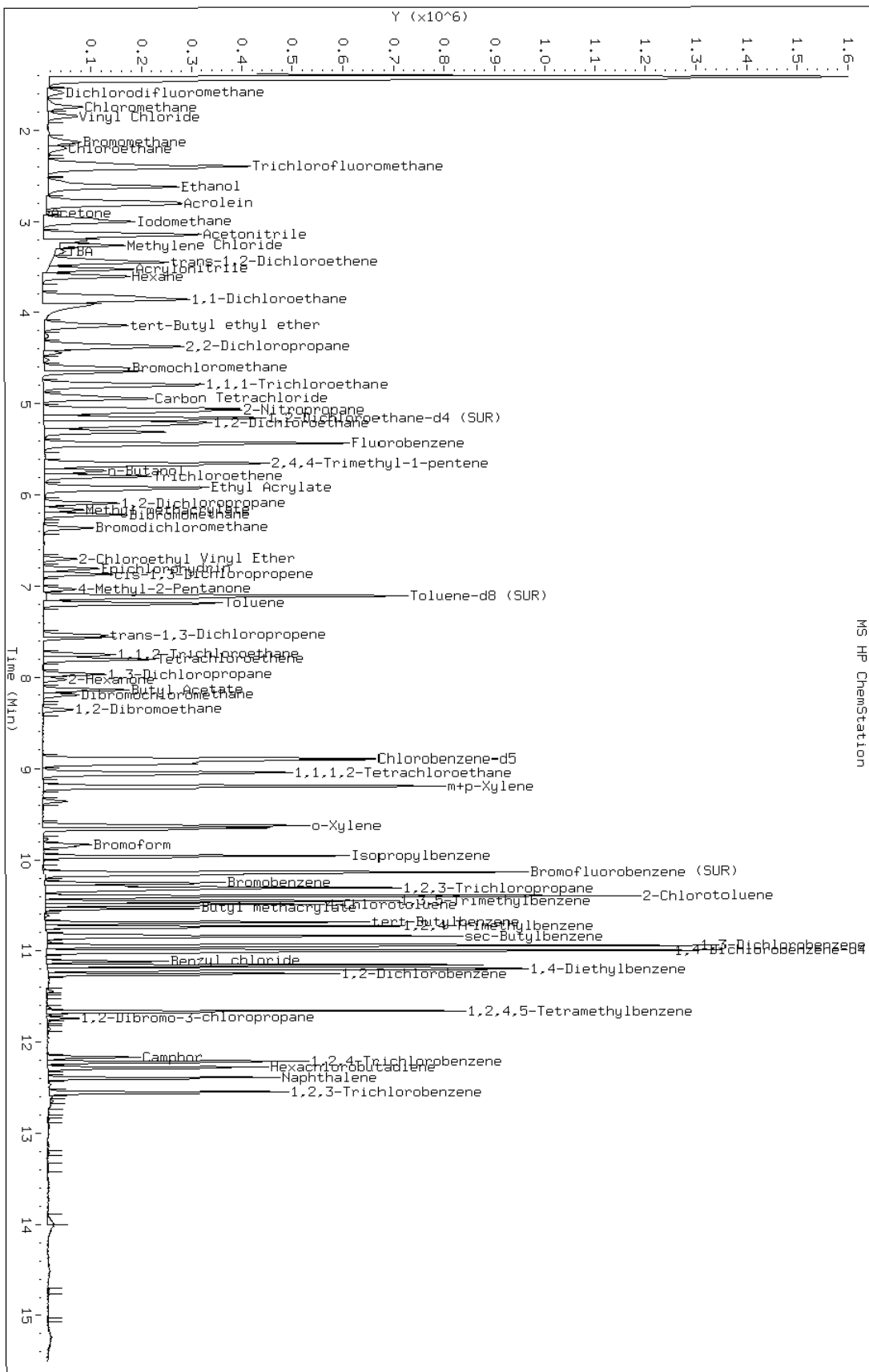
Date: 04-SEP-2012 05:52

Client ID:

Sample Info: CCVIS

Instrument: VOAMS9.i

Operator: VOAMS 9



Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69952.d
 Report Date: 14-Aug-2012 06:54

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69952.d
 Lab Smp Id: BFB
 Inj Date : 14-AUG-2012 06:44
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/VOABFB.m
 Meth Date : 19-Jul-2012 01:10 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS3.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
		ON-COL		FINAL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
4.607	4.670 (0.000)	95	184768			0.00- 100.00	100.00
4.607	4.670 (0.000)	50	36712			15.00- 40.00	19.87
4.607	4.670 (0.000)	75	93397			30.00- 60.00	50.55
4.607	4.670 (0.000)	96	10355			5.00- 9.00	5.60
4.607	4.670 (0.000)	173	2693			0.00- 2.00	1.59
4.607	4.670 (0.000)	174	169802			50.00- 100.00	91.90
4.607	4.670 (0.000)	175	14006			5.00- 9.00	8.25
4.607	4.670 (0.000)	176	170909			95.00- 101.00	100.65
4.607	4.670 (0.000)	177	11280			5.00- 9.00	6.60

Data File: c69952.d

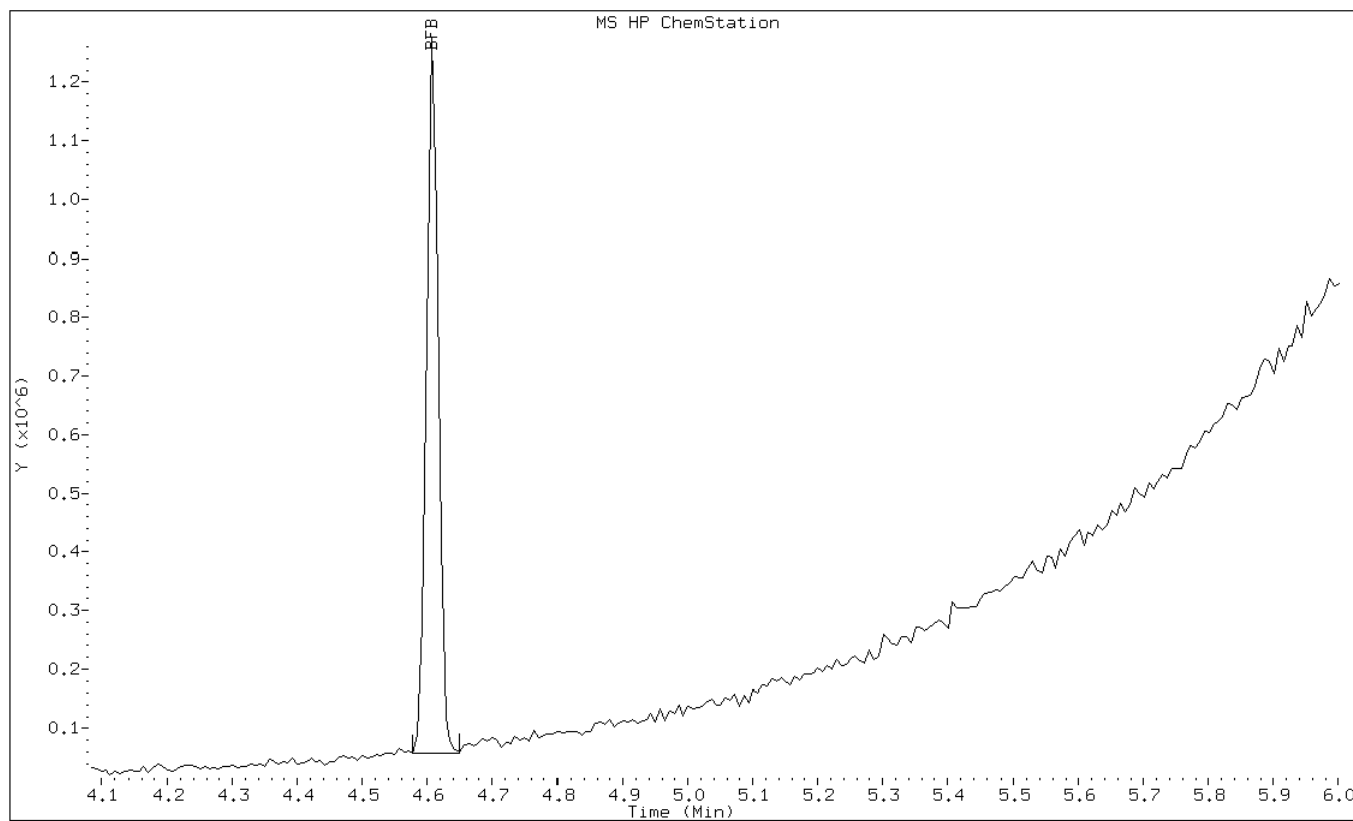
Date: 14-AUG-2012 06:44

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1



Data File: c69952.d

Date: 14-AUG-2012 06:44

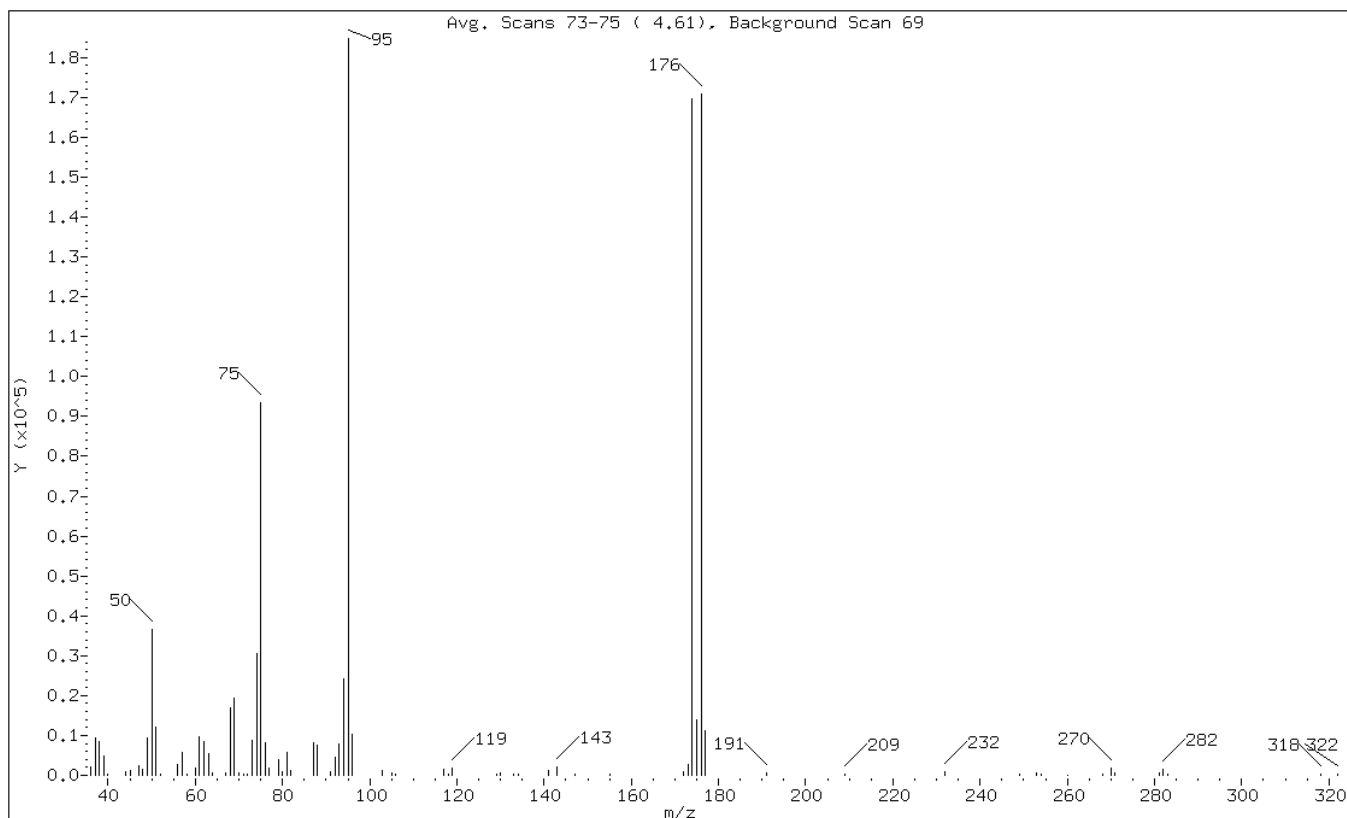
Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.87
75	30.00 - 60.00% of mass 95	50.55
96	5.00 - 9.00% of mass 95	5.60
173	Less than 2.00% of mass 174	1.46 (1.59)
174	50.00 - 100.00% of mass 95	91.90
175	5.00 - 9.00% of mass 174	7.58 (8.25)
176	95.00 - 101.00% of mass 174	92.50 (100.65)
177	5.00 - 9.00% of mass 176	6.10 (6.60)

Data File: c69952.d

Date: 14-AUG-2012 06:44

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b/c69952.d
Spectrum: Avg. Scans 73-75 (4.61), Background Scan 69
Location of Maximum: 95.00
Number of points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2168	64.00	577	93.00	7886	174.00	169792
37.00	9360	67.00	681	94.00	24280	175.00	14006
38.00	8594	68.00	16968	95.00	184768	176.00	170880
39.00	4833	69.00	19488	96.00	10355	177.00	11280
40.00	183	70.00	746	103.00	1232	191.00	697
44.00	1025	71.00	355	105.00	499	209.00	267
45.00	1092	72.00	380	106.00	345	232.00	787
47.00	2430	73.00	8856	117.00	1369	249.00	362
48.00	1621	74.00	30544	118.00	412	253.00	754
49.00	9360	75.00	93392	119.00	1678	254.00	403
50.00	36712	76.00	8052	129.00	382	260.00	87
51.00	11962	77.00	1732	130.00	645	268.00	381
52.00	358	79.00	4014	133.00	304	270.00	1944
56.00	2785	80.00	1021	134.00	398	271.00	534
57.00	5806	81.00	5657	141.00	1175	281.00	744
58.00	392	82.00	1107	143.00	2114	282.00	1443
60.00	1831	87.00	8231	147.00	366	283.00	353
61.00	9787	88.00	7628	155.00	338	318.00	365
62.00	8616	91.00	1032	172.00	796	322.00	427
63.00	5529	92.00	4652	173.00	2693		

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70481.d
 Report Date: 29-Aug-2012 13:35

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70481.d
 Lab Smp Id: BFB
 Inj Date : 27-AUG-2012 22:20
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/VOABFB.m
 Meth Date : 19-Jul-2012 01:10 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Inst ID: VOAMS3.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	(REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
1 BFB					CAS #: 460-00-4				
4.614	4.670	(0.000)	95	78384			0.00-	100.00	100.00
4.614	4.670	(0.000)	50	16089			15.00-	40.00	20.53
4.614	4.670	(0.000)	75	39709			30.00-	60.00	50.66
4.614	4.670	(0.000)	96	5448			5.00-	9.00	6.95
4.614	4.670	(0.000)	173	0			0.00-	2.00	0.00
4.614	4.670	(0.000)	174	73752			50.00-	100.00	94.09
4.614	4.670	(0.000)	175	5739			5.00-	9.00	7.78
4.614	4.670	(0.000)	176	72901			95.00-	101.00	98.85
4.614	4.670	(0.000)	177	5417			5.00-	9.00	7.43

Data File: c70481.d

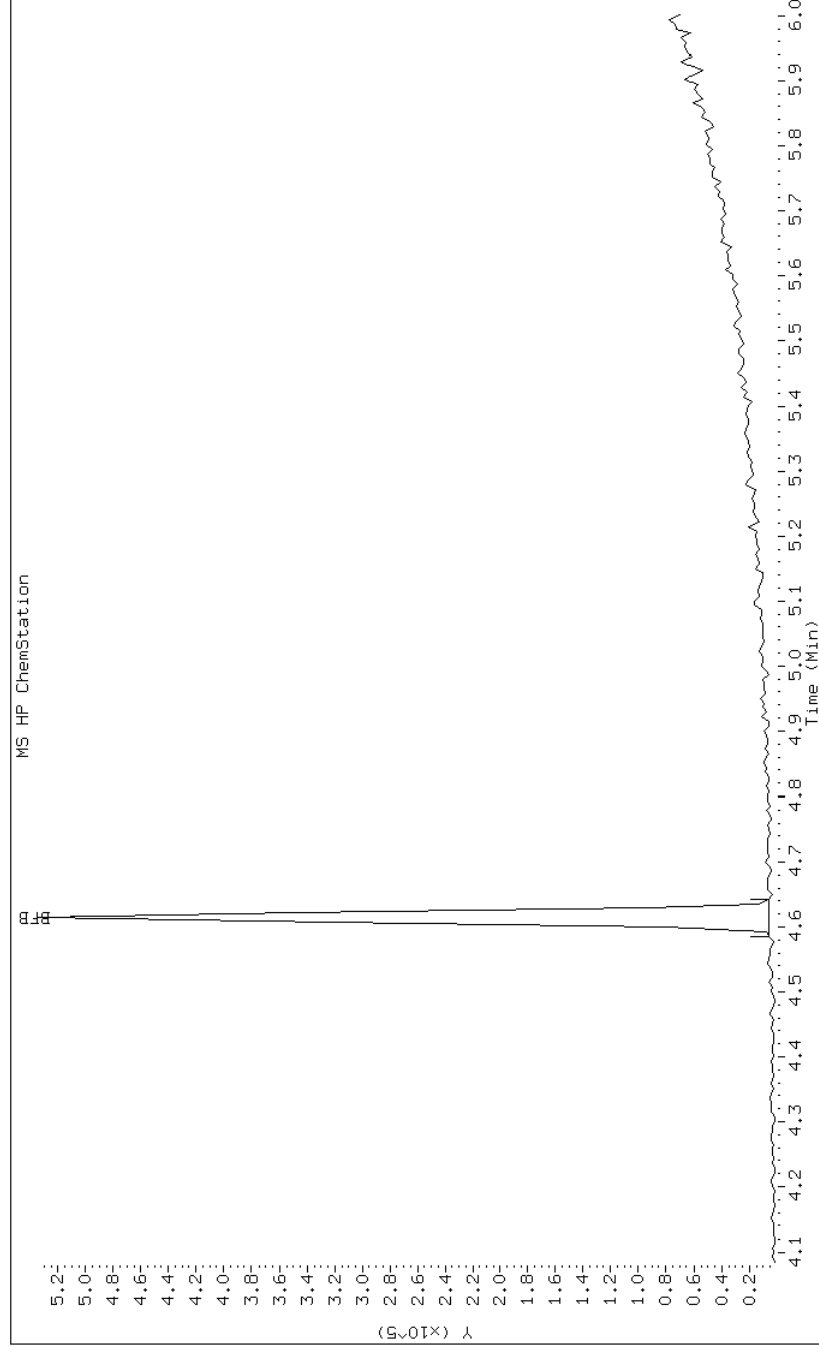
Date: 27-AUG-2012 22:20

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1



Data File: c70481.d

Date: 27-AUG-2012 22:20

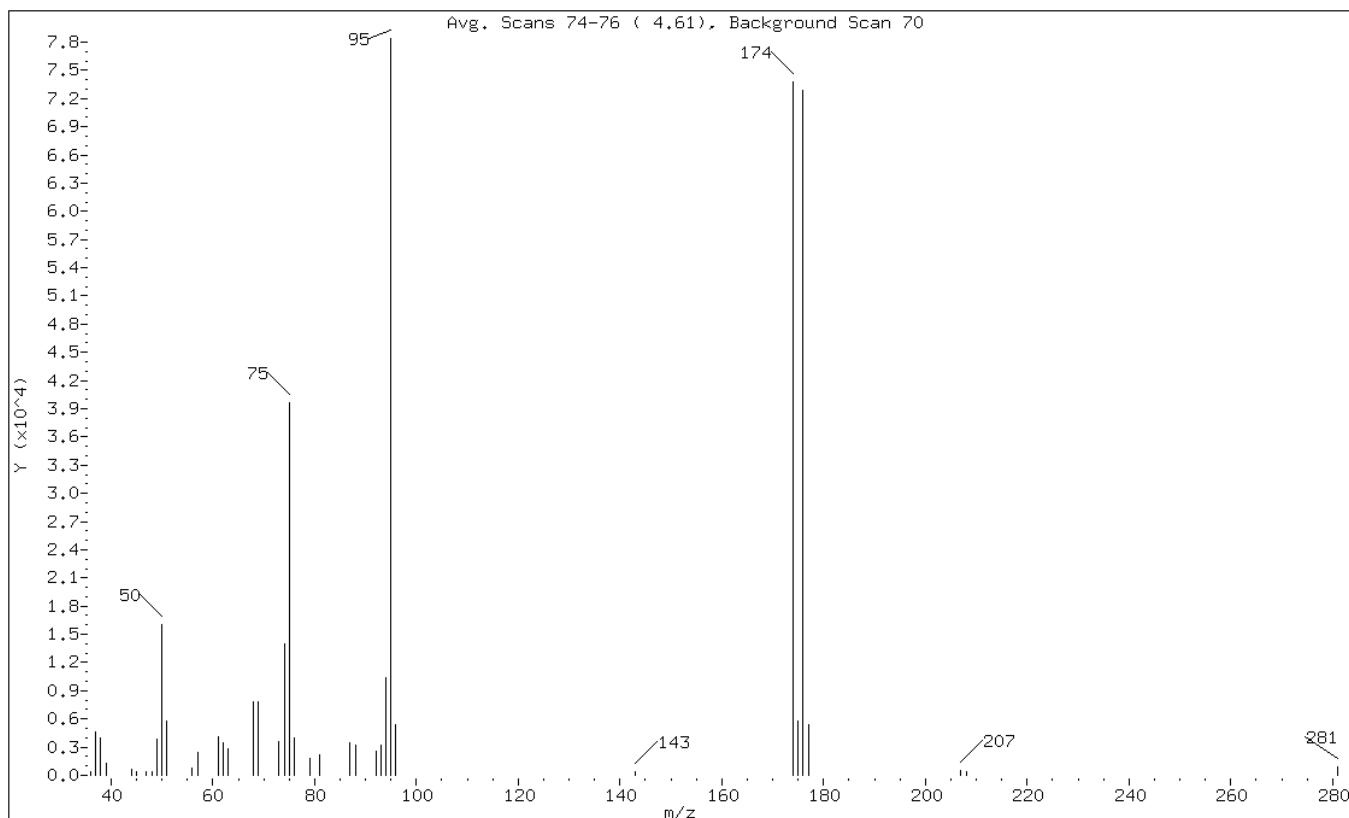
Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.53
75	30.00 - 60.00% of mass 95	50.66
96	5.00 - 9.00% of mass 95	6.95
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	94.09
175	5.00 - 9.00% of mass 174	7.32 (7.78)
176	95.00 - 101.00% of mass 174	93.00 (98.85)
177	5.00 - 9.00% of mass 176	6.91 (7.43)

Data File: c70481.d

Date: 27-AUG-2012 22:20

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70481.d
Spectrum: Avg. Scans 74-76 (4.61), Background Scan 70
Location of Maximum: 95.00
Number of points: 39

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	370	51.00	5806	75.00	39704	96.00	5448
37.00	4604	56.00	724	76.00	4028	143.00	389
38.00	3944	57.00	2456	79.00	1815	174.00	73752
39.00	1328	61.00	4143	81.00	2214	175.00	5739
44.00	605	62.00	3527	87.00	3517	176.00	72896
45.00	388	63.00	2802	88.00	3262	177.00	5417
47.00	359	68.00	7872	92.00	2508	207.00	572
48.00	372	69.00	7795	93.00	3177	208.00	373
49.00	3799	73.00	3652	94.00	10333	281.00	847
50.00	16089	74.00	13922	95.00	78384		

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03872.d
 Report Date: 28-Aug-2012 00:14

TestAmerica

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03872.d
 Lab Smp Id: BFB
 Inj Date : 27-AUG-2012 19:59
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/VOABFB.m
 Meth Date : 24-Feb-2012 20:28 ken
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
3.978	4.000 (0.000)	95	149485			0.00- 100.00	100.00
3.978	4.000 (0.000)	50	24349			15.00- 40.00	16.29
3.978	4.000 (0.000)	75	67818			30.00- 60.00	45.37
3.978	4.000 (0.000)	96	10254			5.00- 9.00	6.86
3.978	4.000 (0.000)	173	397			0.00- 2.00	0.30
3.978	4.000 (0.000)	174	130981			50.00- 100.00	87.62
3.978	4.000 (0.000)	175	9400			5.00- 9.00	7.18
3.978	4.000 (0.000)	176	126826			95.00- 101.00	96.83
3.978	4.000 (0.000)	177	7817			5.00- 9.00	6.16

Data File: k03872.d

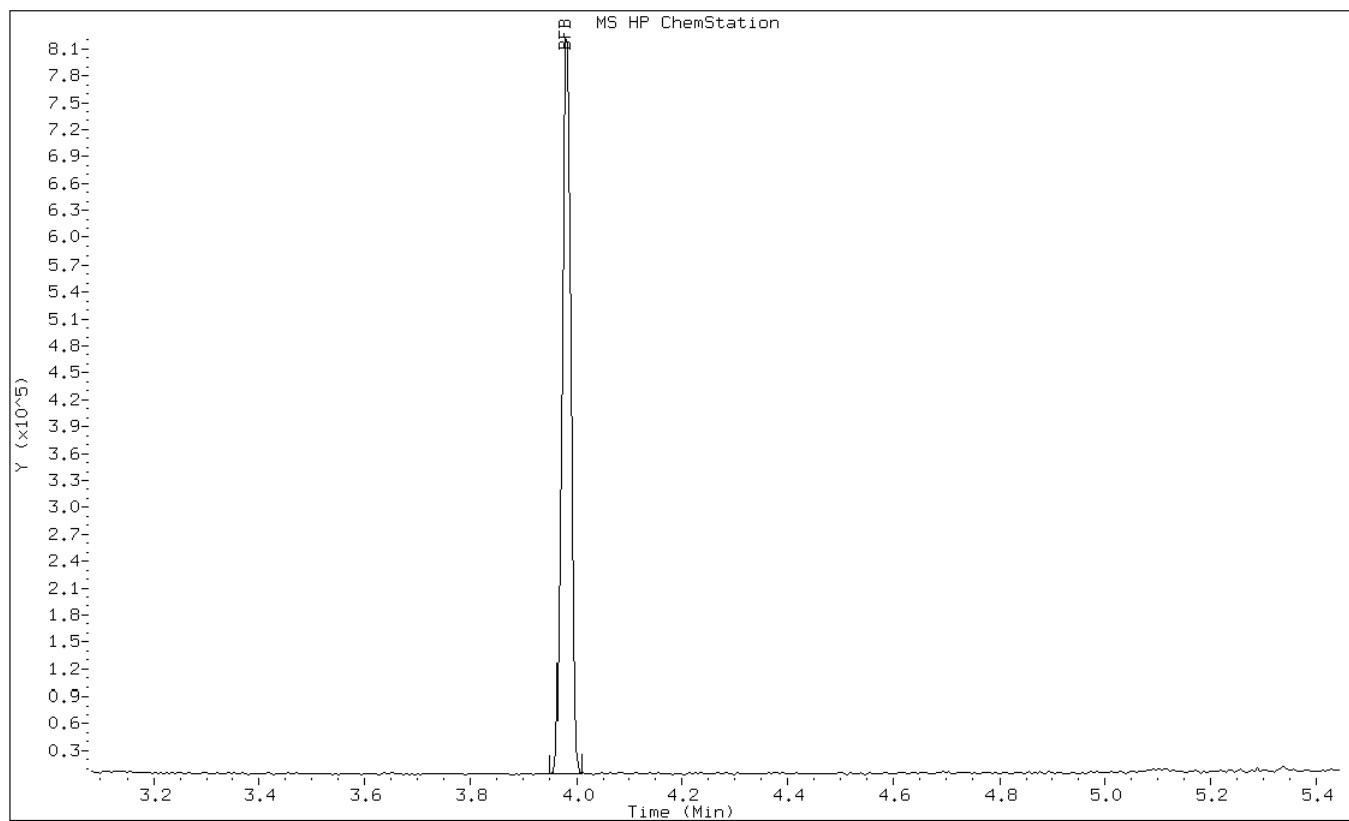
Date: 27-AUG-2012 19:59

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1



Data File: k03872.d

Date: 27-AUG-2012 19:59

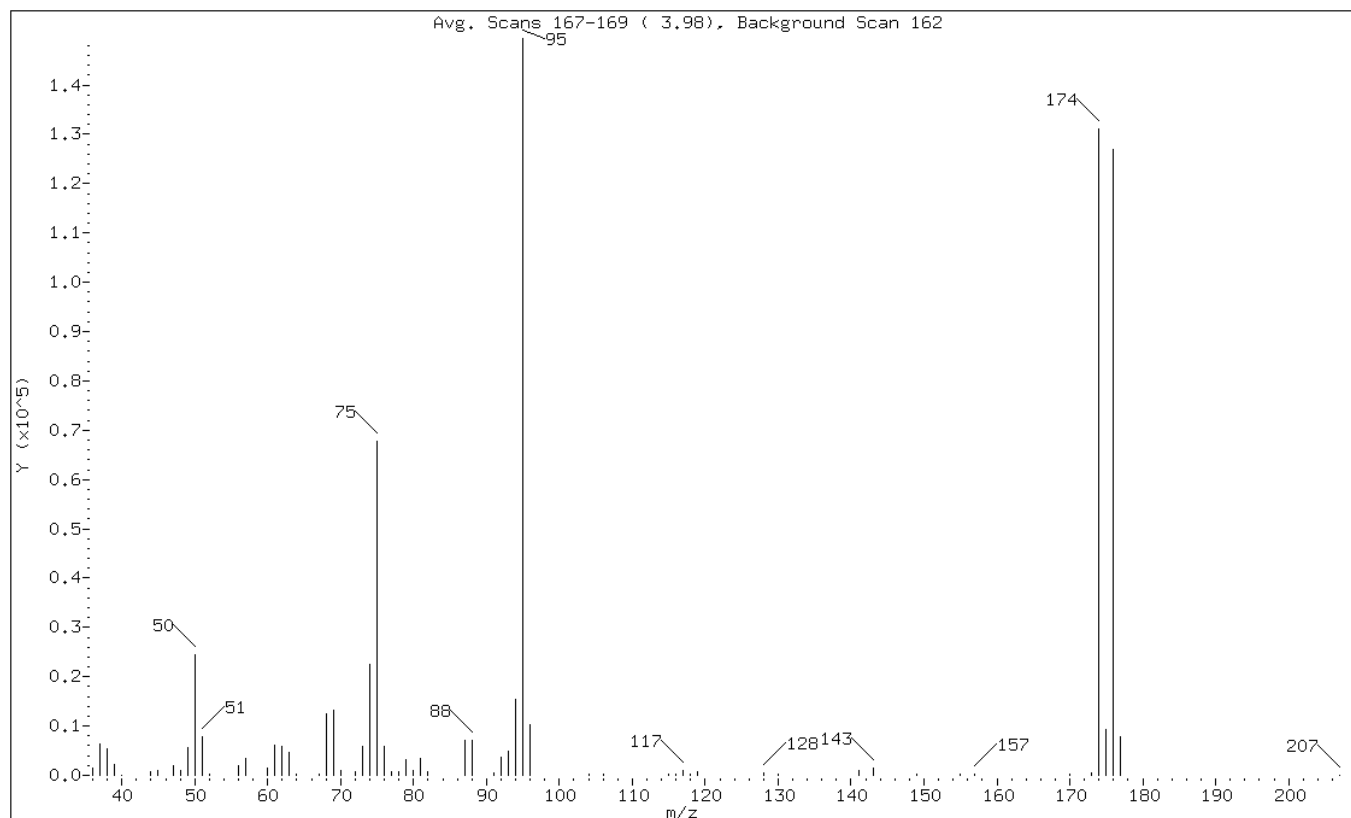
Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.29
75	30.00 - 60.00% of mass 95	45.37
96	5.00 - 9.00% of mass 95	6.86
173	Less than 2.00% of mass 174	0.27 (0.30)
174	50.00 - 100.00% of mass 95	87.62
175	5.00 - 9.00% of mass 174	6.29 (7.18)
176	95.00 - 101.00% of mass 174	84.84 (96.83)
177	5.00 - 9.00% of mass 176	5.23 (6.16)

Data File: k03872.d

Date: 27-AUG-2012 19:59

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b/k03872.d
Spectrum: Avg. Scans 167-169 (3.98), Background Scan 162
Location of Maximum: 95.00
Number of points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1378	62.00	5805	82.00	709	130.00	210
37.00	6452	63.00	4536	87.00	6971	141.00	1022
38.00	5299	64.00	189	88.00	6988	143.00	1458
39.00	2315	67.00	204	91.00	454	149.00	167
40.00	68	68.00	12520	92.00	3688	155.00	185
44.00	746	69.00	13111	93.00	4772	157.00	188
45.00	1093	70.00	1021	94.00	15471	170.00	185
47.00	2023	72.00	736	95.00	149440	173.00	397
48.00	946	73.00	5762	96.00	10254	174.00	130976
49.00	5593	74.00	22512	104.00	236	175.00	9400
50.00	24344	75.00	67816	106.00	180	176.00	126824
51.00	7885	76.00	5978	115.00	182	177.00	7817
52.00	179	77.00	772	116.00	268	207.00	110
56.00	1849	78.00	843	117.00	965		
57.00	3436	79.00	3134	118.00	232		
60.00	1489	80.00	1068	119.00	740		
61.00	6193	81.00	3437	128.00	446		

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04064.d
 Report Date: 31-Aug-2012 08:51

TestAmerica

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04064.d
 Lab Smp Id: BFB
 Inj Date : 31-AUG-2012 08:40
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/VOABFB.m
 Meth Date : 24-Feb-2012 20:28 ken
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS		RATIO
					ON-COL	FINAL	
				(ug/L)	(ug/L)	TARGET RANGE	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB					CAS #: 460-00-4	
3.967	4.000	(0.000)	95	205952		0.00- 100.00	100.00
3.967	4.000	(0.000)	50	32586		15.00- 40.00	15.82
3.967	4.000	(0.000)	75	93373		30.00- 60.00	45.34
3.967	4.000	(0.000)	96	14438		5.00- 9.00	7.01
3.967	4.000	(0.000)	173	0		0.00- 2.00	0.00
3.967	4.000	(0.000)	174	186773		50.00- 100.00	90.69
3.967	4.000	(0.000)	175	14083		5.00- 9.00	7.54
3.967	4.000	(0.000)	176	183189		95.00- 101.00	98.08
3.967	4.000	(0.000)	177	12361		5.00- 9.00	6.75

Data File: k04064.d

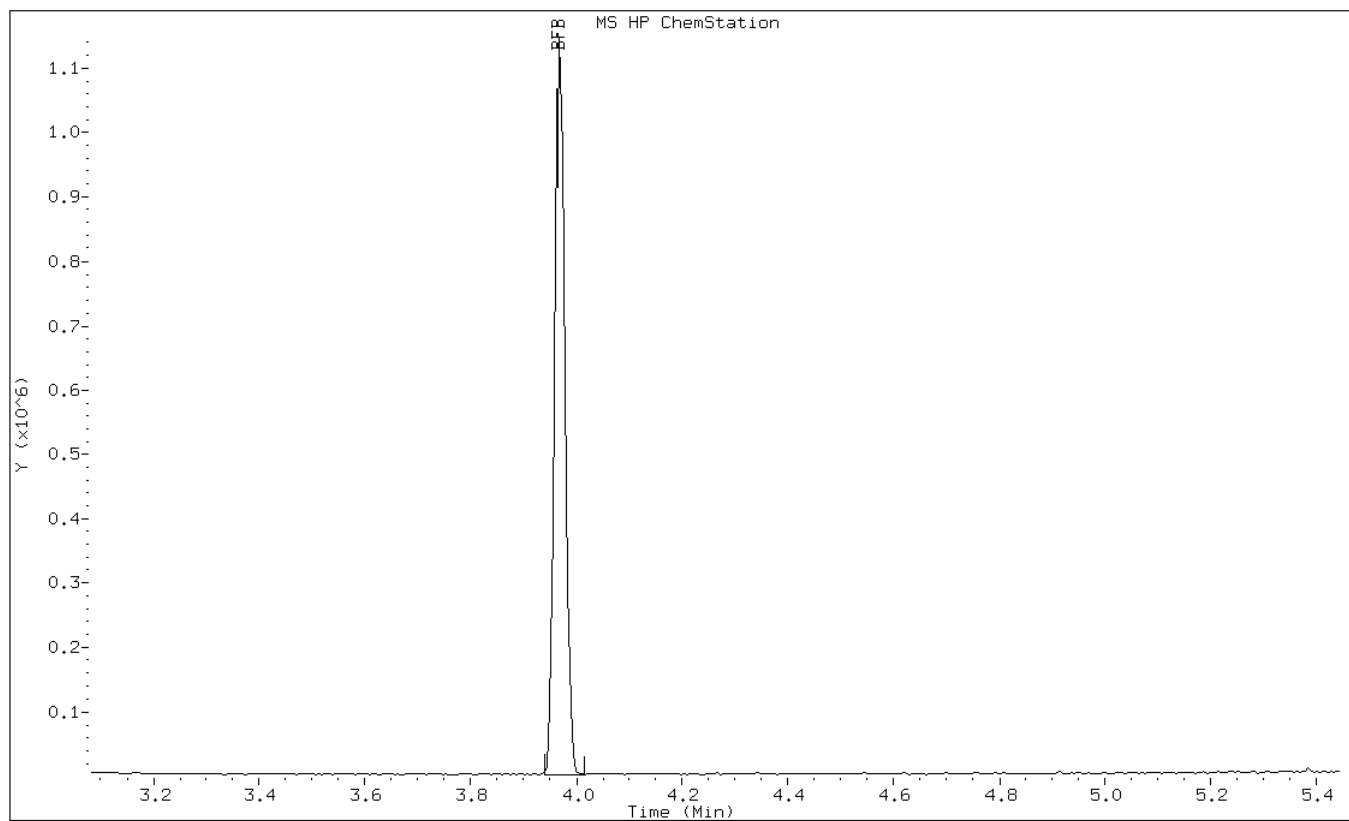
Date: 31-AUG-2012 08:40

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1



Data File: k04064.d

Date: 31-AUG-2012 08:40

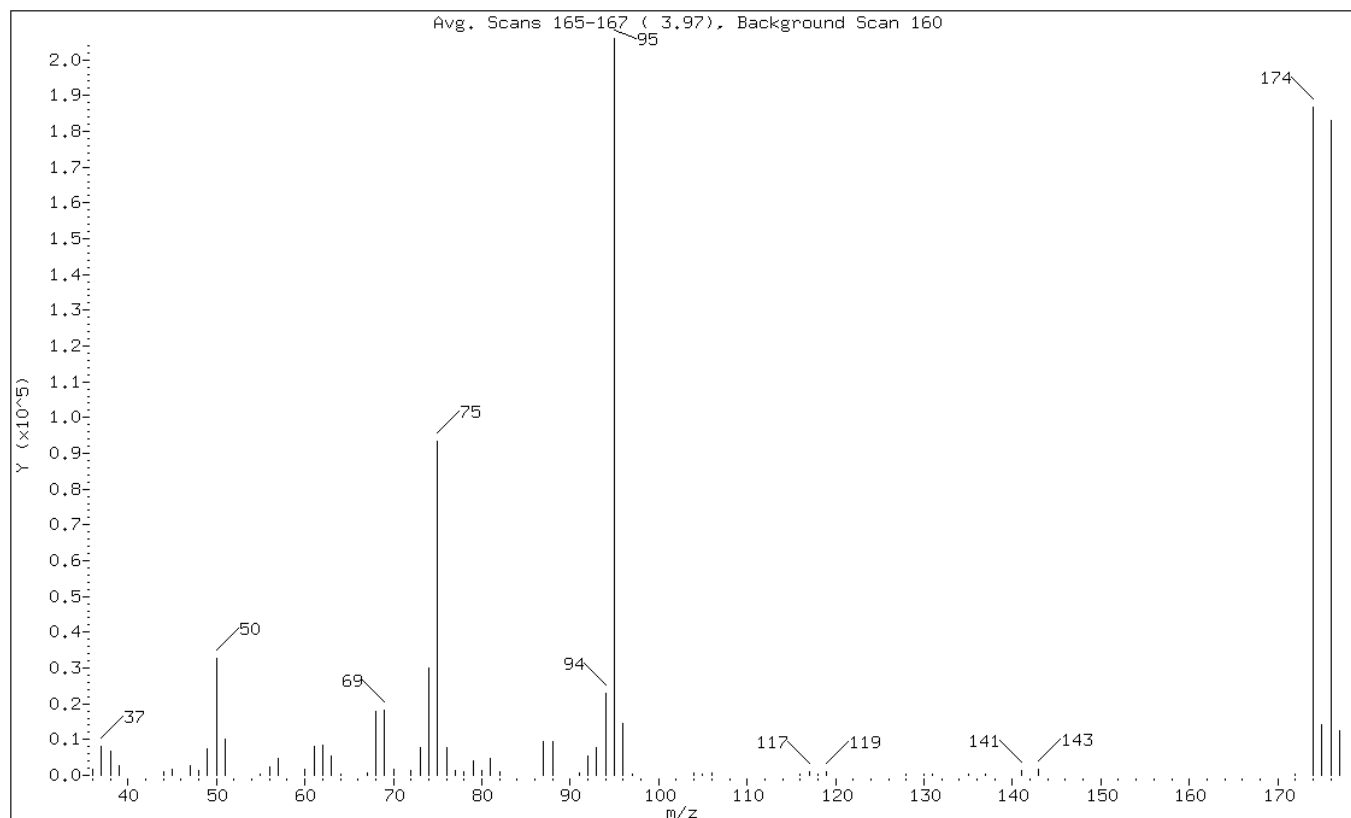
Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.82
75	30.00 - 60.00% of mass 95	45.34
96	5.00 - 9.00% of mass 95	7.01
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	90.69
175	5.00 - 9.00% of mass 174	6.84 (7.54)
176	95.00 - 101.00% of mass 174	88.95 (98.08)
177	5.00 - 9.00% of mass 176	6.00 (6.75)

Data File: k04064.d

Date: 31-AUG-2012 08:40

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04064.d
Spectrum: Avg. Scans 165-167 (3.97), Background Scan 160
Location of Maximum: 95.00
Number of points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1785	62.00	8425	81.00	4663	118.00	434
37.00	7992	63.00	5380	82.00	1039	119.00	993
38.00	6833	64.00	425	87.00	9348	128.00	387
39.00	2745	67.00	710	88.00	9537	130.00	481
44.00	1072	68.00	17968	91.00	763	131.00	174
45.00	1593	69.00	18136	92.00	5306	135.00	174
47.00	2652	70.00	1518	93.00	7700	137.00	206
48.00	1189	72.00	1297	94.00	22800	141.00	1311
49.00	7296	73.00	7635	95.00	205952	143.00	1527
50.00	32584	74.00	29944	96.00	14438	172.00	463
51.00	10060	75.00	93368	97.00	212	174.00	186752
55.00	205	76.00	7664	104.00	742	175.00	14083
56.00	2504	77.00	1476	105.00	190	176.00	183168
57.00	4868	78.00	1125	106.00	523	177.00	12361
60.00	1652	79.00	4142	116.00	436		
61.00	8185	80.00	1413	117.00	1087		

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04094.d
 Report Date: 04-Sep-2012 05:55

TestAmerica

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04094.d
 Lab Smp Id: BFB
 Inj Date : 04-SEP-2012 05:42
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/VOABFB.m
 Meth Date : 24-Feb-2012 20:28 ken
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS9.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
		ON-COL		FINAL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
3.967	4.000 (0.000)	95	227904			0.00- 100.00	100.00
3.967	4.000 (0.000)	50	38848			15.00- 40.00	17.05
3.967	4.000 (0.000)	75	107592			30.00- 60.00	47.21
3.967	4.000 (0.000)	96	14664			5.00- 9.00	6.43
3.967	4.000 (0.000)	173	0			0.00- 2.00	0.00
3.967	4.000 (0.000)	174	198272			50.00- 100.00	87.00
3.967	4.000 (0.000)	175	15563			5.00- 9.00	7.85
3.967	4.000 (0.000)	176	193024			95.00- 101.00	97.35
3.967	4.000 (0.000)	177	13355			5.00- 9.00	6.92

Data File: k04094.d

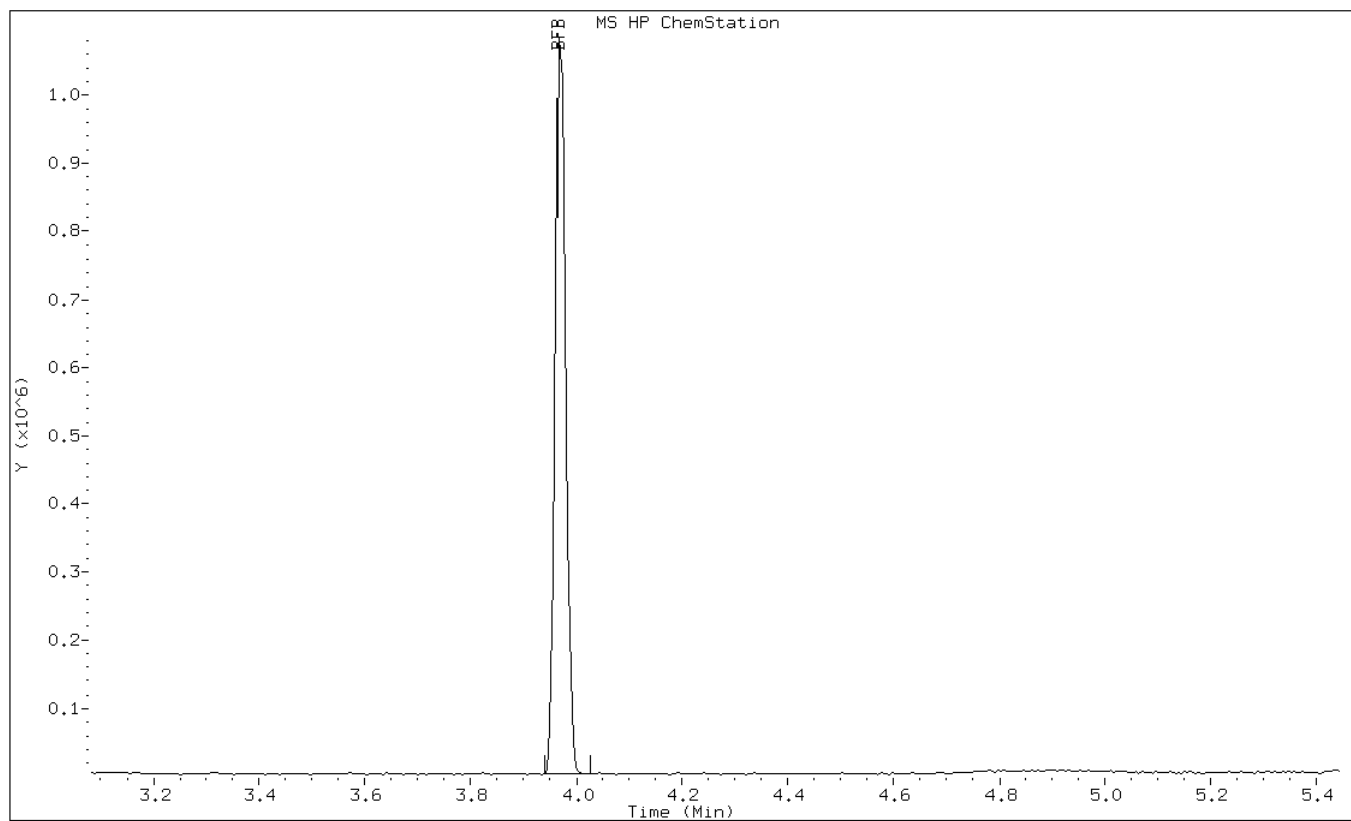
Date: 04-SEP-2012 05:42

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1



Data File: k04094.d

Date: 04-SEP-2012 05:42

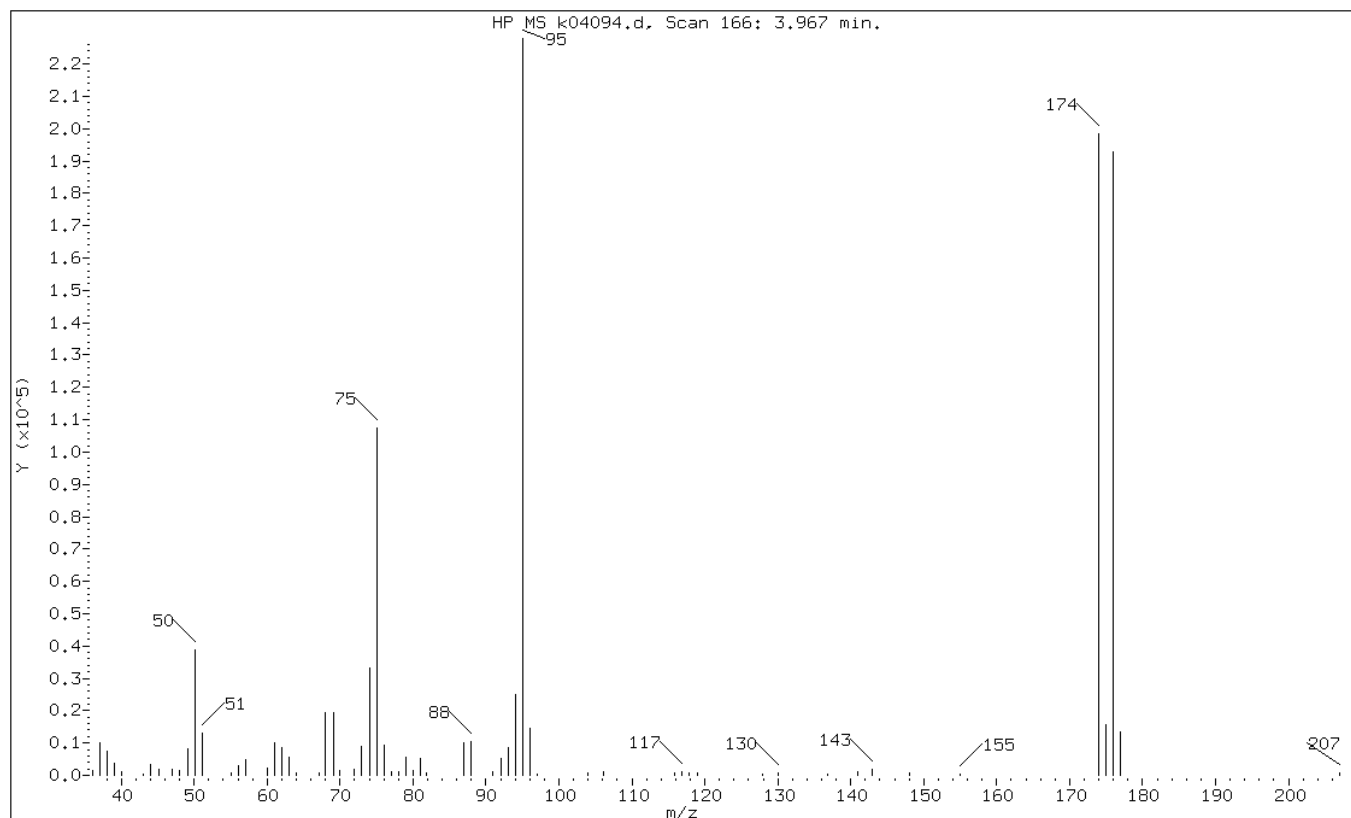
Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.05
75	30.00 - 60.00% of mass 95	47.21
96	5.00 - 9.00% of mass 95	6.43
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.00
175	5.00 - 9.00% of mass 174	6.83 (7.85)
176	95.00 - 101.00% of mass 174	84.70 (97.35)
177	5.00 - 9.00% of mass 176	5.86 (6.92)

Data File: k04094.d

Date: 04-SEP-2012 05:42

Client ID:

Instrument: VOAMS9.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04094.d
Spectrum: HP MS k04094.d, Scan 166: 3.967 min.
Location of Maximum: 95.10
Number of points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	1559	60.10	2266	79.00	5751	116.90	990
37.10	9907	61.10	10159	80.00	1571	117.80	796
38.00	7532	62.10	8724	81.00	5195	119.00	903
39.10	3768	63.00	5733	81.80	840	127.90	551
40.00	1114	64.00	800	87.00	10124	130.00	707
43.10	515	67.20	714	88.00	10369	136.90	538
44.00	3469	68.00	19416	91.00	1132	140.90	1268
45.10	1715	69.10	19568	92.10	5284	143.00	1754
47.00	2001	70.00	1597	93.00	8546	148.00	782
48.00	1364	72.00	1991	94.10	25048	155.00	541
49.10	8038	73.00	8960	95.10	227904	174.00	198272
50.10	38848	74.10	33280	96.00	14664	175.00	15563
51.10	13076	75.10	107592	97.00	548	176.00	193024
55.10	805	76.10	9146	103.90	837	177.00	13355
56.10	3042	77.10	1168	106.10	1020	207.00	617
57.10	4984	78.00	1302	115.80	894		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-125772/4

Matrix: Water Lab File ID: c70488.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2012 01:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 125772 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	methyl isobutyl ketone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-125772/4
Matrix: Water Lab File ID: c70488.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/28/2012 01:46
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 125772 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	106		70-130

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70488.d
 Report Date: 28-Aug-2012 06:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70488.d
 Lab Smp Id: MB
 Inj Date : 28-AUG-2012 01:46
 Operator : Inst ID: VOAMS3.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/8260_09.m
 Meth Date : 27-Aug-2012 23:51 ken Quant Type: ISTD
 Cal Date : 14-AUG-2012 16:08 Cal File: c69971.d
 Als bottle: 7 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.493	5.493	(0.946)	224008	59.0928	59
* 52 Fluorobenzene	96	5.809	5.809	(1.000)	665713	50.0000	
\$ 65 Toluene-d8 (SUR)	98	7.452	7.452	(0.854)	602885	55.3407	55
* 78 Chlorobenzene-d5	117	8.723	8.723	(1.000)	523811	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.642	9.648	(0.920)	246136	53.1735	53
* 108 1,4-Dichlorobenzene-d4	152	10.481	10.481	(1.000)	284671	50.0000	

Data File: c70488.d

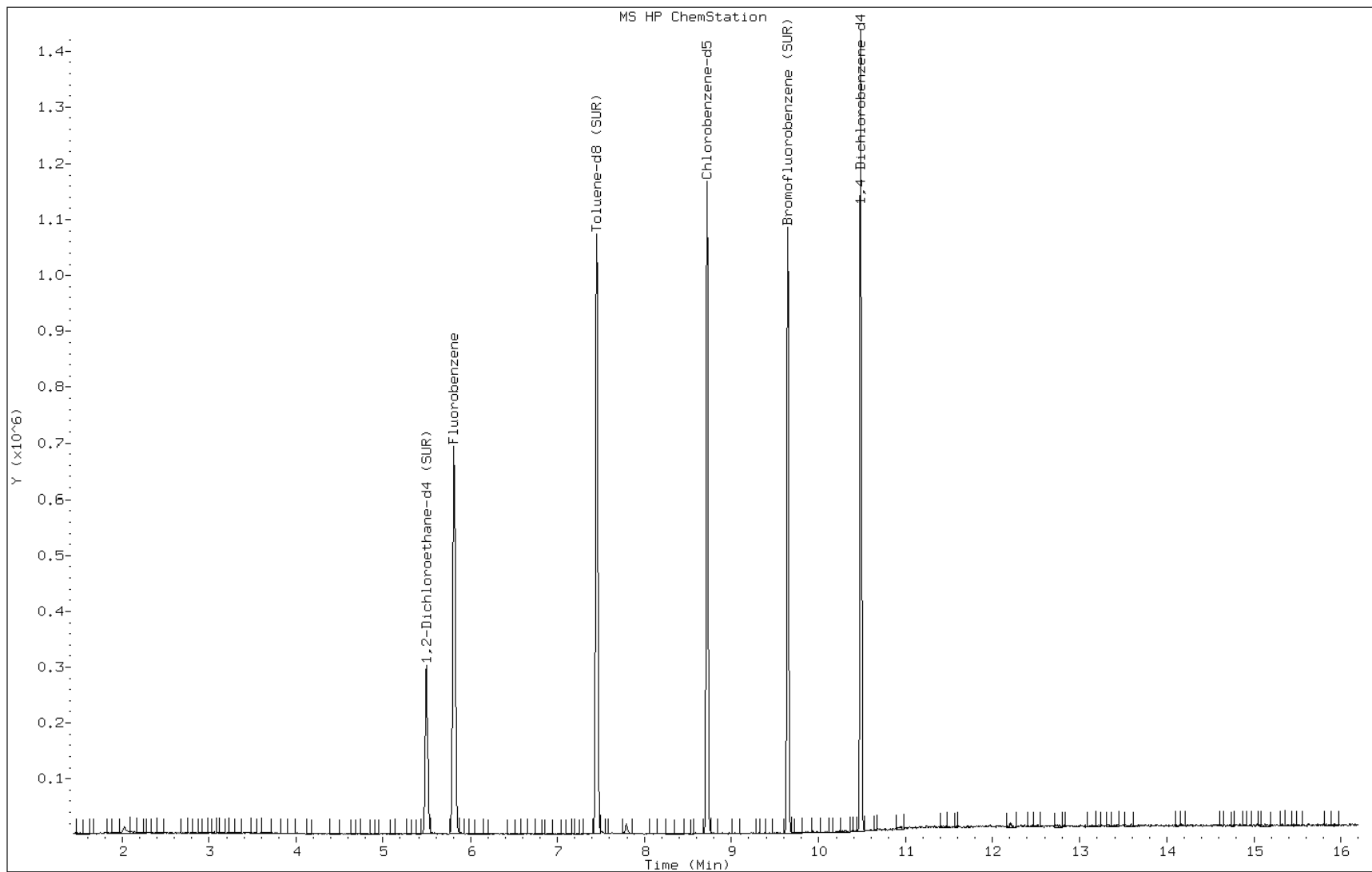
Date: 28-AUG-2012 01:46

Client ID:

Instrument: VOAMS3.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-126321/5

Matrix: Solid Lab File ID: k04072.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2012 12:07

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.16
74-83-9	Bromomethane	1.0	U	1.0	0.43
75-01-4	Vinyl chloride	1.0	U	1.0	0.34
75-00-3	Chloroethane	1.0	U	1.0	0.33
75-09-2	Methylene Chloride	0.461	J	1.0	0.15
67-64-1	Acetone	2.71	J	10	1.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.11
67-66-3	Chloroform	1.0	U	1.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.18
78-93-3	Methyl Ethyl Ketone	10	U	10	0.63
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.15
75-27-4	Bromodichloromethane	1.0	U	1.0	0.32
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.14
79-01-6	Trichloroethene	1.0	U	1.0	0.12
124-48-1	Dibromochloromethane	1.0	U	1.0	0.10
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14
71-43-2	Benzene	1.0	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.10
75-25-2	Bromoform	1.0	U	1.0	0.17
108-10-1	methyl isobutyl ketone	10	U	10	0.20
591-78-6	2-Hexanone	10	U	10	0.13
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.14
108-90-7	Chlorobenzene	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	1.0	U	1.0	0.17
100-42-5	Styrene	1.0	U	1.0	0.28
1330-20-7	Xylenes, Total	3.0	U	3.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-126321/5
Matrix: Solid Lab File ID: k04072.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/31/2012 12:07
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	4-Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04072.d
 Report Date: 02-Sep-2012 10:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04072.d
 Lab Smp Id: MB
 Inj Date : 31-AUG-2012 12:07
 Operator : VOAMS 9
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i

Quant Type: ISTD

Cal File: k03888.d

QC Sample: BLANK

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
7 Acetone		43	2.888	2.904	(0.531)	2639	2.71459	2.7(a)
6 Methylene Chloride		84	3.257	3.252	(0.599)	1650	0.46106	0.46(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)		65	5.156	5.162	(0.949)	126872	46.0944	46
* 69 Fluorobenzene		96	5.434	5.434	(1.000)	591269	50.0000	
\$ 37 Toluene-d8 (SUR)		98	7.114	7.114	(0.799)	496402	45.8280	46
* 32 Chlorobenzene-d5		117	8.906	8.906	(1.000)	412011	50.0000	
\$ 41 Bromofluorobenzene (SUR)		174	10.142	10.142	(0.922)	187962	49.5783	50
* 91 1,4-Dichlorobenzene-d4		152	11.003	11.003	(1.000)	209599	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04072.d

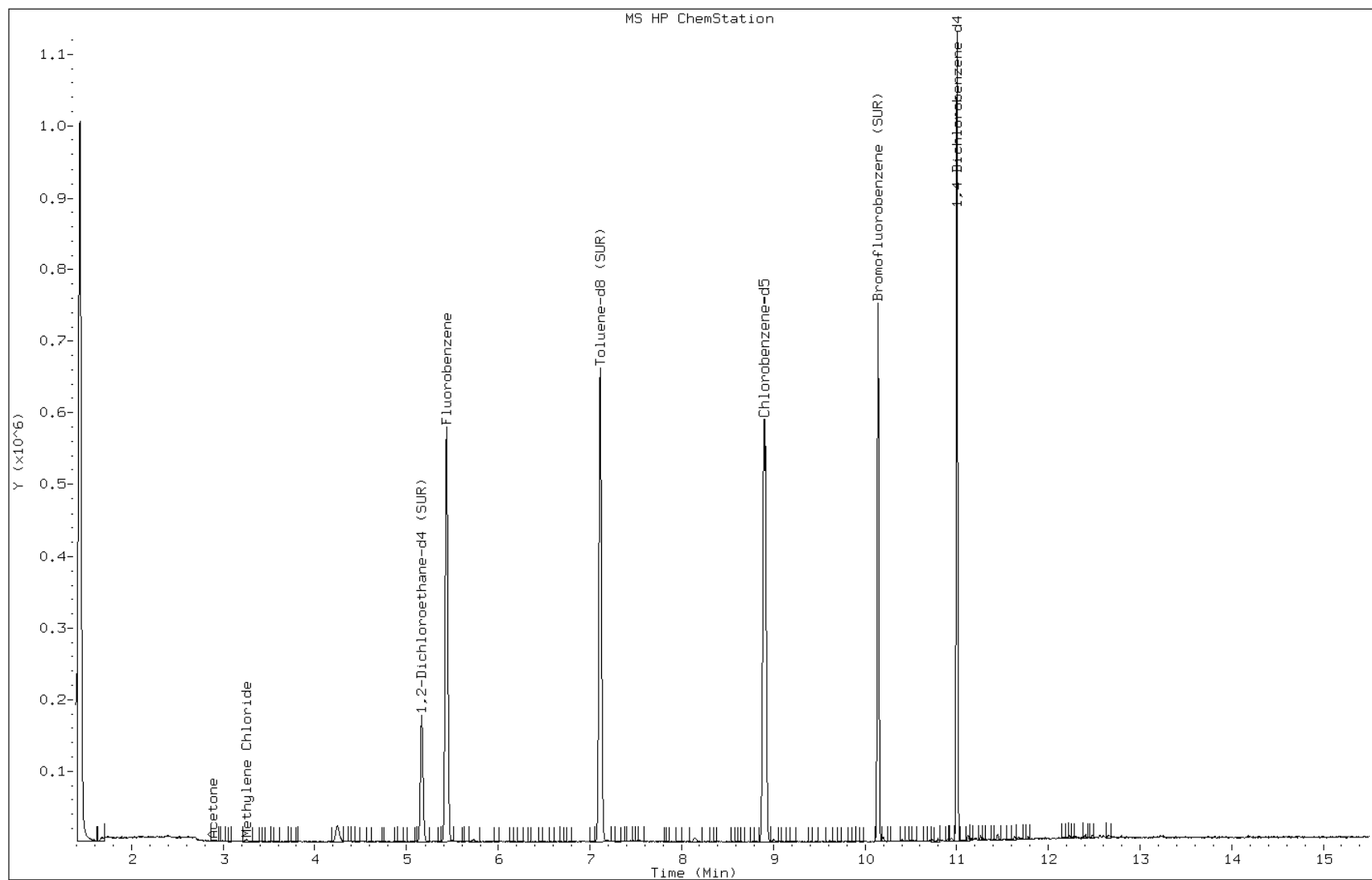
Date: 31-AUG-2012 12:07

Client ID:

Instrument: VOAMS9.i

Sample Info: MB

Operator: VOAMS 9



Data File: k04072.d

Date: 31-AUG-2012 12:07

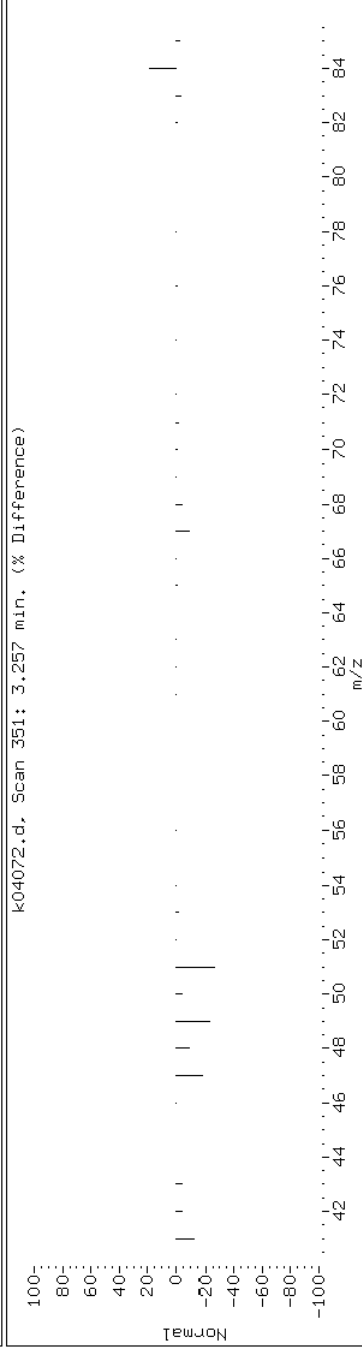
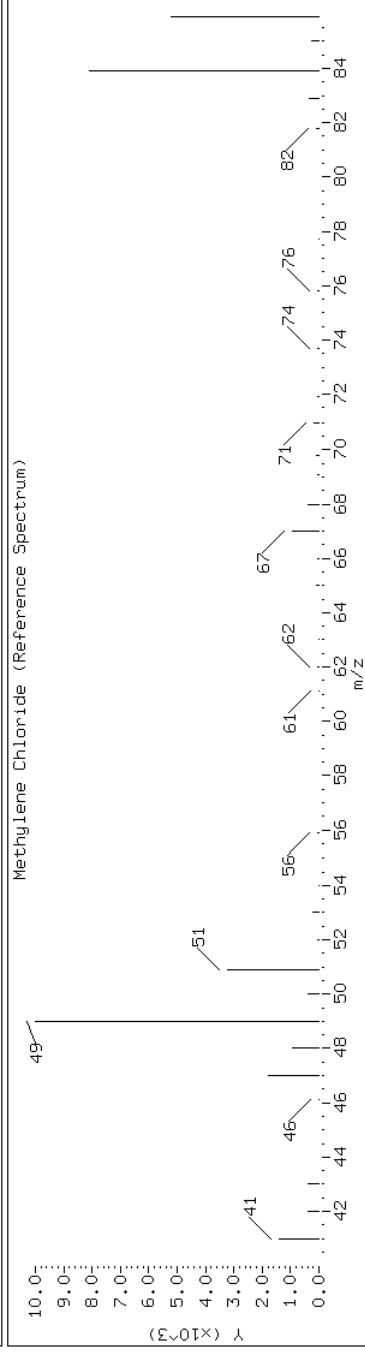
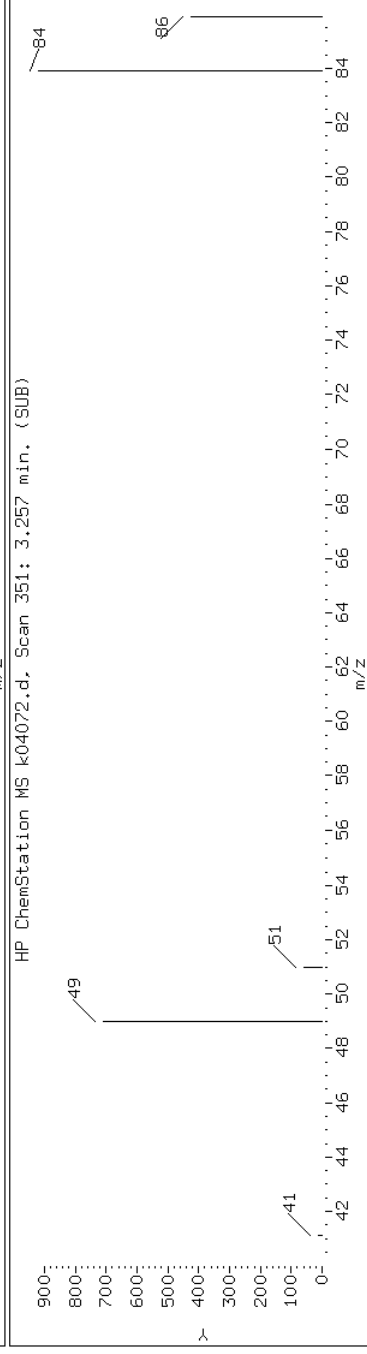
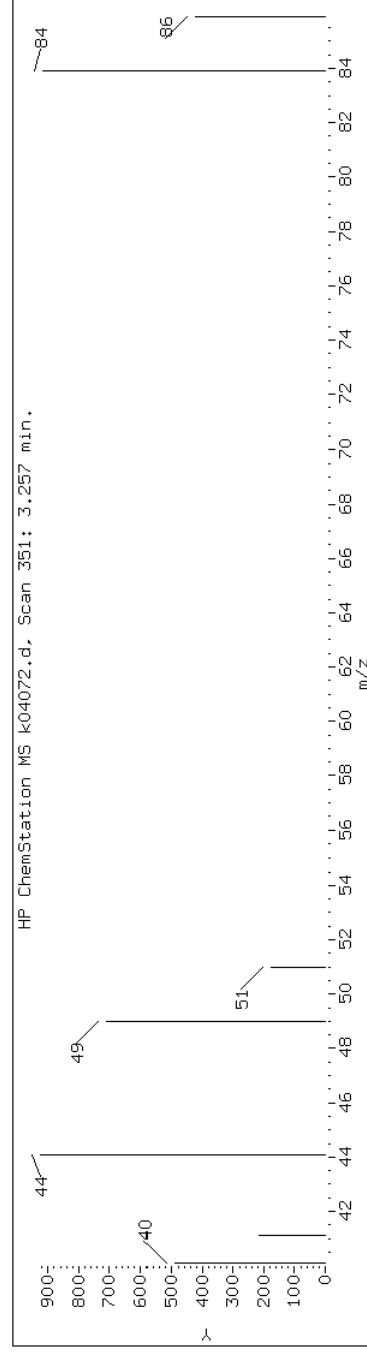
Client ID:

Instrument: VOAMS9.i

Sample Info: MB

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04072.d

Date: 31-AUG-2012 12:07

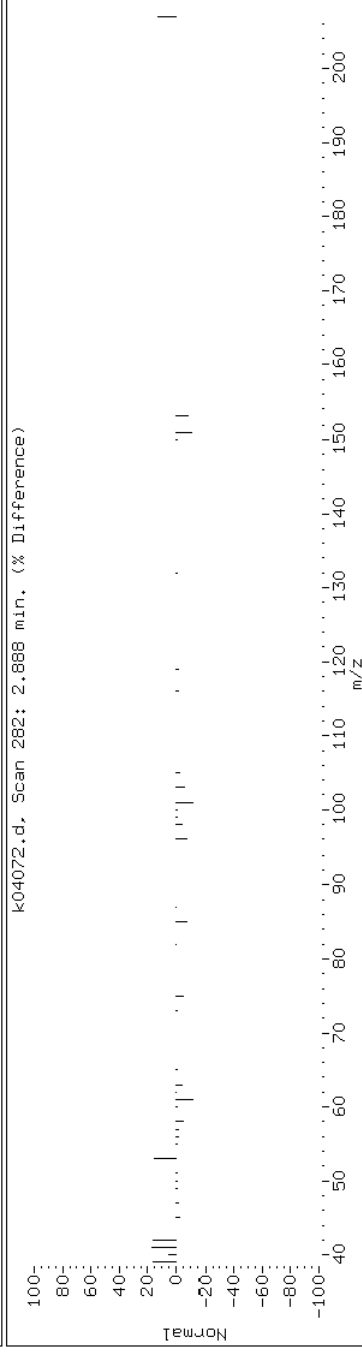
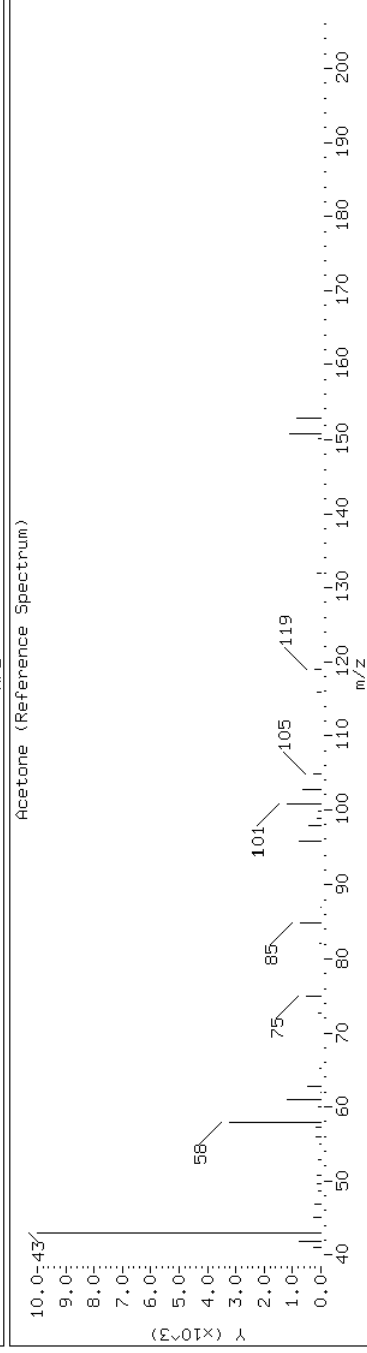
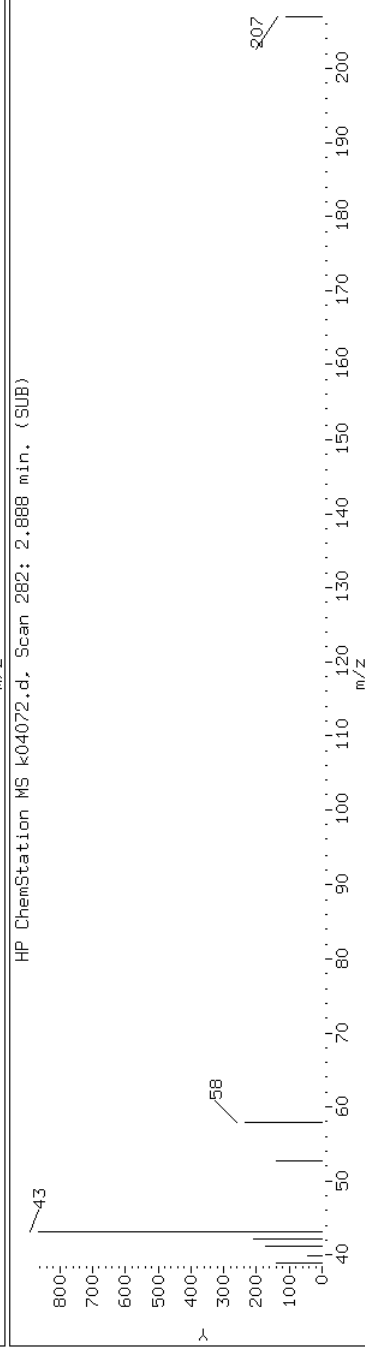
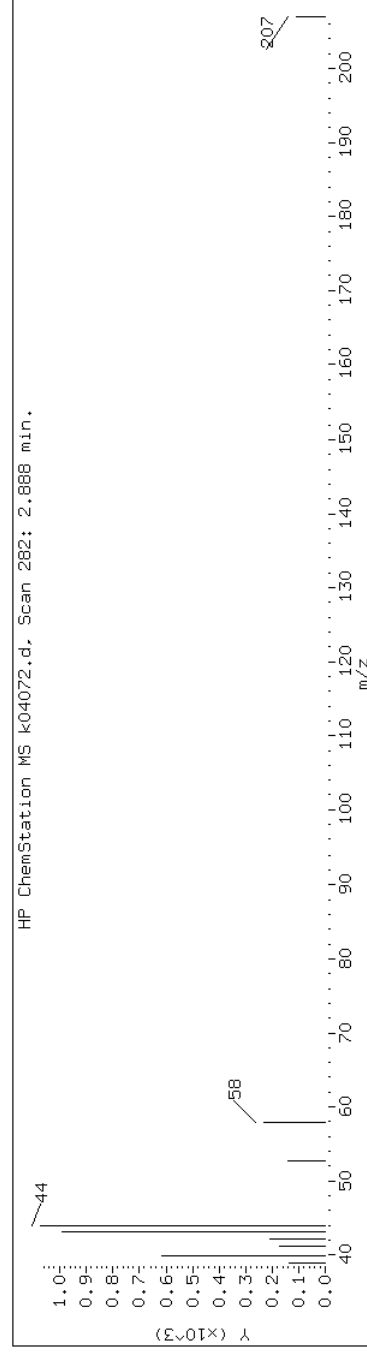
Client ID:

Instrument: VOAMS9.i

Sample Info: MB

Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-126458/5

Matrix: Solid Lab File ID: k04100.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 09/04/2012 08:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 126458 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.16
74-83-9	Bromomethane	1.0	U	1.0	0.43
75-01-4	Vinyl chloride	1.0	U	1.0	0.34
75-00-3	Chloroethane	1.0	U	1.0	0.33
75-09-2	Methylene Chloride	0.835	J	1.0	0.15
67-64-1	Acetone	10	U	10	1.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.11
67-66-3	Chloroform	1.0	U	1.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.18
78-93-3	Methyl Ethyl Ketone	10	U	10	0.63
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.15
75-27-4	Bromodichloromethane	1.0	U	1.0	0.32
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.14
79-01-6	Trichloroethene	1.0	U	1.0	0.12
124-48-1	Dibromochloromethane	1.0	U	1.0	0.10
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14
71-43-2	Benzene	1.0	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.10
75-25-2	Bromoform	1.0	U	1.0	0.17
108-10-1	methyl isobutyl ketone	10	U	10	0.20
591-78-6	2-Hexanone	10	U	10	0.13
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.14
108-90-7	Chlorobenzene	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	1.0	U	1.0	0.17
100-42-5	Styrene	1.0	U	1.0	0.28
1330-20-7	Xylenes, Total	3.0	U	3.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-126458/5
Matrix: Solid Lab File ID: k04100.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 09/04/2012 08:23
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 126458 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04100.d
 Report Date: 04-Sep-2012 08:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04100.d
 Lab Smp Id: MB
 Inj Date : 04-SEP-2012 08:23
 Operator : VOAMS 9
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/8260L_10.m
 Meth Date : 04-Sep-2012 06:15 desais
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i

Quant Type: ISTD

Cal File: k03888.d

QC Sample: BLANK

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	(ug/L)	FINAL
	=====	==	=====	=====	=====	=====	=====	=====
6 Methylene Chloride	84	3.262	3.262	(0.600)	3056	0.83500		0.84(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.162	5.167	(0.949)	134838	47.9283		48
* 69 Fluorobenzene	96	5.440	5.440	(1.000)	604348	50.0000		
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	527256	46.3653		46
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	432549	50.0000		
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	205368	50.5837		50
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	224457	50.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04100.d

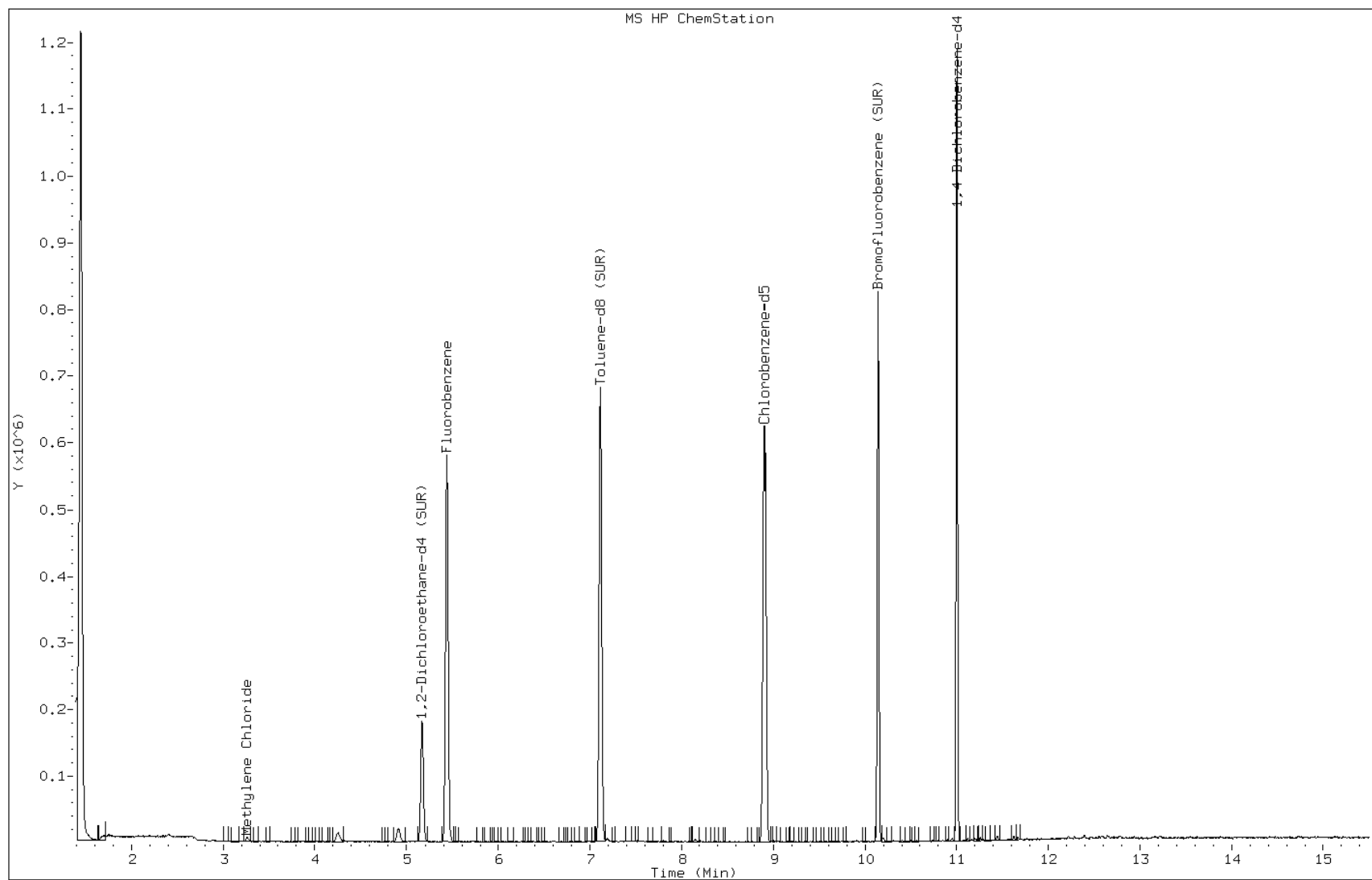
Date: 04-SEP-2012 08:23

Client ID:

Instrument: VOAMS9.i

Sample Info: MB

Operator: VOAMS 9



Data File: k04100.d

Date: 04-SEP-2012 08:23

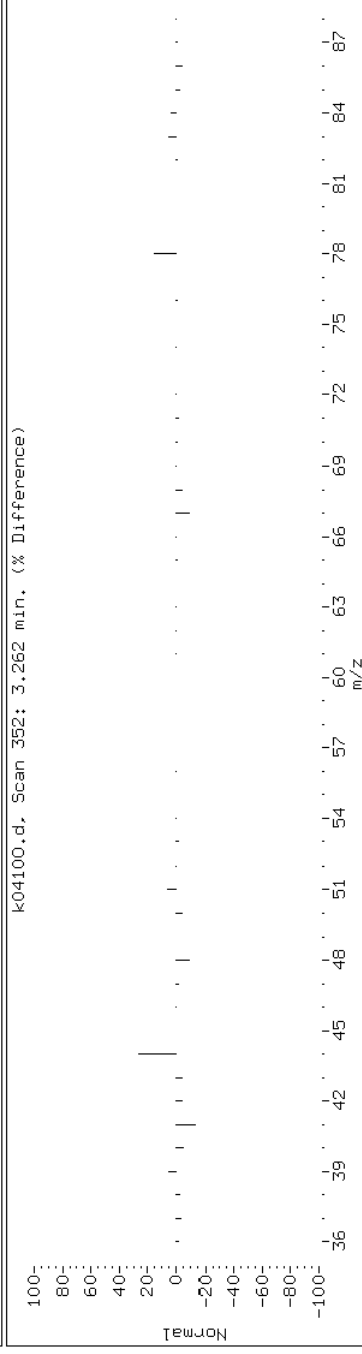
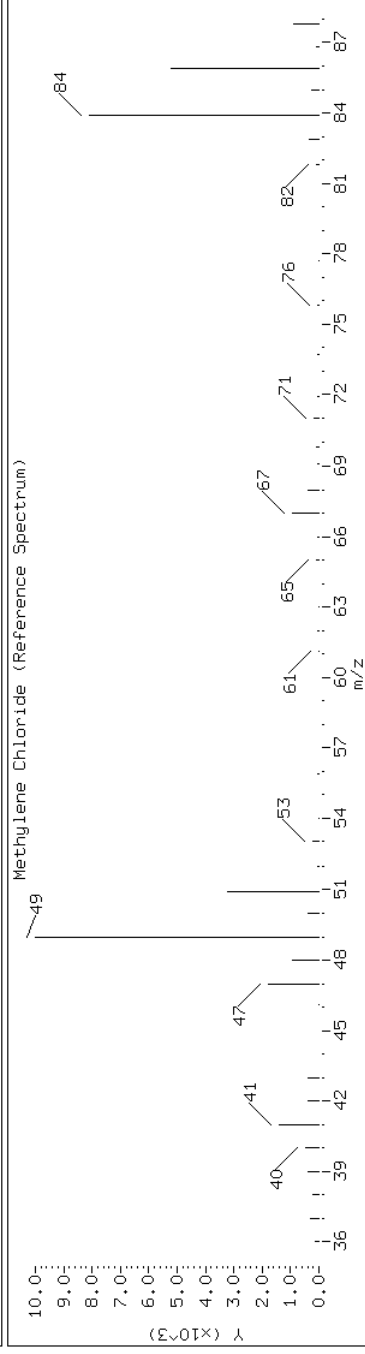
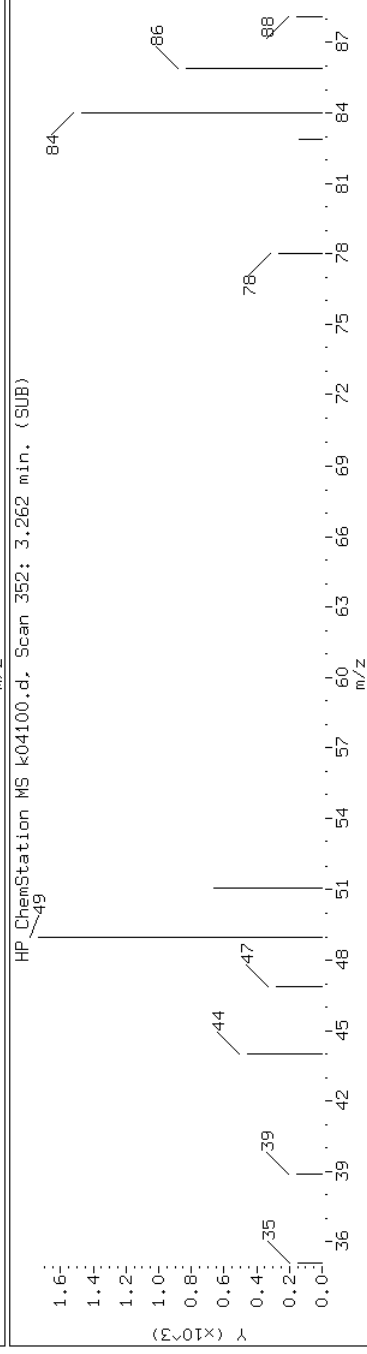
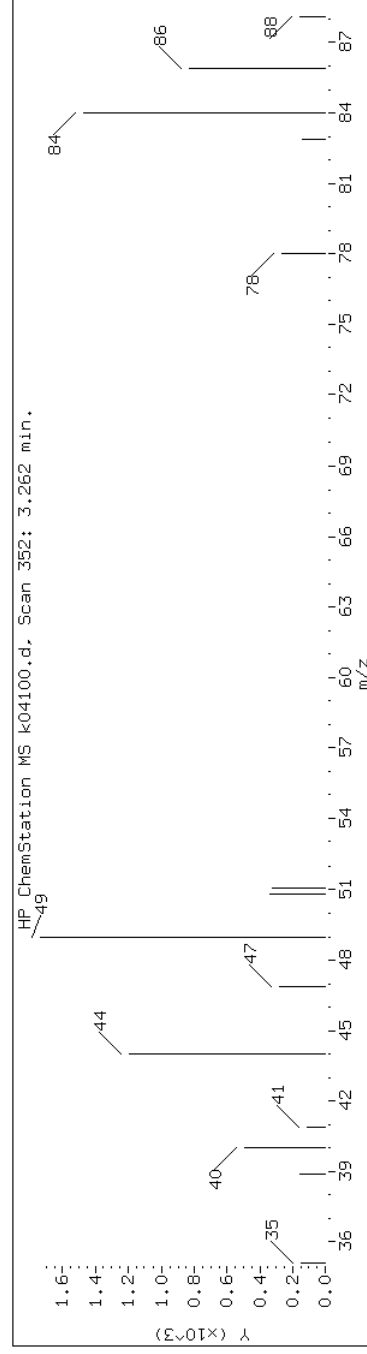
Client ID:

Instrument: VOAMS9.i

Sample Info: MB

Operator: VOAMS 9

6 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LB3 460-125520/1-A

Matrix: Solid Lab File ID: k04077.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(g) Date Analyzed: 08/31/2012 14:03

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.16
74-83-9	Bromomethane	1.0	U	1.0	0.43
75-01-4	Vinyl chloride	1.0	U	1.0	0.34
75-00-3	Chloroethane	1.0	U	1.0	0.33
75-09-2	Methylene Chloride	0.423	J	1.0	0.15
67-64-1	Acetone	2.64	J	10	1.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.19
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.11
67-66-3	Chloroform	1.0	U	1.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.18
78-93-3	Methyl Ethyl Ketone	10	U	10	0.63
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.15
75-27-4	Bromodichloromethane	1.0	U	1.0	0.32
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.14
79-01-6	Trichloroethene	1.0	U	1.0	0.12
124-48-1	Dibromochloromethane	1.0	U	1.0	0.10
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14
71-43-2	Benzene	1.0	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.10
75-25-2	Bromoform	1.0	U	1.0	0.17
108-10-1	methyl isobutyl ketone	10	U	10	0.20
591-78-6	2-Hexanone	10	U	10	0.13
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.14
108-90-7	Chlorobenzene	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	1.0	U	1.0	0.17
100-42-5	Styrene	1.0	U	1.0	0.28
1330-20-7	Xylenes, Total	3.0	U	3.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LB3 460-125520/1-A
Matrix: Solid Lab File ID: k04077.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(g) Date Analyzed: 08/31/2012 14:03
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04077.d
 Report Date: 02-Sep-2012 10:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04077.d
 Lab Smp Id: LB3 460-125520/1-A
 Inj Date : 31-AUG-2012 14:03
 Operator : VOAMS 9
 Smp Info : LB3 460-125520/1-A
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 13
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i

Quant Type: ISTD

Cal File: k03888.d

Compound Sublist: all.sub

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
7 Acetone		43	2.909	2.904	(0.535)	2598	2.64217	2.6(a)
6 Methylene Chloride		84	3.262	3.252	(0.600)	1531	0.42279	0.42(a)
\$ 16 1,2-Dichloroethane-d4 (SUR)		65	5.167	5.162	(0.950)	131551	47.2593	47
* 69 Fluorobenzene		96	5.440	5.434	(1.000)	597961	50.0000	
\$ 37 Toluene-d8 (SUR)		98	7.114	7.114	(0.799)	516570	46.7051	47
* 32 Chlorobenzene-d5		117	8.906	8.906	(1.000)	420699	50.0000	
\$ 41 Bromofluorobenzene (SUR)		174	10.142	10.142	(0.922)	197442	49.4858	49
* 91 1,4-Dichlorobenzene-d4		152	11.003	11.003	(1.000)	220582	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: k04077.d

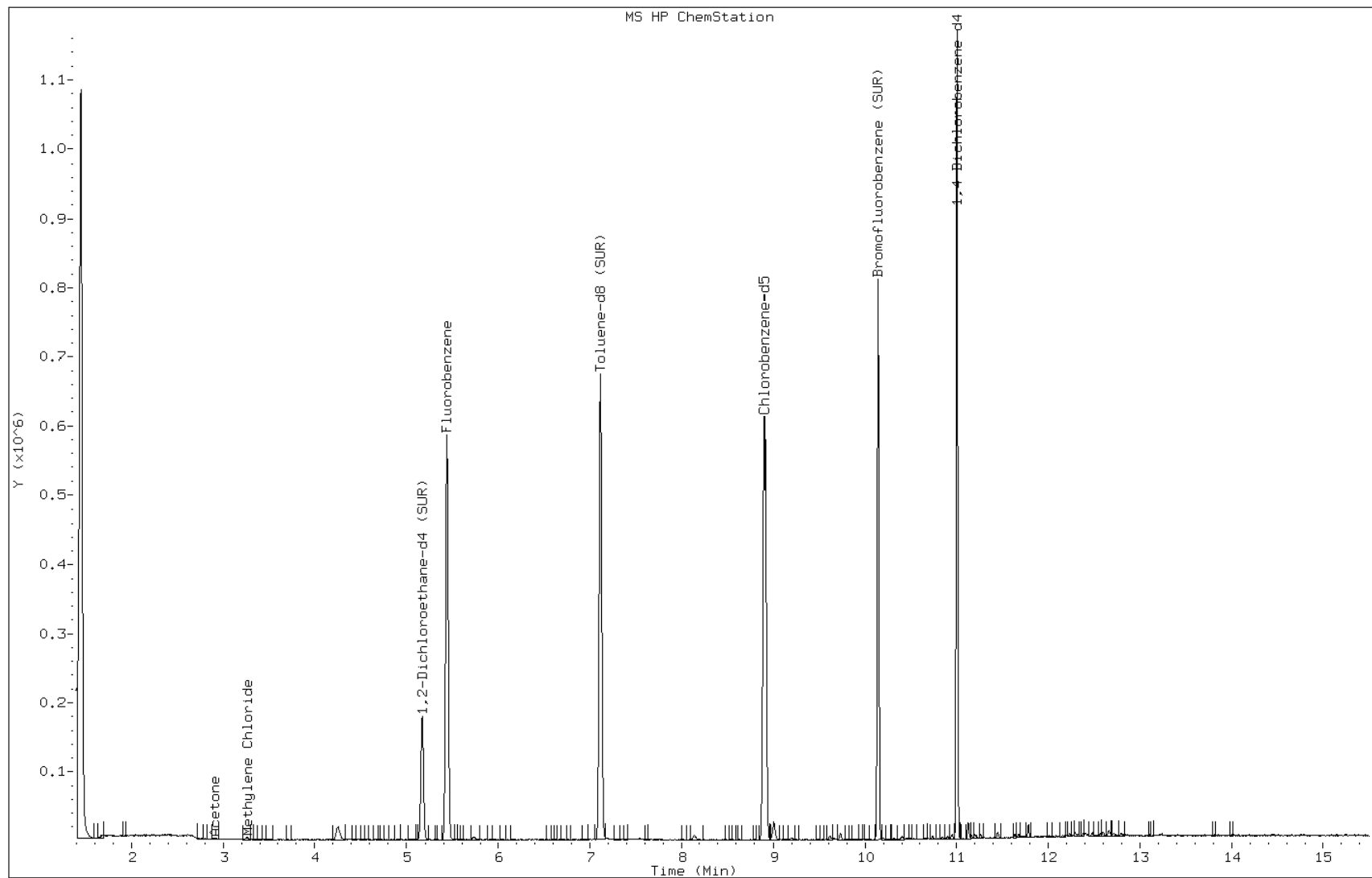
Date: 31-AUG-2012 14:03

Client ID:

Instrument: VOAMS9.i

Sample Info: LB3 460-125520/1-A

Operator: VOAMS 9



Data File: k04077.d

Date: 31-AUG-2012 14:03

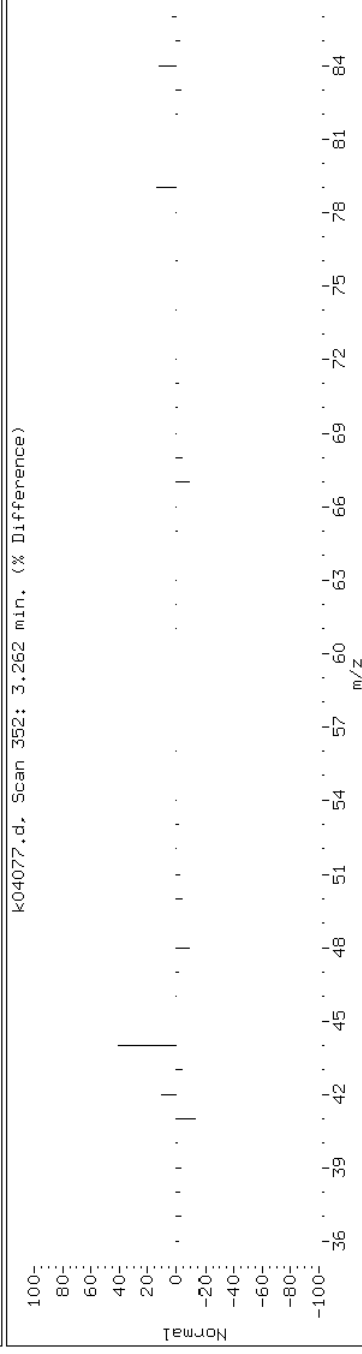
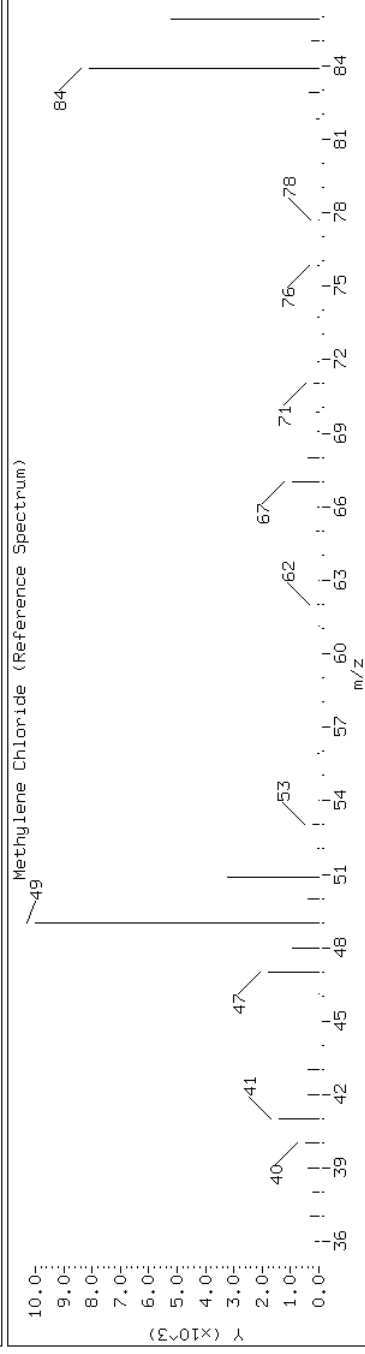
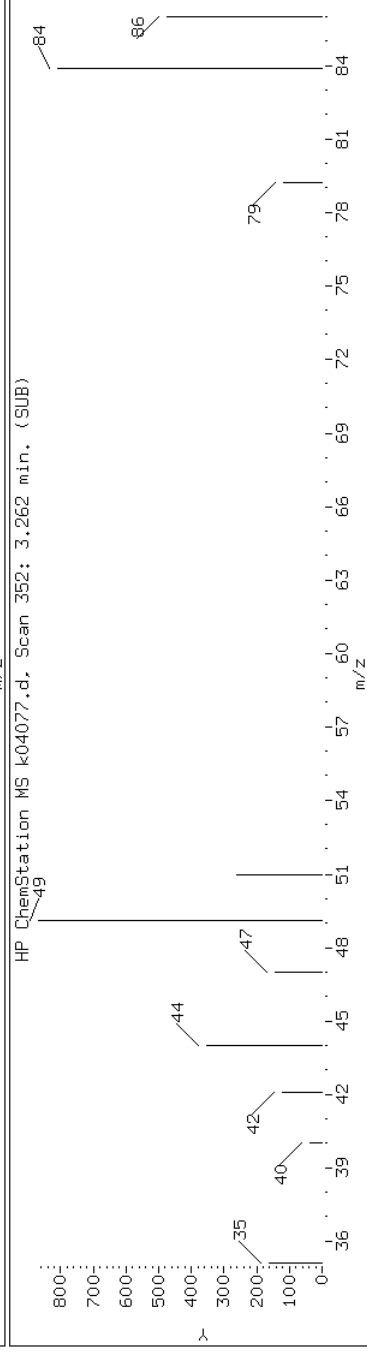
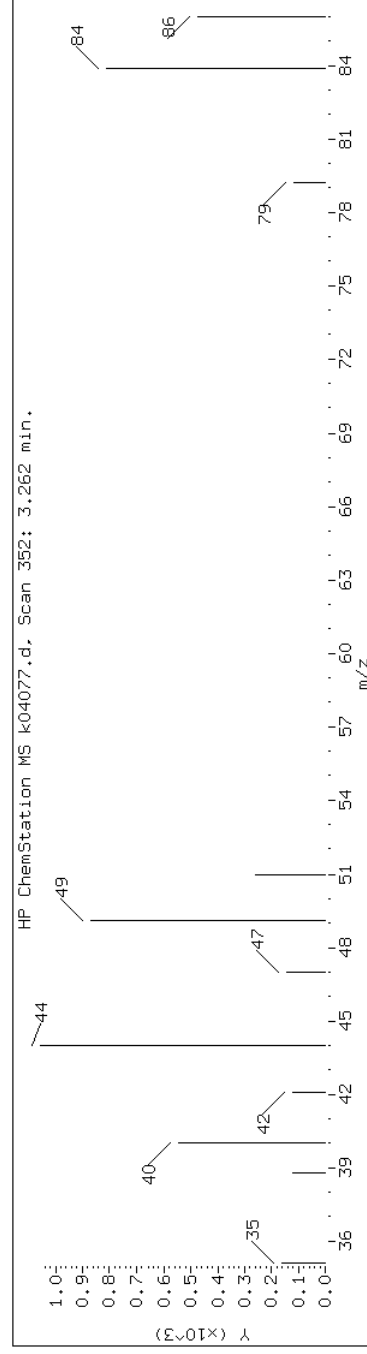
Client ID:

Instrument: VOAMS9.i

Sample Info: LB3 460-125520/1-A

Operator: VOAMS 9

6 Methylene Chloride



Data File: k04077.d

Date: 31-AUG-2012 14:03

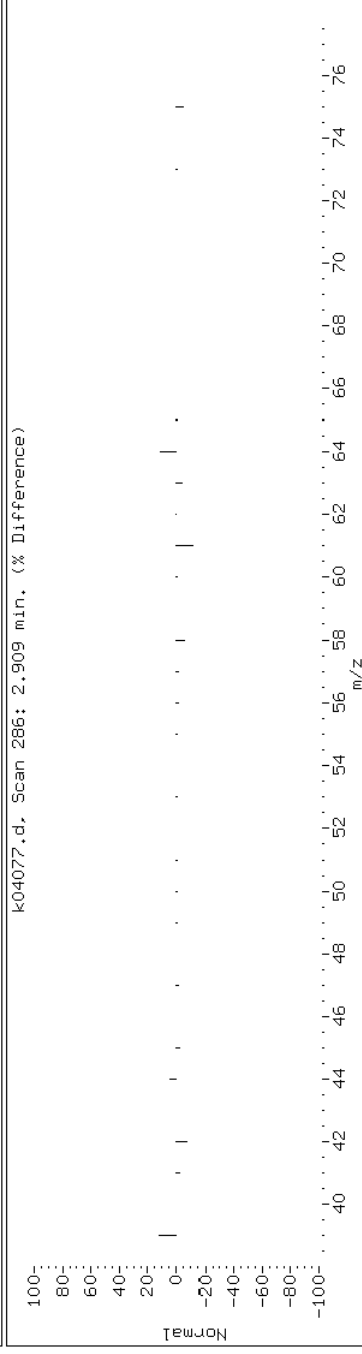
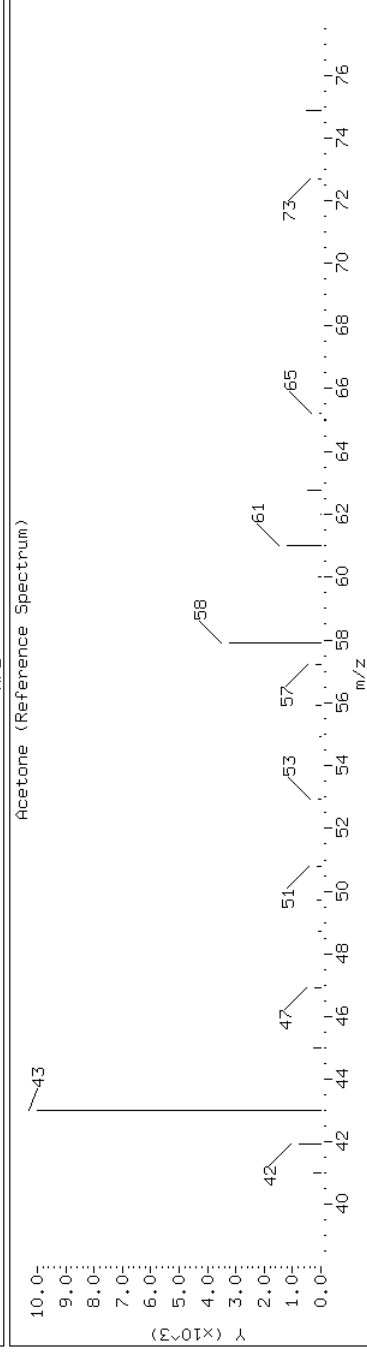
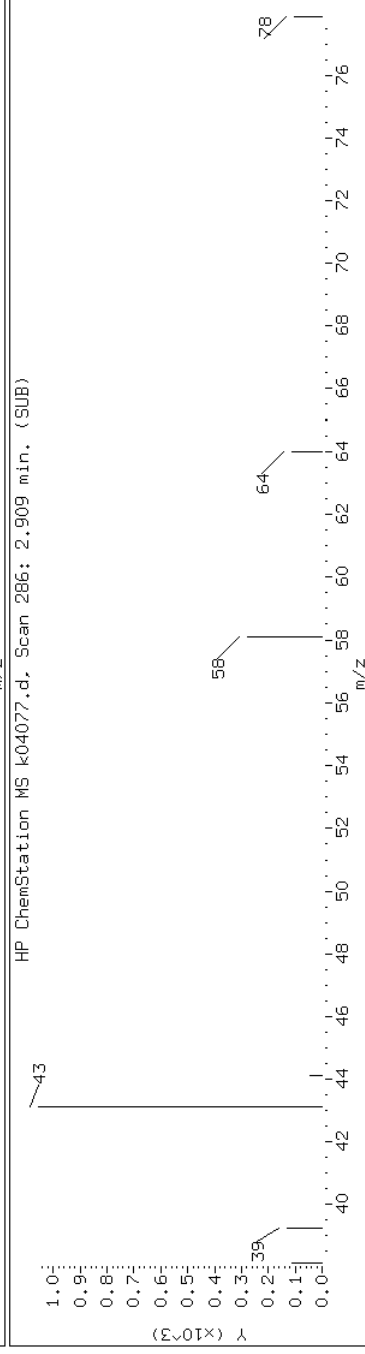
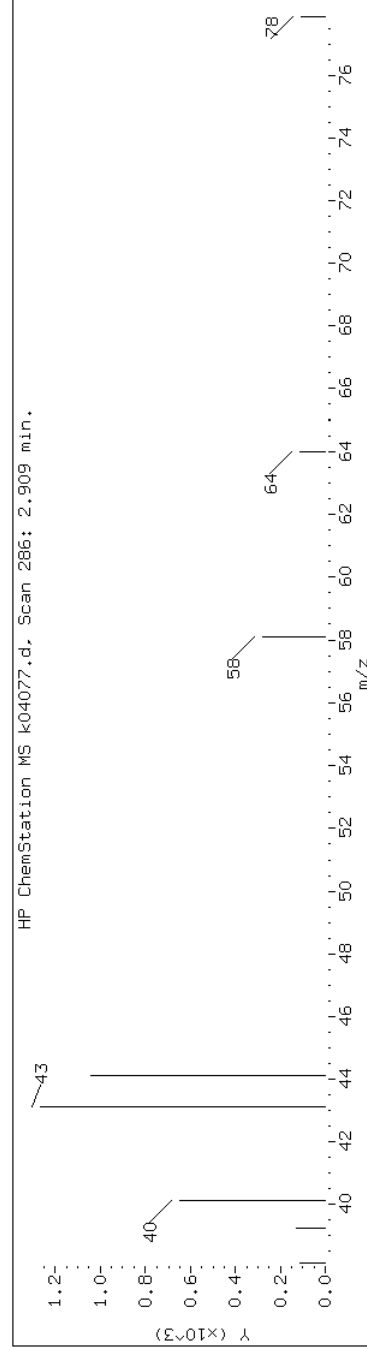
Client ID:

Instrument: VOAMS9.i

Sample Info: LB3 460-125520/1-A

Operator: VOAMS 9

7 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-125772/3

Matrix: Water Lab File ID: c70485.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/28/2012 00:31

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 125772 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	14.5		1.0	0.10
74-83-9	Bromomethane	16.8		1.0	0.18
75-01-4	Vinyl chloride	16.0		1.0	0.14
75-00-3	Chloroethane	17.2		1.0	0.17
75-09-2	Methylene Chloride	20.4		1.0	0.18
67-64-1	Acetone	28.4		5.0	2.7
75-15-0	Carbon disulfide	32.1		1.0	0.13
75-35-4	1,1-Dichloroethene	23.1		1.0	0.090
75-34-3	1,1-Dichloroethane	17.9		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.18
67-66-3	Chloroform	18.3		1.0	0.080
107-06-2	1,2-Dichloroethane	18.3		1.0	0.19
78-93-3	Methyl Ethyl Ketone	20.6		5.0	2.3
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.060
56-23-5	Carbon tetrachloride	20.0		1.0	0.060
75-27-4	Bromodichloromethane	18.2		1.0	0.12
78-87-5	1,2-Dichloropropane	17.3		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	17.9		1.0	0.18
79-01-6	Trichloroethene	18.3		1.0	0.090
124-48-1	Dibromochloromethane	18.9		1.0	0.20
79-00-5	1,1,2-Trichloroethane	17.4		1.0	0.19
71-43-2	Benzene	19.2		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	17.3		1.0	0.24
75-25-2	Bromoform	18.7		1.0	0.19
108-10-1	methyl isobutyl ketone	15.3		5.0	0.99
591-78-6	2-Hexanone	18.0		5.0	0.50
127-18-4	Tetrachloroethene	20.0		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	17.4		1.0	0.16
108-88-3	Toluene	18.7		1.0	0.15
108-90-7	Chlorobenzene	18.3		1.0	0.11
100-41-4	Ethylbenzene	18.6		1.0	0.10
100-42-5	Styrene	18.1		1.0	0.12
1330-20-7	Xylenes, Total	55.7		3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-125772/3
Matrix: Water Lab File ID: c70485.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/28/2012 00:31
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 125772 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	107		70-130

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70485.d
 Report Date: 29-Aug-2012 13:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70485.d
 Lab Smp Id: LCS
 Inj Date : 28-AUG-2012 00:31
 Operator : Inst ID: VOAMS3.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/8260_09.m
 Meth Date : 27-Aug-2012 23:51 ken Quant Type: ISTD
 Cal Date : 14-AUG-2012 16:08 Cal File: c69971.d
 Als bottle: 4 QC Sample: BS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
2 Dichlorodifluoromethane	85	1.520	1.520	(0.262)	30593	17.0184	17	
3 Chloromethane	50	1.721	1.721	(0.296)	37369	14.5163	14	
4 Vinyl Chloride	62	1.794	1.794	(0.309)	36835	15.9869	16	
6 Bromomethane	94	2.074	2.074	(0.357)	21105	16.7863	17	
5 Chloroethane	64	2.171	2.171	(0.374)	21767	17.1609	17	
180 Dichlorofluoromethane	67	2.372	2.372	(0.408)	61023	19.0893	19	
7 Trichlorofluoromethane	101	2.378	2.378	(0.409)	51337	18.0752	18	
8 n-Pentane	72	2.427	2.427	(0.418)	11562	47.4682	47	
9 Ethanol	46	2.597	2.597	(0.447)	33550	1961.00	2000	
10 Isoprene	67	2.658	2.652	(0.458)	46123	23.5928	24	
11 Ethyl Ether	59	2.640	2.640	(0.454)	28636	19.6212	20	
13 Acrolein	56	2.822	2.822	(0.486)	13619	36.4051	36	
15 1,1-Dichloroethene	96	2.852	2.852	(0.491)	26897	23.1391	23	
14 Freon TF	101	2.816	2.810	(0.485)	29441	20.2028	20	
16 Acetone	43	2.956	2.956	(0.509)	23161	28.4195	28	
17 Iodomethane	142	3.017	3.017	(0.519)	19699	9.52962	9.5	

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70485.d
 Report Date: 29-Aug-2012 13:36

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	3.053	3.053	(0.526)	91454	32.0730	32(R)
20 Allyl Chloride	76	3.199	3.199	(0.551)	18003	22.1712	22
21 Acetonitrile	39	3.278	3.278	(0.564)	18930	233.577	230
170 Cyclopentene	67	3.224	3.224	(0.555)	83100	24.7984	25
27 Methyl Acetate	43	3.217	3.218	(0.554)	35248	14.1356	14
22 Methylene Chloride	84	3.339	3.339	(0.575)	31872	20.4268	20
24 TBA	59	3.418	3.418	(0.588)	90106	317.981	320
25 trans-1,2-Dichloroethene	96	3.546	3.546	(0.610)	31185	20.6450	21
26 Acrylonitrile	53	3.631	3.637	(0.625)	15588	16.5966	16
28 MTBE	73	3.522	3.522	(0.606)	100583	17.6060	18
29 Hexane	56	3.728	3.722	(0.642)	22943	28.0801	28(R)
30 1,1-Dichloroethane	63	3.996	3.996	(0.688)	58364	17.8936	18
31 Vinyl Acetate	43	4.014	4.014	(0.691)	139919	35.5394	36
32 DIPE	45	3.966	3.966	(0.683)	108443	16.4407	16
33 Allyl Alcohol	57	4.039	4.033	(0.695)	132080	1948.49	1900
34 n-Propanol	60	4.093	4.087	(0.705)	25819	2006.36	2000(R)
35 t-Butyl-ethyl-ether	59	4.325	4.325	(0.744)	108019	17.3867	17
37 2,2-Dichloropropane	77	4.550	4.556	(0.783)	55246	19.1127	19
36 cis-1,2-Dichloroethene	96	4.580	4.580	(0.788)	36508	18.9255	19
38 2-Butanone	72	4.617	4.617	(0.795)	7409	20.5525	20
39 Ethyl Acetate	70	4.617	4.617	(0.795)	9939	37.9366	38
40 Bromochloromethane	128	4.842	4.842	(0.833)	17992	18.0075	18
41 Tetrahydrofuran	42	4.848	4.848	(0.835)	16465	17.0160	17
42 Chloroform	83	4.903	4.903	(0.844)	59483	18.3293	18
43 1,1,1-Trichloroethane	97	5.067	5.061	(0.872)	52489	19.1532	19
44 Cyclohexane	56	5.043	5.049	(0.868)	55534	20.9049	21
45 Carbon Tetrachloride	117	5.201	5.207	(0.895)	45600	19.9841	20
46 1,1-Dichloropropene	75	5.243	5.243	(0.903)	44777	17.7354	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.493	5.493	(0.946)	230215	57.1454	57
48 Benzene	78	5.468	5.475	(0.627)	139053	19.2060	19
173 Propionitrile	54	4.763	4.763	(0.820)	13733	33.1714	33
49 1,2-Dichloroethane	62	5.578	5.578	(0.960)	50706	18.2559	18
181 Isobutyl Alcohol	43	5.401	5.402	(0.930)	307118	2045.68	2000
174 Methacrylonitrile	67	4.878	4.884	(0.840)	35207	16.3506	16
51 n-Heptane	57	5.663	5.663	(0.975)	23999	22.2633	22
50 t-Amyl-methyl-ether	73	5.554	5.554	(0.956)	100662	17.7808	18
61 Isopropyl Acetate	43	5.554	5.554	(0.956)	196817	32.5657	32
* 52 Fluorobenzene	96	5.809	5.809	(1.000)	707474	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	6.065	6.065	(1.044)	23771	38.8090	39
54 Trichloroethene	95	6.217	6.217	(1.070)	33845	18.3274	18
53 n-Butanol	41	6.180	6.180	(1.064)	67339	943.801	940
56 Methyl cyclohexane	83	6.350	6.351	(1.093)	55887	21.1658	21
55 Ethyl Acrylate	55	6.357	6.357	(1.094)	98866	18.8296	19
57 1,2-Dichloropropane	63	6.521	6.521	(1.123)	34844	17.2899	17
58 Dibromomethane	93	6.649	6.649	(1.145)	22647	17.9570	18(R)
60 1,4-Dioxane	88	6.643	6.649	(1.143)	4647	103.253	100
59 Methyl Methacrylate	100	6.612	6.612	(1.138)	12101	17.3691	17

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70485.d
 Report Date: 29-Aug-2012 13:36

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
75 Propyl Acetate	43	6.667	6.667	(1.148)	61610	30.6094	31
68 Bromodichloromethane	83	6.795	6.795	(1.170)	47306	18.1511	18
62 2-Chloroethyl Vinyl Ether	63	7.111	7.111	(1.224)	17442	14.0415	14
63 Epichlorohydrin	57	7.202	7.202	(0.826)	87510	323.662	320
67 cis-1,3-Dichloropropene	75	7.251	7.251	(0.831)	57503	17.8856	18
70 4-Methyl-2-Pentanone	43	7.391	7.391	(0.847)	41199	15.2585	15
\$ 65 Toluene-d8 (SUR)	98	7.452	7.452	(0.854)	649265	55.5685	56
66 Toluene	91	7.512	7.519	(0.861)	152166	18.7017	19
64 trans-1,3-Dichloropropene	75	7.786	7.786	(0.893)	55062	17.2765	17
69 1,1,2-Trichloroethane	83	7.944	7.944	(0.911)	27691	17.3518	17
71 Tetrachloroethene	166	7.981	7.981	(0.915)	41526	19.9631	20
175 Ethyl methacrylate	69	7.804	7.811	(1.343)	48298	16.3193	16
72 1,3-Dichloropropane	76	8.096	8.097	(0.928)	58325	17.5226	18
73 2-Hexanone	43	8.139	8.139	(0.933)	35049	17.9815	18
74 Dibromochloromethane	129	8.261	8.255	(0.947)	37758	18.8663	19
76 Butyl Acetate	73	8.212	8.212	(0.941)	21842	33.2656	33
77 1,2-Dibromoethane	107	8.370	8.370	(0.960)	36749	18.1056	18
* 78 Chlorobenzene-d5	117	8.723	8.723	(1.000)	561796	50.0000	
79 Chlorobenzene	112	8.747	8.747	(1.003)	97892	18.2589	18
80 1,1,1,2-Tetrachloroethane	131	8.814	8.820	(1.010)	34458	17.4157	17
81 Ethylbenzene	106	8.808	8.808	(1.010)	51451	18.6370	19
82 m+p-Xylene	106	8.906	8.900	(1.021)	131028	36.9833	37
84 o-Xylene	106	9.216	9.216	(1.056)	66303	18.7482	19
85 Styrene	104	9.240	9.240	(1.059)	108815	18.1021	18
83 Butyl Acrylate	73	9.185	9.185	(1.053)	27106	16.4241	16
86 Bromoform	173	9.404	9.405	(1.078)	29091	18.7114	19
87 Amyl Acetate	43	9.356	9.350	(0.893)	68961	25.7129	26
88 Isopropylbenzene	105	9.490	9.490	(1.088)	159414	18.1818	18
\$ 89 Bromofluorobenzene (SUR)	174	9.642	9.648	(0.920)	264539	53.6767	54
90 Camphene (total)	41	9.666	9.666	(1.108)	14251	17.7766	18
91 Bromobenzene	156	9.757	9.757	(0.931)	43952	17.2457	17
92 1,1,2,2-Tetrachloroethane	83	9.769	9.770	(0.932)	48581	17.3609	17
93 1,2,3-Trichloropropane	110	9.806	9.812	(0.936)	15443	17.0951	17
94 trans-1,4-Dichloro-2-butene	53	9.818	9.818	(0.937)	15475	15.9004	16
95 n-Propylbenzene	91	9.794	9.794	(0.934)	196849	18.5407	18
96 2-Chlorotoluene	91	9.885	9.885	(0.943)	131280	18.3271	18
97 1,3,5-Trimethylbenzene	105	9.928	9.928	(0.947)	136868	18.4411	18
98 4-Chlorotoluene	91	9.970	9.970	(0.951)	120773	18.2129	18
99 Butyl Methacrylate	87	9.982	9.982	(0.952)	46636	16.8912	17
184 4-Ethyltoluene	105	9.879	9.879	(1.701)	170233	22.6805	23
100 tert-Butylbenzene	119	10.159	10.159	(0.969)	112090	17.2185	17
101 1,2,4-Trimethylbenzene	105	10.201	10.201	(0.973)	141780	18.6491	19
103 sec-Butylbenzene	105	10.317	10.317	(0.984)	171230	18.0406	18
105 1,3-Dichlorobenzene	146	10.433	10.433	(0.995)	82204	18.0198	18
107 p-Isopropyltoluene	119	10.414	10.414	(0.994)	145345	18.1199	18
* 108 1,4-Dichlorobenzene-d4	152	10.481	10.481	(1.000)	303087	50.0000	
109 1,4-Dichlorobenzene	146	10.499	10.500	(1.002)	85867	17.8738	18

Data File: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b/c70485.d
 Report Date: 29-Aug-2012 13:36

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
110 Benzyl Chloride	91	10.603	10.603	(1.012)	98609	18.0239	18
183 1,4-Diethylbenzene	119	10.688	10.682	(1.840)	95861	18.4735	18
106 n-Butylbenzene	91	10.706	10.706	(1.021)	164604	18.0075	18
171 Indan	117	10.658	10.658	(1.835)	151463	18.0819	18
111 1,2-Dichlorobenzene	146	10.773	10.773	(1.028)	79457	17.9226	18
182 1,2,4,5-Tetramethylbenzene	119	11.242	11.242	(1.935)	130447	17.4562	17
112 1,2-Dibromo-3-chloropropane	75	11.339	11.333	(1.082)	10607	15.7144	16
114 1,2,4-Trichlorobenzene	180	11.972	11.972	(1.142)	55121	18.0959	18
115 Hexachlorobutadiene	225	12.063	12.057	(1.151)	24862	14.2249	14
116 Naphthalene	128	12.209	12.209	(1.165)	140937	20.3552	20
117 1,2,3-Trichlorobenzene	180	12.440	12.434	(1.187)	49445	21.0095	21
M 120 1,2-Dichloroethene (Total)	100				67693	39.5705	40
M 121 Xylene (Total)	100				197331	55.7315	56

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: c70485.d

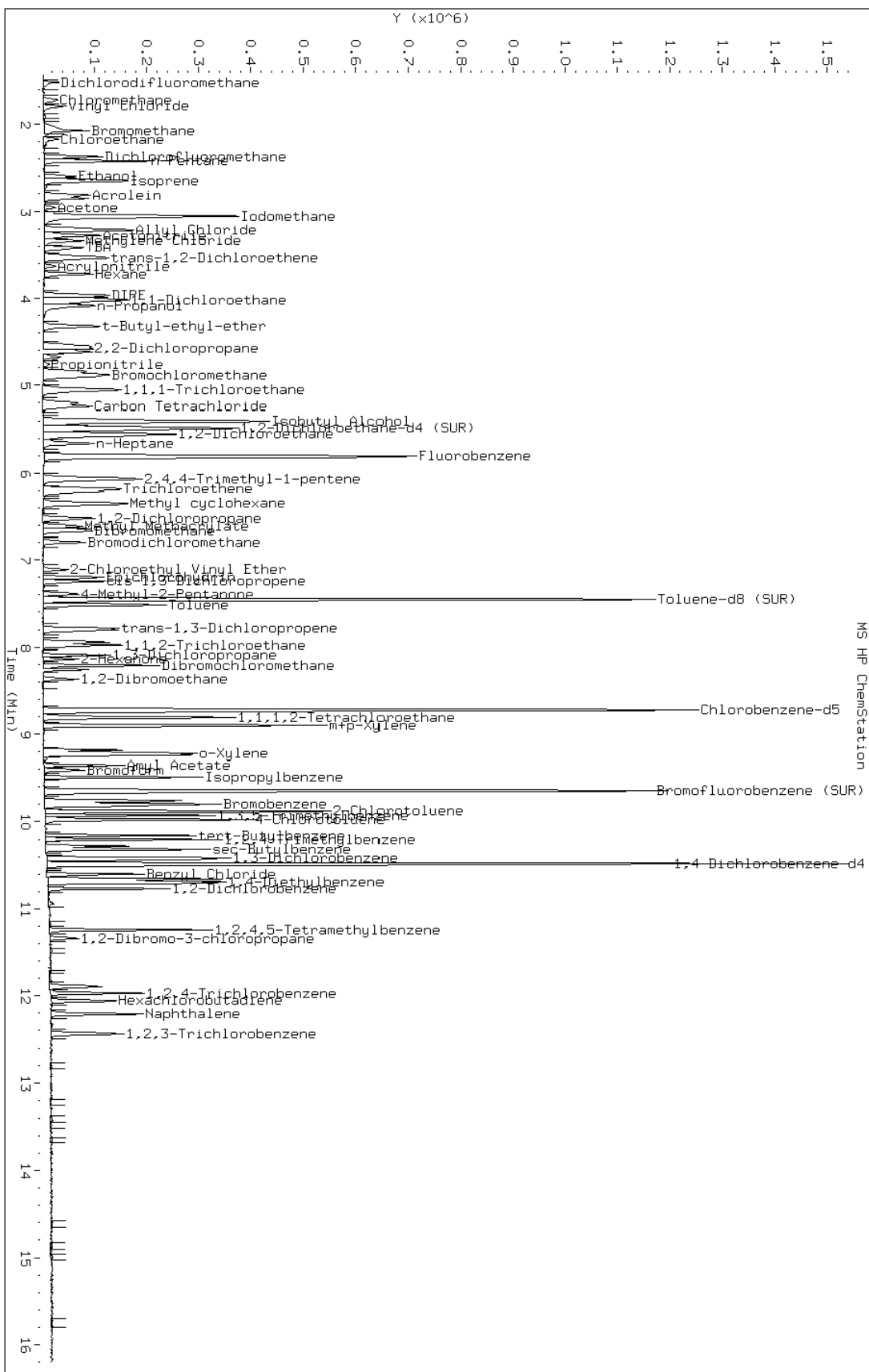
Date: 28-AUG-2012 00:31

Client ID:

Sample Info: LCS

Instrument: VOAMS3.i

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-126321/3

Matrix: Solid Lab File ID: k04067.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/31/2012 10:02

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.5		1.0	0.16
74-83-9	Bromomethane	23.0		1.0	0.43
75-01-4	Vinyl chloride	14.0		1.0	0.34
75-00-3	Chloroethane	18.1		1.0	0.33
75-09-2	Methylene Chloride	19.9		1.0	0.15
67-64-1	Acetone	16.3		10	1.7
75-15-0	Carbon disulfide	15.6		1.0	0.15
75-35-4	1,1-Dichloroethene	18.0		1.0	0.19
75-34-3	1,1-Dichloroethane	16.8		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	16.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	16.9		1.0	0.11
67-66-3	Chloroform	17.4		1.0	0.24
107-06-2	1,2-Dichloroethane	17.1		1.0	0.18
78-93-3	Methyl Ethyl Ketone	21.5		10	0.63
71-55-6	1,1,1-Trichloroethane	17.0		1.0	0.13
56-23-5	Carbon tetrachloride	16.7		1.0	0.15
75-27-4	Bromodichloromethane	17.3		1.0	0.32
78-87-5	1,2-Dichloropropane	17.1		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	16.3		1.0	0.14
79-01-6	Trichloroethene	16.6		1.0	0.12
124-48-1	Dibromochloromethane	18.1		1.0	0.10
79-00-5	1,1,2-Trichloroethane	17.3		1.0	0.14
71-43-2	Benzene	16.7		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.10
75-25-2	Bromoform	18.1		1.0	0.17
108-10-1	methyl isobutyl ketone	17.3		10	0.20
591-78-6	2-Hexanone	19.2		10	0.13
127-18-4	Tetrachloroethene	17.6		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.0	0.090
108-88-3	Toluene	16.8		1.0	0.14
108-90-7	Chlorobenzene	17.8		1.0	0.18
100-41-4	Ethylbenzene	17.0		1.0	0.17
100-42-5	Styrene	17.3		1.0	0.28
1330-20-7	Xylenes, Total	52.0		3.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-126321/3
Matrix: Solid Lab File ID: k04067.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/31/2012 10:02
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	4-Bromofluorobenzene	95		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04067.d
 Report Date: 31-Aug-2012 10:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04067.d
 Lab Smp Id: LCS
 Inj Date : 31-AUG-2012 10:02
 Operator : VOAMS 9
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i

Quant Type: ISTD

Cal File: k03888.d

QC Sample: METHSPIKE

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
90 Dichlorodifluoromethane	85	1.577	1.572	(0.290)	79367	16.9267	17	
1 Chloromethane	50	1.732	1.732	(0.319)	82887	15.5326	16	
4 Vinyl Chloride	62	1.834	1.834	(0.337)	95013	14.0018	14	
3 Bromomethane	94	2.117	2.123	(0.390)	62200	22.9921	23	
5 Chloroethane	64	2.176	2.187	(0.400)	48175	18.0686	18	
9 Trichlorofluoromethane	101	2.374	2.385	(0.437)	121231	14.8237	15	
121 n-Pentane	72	2.396	2.396	(0.441)	22953	30.4504	30	
127 Ethanol	46	2.545	2.562	(0.468)	57702	2969.12	3000	
46 Ethyl Ether	59	2.599	2.594	(0.478)	51908	17.9899	18	
119 Isoprene	67	2.615	2.615	(0.481)	109919	17.1342	17	
157 Dichlorofluoromethane	67	2.369	2.369	(0.436)	164112	16.7749	17	
47 Acrolein	56	2.770	2.776	(0.510)	143781	263.245	260	
10 1,1-Dichloroethene	96	2.802	2.802	(0.516)	70719	17.9921	18	
48 Freon TF	101	2.791	2.792	(0.514)	85160	15.9235	16	

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04067.d
 Report Date: 31-Aug-2012 10:32

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.893	2.904	(0.532)	18383	16.3478	16
142 Iodomethane	142	2.957	2.963	(0.544)	144876	16.6106	17
8 Carbon Disulfide	76	2.995	2.995	(0.551)	266648	15.6103	16
50 Acetonitrile	41	3.198	3.198	(0.588)	157467	355.359	360
125 Methyl acetate	74	3.134	3.139	(0.577)	11322	15.5982	16
6 Methylene Chloride	84	3.252	3.252	(0.598)	83031	19.8612	20
51 TBA	59	3.321	3.327	(0.611)	164737	364.382	360
52 Acrylonitrile	53	3.519	3.519	(0.648)	163003	133.940	130
12 trans-1,2-Dichloroethene	96	3.439	3.444	(0.633)	78242	16.6488	17
53 MTBE	73	3.417	3.418	(0.629)	197030	17.2368	17
54 Hexane	56	3.594	3.599	(0.661)	53155	16.1726	16
11 1,1-Dichloroethane	63	3.845	3.845	(0.708)	132091	16.8058	17
57 Vinyl Acetate	43	3.851	3.856	(0.709)	320497	47.9591	48(R)
55 DIPE	45	3.813	3.813	(0.702)	211873	16.2100	16
149 tert-Butyl ethyl ether	59	4.129	4.129	(0.760)	211434	16.5172	16
104 2,2-Dichloropropane	77	4.348	4.354	(0.800)	118288	16.3781	16
13 cis-1,2-Dichloroethene	96	4.370	4.370	(0.804)	87503	16.9395	17
18 2-Butanone	72	4.386	4.386	(0.807)	8205	21.5260	22
56 Ethyl Acetate	70	4.391	4.391	(0.808)	12799	33.0685	33
108 Bromochloromethane	128	4.594	4.594	(0.845)	41185	17.5887	18
160 Tetrahydrofuran	42	4.600	4.594	(0.846)	20524	21.5983	22
15 Chloroform	83	4.648	4.648	(0.855)	134661	17.3622	17
20 1,1,1-Trichloroethane	97	4.803	4.798	(0.884)	120068	16.9904	17
59 Cyclohexane	56	4.782	4.792	(0.880)	132959	15.9877	16(R)
21 Carbon Tetrachloride	117	4.921	4.921	(0.905)	96706	16.7155	17
92 1,1-Dichloropropene	75	4.947	4.948	(0.910)	97228	14.9823	15(R)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.161	5.162	(0.950)	143687	44.7125	45
28 Benzene	78	5.145	5.145	(0.947)	310157	16.7328	17
17 1,2-Dichloroethane	62	5.236	5.236	(0.964)	82028	17.0935	17
61 Isopropyl Acetate	43	5.199	5.199	(0.957)	270280	33.9892	34
140 tert-Amylmethyl Ether	73	5.209	5.210	(0.959)	204593	17.6151	18
* 69 Fluorobenzene	96	5.434	5.434	(1.000)	690328	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.654	(1.040)	51400	29.7198	30
25 Trichloroethene	95	5.787	5.787	(1.065)	76568	16.6070	17
63 n-Butanol	43	5.723	5.729	(1.053)	72910	1331.07	1300
96 Ethyl Acrylate	85	5.910	5.905	(1.088)	3219	16.1468	16
126 Methyl cyclohexane	83	5.921	5.921	(1.090)	147515	15.9881	16
23 1,2-Dichloropropane	63	6.081	6.082	(1.119)	71750	17.1422	17
109 Dibromomethane	93	6.210	6.210	(1.143)	41395	17.1398	17
95 1,4-Dioxane	88	6.194	6.199	(1.140)	6135	130.001	130
146 Methyl methacrylate	69	6.156	6.157	(1.133)	36424	16.4566	16
64 Propyl Acetate	43	6.210	6.210	(1.143)	66745	34.2055	34
22 Bromodichloromethane	83	6.360	6.360	(1.170)	88416	17.3338	17
30 2-Chloroethyl Vinyl Ether	63	6.697	6.697	(1.232)	25072	12.8059	13(R)
159 2-Nitropropane	41	5.060	5.060	(0.931)	344223		(a)
118 Epichlorohydrin	57	6.804	6.804	(1.252)	107709	335.770	340
24 cis-1,3-Dichloropropene	75	6.863	6.863	(1.263)	102081	16.2735	16

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04067.d
 Report Date: 31-Aug-2012 10:32

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.034	7.029	(1.294)	50542	17.3167	17
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	557417	45.3292	45
38 Toluene	91	7.189	7.189	(0.807)	324431	16.7875	17
29 trans-1,3-Dichloropropene	75	7.531	7.531	(0.846)	85768	17.7413	18
27 1,1,2-Trichloroethane	83	7.751	7.751	(0.870)	47126	17.3127	17
35 Tetrachloroethene	166	7.799	7.799	(0.876)	86110	17.6397	18
103 1,3-Dichloropropane	76	7.965	7.965	(0.894)	87662	17.7024	18
34 2-Hexanone	43	8.023	8.029	(0.901)	33611	19.1676	19
26 Dibromochloromethane	129	8.195	8.200	(0.920)	61962	18.0581	18
65 Butyl Acetate	43	8.141	8.136	(0.914)	150422	36.7491	37
66 1,2-Dibromoethane	107	8.355	8.355	(0.938)	56658	17.9468	18
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	467745	50.0000	
39 Chlorobenzene	112	8.938	8.938	(1.004)	205477	17.8000	18
97 1,1,1,2-Tetrachloroethane	131	9.061	9.056	(1.017)	71780	17.3381	17
40 Ethylbenzene	106	9.045	9.045	(1.016)	110340	17.0138	17
43 m+p-Xylene	106	9.195	9.195	(1.032)	275406	34.5097	34
44 o-Xylene	106	9.628	9.629	(1.081)	142695	17.4816	17
42 Styrene	104	9.655	9.655	(1.084)	221524	17.3110	17
147 Butyl Acrylate	55	9.612	9.612	(0.874)	95189	16.8122	17
31 Bromoform	173	9.853	9.853	(1.106)	39216	18.0843	18
145 Amyl Acetate	43	9.826	9.832	(1.103)	79864	28.4483	28
110 Isopropylbenzene	105	9.965	9.966	(1.119)	375571	17.5402	18
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	215482	47.4671	47
150 Camphene	41	10.158	10.158	(0.923)	25576	16.3715	16
107 Bromobenzene	156	10.254	10.254	(0.932)	91026	17.5006	18
36 1,1,2,2-Tetrachloroethane	83	10.286	10.287	(0.935)	82942	19.5670	20
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	21027	19.0692	19
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.904)	16388	15.7853	16
112 n-Propylbenzene	91	10.313	10.313	(0.937)	444789	18.0714	18
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	293782	17.6403	18
161 4-Ethyltoluene	105	10.409	10.410	(1.916)	384870	17.6061	18
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	256137	17.8382	18
102 1,3,5-Trimethylbenzene	105	10.463	10.463	(0.951)	316154	17.8963	18
148 Butyl methacrylate	69	10.532	10.533	(0.957)	96069	18.1501	18
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	248852	17.3151	17
100 1,2,4-Trimethylbenzene	105	10.736	10.736	(0.976)	316922	17.8455	18
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	424620	18.2792	18
67 1,3-Dichlorobenzene	146	10.955	10.950	(0.996)	181040	17.7467	18
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	250974	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.019	(1.001)	180773	17.7386	18
113 p-Isopropyltoluene	119	10.950	10.945	(0.995)	353775	18.0103	18
117 Benzyl chloride	91	11.116	11.116	(1.010)	132128	16.6522	17
69 1,2-Dichlorobenzene	146	11.265	11.260	(1.024)	177317	18.0508	18
162 1,4-Diethylbenzene	119	11.201	11.196	(2.061)	214822	16.3741	16
111 n-Butylbenzene	91	11.217	11.212	(1.019)	408295	17.7974	18
101 1,2-Dibromo-3-chloropropane	75	11.758	11.747	(1.069)	14223	17.4651	17
163 1,2,4,5-Tetramethylbenzene	119	11.683	11.672	(2.150)	312079	16.2005	16

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04067.d
 Report Date: 31-Aug-2012 10:32

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.185	12.175	(1.107)	36713	85.3253	85
93 1,2,4-Trichlorobenzene	180	12.244	12.228	(1.113)	137486	18.6204	19
94 Hexachlorobutadiene	225	12.309	12.293	(1.119)	72985	17.3519	17
70 Naphthalene	128	12.416	12.405	(1.128)	290558	19.3797	19
98 1,2,3-Trichlorobenzene	180	12.576	12.566	(1.143)	129889	19.3637	19
M 14 1,2-Dichloroethene (total)	100				165746	33.5883	34
M 45 Xylene (Total)	100				418101	51.9948	52

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: k04067.d

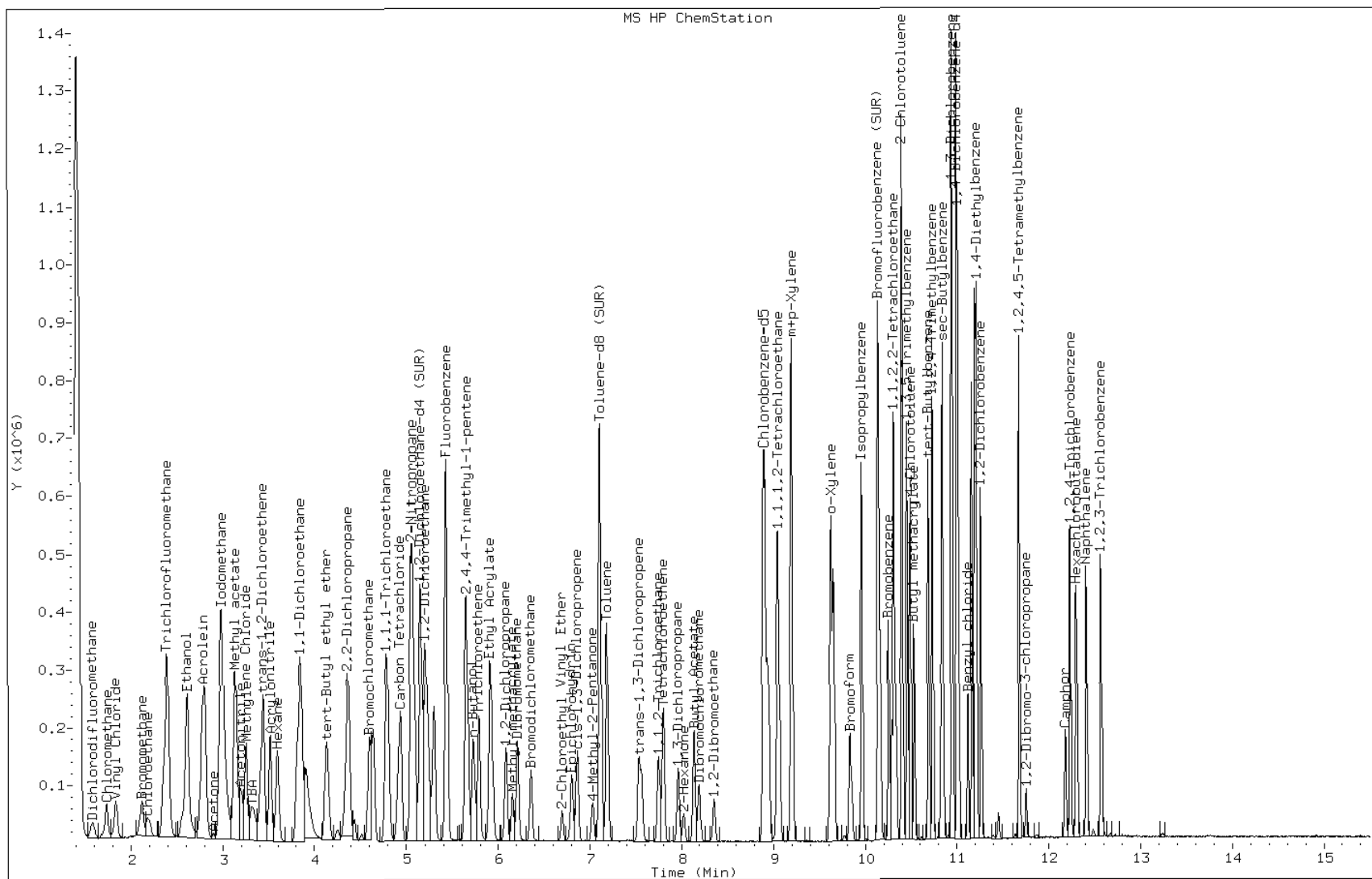
Date: 31-AUG-2012 10:02

Client ID:

Instrument: VOAMS9.i

Sample Info: LCS

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-126458/3

Matrix: Solid Lab File ID: k04096.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 09/04/2012 06:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 126458 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.1		1.0	0.16
74-83-9	Bromomethane	24.3		1.0	0.43
75-01-4	Vinyl chloride	15.9		1.0	0.34
75-00-3	Chloroethane	19.6		1.0	0.33
75-09-2	Methylene Chloride	21.2		1.0	0.15
67-64-1	Acetone	18.1		10	1.7
75-15-0	Carbon disulfide	20.4		1.0	0.15
75-35-4	1,1-Dichloroethene	18.7		1.0	0.19
75-34-3	1,1-Dichloroethane	18.0		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.4		1.0	0.11
67-66-3	Chloroform	17.5		1.0	0.24
107-06-2	1,2-Dichloroethane	17.5		1.0	0.18
78-93-3	Methyl Ethyl Ketone	21.6		10	0.63
71-55-6	1,1,1-Trichloroethane	16.7		1.0	0.13
56-23-5	Carbon tetrachloride	14.3		1.0	0.15
75-27-4	Bromodichloromethane	15.9		1.0	0.32
78-87-5	1,2-Dichloropropane	17.6		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	16.5		1.0	0.14
79-01-6	Trichloroethene	17.6		1.0	0.12
124-48-1	Dibromochloromethane	14.4		1.0	0.10
79-00-5	1,1,2-Trichloroethane	17.9		1.0	0.14
71-43-2	Benzene	17.8		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	16.1		1.0	0.10
75-25-2	Bromoform	13.4		1.0	0.17
108-10-1	methyl isobutyl ketone	18.6		10	0.20
591-78-6	2-Hexanone	20.1		10	0.13
127-18-4	Tetrachloroethene	18.5		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.090
108-88-3	Toluene	17.3		1.0	0.14
108-90-7	Chlorobenzene	18.1		1.0	0.18
100-41-4	Ethylbenzene	17.7		1.0	0.17
100-42-5	Styrene	17.9		1.0	0.28
1330-20-7	Xylenes, Total	54.2		3.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-126458/3
Matrix: Solid Lab File ID: k04096.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 09/04/2012 06:14
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 126458 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04096.d
 Report Date: 04-Sep-2012 06:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04096.d
 Lab Smp Id: LCS
 Inj Date : 04-SEP-2012 06:14
 Operator : VOAMS 9
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/8260L_10.m
 Meth Date : 04-Sep-2012 06:15 desais
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i

Quant Type: ISTD

Cal File: k03888.d

QC Sample: METHSPIKE

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/Kg)
90 Dichlorodifluoromethane	85	1.572	1.583	(0.289)	84639	19.7186	20	
1 Chloromethane	50	1.732	1.743	(0.319)	93147	19.0678	19	
4 Vinyl Chloride	62	1.829	1.845	(0.336)	98730	15.8936	16	
3 Bromomethane	94	2.112	2.128	(0.389)	60065	24.2538	24	
5 Chloroethane	64	2.182	2.198	(0.401)	47854	19.6060	20	
9 Trichlorofluoromethane	101	2.374	2.390	(0.437)	111416	14.8822	15	
121 n-Pentane	72	2.390	2.406	(0.440)	32857	47.6154	48	
127 Ethanol	46	2.546	2.567	(0.468)	59169	3325.84	3300	
46 Ethyl Ether	59	2.588	2.604	(0.476)	52489	19.8715	20	
119 Isoprene	67	2.610	2.626	(0.480)	123019	20.9479	21	
157 Dichlorofluoromethane	67	2.364	2.380	(0.435)	185993	20.7679	21	
47 Acrolein	56	2.765	2.781	(0.509)	164621	329.245	330	
10 1,1-Dichloroethene	96	2.797	2.813	(0.515)	67383	18.7271	19	
48 Freon TF	101	2.786	2.797	(0.513)	101363	20.7040	21	

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04096.d
 Report Date: 04-Sep-2012 06:55

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.893	2.909	(0.532)	18579	18.0692	18
142 Iodomethane	142	2.952	2.968	(0.543)	158204	19.8144	20
8 Carbon Disulfide	76	2.990	3.006	(0.550)	319294	20.4192	20
50 Acetonitrile	41	3.193	3.204	(0.588)	162794	401.321	400
125 Methyl acetate	74	3.129	3.145	(0.576)	12942	19.4768	19
6 Methylene Chloride	84	3.252	3.262	(0.598)	81217	21.2221	21
51 TBA	59	3.311	3.332	(0.609)	131921	318.754	320
52 Acrylonitrile	53	3.514	3.525	(0.647)	164425	147.590	150
12 trans-1,2-Dichloroethene	96	3.439	3.455	(0.633)	79545	18.4897	18
53 MTBE	73	3.412	3.428	(0.628)	190450	18.2003	18
54 Hexane	56	3.594	3.610	(0.661)	61647	20.4889	20
11 1,1-Dichloroethane	63	3.840	3.856	(0.707)	129808	18.0411	18
57 Vinyl Acetate	43	3.851	3.862	(0.709)	216597	35.4059	35
55 DIPE	45	3.808	3.824	(0.701)	220240	18.4069	18
149 tert-Butyl ethyl ether	59	4.129	4.140	(0.760)	204604	17.4604	17
104 2,2-Dichloropropane	77	4.343	4.359	(0.799)	100813	15.2481	15(R)
13 cis-1,2-Dichloroethene	96	4.364	4.375	(0.803)	82490	17.4442	17
18 2-Butanone	72	4.380	4.396	(0.806)	7528	21.5726	22
56 Ethyl Acetate	70	4.386	4.391	(0.807)	12632	35.6507	36
108 Bromochloromethane	128	4.594	4.605	(0.845)	38685	18.0471	18
160 Tetrahydrofuran	42	4.594	4.605	(0.845)	17992	20.6825	21
15 Chloroform	83	4.643	4.653	(0.854)	124336	17.5119	18
20 1,1,1-Trichloroethane	97	4.798	4.808	(0.883)	107937	16.6848	17
59 Cyclohexane	56	4.782	4.792	(0.880)	152375	20.0151	20
21 Carbon Tetrachloride	117	4.915	4.926	(0.904)	75837	14.3193	14(R)
92 1,1-Dichloropropene	75	4.942	4.953	(0.909)	103871	17.4846	17
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.156	5.167	(0.949)	138274	47.0032	47
28 Benzene	78	5.145	5.151	(0.947)	301670	17.7784	18
17 1,2-Dichloroethane	62	5.231	5.242	(0.963)	76978	17.5231	18
61 Isopropyl Acetate	43	5.194	5.204	(0.956)	261055	35.8620	36
140 tert-Amylmethyl Ether	73	5.210	5.215	(0.959)	192371	18.0930	18
* 69 Fluorobenzene	96	5.434	5.440	(1.000)	631945	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.659	(1.040)	54504	34.4256	34
25 Trichloroethene	95	5.787	5.793	(1.065)	74260	17.5944	18
63 n-Butanol	43	5.718	5.734	(1.052)	66205	1320.31	1300
96 Ethyl Acrylate	85	5.905	5.910	(1.087)	3541	19.4011	19
126 Methyl cyclohexane	83	5.916	5.927	(1.089)	163175	19.3192	19
23 1,2-Dichloropropane	63	6.082	6.087	(1.119)	67419	17.5954	18
109 Dibromomethane	93	6.210	6.215	(1.143)	39903	18.0484	18
95 1,4-Dioxane	88	6.194	6.199	(1.140)	5330	123.372	120
146 Methyl methacrylate	69	6.151	6.162	(1.132)	35737	17.6378	18
64 Propyl Acetate	43	6.210	6.215	(1.143)	65692	36.7760	37
22 Bromodichloromethane	83	6.360	6.360	(1.170)	74433	15.9405	16
30 2-Chloroethyl Vinyl Ether	63	6.697	6.702	(1.232)	33097	18.4658	18
159 2-Nitropropane	41	5.060	5.065	(0.931)	310192		(a)
118 Epichlorohydrin	57	6.804	6.809	(1.252)	108494	369.463	370
24 cis-1,3-Dichloropropene	75	6.863	6.868	(1.263)	94592	16.4727	16

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04096.d
 Report Date: 04-Sep-2012 06:55

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.029	7.034	(1.293)	49603	18.5650	18
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	547284	47.0414	47
38 Toluene	91	7.189	7.194	(0.807)	316423	17.3061	17
29 trans-1,3-Dichloropropene	75	7.531	7.537	(0.846)	73595	16.0908	16
27 1,1,2-Trichloroethane	83	7.751	7.756	(0.870)	46147	17.9191	18
35 Tetrachloroethene	166	7.799	7.804	(0.876)	85605	18.5355	18
103 1,3-Dichloropropane	76	7.965	7.970	(0.894)	85914	18.3380	18
34 2-Hexanone	43	8.029	8.029	(0.901)	33366	20.1121	20
26 Dibromochloromethane	129	8.195	8.200	(0.920)	46811	14.4199	14
65 Butyl Acetate	43	8.141	8.141	(0.914)	137041	35.3879	35
66 1,2-Dibromoethane	107	8.355	8.361	(0.938)	50336	16.8527	17
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	442526	50.0000	
39 Chlorobenzene	112	8.938	8.944	(1.004)	197560	18.0895	18
97 1,1,1,2-Tetrachloroethane	131	9.061	9.061	(1.017)	53469	13.6511	14
40 Ethylbenzene	106	9.045	9.045	(1.016)	108867	17.7433	18
43 m+p-Xylene	106	9.195	9.195	(1.032)	275112	36.4374	36
44 o-Xylene	106	9.629	9.629	(1.081)	137526	17.8085	18
42 Styrene	104	9.655	9.661	(1.084)	216462	17.8794	18
147 Butyl Acrylate	55	9.612	9.612	(0.874)	84062	15.9285	16
31 Bromoform	173	9.853	9.853	(1.106)	27558	13.4323	13
145 Amyl Acetate	43	9.826	9.832	(1.103)	41224	15.5212	16
110 Isopropylbenzene	105	9.966	9.966	(1.119)	370343	18.2817	18
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	211461	49.9749	50
150 Camphene	41	10.158	10.158	(0.923)	27192	18.6738	19
107 Bromobenzene	156	10.260	10.260	(0.932)	89054	18.3687	18
36 1,1,2,2-Tetrachloroethane	83	10.287	10.287	(0.935)	73572	18.6209	19
99 1,2,3-Trichloropropane	110	10.329	10.335	(0.939)	20119	19.5749	20
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.904)	16023	16.8589	17
112 n-Propylbenzene	91	10.313	10.319	(0.937)	437347	19.0636	19
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	291988	18.8099	19
161 4-Ethyltoluene	105	10.410	10.410	(1.916)	384425	19.2104	19
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	248674	18.5801	18
102 1,3,5-Trimethylbenzene	105	10.463	10.463	(0.951)	303295	18.4191	18
148 Butyl methacrylate	69	10.533	10.533	(0.957)	80703	16.3577	16
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	247396	18.4679	18
100 1,2,4-Trimethylbenzene	105	10.741	10.741	(0.976)	311446	18.8148	19
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	421957	19.4878	19
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	175279	18.4336	18
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	233932	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.019	(1.001)	172431	18.1526	18
113 p-Isopropyltoluene	119	10.950	10.950	(0.995)	345944	18.8947	19
117 Benzyl chloride	91	11.116	11.116	(1.010)	116077	15.6951	16
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	166831	18.2206	18
162 1,4-Diethylbenzene	119	11.196	11.196	(2.060)	230537	19.1952	19
111 n-Butylbenzene	91	11.212	11.212	(1.019)	410941	19.2176	19
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	10108	13.3156	13(R)
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.672	(2.147)	329973	18.7119	19

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04096.d
 Report Date: 04-Sep-2012 06:55

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.170	12.170	(1.106)	37318	93.0489	93
93 1,2,4-Trichlorobenzene	180	12.223	12.228	(1.111)	131819	19.1535	19
94 Hexachlorobutadiene	225	12.287	12.293	(1.117)	73482	18.7426	19
70 Naphthalene	128	12.400	12.400	(1.127)	274734	19.6592	20
98 1,2,3-Trichlorobenzene	180	12.560	12.560	(1.141)	125476	20.0684	20
M 14 1,2-Dichloroethene (total)	100				162035	35.9339	36
M 45 Xylene (Total)	100				412638	54.2397	54

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: k04096.d

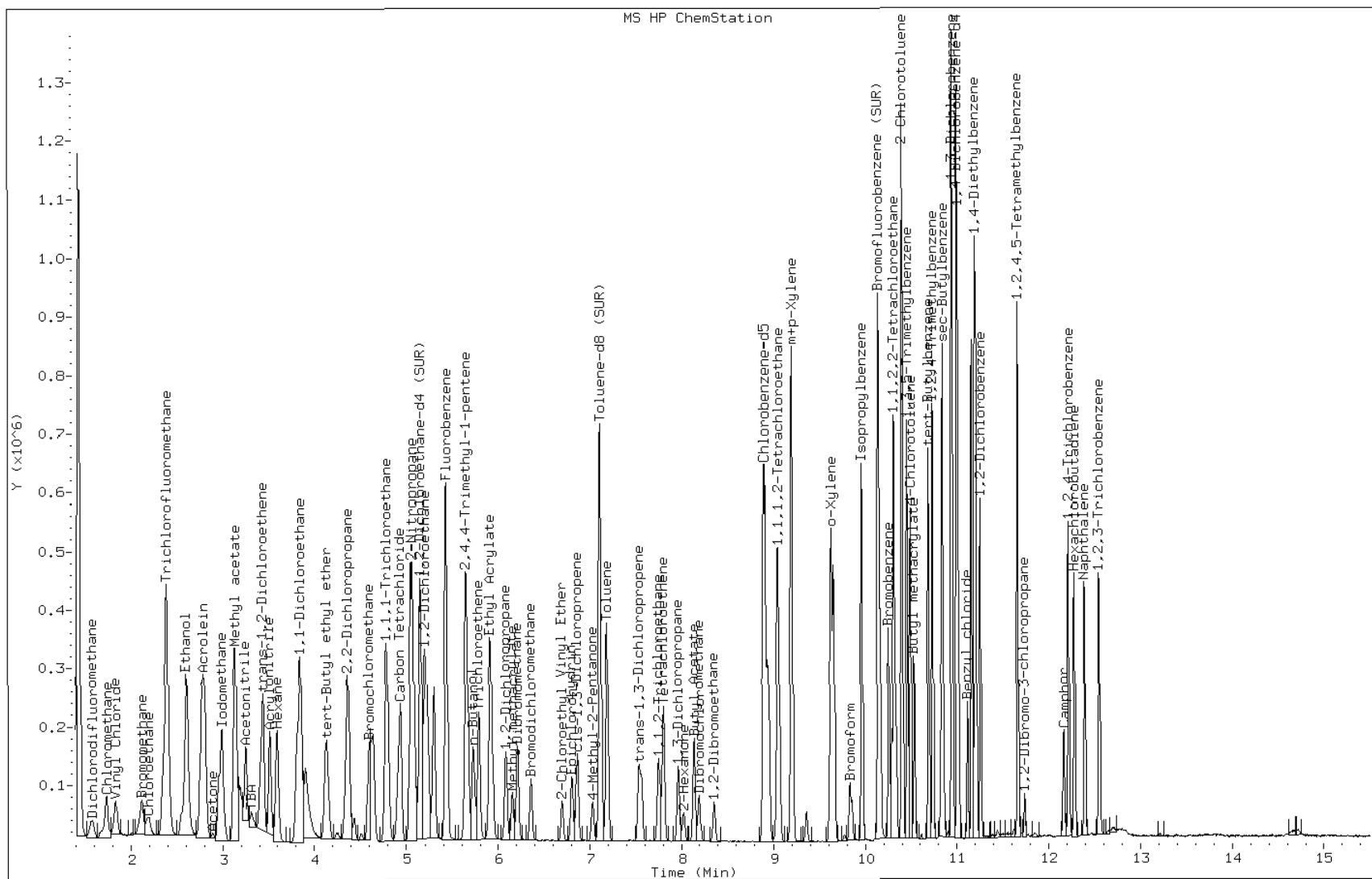
Date: 04-SEP-2012 06:14

Client ID:

Instrument: VOAMS9.i

Sample Info: LCS

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-126458/4

Matrix: Solid Lab File ID: k04097.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 09/04/2012 06:36

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 126458 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.4		1.0	0.16
74-83-9	Bromomethane	28.4		1.0	0.43
75-01-4	Vinyl chloride	18.0		1.0	0.34
75-00-3	Chloroethane	23.0		1.0	0.33
75-09-2	Methylene Chloride	22.5		1.0	0.15
67-64-1	Acetone	17.4		10	1.7
75-15-0	Carbon disulfide	19.6		1.0	0.15
75-35-4	1,1-Dichloroethene	19.4		1.0	0.19
75-34-3	1,1-Dichloroethane	18.4		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.7		1.0	0.11
67-66-3	Chloroform	19.0		1.0	0.24
107-06-2	1,2-Dichloroethane	18.0		1.0	0.18
78-93-3	Methyl Ethyl Ketone	22.8		10	0.63
71-55-6	1,1,1-Trichloroethane	17.5		1.0	0.13
56-23-5	Carbon tetrachloride	15.1		1.0	0.15
75-27-4	Bromodichloromethane	17.3		1.0	0.32
78-87-5	1,2-Dichloropropane	18.3		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	17.6		1.0	0.14
79-01-6	Trichloroethene	18.9		1.0	0.12
124-48-1	Dibromochloromethane	15.4		1.0	0.10
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.14
71-43-2	Benzene	18.5		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	17.3		1.0	0.10
75-25-2	Bromoform	14.3		1.0	0.17
108-10-1	methyl isobutyl ketone	18.2		10	0.20
591-78-6	2-Hexanone	23.8		10	0.13
127-18-4	Tetrachloroethene	19.9		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.090
108-88-3	Toluene	18.3		1.0	0.14
108-90-7	Chlorobenzene	19.2		1.0	0.18
100-41-4	Ethylbenzene	19.1		1.0	0.17
100-42-5	Styrene	19.0		1.0	0.28
1330-20-7	Xylenes, Total	58.1		3.0	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-126458/4
Matrix: Solid Lab File ID: k04097.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 09/04/2012 06:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 126458 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04097.d
 Report Date: 04-Sep-2012 10:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04097.d
 Lab Smp Id: LCSD
 Inj Date : 04-SEP-2012 06:36
 Operator : VOAMS 9
 Smp Info : LCSD
 Misc Info :
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/8260L_10.m
 Meth Date : 04-Sep-2012 06:15 desais
 Cal Date : 28-AUG-2012 02:40
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS9.i

Quant Type: ISTD

Cal File: k03888.d

QC Sample: METHSPIKE

Compound Sublist: all.sub

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/Kg)
90 Dichlorodifluoromethane	85	1.577	1.583	(0.290)	97478		22.6379	23
1 Chloromethane	50	1.738	1.743	(0.319)	99906		20.3867	20
4 Vinyl Chloride	62	1.839	1.845	(0.338)	112393		18.0358	18
3 Bromomethane	94	2.123	2.128	(0.390)	70450		28.3572	28
5 Chloroethane	64	2.192	2.198	(0.403)	56201		22.9529	23
9 Trichlorofluoromethane	101	2.385	2.390	(0.438)	132529		17.6463	18
121 n-Pentane	72	2.401	2.406	(0.441)	28036		40.5004	40
127 Ethanol	46	2.561	2.567	(0.471)	52567		2945.40	2900
46 Ethyl Ether	59	2.599	2.604	(0.478)	51331		19.3716	19
119 Isoprene	67	2.620	2.626	(0.482)	123829		21.0191	21
157 Dichlorofluoromethane	67	2.380	2.380	(0.437)	178341		19.8505	20
47 Acrolein	56	2.775	2.781	(0.510)	137670		274.471	270
10 1,1-Dichloroethene	96	2.808	2.813	(0.516)	69978		19.3868	19
48 Freon TF	101	2.792	2.797	(0.513)	90593		18.4456	18

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04097.d
 Report Date: 04-Sep-2012 10:47

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.893	2.909	(0.532)	17962	17.4060	17
142 Iodomethane	142	2.963	2.968	(0.545)	157895	19.7132	20
8 Carbon Disulfide	76	3.000	3.006	(0.552)	307556	19.6063	20
50 Acetonitrile	41	3.203	3.204	(0.589)	152732	375.324	380
125 Methyl acetate	74	3.139	3.145	(0.577)	10318	15.4787	15
6 Methylene Chloride	84	3.257	3.262	(0.599)	86203	22.4537	22
51 TBA	59	3.321	3.332	(0.611)	124192	299.129	300
52 Acrylonitrile	53	3.519	3.525	(0.647)	159965	143.132	140
12 trans-1,2-Dichloroethene	96	3.444	3.455	(0.633)	81405	18.8622	19
53 MTBE	73	3.423	3.428	(0.629)	187562	17.8676	18
54 Hexane	56	3.599	3.610	(0.662)	60083	19.9059	20
11 1,1-Dichloroethane	63	3.845	3.856	(0.707)	133106	18.4409	18
57 Vinyl Acetate	43	3.856	3.862	(0.709)	197567	32.1930	32
55 DIPE	45	3.819	3.824	(0.702)	209769	17.4763	17
149 tert-Butyl ethyl ether	59	4.134	4.140	(0.760)	198467	16.8830	17
104 2,2-Dichloropropane	77	4.354	4.359	(0.800)	110065	16.5948	16
13 cis-1,2-Dichloroethene	96	4.370	4.375	(0.803)	88610	18.6791	19
18 2-Butanone	72	4.386	4.396	(0.806)	7977	22.7870	23
56 Ethyl Acetate	70	4.391	4.391	(0.807)	12346	34.7333	35
108 Bromochloromethane	128	4.600	4.605	(0.846)	40350	18.7643	19
160 Tetrahydrofuran	42	4.594	4.605	(0.845)	17032	19.5170	20
15 Chloroform	83	4.648	4.653	(0.854)	135300	18.9958	19
20 1,1,1-Trichloroethane	97	4.798	4.808	(0.882)	113769	17.5306	18
59 Cyclohexane	56	4.792	4.792	(0.881)	144381	18.9050	19
21 Carbon Tetrachloride	117	4.921	4.926	(0.905)	80051	15.0672	15(R)
92 1,1-Dichloropropene	75	4.947	4.953	(0.910)	104297	17.5008	18
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.161	5.167	(0.949)	140070	47.4631	47
28 Benzene	78	5.151	5.151	(0.947)	314782	18.4925	18
17 1,2-Dichloroethane	62	5.236	5.242	(0.963)	79140	17.9582	18
61 Isopropyl Acetate	43	5.204	5.204	(0.957)	250406	34.2903	34
140 tert-Amylmethyl Ether	73	5.215	5.215	(0.959)	193859	18.1752	18
* 69 Fluorobenzene	96	5.440	5.440	(1.000)	633951	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.659	5.659	(1.040)	52650	33.1494	33
25 Trichloroethene	95	5.793	5.793	(1.065)	79850	18.8590	19
63 n-Butanol	43	5.728	5.734	(1.053)	61314	1218.90	1200
96 Ethyl Acrylate	85	5.910	5.910	(1.087)	3231	17.6466	18
126 Methyl cyclohexane	83	5.926	5.927	(1.089)	159689	18.8466	19
23 1,2-Dichloropropane	63	6.082	6.087	(1.118)	70244	18.2747	18
109 Dibromomethane	93	6.210	6.215	(1.142)	41734	18.8168	19
95 1,4-Dioxane	88	6.194	6.199	(1.139)	5763	132.972	130
146 Methyl methacrylate	69	6.156	6.162	(1.132)	34157	16.8046	17
64 Propyl Acetate	43	6.210	6.215	(1.142)	61898	34.5424	34
22 Bromodichloromethane	83	6.360	6.360	(1.169)	80977	17.2871	17
30 2-Chloroethyl Vinyl Ether	63	6.697	6.702	(1.231)	20440	11.3680	11(R)
159 2-Nitropropane	41	5.065	5.065	(0.931)	275038		(a)
118 Epichlorohydrin	57	6.809	6.809	(1.252)	103336	350.785	350
24 cis-1,3-Dichloropropene	75	6.863	6.868	(1.262)	101210	17.5694	18

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04097.d
 Report Date: 04-Sep-2012 10:47

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.028	7.034	(1.292)	48650	18.1507	18
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	555993	47.6449	48
38 Toluene	91	7.194	7.194	(0.808)	335049	18.2692	18
29 trans-1,3-Dichloropropene	75	7.537	7.537	(0.846)	79408	17.3090	17
27 1,1,2-Trichloroethane	83	7.751	7.756	(0.870)	47183	18.2657	18
35 Tetrachloroethene	166	7.804	7.804	(0.876)	92136	19.8890	20
103 1,3-Dichloropropane	76	7.970	7.970	(0.895)	90709	19.3026	19
34 2-Hexanone	43	8.029	8.029	(0.901)	39684	23.8478	24
26 Dibromochloromethane	129	8.195	8.200	(0.920)	50000	15.3555	15
65 Butyl Acetate	43	8.141	8.141	(0.914)	134840	34.7138	35
66 1,2-Dibromoethane	107	8.355	8.361	(0.938)	55321	18.4655	18
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	443874	50.0000	
39 Chlorobenzene	112	8.944	8.944	(1.004)	210417	19.2083	19
97 1,1,1,2-Tetrachloroethane	131	9.061	9.061	(1.017)	58170	14.8062	15
40 Ethylbenzene	106	9.045	9.045	(1.016)	117540	19.0987	19
43 m+p-Xylene	106	9.195	9.195	(1.032)	296099	39.0979	39
44 o-Xylene	106	9.634	9.629	(1.082)	146961	18.9725	19
42 Styrene	104	9.661	9.661	(1.085)	230360	18.9696	19
147 Butyl Acrylate	55	9.612	9.612	(0.874)	84023	15.5762	16
31 Bromoform	173	9.853	9.853	(1.106)	29482	14.3265	14
145 Amyl Acetate	43	9.832	9.832	(1.104)	69319	26.0200	26
110 Isopropylbenzene	105	9.965	9.966	(1.119)	390362	19.2114	19
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	216450	50.0457	50
150 Camphene	41	10.158	10.158	(0.923)	26882	18.0610	18
107 Bromobenzene	156	10.260	10.260	(0.932)	95054	19.1816	19
36 1,1,2,2-Tetrachloroethane	83	10.286	10.287	(0.935)	77016	19.0703	19
99 1,2,3-Trichloropropane	110	10.329	10.335	(0.939)	20205	19.2327	19
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.902)	15039	15.7735	16
112 n-Propylbenzene	91	10.313	10.319	(0.937)	467673	19.9438	20
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	306848	19.3390	19
161 4-Ethyltoluene	105	10.409	10.410	(1.914)	394924	19.6726	20
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	264226	19.3144	19
102 1,3,5-Trimethylbenzene	105	10.463	10.463	(0.951)	326079	19.3738	19
148 Butyl methacrylate	69	10.538	10.533	(0.958)	81904	16.2415	16
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	264815	19.3399	19
100 1,2,4-Trimethylbenzene	105	10.741	10.741	(0.976)	323879	19.1420	19
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	452420	20.4421	20
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	188378	19.3820	19
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	239112	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.019	(1.001)	185046	19.0587	19
113 p-Isopropyltoluene	119	10.950	10.950	(0.995)	376329	20.1090	20
117 Benzyl chloride	91	11.116	11.116	(1.010)	110487	14.6156	15
69 1,2-Dichlorobenzene	146	11.260	11.260	(1.023)	179042	19.1306	19
162 1,4-Diethylbenzene	119	11.196	11.196	(2.058)	227388	18.8731	19
111 n-Butylbenzene	91	11.212	11.212	(1.019)	439081	20.0888	20
101 1,2-Dibromo-3-chloropropane	75	11.742	11.742	(1.067)	11692	15.0686	15
163 1,2,4,5-Tetramethylbenzene	119	11.667	11.672	(2.145)	324136	18.3228	18

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b/k04097.d
 Report Date: 04-Sep-2012 10:47

Compounds	QUANT SIG			CONCENTRATIONS			
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.170	12.170	(1.106)	35342	86.2129	86
93 1,2,4-Trichlorobenzene	180	12.223	12.228	(1.111)	143011	20.3296	20
94 Hexachlorobutadiene	225	12.287	12.293	(1.117)	79193	19.7617	20
70 Naphthalene	128	12.400	12.400	(1.127)	291802	20.4282	20
98 1,2,3-Trichlorobenzene	180	12.560	12.560	(1.141)	133463	20.8834	21
M 14 1,2-Dichloroethene (total)	100				170015	37.5413	38
M 45 Xylene (Total)	100				443060	58.0617	58

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: k04097.d

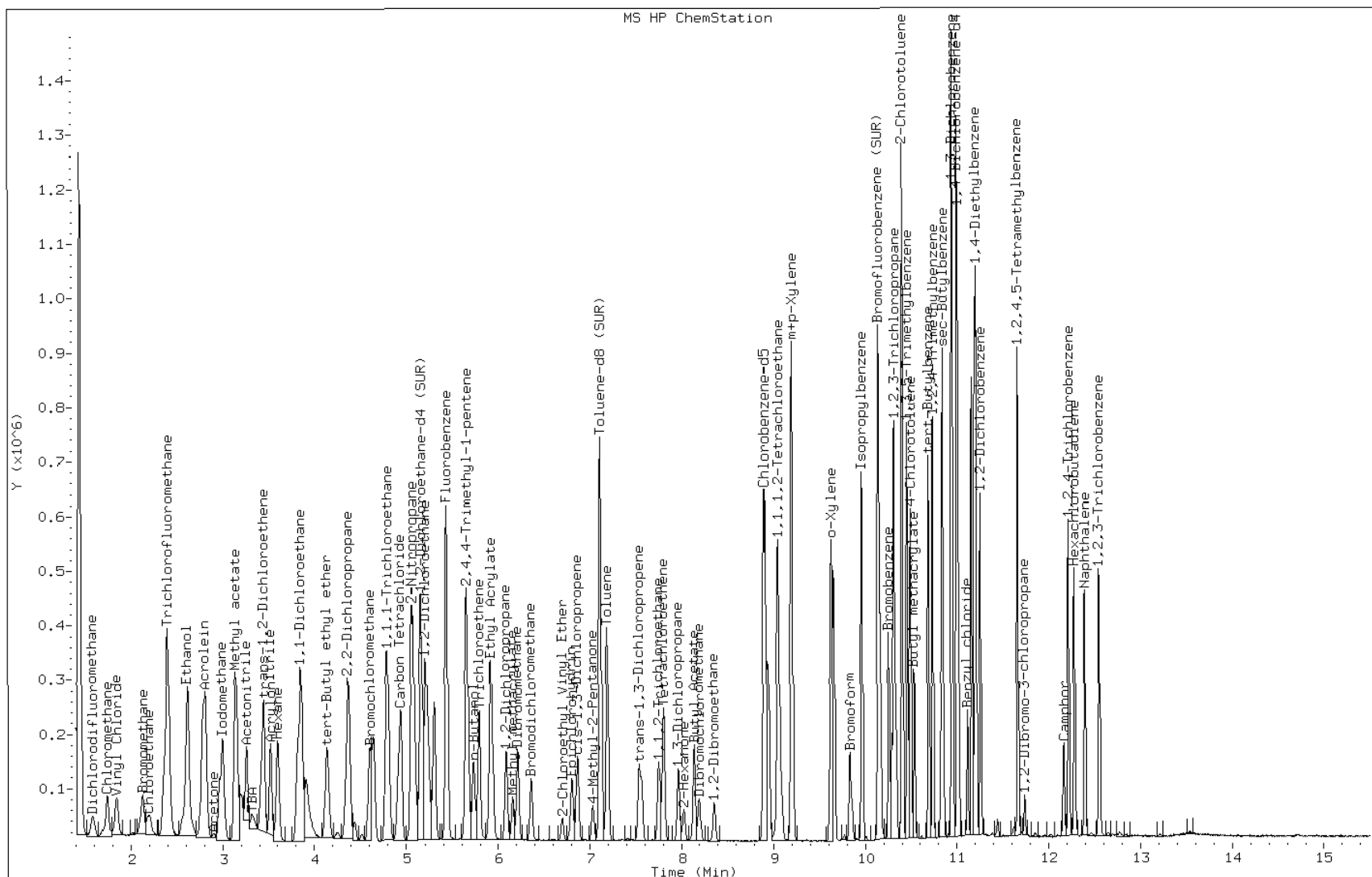
Date: 04-SEP-2012 06:36

Client ID:

Instrument: VOAMS9.i

Sample Info: LCSD

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPN- (11) MS Lab Sample ID: 460-43868-1 MS

Matrix: Solid Lab File ID: k04074.d

Analysis Method: 8260B Date Collected: 08/21/2012 09:30

Sample wt/vol: 5.07(g) Date Analyzed: 08/31/2012 12:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	14.0		1.0	0.16
74-83-9	Bromomethane	21.8		1.0	0.44
75-01-4	Vinyl chloride	12.4		1.0	0.35
75-00-3	Chloroethane	17.0		1.0	0.34
75-09-2	Methylene Chloride	20.3		1.0	0.15
67-64-1	Acetone	16.3		10	1.7
75-15-0	Carbon disulfide	15.0		1.0	0.15
75-35-4	1,1-Dichloroethene	17.4		1.0	0.19
75-34-3	1,1-Dichloroethane	16.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	16.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	16.2		1.0	0.11
67-66-3	Chloroform	16.6		1.0	0.25
107-06-2	1,2-Dichloroethane	15.8		1.0	0.18
78-93-3	Methyl Ethyl Ketone	11.2		10	0.65
71-55-6	1,1,1-Trichloroethane	16.4		1.0	0.13
56-23-5	Carbon tetrachloride	15.7		1.0	0.15
75-27-4	Bromodichloromethane	16.1		1.0	0.33
78-87-5	1,2-Dichloropropane	16.2		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	15.7		1.0	0.14
79-01-6	Trichloroethene	15.5		1.0	0.12
124-48-1	Dibromochloromethane	16.1		1.0	0.10
79-00-5	1,1,2-Trichloroethane	16.1		1.0	0.14
71-43-2	Benzene	15.9		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	16.0		1.0	0.10
75-25-2	Bromoform	15.3		1.0	0.17
108-10-1	methyl isobutyl ketone	14.7		10	0.21
591-78-6	2-Hexanone	18.2		10	0.13
127-18-4	Tetrachloroethene	18.5		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	16.3		1.0	0.092
108-88-3	Toluene	15.7		1.0	0.14
108-90-7	Chlorobenzene	15.7		1.0	0.18
100-41-4	Ethylbenzene	14.4		1.0	0.17
100-42-5	Styrene	14.7		1.0	0.29
1330-20-7	Xylenes, Total	44.2		3.1	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPN- (11) MS Lab Sample ID: 460-43868-1 MS
Matrix: Solid Lab File ID: k04074.d
Analysis Method: 8260B Date Collected: 08/21/2012 09:30
Sample wt/vol: 5.07(g) Date Analyzed: 08/31/2012 12:59
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: 3.9 Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	4-Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04074.d
 Report Date: 31-Aug-2012 13:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04074.d
 Lab Smp Id: 460-43868-A-1-F MS Client Smp ID: CPN- (11)
 Inj Date : 31-AUG-2012 12:59
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-1-F MS;;;5.07;5
 Misc Info : 460-43868-A-1-F MS
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 10 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.07000	Weight of sample extracted (g)
M	3.85757	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
90 Dichlorodifluoromethane	85	1.582	1.572	(0.291)	61349	13.9007	14	
1 Chloromethane	50	1.738	1.732	(0.320)	68421	13.6221	14	
4 Vinyl Chloride	62	1.839	1.834	(0.338)	77139	12.0773	12(R)	
3 Bromomethane	94	2.123	2.123	(0.391)	54087	21.2410	22	
5 Chloroethane	64	2.182	2.187	(0.401)	41689	16.6117	17	
9 Trichlorofluoromethane	101	2.385	2.385	(0.439)	103417	13.4349	14	
121 n-Pentane	72	2.401	2.396	(0.442)	17225	24.2774	25(R)	
127 Ethanol	46	2.561	2.562	(0.471)	48227	2636.45	2700	
46 Ethyl Ether	59	2.594	2.594	(0.477)	45150	16.6243	17	
119 Isoprene	67	2.615	2.615	(0.481)	96071	15.9105	16(R)	
157 Dichlorofluoromethane	67	2.374	2.369	(0.437)	155111	16.8446	17	
47 Acrolein	56	2.770	2.776	(0.510)	114450	222.624	230	
10 1,1-Dichloroethene	96	2.807	2.802	(0.517)	62837	16.9847	17	
48 Freon TF	101	2.786	2.792	(0.513)	73158	14.5331	15(R)	

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04074.d
 Report Date: 31-Aug-2012 13:26

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.893	2.904	(0.532)	16852	15.9169	16
142 Iodomethane	142	2.963	2.963	(0.545)	132440	16.1327	16
8 Carbon Disulfide	76	2.995	2.995	(0.551)	235504	14.6477	15
50 Acetonitrile	41	3.198	3.198	(0.588)	123550	296.223	300
125 Methyl acetate	74	3.139	3.139	(0.578)	9778	14.3116	15(R)
6 Methylene Chloride	84	3.257	3.252	(0.599)	77981	19.8177	20
51 TBA	59	3.316	3.327	(0.610)	119756	281.424	290
52 Acrylonitrile	53	3.519	3.519	(0.648)	131959	115.200	120
12 trans-1,2-Dichloroethene	96	3.444	3.444	(0.634)	71286	16.1155	16
53 MTBE	73	3.423	3.418	(0.630)	165936	15.4228	16(R)
54 Hexane	56	3.599	3.599	(0.662)	32443	10.4870	11(R)
11 1,1-Dichloroethane	63	3.845	3.845	(0.708)	119184	16.1102	16
57 Vinyl Acetate	43	3.851	3.856	(0.709)	198035	31.4838	32
55 DIPE	45	3.819	3.813	(0.703)	186167	15.1325	16(R)
149 tert-Butyl ethyl ether	59	4.134	4.129	(0.761)	182984	15.1871	16
104 2,2-Dichloropropane	77	4.354	4.354	(0.801)	107302	15.7844	16
13 cis-1,2-Dichloroethene	96	4.370	4.370	(0.804)	76594	15.7531	16(R)
18 2-Butanone	72	4.386	4.386	(0.807)	3925	10.9392	11(R)
56 Ethyl Acetate	70	4.386	4.391	(0.807)	9842	27.0149	28
108 Bromochloromethane	128	4.594	4.594	(0.845)	35462	16.0898	16
160 Tetrahydrofuran	42	4.600	4.594	(0.846)	13838	15.4711	16
15 Chloroform	83	4.648	4.648	(0.855)	118230	16.1952	17
20 1,1,1-Trichloroethane	97	4.803	4.798	(0.884)	106247	15.9731	16
59 Cyclohexane	56	4.787	4.792	(0.881)	100121	12.7906	13(R)
21 Carbon Tetrachloride	117	4.921	4.921	(0.905)	83356	15.3074	16(R)
92 1,1-Dichloropropene	75	4.942	4.948	(0.909)	83313	13.6395	14(R)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.161	5.162	(0.950)	139915	46.2567	47
28 Benzene	78	5.145	5.145	(0.947)	271080	15.5375	16
17 1,2-Dichloroethane	62	5.236	5.236	(0.964)	69460	15.3781	16
61 Isopropyl Acetate	43	5.199	5.199	(0.957)	213944	28.5842	29
140 tert-Amylmethyl Ether	73	5.210	5.210	(0.959)	174568	15.9683	16
* 69 Fluorobenzene	96	5.434	5.434	(1.000)	649765	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.654	(1.040)	30445	18.7022	19(R)
25 Trichloroethene	95	5.787	5.787	(1.065)	65528	15.0998	15(R)
63 n-Butanol	43	5.723	5.729	(1.053)	61819	1199.03	1200
96 Ethyl Acrylate	85	5.910	5.905	(1.088)	2677	14.2650	15
126 Methyl cyclohexane	83	5.921	5.921	(1.090)	94981	10.9369	11(R)
23 1,2-Dichloropropane	63	6.082	6.082	(1.119)	62178	15.7825	16(R)
109 Dibromomethane	93	6.205	6.210	(1.142)	35363	15.5562	16(R)
95 1,4-Dioxane	88	6.189	6.199	(1.139)	4560	102.654	100(R)
146 Methyl methacrylate	69	6.156	6.157	(1.133)	29321	14.0743	14(R)
64 Propyl Acetate	43	6.210	6.210	(1.143)	52134	28.3855	29
22 Bromodichloromethane	83	6.360	6.360	(1.170)	75485	15.7225	16(R)
30 2-Chloroethyl Vinyl Ether	63	6.697	6.697	(1.232)	20063	10.8867	11(R)
159 2-Nitropropane	41	5.060	5.060	(0.931)	272629		(a)
118 Epichlorohydrin	57	6.804	6.804	(1.252)	83134	275.339	280(R)
24 cis-1,3-Dichloropropene	75	6.863	6.863	(1.263)	90240	15.2838	16(R)

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04074.d
 Report Date: 31-Aug-2012 13:26

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.028	7.029	(1.293)	39340	14.3200	15
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	551988	46.7701	48
38 Toluene	91	7.189	7.189	(0.807)	283607	15.2904	16
29 trans-1,3-Dichloropropene	75	7.537	7.531	(0.846)	72370	15.5976	16
27 1,1,2-Trichloroethane	83	7.751	7.751	(0.870)	40983	15.6872	16
35 Tetrachloroethene	166	7.804	7.799	(0.876)	84581	18.0530	18
103 1,3-Dichloropropane	76	7.965	7.965	(0.894)	75115	15.8046	16
34 2-Hexanone	43	8.029	8.029	(0.901)	29893	17.7621	18
26 Dibromochloromethane	129	8.195	8.200	(0.920)	51672	15.6906	16
65 Butyl Acetate	43	8.141	8.136	(0.914)	112086	28.5316	29
66 1,2-Dibromoethane	107	8.355	8.355	(0.938)	47469	15.6665	16
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	448919	50.0000	
39 Chlorobenzene	112	8.944	8.938	(1.004)	170020	15.3461	16(R)
97 1,1,1,2-Tetrachloroethane	131	9.056	9.056	(1.017)	59445	14.9607	15
40 Ethylbenzene	106	9.045	9.045	(1.016)	87661	14.0837	14(R)
43 m+p-Xylene	106	9.195	9.195	(1.032)	221151	28.8734	30(R)
44 o-Xylene	106	9.628	9.629	(1.081)	111337	14.2119	14(R)
42 Styrene	104	9.655	9.655	(1.084)	175782	14.3125	15(R)
147 Butyl Acrylate	55	9.607	9.612	(0.873)	73482	13.8174	14(R)
31 Bromoform	173	9.853	9.853	(1.106)	31020	14.9044	15
145 Amyl Acetate	43	9.832	9.832	(1.104)	59278	22.0009	22
110 Isopropylbenzene	105	9.965	9.966	(1.119)	270806	13.1777	14
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	210467	49.3601	51
150 Camphene	41	10.158	10.158	(0.923)	13694	9.33239	9.6
107 Bromobenzene	156	10.254	10.254	(0.932)	71620	14.6599	15(R)
36 1,1,2,2-Tetrachloroethane	83	10.286	10.287	(0.935)	63205	15.8749	16
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	16377	15.8124	16(R)
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.904)	13421	13.7339	14
112 n-Propylbenzene	91	10.313	10.313	(0.937)	308021	13.3238	14(R)
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	215807	13.7962	14(R)
161 4-Ethyltoluene	105	10.409	10.410	(1.916)	269135	13.0803	13
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	184157	13.6545	14(R)
102 1,3,5-Trimethylbenzene	105	10.463	10.463	(0.951)	219173	13.2087	14(R)
148 Butyl methacrylate	69	10.532	10.533	(0.957)	73057	14.6949	15(R)
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	167310	12.3942	13(R)
100 1,2,4-Trimethylbenzene	105	10.736	10.736	(0.976)	217256	13.0245	13(R)
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	261426	11.9816	12(R)
67 1,3-Dichlorobenzene	146	10.950	10.950	(0.995)	123398	12.8783	13(R)
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	235732	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.019	(1.001)	124465	13.0030	13(R)
113 p-Isopropyltoluene	119	10.950	10.945	(0.995)	216244	11.7206	12(R)
117 Benzyl chloride	91	11.116	11.116	(1.010)	95440	12.8061	13(R)
69 1,2-Dichlorobenzene	146	11.265	11.260	(1.024)	118246	12.8157	13(R)
162 1,4-Diethylbenzene	119	11.201	11.196	(2.061)	125760	10.1840	10
111 n-Butylbenzene	91	11.217	11.212	(1.019)	226374	10.5055	11(R)
101 1,2-Dibromo-3-chloropropane	75	11.752	11.747	(1.068)	9875	12.9093	13(R)
163 1,2,4,5-Tetramethylbenzene	119	11.677	11.672	(2.149)	174385	9.61772	9.9

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04074.d
 Report Date: 31-Aug-2012 13:26

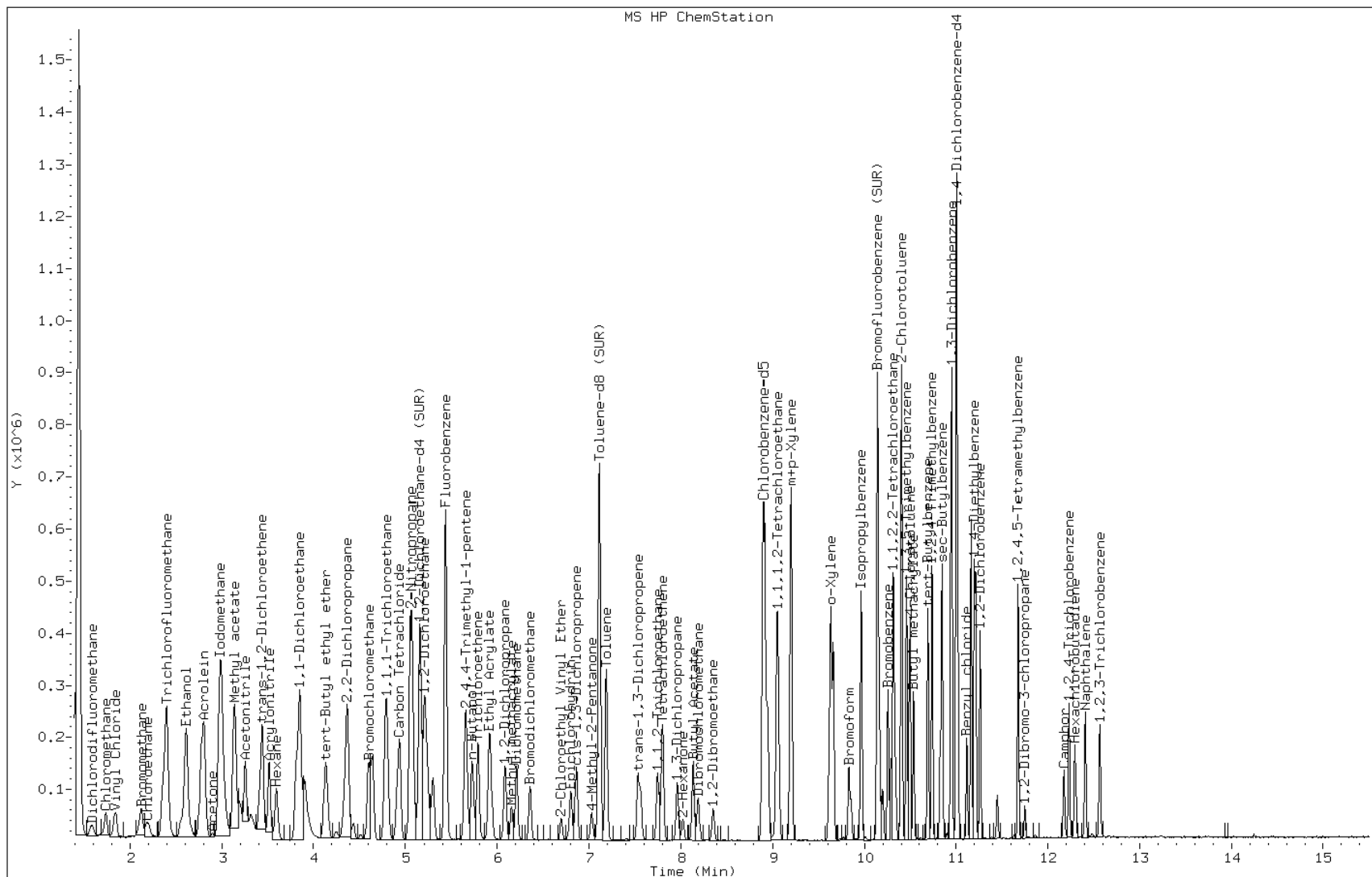
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.180	12.175	(1.107)	25389	62.8217	64
93 1,2,4-Trichlorobenzene	180	12.234	12.228	(1.112)	65217	9.40377	9.6(R)
94 Hexachlorobutadiene	225	12.298	12.293	(1.118)	29457	7.45606	7.6(R)
70 Naphthalene	128	12.410	12.405	(1.128)	149358	10.6061	11(R)
98 1,2,3-Trichlorobenzene	180	12.571	12.566	(1.142)	57671	9.15337	9.4(R)
M 14 1,2-Dichloroethene (total)	100				147880	31.8687	33
M 45 Xylene (Total)	100				332488	43.0819	44(R)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Instrument: VOAMS9.i

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Client Sample ID: CPN- (11) MSD Lab Sample ID: 460-43868-1 MSD

Matrix: Solid Lab File ID: k04075.d

Analysis Method: 8260B Date Collected: 08/21/2012 09:30

Sample wt/vol: 5.07(g) Date Analyzed: 08/31/2012 13:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.6		1.0	0.16
74-83-9	Bromomethane	24.1		1.0	0.44
75-01-4	Vinyl chloride	13.8		1.0	0.35
75-00-3	Chloroethane	18.8		1.0	0.34
75-09-2	Methylene Chloride	20.8		1.0	0.15
67-64-1	Acetone	23.1		10	1.7
75-15-0	Carbon disulfide	15.1		1.0	0.15
75-35-4	1,1-Dichloroethene	18.0		1.0	0.19
75-34-3	1,1-Dichloroethane	16.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	16.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	16.6		1.0	0.11
67-66-3	Chloroform	17.2		1.0	0.25
107-06-2	1,2-Dichloroethane	17.0		1.0	0.18
78-93-3	Methyl Ethyl Ketone	17.4		10	0.65
71-55-6	1,1,1-Trichloroethane	16.3		1.0	0.13
56-23-5	Carbon tetrachloride	15.6		1.0	0.15
75-27-4	Bromodichloromethane	17.4		1.0	0.33
78-87-5	1,2-Dichloropropane	16.9		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	15.8		1.0	0.14
79-01-6	Trichloroethene	16.2		1.0	0.12
124-48-1	Dibromochloromethane	16.8		1.0	0.10
79-00-5	1,1,2-Trichloroethane	16.4		1.0	0.14
71-43-2	Benzene	16.2		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	16.4		1.0	0.10
75-25-2	Bromoform	15.7		1.0	0.17
108-10-1	methyl isobutyl ketone	16.2		10	0.21
591-78-6	2-Hexanone	19.1		10	0.13
127-18-4	Tetrachloroethene	18.9		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	17.1		1.0	0.092
108-88-3	Toluene	15.7		1.0	0.14
108-90-7	Chlorobenzene	15.8		1.0	0.18
100-41-4	Ethylbenzene	15.3		1.0	0.17
100-42-5	Styrene	14.9		1.0	0.29
1330-20-7	Xylenes, Total	45.4		3.1	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1
SDG No.: _____
Client Sample ID: CPN- (11) MSD Lab Sample ID: 460-43868-1 MSD
Matrix: Solid Lab File ID: k04075.d
Analysis Method: 8260B Date Collected: 08/21/2012 09:30
Sample wt/vol: 5.07(g) Date Analyzed: 08/31/2012 13:20
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: 3.9 Level: (low/med) Low
Analysis Batch No.: 126321 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04075.d
 Report Date: 31-Aug-2012 14:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04075.d
 Lab Smp Id: 460-43868-A-1-H MSD Client Smp ID: CPN- (11)
 Inj Date : 31-AUG-2012 13:20
 Operator : VOAMS 9 Inst ID: VOAMS9.i
 Smp Info : 460-43868-A-1-H MSD;;;5.07;5
 Misc Info : 460-43868-A-1-H MSD
 Comment :
 Method : /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/8260L_10.m
 Meth Date : 31-Aug-2012 10:31 desais Quant Type: ISTD
 Cal Date : 28-AUG-2012 02:40 Cal File: k03888.d
 Als bottle: 11 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * ((\text{Vt}/\text{Ws})/((100-\text{M})/100)) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.07000	Weight of sample extracted (g)
M	3.85757	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
90 Dichlorodifluoromethane	85	1.588	1.572	(0.292)	70550	15.4499	16	
1 Chloromethane	50	1.743	1.732	(0.320)	78822	15.1670	16	
4 Vinyl Chloride	62	1.845	1.834	(0.339)	88863	13.4467	14	
3 Bromomethane	94	2.128	2.123	(0.391)	61890	23.4910	24	
5 Chloroethane	64	2.192	2.187	(0.403)	47682	18.3631	19	
9 Trichlorofluoromethane	101	2.396	2.385	(0.440)	114776	14.4109	15	
121 n-Pentane	72	2.406	2.396	(0.442)	18654	25.4105	26(R)	
127 Ethanol	46	2.562	2.562	(0.471)	45722	2415.76	2500	
46 Ethyl Ether	59	2.599	2.594	(0.478)	48834	17.3782	18	
119 Isoprene	67	2.620	2.615	(0.482)	101993	16.3252	17	
157 Dichlorofluoromethane	67	2.380	2.369	(0.437)	158661	16.6528	17	
47 Acrolein	56	2.776	2.776	(0.510)	115111	216.407	220	
10 1,1-Dichloroethene	96	2.813	2.802	(0.517)	67186	17.5518	18	
48 Freon TF	101	2.797	2.792	(0.514)	75630	14.5208	15(R)	

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04075.d
 Report Date: 31-Aug-2012 14:46

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
7 Acetone	43	2.899	2.904	(0.533)	24528	22.4901	23
142 Iodomethane	142	2.968	2.963	(0.546)	138252	16.2764	17
8 Carbon Disulfide	76	3.000	2.995	(0.552)	245629	14.7655	15
50 Acetonitrile	41	3.203	3.198	(0.589)	135077	313.008	320
125 Methyl acetate	74	3.139	3.139	(0.577)	13720	19.4085	20
6 Methylene Chloride	84	3.257	3.252	(0.599)	82449	20.2511	21
51 TBA	59	3.327	3.327	(0.612)	146300	332.282	340
52 Acrylonitrile	53	3.524	3.519	(0.648)	138571	116.918	120
12 trans-1,2-Dichloroethene	96	3.450	3.444	(0.634)	71799	15.6876	16
53 MTBE	73	3.428	3.418	(0.630)	180616	16.2247	17
54 Hexane	56	3.605	3.599	(0.663)	38219	11.9401	12(R)
11 1,1-Dichloroethane	63	3.851	3.845	(0.708)	124308	16.2398	17
57 Vinyl Acetate	43	3.856	3.856	(0.709)	246599	37.8910	39
55 DIPE	45	3.819	3.813	(0.702)	199838	15.6994	16
149 tert-Butyl ethyl ether	59	4.134	4.129	(0.760)	198746	15.9426	16
104 2,2-Dichloropropane	77	4.354	4.354	(0.800)	110014	15.6411	16
13 cis-1,2-Dichloroethene	96	4.370	4.370	(0.803)	81648	16.2299	17
18 2-Butanone	72	4.380	4.386	(0.805)	6308	16.9917	17
56 Ethyl Acetate	70	4.386	4.391	(0.806)	11729	31.1156	32
108 Bromochloromethane	128	4.600	4.594	(0.846)	38527	16.8947	17
160 Tetrahydrofuran	42	4.594	4.594	(0.845)	17156	18.5379	19
15 Chloroform	83	4.653	4.648	(0.855)	126764	16.7824	17
20 1,1,1-Trichloroethane	97	4.803	4.798	(0.883)	109194	15.8661	16
59 Cyclohexane	56	4.792	4.792	(0.881)	108856	13.4405	14(R)
21 Carbon Tetrachloride	117	4.921	4.921	(0.905)	85888	15.2439	16(R)
92 1,1-Dichloropropene	75	4.947	4.948	(0.910)	88545	14.0103	14(R)
\$ 16 1,2-Dichloroethane-d4 (SUR)	65	5.161	5.162	(0.949)	147348	47.0818	48
28 Benzene	78	5.151	5.145	(0.947)	285483	15.8148	16
17 1,2-Dichloroethane	62	5.236	5.236	(0.963)	77296	16.5395	17
61 Isopropyl Acetate	43	5.199	5.199	(0.956)	234968	30.3412	31
140 tert-Amylmethyl Ether	73	5.215	5.210	(0.959)	190130	16.8090	17
* 69 Fluorobenzene	96	5.440	5.434	(1.000)	672292	50.0000	
156 2,4,4-Trimethyl-1-pentene	112	5.654	5.654	(1.039)	37080	22.0148	22(R)
25 Trichloroethene	95	5.793	5.787	(1.065)	70905	15.7913	16(R)
63 n-Butanol	43	5.723	5.729	(1.052)	53251	998.241	1000
96 Ethyl Acrylate	85	5.910	5.905	(1.087)	3361	17.3097	18
126 Methyl cyclohexane	83	5.926	5.921	(1.089)	108513	12.0764	12(R)
23 1,2-Dichloropropane	63	6.082	6.082	(1.118)	67127	16.4678	17
109 Dibromomethane	93	6.210	6.210	(1.142)	38443	16.3445	17
95 1,4-Dioxane	88	6.199	6.199	(1.140)	5574	121.276	120
146 Methyl methacrylate	69	6.151	6.157	(1.131)	35355	16.4020	17
64 Propyl Acetate	43	6.210	6.210	(1.142)	55794	29.3604	30
22 Bromodichloromethane	83	6.360	6.360	(1.169)	84188	16.9476	17
30 2-Chloroethyl Vinyl Ether	63	6.697	6.697	(1.231)	22427	11.7617	12(R)
159 2-Nitropropane	41	5.060	5.060	(0.930)	259738		(a)
118 Epichlorohydrin	57	6.804	6.804	(1.251)	99021	316.967	320
24 cis-1,3-Dichloropropene	75	6.863	6.863	(1.262)	94235	15.4256	16(R)

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04075.d
 Report Date: 31-Aug-2012 14:46

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
33 4-Methyl-2-Pentanone	43	7.034	7.029	(1.293)	44975	15.8226	16
\$ 37 Toluene-d8 (SUR)	98	7.114	7.114	(0.799)	574645	46.5799	48
38 Toluene	91	7.194	7.189	(0.808)	297203	15.3291	16
29 trans-1,3-Dichloropropene	75	7.537	7.531	(0.846)	77632	16.0067	16
27 1,1,2-Trichloroethane	83	7.756	7.751	(0.871)	43634	15.9782	16
35 Tetrachloroethene	166	7.804	7.799	(0.876)	90092	18.3959	19
103 1,3-Dichloropropane	76	7.965	7.965	(0.894)	82675	16.6415	17
34 2-Hexanone	43	8.029	8.029	(0.901)	32674	18.5732	19
26 Dibromochloromethane	129	8.195	8.200	(0.920)	56344	16.3679	17
65 Butyl Acetate	43	8.141	8.136	(0.914)	126326	30.7629	32
66 1,2-Dibromoethane	107	8.355	8.355	(0.938)	50956	16.0886	16
* 32 Chlorobenzene-d5	117	8.906	8.906	(1.000)	469254	50.0000	
39 Chlorobenzene	112	8.944	8.938	(1.004)	178813	15.4404	16(R)
97 1,1,1,2-Tetrachloroethane	131	9.061	9.056	(1.017)	62819	15.1248	16
40 Ethylbenzene	106	9.045	9.045	(1.016)	96919	14.8963	15(R)
43 m+p-Xylene	106	9.195	9.195	(1.032)	235822	29.4546	30(R)
44 o-Xylene	106	9.628	9.629	(1.081)	120866	14.7597	15(R)
42 Styrene	104	9.661	9.655	(1.085)	185902	14.4806	15(R)
147 Butyl Acrylate	55	9.612	9.612	(0.874)	79570	14.1566	14(R)
31 Bromoform	173	9.853	9.853	(1.106)	33278	15.2965	16
145 Amyl Acetate	43	9.826	9.832	(1.103)	60302	21.4111	22
110 Isopropylbenzene	105	9.966	9.966	(1.119)	301065	14.0153	14
\$ 41 Bromofluorobenzene (SUR)	174	10.142	10.142	(0.922)	223775	49.6554	51
150 Camphene	41	10.158	10.158	(0.923)	17868	11.5213	12
107 Bromobenzene	156	10.254	10.254	(0.932)	76542	14.8238	15(R)
36 1,1,2,2-Tetrachloroethane	83	10.286	10.287	(0.935)	70013	16.6380	17
99 1,2,3-Trichloropropane	110	10.329	10.329	(0.939)	18599	16.9909	17
143 trans-1,4-Dichloro-2-butene	53	10.345	10.345	(1.902)	14946	14.7820	15
112 n-Propylbenzene	91	10.313	10.313	(0.937)	347577	14.2253	14(R)
105 2-Chlorotoluene	91	10.404	10.404	(0.946)	235746	14.2594	15(R)
161 4-Ethyltoluene	105	10.410	10.410	(1.914)	298122	14.0036	14
106 4-Chlorotoluene	91	10.495	10.495	(0.954)	199265	13.9792	14(R)
102 1,3,5-Trimethylbenzene	105	10.463	10.463	(0.951)	241155	13.7510	14(R)
148 Butyl methacrylate	69	10.533	10.533	(0.957)	77346	14.7199	15(R)
115 tert-Butylbenzene	119	10.693	10.693	(0.972)	191876	13.4487	14(R)
100 1,2,4-Trimethylbenzene	105	10.741	10.736	(0.976)	242032	13.7285	14(R)
114 sec-Butylbenzene	105	10.848	10.848	(0.986)	307991	13.3557	14(R)
67 1,3-Dichlorobenzene	146	10.955	10.950	(0.996)	133916	13.2235	14(R)
* 91 1,4-Dichlorobenzene-d4	152	11.003	11.003	(1.000)	249147	50.0000	
68 1,4-Dichlorobenzene	146	11.019	11.019	(1.001)	131844	13.0322	13(R)
113 p-Isopropyltoluene	119	10.950	10.945	(0.995)	253918	13.0215	13(R)
117 Benzyl chloride	91	11.121	11.116	(1.011)	105621	13.4091	14(R)
69 1,2-Dichlorobenzene	146	11.271	11.260	(1.024)	124858	12.8037	13(R)
162 1,4-Diethylbenzene	119	11.201	11.196	(2.059)	149828	11.7265	12
111 n-Butylbenzene	91	11.217	11.212	(1.019)	272556	11.9677	12(R)
101 1,2-Dibromo-3-chloropropane	75	11.758	11.747	(1.069)	11339	14.0250	14(R)
163 1,2,4,5-Tetramethylbenzene	119	11.683	11.672	(2.148)	196969	10.4993	11

Data File: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b/k04075.d
 Report Date: 31-Aug-2012 14:46

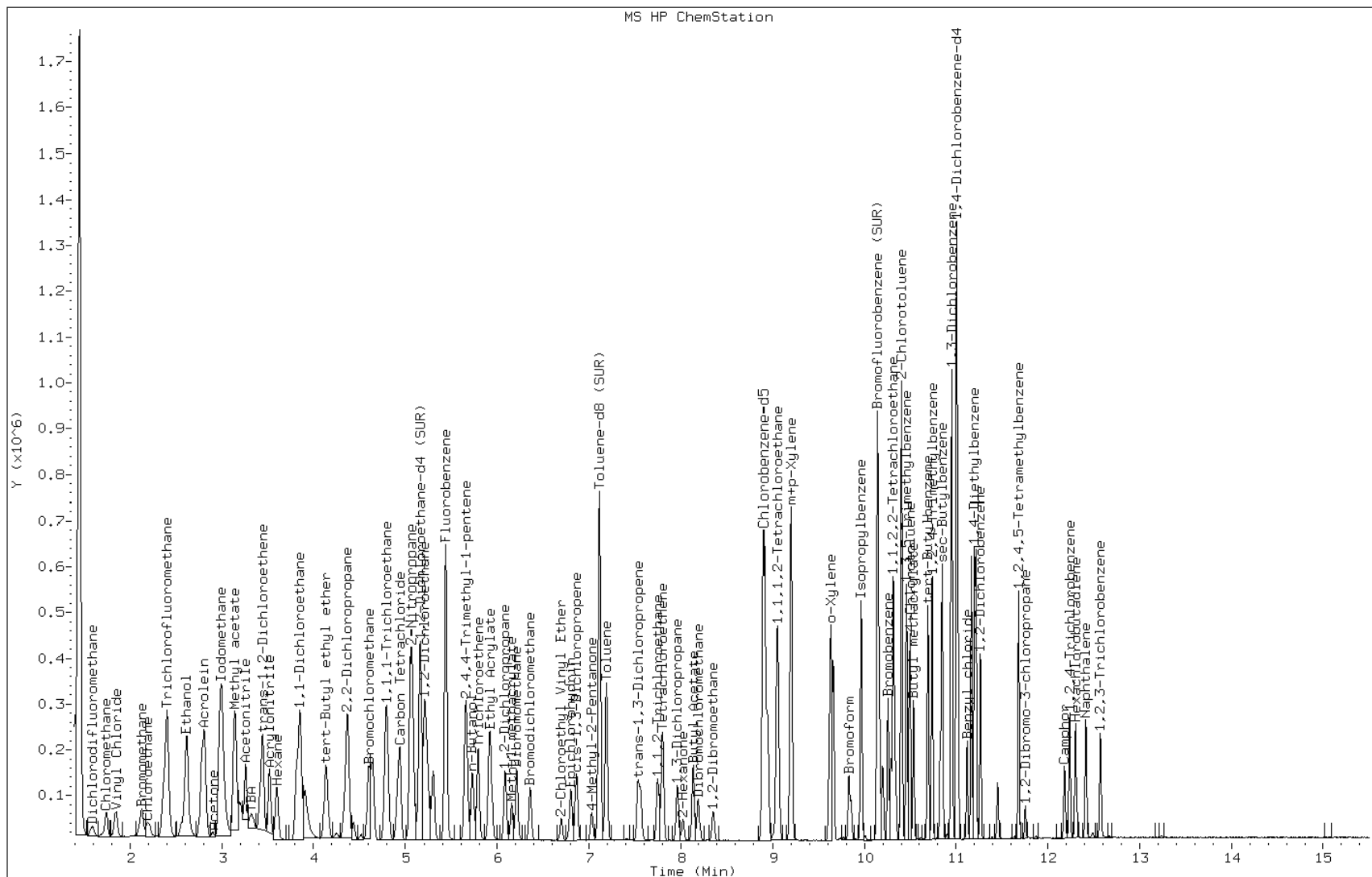
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
152 Camphor	95	12.186	12.175	(1.107)	31213	73.0739	75
93 1,2,4-Trichlorobenzene	180	12.244	12.228	(1.113)	71314	9.72924	10(R)
94 Hexachlorobutadiene	225	12.309	12.293	(1.119)	39721	9.51270	9.8(R)
70 Naphthalene	128	12.416	12.405	(1.128)	161662	10.8617	11(R)
98 1,2,3-Trichlorobenzene	180	12.576	12.566	(1.143)	59152	8.88292	9.1(R)
M 14 1,2-Dichloroethene (total)	100				153447	31.9176	33
M 45 Xylene (Total)	100				356688	44.2148	45(R)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Instrument: VOAMS9.i

Operator: VOAMS 9



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Instrument ID: VOAMS3 Start Date: 08/14/2012 06:44Analysis Batch Number: 124069 End Date: 08/14/2012 16:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-124069/1		08/14/2012 06:44	1	c69952.d	Rtx-624 0.25 (mm)
ICIS 460-124069/2		08/14/2012 08:47	1	c69957.d	Rtx-624 0.25 (mm)
IC 460-124069/3		08/14/2012 09:11	1	c69958.d	Rtx-624 0.25 (mm)
IC 460-124069/4		08/14/2012 09:34	1	c69959.d	Rtx-624 0.25 (mm)
IC 460-124069/5		08/14/2012 09:57	1	c69960.d	Rtx-624 0.25 (mm)
IC 460-124069/6		08/14/2012 15:41	1	c69970.d	Rtx-624 0.25 (mm)
IC 460-124069/7		08/14/2012 16:08	1	c69971.d	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Instrument ID: VOAMS3 Start Date: 08/27/2012 22:20Analysis Batch Number: 125772 End Date: 08/28/2012 09:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-125772/1		08/27/2012 22:20	1	c70481.d	Rtx-624 0.25 (mm)
CCVIS 460-125772/2		08/27/2012 23:07	1	c70483.d	Rtx-624 0.25 (mm)
LCS 460-125772/3		08/28/2012 00:31	1	c70485.d	Rtx-624 0.25 (mm)
MB 460-125772/4		08/28/2012 01:46	1	c70488.d	Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 02:10	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 02:33	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 02:56	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 03:19	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 03:42	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 04:05	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 04:28	1		Rtx-624 0.25 (mm)
460-43868-8	FB0821	08/28/2012 04:51	1	c70496.d	Rtx-624 0.25 (mm)
460-43868-9	TB0821	08/28/2012 05:14	1	c70497.d	Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 05:37	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 06:01	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 06:24	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 06:47	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 07:10	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 07:33	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 07:56	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 08:19	10		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 08:43	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 09:29	20		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2012 09:52	20		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Instrument ID: VOAMS9 Start Date: 08/27/2012 19:59Analysis Batch Number: 125812 End Date: 08/28/2012 02:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-125812/1		08/27/2012 19:59	1	k03872.d	DB-624 0.53 (mm)
ICIS 460-125812/2		08/27/2012 20:51	1	k03874.d	DB-624 0.53 (mm)
IC 460-125812/3		08/27/2012 23:14	1	k03880.d	DB-624 0.53 (mm)
IC 460-125812/4		08/27/2012 23:45	1	k03881.d	DB-624 0.53 (mm)
IC 460-125812/5		08/28/2012 00:06	1	k03882.d	DB-624 0.53 (mm)
IC 460-125812/6		08/28/2012 02:19	1	k03887.d	DB-624 0.53 (mm)
IC 460-125812/7		08/28/2012 02:40	1	k03888.d	DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Instrument ID: VOAMS9 Start Date: 08/31/2012 08:40Analysis Batch Number: 126321 End Date: 08/31/2012 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126321/1		08/31/2012 08:40	1	k04064.d	DB-624 0.53 (mm)
CCVIS 460-126321/2		08/31/2012 09:34	1	k04066.d	DB-624 0.53 (mm)
LCS 460-126321/3		08/31/2012 10:02	1	k04067.d	DB-624 0.53 (mm)
ZZZZZ		08/31/2012 11:45	1		DB-624 0.53 (mm)
MB 460-126321/5		08/31/2012 12:07	1	k04072.d	DB-624 0.53 (mm)
460-43868-1	CPN- (11)	08/31/2012 12:37	1	k04073.d	DB-624 0.53 (mm)
460-43868-1 MS	CPN- (11) MS	08/31/2012 12:59	1	k04074.d	DB-624 0.53 (mm)
460-43868-1 MSD	CPN- (11) MSD	08/31/2012 13:20	1	k04075.d	DB-624 0.53 (mm)
LB3 460-125520/1-A		08/31/2012 14:03	1	k04077.d	DB-624 0.53 (mm)
ZZZZZ		08/31/2012 14:25	1		DB-624 0.53 (mm)
ZZZZZ		08/31/2012 14:46	1		DB-624 0.53 (mm)
460-43868-2	CPS- E(15)	08/31/2012 15:08	1	k04080.d	DB-624 0.53 (mm)
460-43868-3	CPS- ED(15)	08/31/2012 15:29	1	k04081.d	DB-624 0.53 (mm)
460-43868-4	CPS- N	08/31/2012 15:51	1	k04082.d	DB-624 0.53 (mm)
460-43868-5	CPS- S	08/31/2012 16:13	1	k04083.d	DB-624 0.53 (mm)
460-43868-6	CPS- W	08/31/2012 16:34	1	k04084.d	DB-624 0.53 (mm)
ZZZZZ		08/31/2012 17:17	1		DB-624 0.53 (mm)
ZZZZZ		08/31/2012 17:38	1		DB-624 0.53 (mm)
ZZZZZ		08/31/2012 17:59	1		DB-624 0.53 (mm)
ZZZZZ		08/31/2012 18:20	1		DB-624 0.53 (mm)
ZZZZZ		08/31/2012 18:42	1		DB-624 0.53 (mm)
ZZZZZ		08/31/2012 19:03	1		DB-624 0.53 (mm)
ZZZZZ		08/31/2012 19:24	1		DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Instrument ID: VOAMS9 Start Date: 09/04/2012 05:42Analysis Batch Number: 126458 End Date: 09/04/2012 15:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126458/1		09/04/2012 05:42	1	k04094.d	DB-624 0.53 (mm)
CCVIS 460-126458/2		09/04/2012 05:52	1	k04095.d	DB-624 0.53 (mm)
LCS 460-126458/3		09/04/2012 06:14	1	k04096.d	DB-624 0.53 (mm)
LCSD 460-126458/4		09/04/2012 06:36	1	k04097.d	DB-624 0.53 (mm)
MB 460-126458/5		09/04/2012 08:23	1	k04100.d	DB-624 0.53 (mm)
ZZZZZ		09/04/2012 08:57	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 08:57	1		DB-624 0.53 (mm)
460-43868-7	CPS- B	09/04/2012 09:19	1	k04102.d	DB-624 0.53 (mm)
ZZZZZ		09/04/2012 09:40	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 10:02	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 10:24	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 10:45	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 11:07	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 11:29	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 11:50	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 12:12	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 12:33	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 12:55	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 13:16	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 13:59	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 14:42	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 15:04	1		DB-624 0.53 (mm)
ZZZZZ		09/04/2012 15:25	1		DB-624 0.53 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Batch Number: 125520 Batch Start Date: 08/24/12 23:05 Batch Analyst: Jin, FangzhouBatch Method: 5035 Batch End Date: 08/24/12 23:27

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-125520/1		5035, 8260B		5 g	5 mL				
460-43868-A-1	CPN- (11)	5035, 8260B	T	5.26 g	5 mL				
460-43868-A-1 MS	CPN- (11)	5035, 8260B	T	5.07 g	5 mL				
460-43868-A-1 MSD	CPN- (11)	5035, 8260B	T	5.07 g	5 mL				
460-43868-A-2	CPS- E(15)	5035, 8260B	T	5.23 g	5 mL				
460-43868-A-3	CPS- ED(15)	5035, 8260B	T	5.61 g	5 mL				
460-43868-A-4	CPS- N	5035, 8260B	T	5.56 g	5 mL				
460-43868-A-5	CPS- S	5035, 8260B	T	5.03 g	5 mL				
460-43868-A-6	CPS- W	5035, 8260B	T	5.36 g	5 mL				
460-43868-A-7	CPS- B	5035, 8260B	T	5.48 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b

Date Generated: 08/15/2012

Page 1

#124069

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/14/12 0644	c69952.d	2	BFB		0	0	1	all		1573404 1682796	↗
08/14/12 0715	c69953.d	2	BLANK		5	0	1	all		1662999 1663006	↗
08/14/12 0738	c69954.d	3	IC-VCAL1		5	0	1	all		1663015 1663022	↗
08/14/12 0801	c69955.d	4	IC-VCAL1		5	0	1	all		1663025 1663032	↗
08/14/12 0824	c69956.d	5	IC-VCAL2		5	0	1	all		M604 51325	↗
08/14/12 0847	c69957.d	6	ICIS-VCAL3		5	0	1	all			↗
08/14/12 0911	c69958.d	7	IC-VCAL4		5	0	1	all			↗
08/14/12 0934	c69959.d	8	IC-VCAL5		5	0	1	all			↗
08/14/12 0957	c69960.d	9	IC-VCAL6		5	0	1	all			↗
08/14/12 1020	c69961.d	10	BLANK		5	0	1	all			↗
08/14/12 1043	c69962.d	11	BLANK		5	0	1	all			↗
08/14/12 1116	c69963.d	12	BLANK		5	0	1	all			↗
08/14/12 1148	c69964.d	13	BLANK		5	0	1	all			↗
08/14/12 1218	c69965.d	14	IC-VCAL1		5	0	1	all			↗

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/08-14-12/14aug12.b

Date Generated: 08/15/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/14/12 1241	c69966.d	15	IC-VCAL2		5	0	1	all			25
08/14/12 1432	c69967.d	16	IC-VCAL0.5		5	0	1	all			25
08/14/12 1455	c69968.d	17	IC-VCAL1		5	0	1	all			25
08/14/12 1518	c69969.d	18	IC-VCAL2		5	0	1	all			25
08/14/12 1541	c69970.d	19	IC-VCAL1		5	0	1	all			25
08/14/12 1608	c69971.d	20	IC-VCAL2		5	0	1	all			25

Signed: Christopher Moway Read and Understood by: Isabel Del Rio

Date: 8-15-12 Date: 8/15/12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b

Date Generated: 08/29/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/27/12 2220	c70481.d	2	BFB		0	0	1	all		8260 HIGH	G
08/27/12 2244	c70482.d	1	PRIMER		5	0	1	all		8260 IS: SURRE 500:	NH
08/27/12 2307	c70483.d	2	CCVIS		5	0	1	all		SURRE 250:	G CS2↑
08/28/12 0008	c70484.d	3	LCS		5	0	1	all		GAS 500: MIX 1 500:	NH
08/28/12 0031	c70485.d	4	LCS		5	0	1	all		MIX 2 500: MIX 3:	G CS2↑
08/28/12 0054	c70486.d	5	MB		5	0	1	all		AC/AC: GAS 500:	NG
08/28/12 0118	c70487.d	6	MB		5	0	1	all		8260 IS: MIX 3 SP:	NG
08/28/12 0146	c70488.d	7	MB		5	0	1	all		AC/AC SP: MISC:	G
08/28/12 0210	c70489.d	8	460-43773-A-3	Trip Blank	5	0	1	all	L2	1663025	G
08/28/12 0233	c70490.d	9	460-43759-A-18	FB	5	0	1	all	L2	1663026	G
08/28/12 0256	c70491.d	10	460-43803-A-5	Trip Blank	5	0	1	all	L2	MEOH 52069	G
08/28/12 0319	c70492.d	11	460-43842-A-4	FB08232012	5	0	1	all	L2		G
08/28/12 0342	c70493.d	12	460-43842-A-5	Trip Blank	5	0	1	all	L2		G
08/28/12 0405	c70494.d	13	460-43863-A-1	Trip Blank	5	0	1	all	L2		G

Dilution
 10x - 5ml → 50ml FV.
 20x - 2.5ml → 50ml
 5x - 10ml → 50ml

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b

Date Generated: 08/29/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/28/12 0428	c70495.d	14	460-43946-A-1	FBGW_082112	5	0	1	all	12		G
08/28/12 0451	c70496.d	15	460-43868-A-8	FB0821	5	0	1	all	12		G
08/28/12 0514	c70497.d	16	460-43868-A-9	TB0821	5	0	1	all	12		G
08/28/12 0537	c70498.d	17	460-43797-A-2	MW-6	5	0	1	all	12		G
08/28/12 0601	c70499.d	18	460-43797-A-3	AOP 80	5	0	1	all	12		G
08/28/12 0624	c70500.d	19	460-43797-A-4	AOP 117	5	0	1	all	12		G
08/28/12 0647	c70501.d	20	460-43797-A-5	AOP 9	5	0	1	all	12		G
08/28/12 0710	c70502.d	21	460-43797-A-6	AOP 108	5	0	1	all	12		G
08/28/12 0733	c70503.d	22	460-43797-A-11	AS2C1	5	0	1	all	12		G
08/28/12 0756	c70504.d	23	460-43797-A-12	C1 C2	5	0	1	all	12		G
08/28/12 0819	c70505.d	24	460-43797-A-1	MW-5	5	0	10	all	12		G
08/28/12 0843	c70506.d	25	460-43797-A-1	MW-5	5	0	1	all	12		G see 01
08/28/12 0906	c70507.d	26	BLK		5	0	1	all			Null.
08/28/12 0929	c70508.d	27	460-43797-A-1 MS		5	0	20	all	12		G

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/08-14-12/27aug12a.b

Date Generated: 08/29/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/28/12 0952	c70509.d	28	460-43797-A-1 MSD		5	0	20	all	2		G
08/28/12 1544	c70522.d	41	500-49541-A-1		5	0	5	all			Screen only
08/28/12 1607	c70523.d	42	500-49541-A-2		5	0	5	all			
08/28/12 1630	c70524.d	43	500-49541-A-3		5	0	5	all			
08/28/12 1653	c70525.d	44	500-49541-A-4		5	0	5	all			
08/28/12 1716	c70526.d	45	500-49541-A-5		5	0	5	all			
08/28/12 1739	c70527.d	46	500-49541-A-6		5	0	5	all			

Signed: Ken Boykin

Read and Understood by: A. Dupont

Date: 8/28/12

Date: 8/28/12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b

Date Generated: 08/28/2012

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UB

8/29/12

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/27/12 1959	k03872.d	2	BFB		0	0	1	all			
										8260 LOW	G
08/27/12 2030	k03873.d	1	CCVIS		5	5	1	all		8260 IS: 1697219 Surr 250:	NG
08/27/12 2051	k03874.d	2	ICIS-VMCAL3		5	5	1	all		1662678 GAS SP:	G
08/27/12 2127	k03875.d	3	BLK		5	5	1	all		1697254 MIX 1.50:	
										1662998 MIX 2.50:	cleanup
08/27/12 2148	k03876.d	4	BLK		5	5	1	all		1663005 MIX 3:	
										1663015 AC/AC:	↓
08/27/12 2210	k03877.d	5	IC-VMCAL1		5	5	1	all		1663022 GAS SP:	
										1697252 8260 SP:	NG
08/27/12 2231	k03878.d	6	IC-VMCAL1		5	5	1	all		1687404 MIX 3 SP:	
										1663021 AC/AC SP:	
08/27/12 2252	k03879.d	7	IC-VMCAL2		5	5	1	all		1663023 MISC:	
										BFB	
08/27/12 2314	k03880.d	8	IC-VMCAL4		5	5	1	all		1606918 MISC:	
										52069	G
08/27/12 2345	k03881.d	9	IC-VMCAL5		5	5	1	all		1663027	G
										1663022	
08/28/12 0006	k03882.d	10	IC-VMCAL6		5	5	1	all		1663028	
										1697255	G
08/28/12 0039	k03883.d	11	BLK		5	5	1	all		1662999	
										1663006	cleanup
08/28/12 0100	k03884.d	12	BLK		5	5	1	all			
08/28/12 0122	k03885.d	13	BLK		5	5	1	all			

ICV
std.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260L_10/08-27-12/27aug12.b

Date Generated: 08/28/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/28/12 0143	k03886.d	14	BLK		5	5	1	all			
08/28/12 0219	k03887.d	15	IC-VMCAL2		5	5	1	all			cleanup
08/28/12 0240	k03888.d	16	IC-VMCAL1		5	5	1	all			G
08/28/12 0324	k03889.d	17	LCS		5	5	1	all			G
08/28/12 0345	k03890.d	18	ICV		5	5	1	all			Gas ↑
											↓

Signed: Saurabh Desai for kenny Read and Understood by: Saurabh Desai

Date: 08/28/12

Date: 08/28/12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b

Date Generated: 09/04/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/31/12 0840	k04064.d	2	BFB		0	0	1	all			
08/31/12 0859	k04065.d	1	CCVIS		5	5	1	all			
08/31/12 0934	k04066.d	2	CCVIS		5	5	1	all			
08/31/12 1002	k04067.d	3	LCS		5	5	1	all			
08/31/12 1024	k04068.d	4	LCSD		5	5	1	all			
08/31/12 1055	k04069.d	5	LCSD		5	5	1	all			
08/31/12 1124	k04070.d	6	MB		5	5	1	all			
08/31/12 1145	k04071.d	7	LB3 460-125629/1-A		5	5	1	all			
08/31/12 1207	k04072.d	8	MB		5	5	1	all			
08/31/12 1237	k04073.d	9	460-43868-A-1-D	CPN- (11)	5.26	5	1	all			
08/31/12 1259	k04074.d	10	460-43868-A-1-F MS	CPN- (11)	5.07	5	1	all			
08/31/12 1320	k04075.d	11	460-43868-A-1-H MSD	CPN- (11)	5.07	5	1	all			
08/31/12 1342	k04076.d	12	BLANK		5	5	1	all			
08/31/12 1403	k04077.d	13	LB3 460-125520/1-A		5	5	1	all			

8260 LOW

4260 IS:

1714066

714066

SURR 250:

GAS 50:

1711532

MIX 1 50:

1662998

MIX 2 50:

1663005

MIX 3:

1663015

AC/AC:

1663022

GAS SP:

1711334

8260 SP:

1687404

MIX 3 SP:

1663021

AC/AC SR:

1663023

MSC:

BFB

1608418

NEEH

52069

G

NG

G - int. / surrogate changed.

G

NG - Vinyl chloride ↓

↓

↓

NG-clo

G

G

G

G

G

G

cleanup

G

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b

Date Generated: 09/04/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/31/12 1425	k04078.d	14	460-43803-C-3-A	SB-10/16.5-17.0	6.02	5	1	all			G
08/31/12 1446	k04079.d	15	460-43935-A-1-A	WC-1	5.1	5	1	all			G
08/31/12 1508	k04080.d	16	460-43868-A-2-B	CPS- E(15)	5.23	5	1	all			G
08/31/12 1529	k04081.d	17	460-43868-A-3-B	CPS- ED(15)	5.61	5	1	all			G
08/31/12 1551	k04082.d	18	460-43868-A-4-B	CPS- N	5.56	5	1	all			G
08/31/12 1613	k04083.d	19	460-43868-A-5-B	CPS- S	5.03	5	1	all			G
08/31/12 1634	k04084.d	20	460-43868-A-6-B	CPS- W	5.36	5	1	all			G
08/31/12 1656	k04085.d	21	460-43868-A-7-B	CPS- B	5.29	5	1	all			G
08/31/12 1717	k04086.d	22	460-43883-B-1-A	Disp. Profile	5.23	5	1	all			NG. Int. ↓ p1. see K04101.d NG. Sum. ↑
08/31/12 1738	k04087.d	23	460-43932-B-1-B	Kioskexcavation_bot	5.66	5	1	all			G
08/31/12 1759	k04088.d	24	460-43932-B-2-B	PPtrench1_bottom_20	5.73	5	1	all			G
08/31/12 1820	k04089.d	25	LB3 460-125974/1-A		5	5	1	all			G
08/31/12 1842	k04090.d	26	460-44001-A-1-A	SB-1 (10-11')	5.57	5	1	all			G
08/31/12 1903	k04091.d	27	460-44001-A-2-A	SB-2 (3-4')	5.59	5	1	all			G

09/10/12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260L_10/08-27-12/31aug12.b

Date Generated: 09/04/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/31/12 1924	k04092.d	28	460-44001-A-3-A	SB-3 (3-4')	5.27	5	1	all			
08/31/12 1946	k04093.d	29	BLANK		5	5	1	all			6 cleanup

Signed: *Samatha Desai* Read and Understood by: *A. Dyrnegal*

Date: 09/04/12 Date: 9/04/12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b

Date Generated: 09/04/2012

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#126458

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/04/12 0542	k04094.d	2	BFB		0	0	1	all			
09/04/12 0552	k04095.d	1	CCVIS		5	5	1	all		8260 LOW	G
09/04/12 0614	k04096.d	2	LCS		5	5	1	all		8260 IS: 1714060 SURF 250: 1714061 GAS 50: 1711332 MIX 150: 1715600	G CCL4b
09/04/12 0636	k04097.d	3	LCSD		5	5	1	all		MIX 250: 1715613 MIX 3: 1715787 ACAC: 1715780 GAS SP: 1711334	G CCL4b
09/04/12 0740	k04098.d	4	MB		5	5	1	all		8260 SP: 1715790 MIX 3 SP: 1715779 ACAC SP: 1715781	NG
09/04/12 0801	k04099.d	5	MB		5	5	1	all			NG
09/04/12 0823	k04100.d	6	MB		5	5	1	all			G
09/04/12 0857	k04101.d	7	460-43883-B-1-B	Disp. Profile	5.5	5	1	all			G
09/04/12 0919	k04102.d	8	460-43868-A-7-C	CPS- B	5.48	5	1	all			G SURR OUT K04086.d
09/04/12 0940	k04103.d	9	460-44130-A-1-A	PMP-25N-VS	5.58	5	1	all		MEDIA 52069	G
09/04/12 1002	k04104.d	10	460-44130-A-2-A	PMP-25N-VD	3.71	5	1	all			G
09/04/12 1024	k04105.d	11	460-44130-A-3-A	PMP-25N-WT	5.61	5	1	all			G
09/04/12 1045	k04106.d	12	460-44130-A-4-A	PMP-14N-VS	3.82	5	1	all			G
09/04/12 1107	k04107.d	13	460-44130-A-5-A	PMP-14N-VD	5.26	5	1	all			G

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS9.i

Analytical Batch: /chem/VOAMS9.i/8260L_10/08-27-12/04sep12.b

Date Generated: 09/04/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/04/12 1129	k04108.d	14	460-44130-A-6-A	PMP-14N-WT	5.01	5	1	all			G
09/04/12 1150	k04109.d	15	460-44130-A-7-A	PMP-4N-VS	5.92	5	1	all			G
09/04/12 1212	k04110.d	16	460-44130-A-8-A	PMP-4N-VD	5.13	5	1	all			G
09/04/12 1233	k04111.d	17	460-44130-A-9-A	PMP-4N-WT	5.38	5	1	all			G
09/04/12 1255	k04112.d	18	460-44130-A-10-A	PMP-13N-VD	5.5	5	1	all			G
09/04/12 1316	k04113.d	19	460-44130-A-13-A	PMP-13N-SD	6.49	5	1	all			G
09/04/12 1338	k04114.d	20	460-44130-A-14-A	PMP-9N-VD	5.58	5	1	all			NG RRLC ₁₀
09/04/12 1359	k04115.d	21	460-44130-A-17-A	PMP-10N-VD	5.1	5	1	all			G
09/04/12 1421	k04116.d	22	460-44130-A-20-A	PMP-10N-SD	5.2	5	1	all			NG IS ₁ LEAKED
09/04/12 1442	k04117.d	23	460-44130-A-24-A	PMP-5N-VD	5.03	5	1	all			G
09/04/12 1504	k04118.d	24	460-44130-A-27-A	PMP-6N-VD	5.52	5	1	all			G
09/04/12 1525	k04119.d	25	460-44130-A-33-A	DUP_083112	4.12	5	1	all			G
09/04/12 1547	k04120.d	26	460-44130-A-34-A	DUP1_083112	5.2	5	1	all			NG RRLC ₁₀
09/04/12 1609	k04121.d	27	BLANK		5	5	1	all			NG

Signed: ICB for Saurabh Desai 9/4/12 Read and Understood by: Ken Boyer 9/4/12

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-43868-1

SDG No.: _____

Project: 3801 Hempstead Turnpike

Client Sample ID	Lab Sample ID
CPN- (11)	460-43868-1
CPS- E(15)	460-43868-2
CPS- ED(15)	460-43868-3
CPS- N	460-43868-4
CPS- S	460-43868-5
CPS- W	460-43868-6
CPS- B	460-43868-7

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-43868-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-43868-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/26/2012 18:17 End Date: 08/26/2012 18:17

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
460-43868-1	1	T	18:17	X	X																
460-43868-1 MS	1	T	18:17	X	X																
460-43868-1 MSD	1	T	18:17	X	X																
460-43868-2	1	T	18:17	X	X																
460-43868-3	1	T	18:17	X	X																
460-43868-4	1	T	18:17	X	X																
460-43868-5	1	T	18:17	X	X																
460-43868-6	1	T	18:17	X	X																
460-43868-7	1	T	18:17	X	X																
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		
ZZZZZZ			18:17																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-43868-1

SDG No.: _____

Batch Number: 125606 Batch Start Date: 08/26/12 18:17 Batch Analyst: Dave, VirendraBatch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-43868-A-1	CPN- (11)	Moisture	T	43	1.06 g	7.80 g	7.54 g		
460-43868-A-1 MS	CPN- (11)	Moisture	T	44	1.06 g	7.80 g	7.54 g		
460-43868-A-1 MSD	CPN- (11)	Moisture	T	45	1.06 g	7.80 g	7.54 g		
460-43868-A-2	CPS- E(15)	Moisture	T	46	1.01 g	8.55 g	8.40 g		
460-43868-A-3	CPS- ED(15)	Moisture	T	47	1.00 g	7.17 g	7.01 g		
460-43868-A-4	CPS- N	Moisture	T	48	1.01 g	7.62 g	7.45 g		
460-43868-A-5	CPS- S	Moisture	T	49	0.97 g	8.31 g	7.96 g		
460-43868-A-6	CPS- W	Moisture	T	50	1.00 g	7.00 g	6.85 g		
460-43868-A-7	CPS- B	Moisture	T	51	1.01 g	8.09 g	7.87 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	8/26/12
Oven Temp when samples are put in oven	104 Degrees C
Time samples were place in the oven	19:25
Date samples were removed from oven	8/27/12
Oven Temp when samples removed from oven	Oven-2 103 Degrees C
Time Samples were removed from oven	8:07
Oven ID	2
ID number of the thermometer	2935
Uncorrected Out Temperature	None Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) <u>BEN CANCERMI</u>		Samplers Name (Printed) <u>BEN CANCERMI</u>		Site/Project Identification <u>3801 Hempstead TPke / 696-12-07 (04)</u>	
Company <u>FPM GROUP</u>		P. O. #		State (Location of site): NJ: ☐ NY: ☒ Other:	
Address <u>909 MARCONI AVE</u> <u>3801 Hempstead TPke</u>		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)	
City <u>ROCKY HILL</u>		State <u>CT</u>		LAB USE ONLY Project No: Job No: <u>43868</u> Sample Numbers	
Phone <u>631-737-6200 / 24R</u>		Fax			
Sample Identification		Date			
Time	Matrix	No. of Cont.			
<u>CPN C113</u>	<u>8/21/12</u>	<u>930</u>	<u>Soil</u>	<u>3</u>	<u>X</u>
<u>CP5 - E(15)</u>		<u>1045</u>		<u>1</u>	
<u>CP5 - ED(15)</u>		<u>1045</u>		<u>1</u>	
<u>CP5 - N</u>		<u>1055</u>		<u>1</u>	
<u>CP5 - S</u>		<u>1055</u>		<u>1</u>	
<u>CP5 - W</u>		<u>1110</u>		<u>1</u>	
<u>CP5 - B</u>		<u>1115</u>	<u>✓</u>	<u>✓</u>	
<u>FB0821</u>		<u>1130</u>	<u>H₂O</u>	<u>2</u>	
<u>TB0821</u>	<u>✓</u>	<u>900</u>	<u>✓</u>	<u>2</u>	<u>✓</u>
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other _____, 7 = Other _____					
Soil: <u>1</u> Water: <u>2</u>					

Special Instructions MS/MSD ON CPN C113 + ALSO REQUIRE NYSDEC ERP Water Metals Filtered (Yes/No)?

Relinquished by <u>BEL</u>	Company <u>FPM</u>	Date / Time <u>8/23/12 11:00</u>	Received by <u>[Signature]</u>	Company <u>TAN YC</u>
Relinquished by <u>Paul OB</u>	Company <u>TAN YC</u>	Date / Time <u>8/23/12 17:50</u>	Received by <u>[Signature]</u>	Company <u>TA ED</u>
Relinquished by <u>3)</u>	Company	Date / Time	Received by <u>3)</u>	Company
Relinquished by <u>4)</u>	Company	Date / Time	Received by <u>4)</u>	Company

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-43868-1

Login Number: 43868

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8° C IR 3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

ATTACHMENT B

DATA USABILITY SUMMARY REPORTS

**DATA USABILITY SUMMARY REPORT
FOR AUGUST 2012 ENDPOINT SAMPLING
LAB REPORT #460-43868-1
AMERICAN DRIVE-IN CLEANERS SITE
3801 HEMPSTEAD TURNPIKE, NEW YORK**

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included seven soil samples retained from two former cesspools at the Site.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Interim Remedial Measures Work Plan (March 2012).

Sample Analyses

The samples were transmitted and analyzed by TestAmerica Laboratories, Inc. at their Edison, New Jersey facility, which is New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5035B/8260B. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory. Surrogate recoveries in each of the samples were within acceptance limits, indicating that the data are anticipated to be accurate.

Equipment blank sample, FB0821 was collected to evaluate potential contamination from field sampling procedures. No VOCs were detected in the equipment blank samples, with the exception of toluene at a low estimated concentration. Toluene is not a contaminant of concern for the Site and was not detected in any of the primary samples. Based on these results, cross-contamination due to field sampling procedures does not appear to present a significant concern for this data set.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. The trip blank sample showed no detections of VOCs; therefore, cross-contamination does not appear to present a concern in this data set.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (CPS-ED(15)) and the associated parent sample (CPS-E(15)) are nearly identical and, therefore, the laboratory results are likely to be precise.

A matrix spike/matrix spike duplicate (MS/MSD) sample was prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. Based on information provided by the analytical laboratory, the MS/MSD sample was noted to be outside the recovery criteria for several VOCs, however, tetrachloroethene, the compound of primary concern for the Site was noted to be within its

recovery criteria. Based on the laboratory data it appears that matrix-related effects have not significantly affected the primary purpose of sample data.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The results indicated that acetone and methylene chloride were detected at concentrations above their method detection limits and/or reporting limits in two of the three MB samples. Detections in associated primary samples were "B" and "J" flagged as appropriate. These compounds are common laboratory contaminants and are not compounds of concern for the Site. Therefore, the sample data set does not appear to be significantly affected.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS %Rs and %Rec. were all within established guidelines, except for carbon disulfide and carbon tetrachloride. These VOCs are not compounds of concern for the Site and were not detected in the primary samples, therefore, the sample data set does not appear to be significantly affected.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, injection logs, and examples of the calculations used to determine the sample concentrations are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

Data completeness for the field program was also verified. The numbers and types of samples collected are in agreement with the Interim Remedial Measures Work Plan.

2. Have all holding times been met?

All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

No – Although the majority of QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

Yes – all of the data were generated using Method 5035B/8260B (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

Yes – results below the quantitation limit and above the method detection limit have been J-qualified; results where the analyte was detected in an associated laboratory blank have been B-qualified; VOCs analyzed for but not detected have been U-qualified; and analytes associated with the MS/MSD results for which the control limits are not applicable due to detections in the parent samples have been noted. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The soil samples were collected in accordance with NYSDEC guidance. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

S:\Kasper 77 Trust-ADC\IRM Report\Soil DUSR.Docx

CASE NARRATIVE

Client: FPM Group Limited

Project: 3801 Hempstead Turnpike

Report Number: 460-43868-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/23/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-43868-1 through 460-43868-7 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 08/24/2012 and analyzed on 08/31/2012 and 09/04/2012.

Acetone and Methylene Chloride were detected in method blank LB3 460-125520/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-126321/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 460-126321/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 460-126458/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

Carbon tetrachloride failed the recovery criteria low for LCS 460-126458/3. Carbon tetrachloride failed the recovery criteria low for LCSD 460-126458/4. This analyte was not detected in the associated samples; therefore, the data have been flagged and reported. Refer to the QC report for details.

Several analytes failed the recovery criteria low for the MS/MSD of sample 460-43868-1 in batch 460-126321. Acetone and Methyl Ethyl Ketone exceeded the rpd limit.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-43868-8 and 460-43868-9 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/28/2012.

Carbon disulfide failed the recovery criteria high for LCS 460-125772/3. This analyte was not detected in the associated sample(s); therefore, the data have been reported. Refer to the QC report for details.

The continuing calibration verification (CCV) associated with batch 125772 recovered above the upper control limit for Carbon disulfide. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-43868-1 through 460-43868-7 were analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 08/26/2012.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-125520

Method: 8260B

Preparation: 5035

Lab Sample ID: LB3 460-125520/1-A

Analysis Batch: 460-126321

Instrument ID: VOAMS9

Client Matrix: Solid

Prep Batch: 460-125520

Lab File ID: k04077.d

Dilution: 1.0

Leach Batch: N/A

Initial Weight/Volume: 5 g

Analysis Date: 08/31/2012 1403

Units: ug/Kg

Final Weight/Volume: 5 mL

Prep Date: 08/24/2012 2305

Leach Date: N/A

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.16	1.0
Bromomethane	1.0	U	0.43	1.0
Vinyl chloride	1.0	U	0.34	1.0
Chloroethane	1.0	U	0.33	1.0
Methylene Chloride	0.423	J	0.15	1.0
Acetone	2.64	J	1.7	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Dibromochloromethane	1.0	U	0.10	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Benzene	1.0	U	0.15	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
Bromoform	1.0	U	0.17	1.0
methyl isobutyl ketone	10	U	0.20	10
2-Hexanone	10	U	0.13	10
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
Styrene	1.0	U	0.28	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 130
Toluene-d8 (Surr)	93	70 - 130
4-Bromofluorobenzene	99	70 - 130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-125520**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-43868-1 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1259
Prep Date: 08/24/2012 2308
Leach Date: N/A

MSD Lab Sample ID: 460-43868-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1320
Prep Date: 08/24/2012 2310
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	0.99 U	20.5	20.5	14.0	15.6
Bromomethane	0.99 U	20.5	20.5	21.8	24.1
Vinyl chloride	0.99 U	20.5	20.5	12.4 *	13.8
Chloroethane	0.99 U	20.5	20.5	17.0	18.8
Methylene Chloride	0.92 J	20.5	20.5	20.3	20.8
Acetone	3.0 J	20.5	20.5	16.3	23.1 *
Carbon disulfide	0.99 U	20.5	20.5	15.0	15.1
1,1-Dichloroethene	0.99 U	20.5	20.5	17.4	18.0
1,1-Dichloroethane	0.99 U	20.5	20.5	16.5	16.7
trans-1,2-Dichloroethene	0.99 U	20.5	20.5	16.5	16.1
cis-1,2-Dichloroethene	0.99 U	20.5	20.5	16.2 *	16.6
Chloroform	0.99 U	20.5	20.5	16.6	17.2
1,2-Dichloroethane	0.99 U	20.5	20.5	15.8	17.0
Methyl Ethyl Ketone	9.9 U	20.5	20.5	11.2 *	17.4 *
1,1,1-Trichloroethane	0.99 U	20.5	20.5	16.4	16.3
Carbon tetrachloride	0.99 U	20.5	20.5	15.7 *	15.6 *
Bromodichloromethane	0.99 U	20.5	20.5	16.1	17.4
1,2-Dichloropropane	0.99 U	20.5	20.5	16.2 *	16.9
cis-1,3-Dichloropropene	0.99 U	20.5	20.5	15.7 *	15.8 *
Trichloroethene	0.99 U	20.5	20.5	15.5 *	16.2
Dibromochloromethane	0.99 U	20.5	20.5	16.1	16.8
1,1,2-Trichloroethane	0.99 U	20.5	20.5	16.1	16.4
Benzene	0.99 U	20.5	20.5	15.9	16.2
trans-1,3-Dichloropropene	0.99 U	20.5	20.5	16.0	16.4
Bromoform	0.99 U	20.5	20.5	15.3	15.7
methyl isobutyl ketone	9.9 U	20.5	20.5	14.7	16.2
2-Hexanone	9.9 U	20.5	20.5	18.2	19.1
Tetrachloroethene	1.9	20.5	20.5	18.5	18.9
1,1,2,2-Tetrachloroethane	0.99 U	20.5	20.5	16.3	17.1
Toluene	0.99 U	20.5	20.5	15.7	15.7
Chlorobenzene	0.99 U	20.5	20.5	15.7 *	15.8 *
Ethylbenzene	0.99 U	20.5	20.5	14.4 *	15.3 *
Styrene	0.99 U	20.5	20.5	14.7 *	14.9 *
Xylenes, Total	3.0 U	61.5	61.5	44.2 *	45.4 *

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-125520

Method: 8260B

Preparation: 5035

MS Lab Sample ID: 460-43868-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1259
Prep Date: 08/24/2012 2308
Leach Date: N/A

Analysis Batch: 460-126321
Prep Batch: 460-125520
Leach Batch: N/A

Instrument ID: VOAMS9
Lab File ID: k04074.d
Initial Weight/Volume: 5.07 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43868-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1320
Prep Date: 08/24/2012 2310
Leach Date: N/A

Analysis Batch: 460-126321
Prep Batch: 460-125520
Leach Batch: N/A

Instrument ID: VOAMS9
Lab File ID: k04075.d
Initial Weight/Volume: 5.07 g
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	68	76	50 - 151	11	30		
Bromomethane	106	117	54 - 142	10	30		
Vinyl chloride	60	67	67 - 133	11	30	*	
Chloroethane	83	92	56 - 146	10	30		
Methylene Chloride	95	97	74 - 137	2	30		
Acetone	65	98	27 - 164	34	30		*
Carbon disulfide	73	74	72 - 128	1	30		
1,1-Dichloroethene	85	88	71 - 126	3	30		
1,1-Dichloroethane	81	81	76 - 125	1	30		
trans-1,2-Dichloroethene	81	78	75 - 122	3	30		
cis-1,2-Dichloroethene	79	81	80 - 120	3	30	*	
Chloroform	81	84	77 - 120	4	30		
1,2-Dichloroethane	77	83	76 - 118	7	30		
Methyl Ethyl Ketone	55	85	77 - 117	43	30	*	*
1,1,1-Trichloroethane	80	79	78 - 117	1	30		
Carbon tetrachloride	77	76	79 - 118	0	30	*	*
Bromodichloromethane	79	85	79 - 119	8	30		
1,2-Dichloropropane	79	82	82 - 122	4	30	*	
cis-1,3-Dichloropropene	76	77	80 - 123	1	30	*	*
Trichloroethene	75	79	79 - 119	4	30	*	
Dibromochloromethane	78	82	68 - 120	4	30		
1,1,2-Trichloroethane	78	80	73 - 118	2	30		
Benzene	78	79	77 - 117	2	30		
trans-1,3-Dichloropropene	78	80	67 - 121	3	30		
Bromoform	75	76	59 - 125	3	30		
methyl isobutyl ketone	72	79	68 - 120	10	30		
2-Hexanone	89	93	70 - 122	4	30		
Tetrachloroethene	81	83	80 - 120	2	30		
1,1,2,2-Tetrachloroethane	79	83	79 - 122	5	30		
Toluene	76	77	75 - 115	0	30		
Chlorobenzene	77	77	80 - 120	1	30	*	*
Ethylbenzene	70	74	81 - 121	6	30	*	*
Styrene	72	72	82 - 122	1	30	*	*

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-125520

Method: 8260B

Preparation: 5035

MS Lab Sample ID: 460-43868-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1259
Prep Date: 08/24/2012 2308
Leach Date: N/A

Analysis Batch: 460-126321
Prep Batch: 460-125520
Leach Batch: N/A

Instrument ID: VOAMS9
Lab File ID: k04074.d
Initial Weight/Volume: 5.07 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43868-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1320
Prep Date: 08/24/2012 2310
Leach Date: N/A

Analysis Batch: 460-126321
Prep Batch: 460-125520
Leach Batch: N/A

Instrument ID: VOAMS9
Lab File ID: k04075.d
Initial Weight/Volume: 5.07 g
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Xylenes, Total	72	74	82 - 122	3	30	*	*
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	93		94	70 - 130			
Toluene-d8 (Surr)	94		93	70 - 130			
4-Bromofluorobenzene	99		99	70 - 130			

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Lab Control Sample - Batch: 460-125772

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-125772/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/28/2012 0031
Prep Date: 08/28/2012 0031
Leach Date: N/A

Analysis Batch: 460-125772
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS3
Lab File ID: c70485.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	14.5	73	58 - 146	
Bromomethane	20.0	16.8	84	55 - 153	
Vinyl chloride	20.0	16.0	80	61 - 144	
Chloroethane	20.0	17.2	86	69 - 145	
Methylene Chloride	20.0	20.4	102	79 - 119	
Acetone	20.0	28.4	142	45 - 156	
Carbon disulfide	20.0	32.1	160	58 - 139	*
1,1-Dichloroethene	20.0	23.1	116	56 - 139	
1,1-Dichloroethane	20.0	17.9	89	78 - 122	
trans-1,2-Dichloroethene	20.0	20.6	103	75 - 122	
cis-1,2-Dichloroethene	20.0	18.9	95	80 - 120	
Chloroform	20.0	18.3	92	82 - 123	
1,2-Dichloroethane	20.0	18.3	91	74 - 118	
Methyl Ethyl Ketone	20.0	20.6	103	65 - 114	
1,1,1-Trichloroethane	20.0	19.2	96	74 - 128	
Carbon tetrachloride	20.0	20.0	100	73 - 120	
Bromodichloromethane	20.0	18.2	91	79 - 119	
1,2-Dichloropropane	20.0	17.3	86	80 - 120	
cis-1,3-Dichloropropene	20.0	17.9	89	80 - 120	
Trichloroethene	20.0	18.3	92	78 - 119	
Dibromochloromethane	20.0	18.9	94	80 - 120	
1,1,2-Trichloroethane	20.0	17.4	87	79 - 119	
Benzene	20.0	19.2	96	83 - 124	
trans-1,3-Dichloropropene	20.0	17.3	86	78 - 118	
Bromoform	20.0	18.7	94	73 - 123	
methyl isobutyl ketone	20.0	15.3	76	53 - 120	
2-Hexanone	20.0	18.0	90	53 - 121	
Tetrachloroethene	20.0	20.0	100	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	74 - 126	
Toluene	20.0	18.7	94	80 - 120	
Chlorobenzene	20.0	18.3	91	81 - 121	
Ethylbenzene	20.0	18.6	93	79 - 126	
Styrene	20.0	18.1	91	69 - 112	
Xylenes, Total	60.0	55.7	93	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 130
Toluene-d8 (Surr)	111	70 - 130
4-Bromofluorobenzene	107	70 - 130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Method Blank - Batch: 460-126321

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-126321/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/31/2012 1207
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-126321
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS9
Lab File ID: k04072.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.16	1.0
Bromomethane	1.0	U	0.43	1.0
Vinyl chloride	1.0	U	0.34	1.0
Chloroethane	1.0	U	0.33	1.0
Methylene Chloride	0.461	J	0.15	1.0
Acetone	2.71	J	1.7	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Dibromochloromethane	1.0	U	0.10	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Benzene	1.0	U	0.15	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
Bromoform	1.0	U	0.17	1.0
methyl isobutyl ketone	10	U	0.20	10
2-Hexanone	10	U	0.13	10
Tetrachloroethene	1.0	U	0.12	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
Styrene	1.0	U	0.28	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 130
Toluene-d8 (Surr)	92	70 - 130
4-Bromofluorobenzene	99	70 - 130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Method Blank - Batch: 460-126458

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-126458/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/04/2012 0823
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-126458
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS9
Lab File ID: k04100.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.16	1.0
Bromomethane	1.0	U	0.43	1.0
Vinyl chloride	1.0	U	0.34	1.0
Chloroethane	1.0	U	0.33	1.0
Methylene Chloride	0.835	J	0.15	1.0
Acetone	10	U	1.7	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.11	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.11	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.18	1.0
Methyl Ethyl Ketone	10	U	0.63	10
1,1,1-Trichloroethane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.15	1.0
Bromodichloromethane	1.0	U	0.32	1.0
1,2-Dichloropropane	1.0	U	0.15	1.0
cis-1,3-Dichloropropene	1.0	U	0.14	1.0
Trichloroethene	1.0	U	0.12	1.0
Dibromochloromethane	1.0	U	0.10	1.0
1,1,2-Trichloroethane	1.0	U	0.14	1.0
Benzene	1.0	U	0.15	1.0
trans-1,3-Dichloropropene	1.0	U	0.10	1.0
Bromoform	1.0	U	0.17	1.0
methyl isobutyl ketone	10	U	0.20	10
2-Hexanone	10	U	0.13	10
Tetrachloroethene	1.0	U	0.12	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.14	1.0
Chlorobenzene	1.0	U	0.18	1.0
Ethylbenzene	1.0	U	0.17	1.0
Styrene	1.0	U	0.28	1.0
Xylenes, Total	3.0	U	0.67	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
Toluene-d8 (Surr)	93	70 - 130
4-Bromofluorobenzene	101	70 - 130

Quality Control Results

Client: FPM Group Limited

Job Number: 460-43868-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	95	70 - 130
Toluene-d8 (Surr)	94	95	70 - 130
4-Bromofluorobenzene	100	100	70 - 130

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 460-126458

Method: 8260B

Preparation: N/A

LCS Lab Sample ID: LCS 460-126458/3
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 09/04/2012 0614
 Prep Date: N/A
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-126458/4
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 09/04/2012 0636
 Prep Date: N/A
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	19.1	20.4
Bromomethane	20.0	20.0	24.3	28.4
Vinyl chloride	20.0	20.0	15.9	18.0
Chloroethane	20.0	20.0	19.6	23.0
Methylene Chloride	20.0	20.0	21.2	22.5
Acetone	20.0	20.0	18.1	17.4
Carbon disulfide	20.0	20.0	20.4	19.6
1,1-Dichloroethene	20.0	20.0	18.7	19.4
1,1-Dichloroethane	20.0	20.0	18.0	18.4
trans-1,2-Dichloroethene	20.0	20.0	18.5	18.9
cis-1,2-Dichloroethene	20.0	20.0	17.4	18.7
Chloroform	20.0	20.0	17.5	19.0
1,2-Dichloroethane	20.0	20.0	17.5	18.0
Methyl Ethyl Ketone	20.0	20.0	21.6	22.8
1,1,1-Trichloroethane	20.0	20.0	16.7	17.5
Carbon tetrachloride	20.0	20.0	14.3	15.1
Bromodichloromethane	20.0	20.0	15.9	17.3
1,2-Dichloropropane	20.0	20.0	17.6	18.3
cis-1,3-Dichloropropene	20.0	20.0	16.5	17.6
Trichloroethene	20.0	20.0	17.6	18.9
Dibromochloromethane	20.0	20.0	14.4	15.4
1,1,2-Trichloroethane	20.0	20.0	17.9	18.3
Benzene	20.0	20.0	17.8	18.5
trans-1,3-Dichloropropene	20.0	20.0	16.1	17.3
Bromoform	20.0	20.0	13.4	14.3
methyl isobutyl ketone	20.0	20.0	18.6	18.2
2-Hexanone	20.0	20.0	20.1	23.8
Tetrachloroethene	20.0	20.0	18.5	19.9
1,1,2,2-Tetrachloroethane	20.0	20.0	18.6	19.1
Toluene	20.0	20.0	17.3	18.3
Chlorobenzene	20.0	20.0	18.1	19.2
Ethylbenzene	20.0	20.0	17.7	19.1
Styrene	20.0	20.0	17.9	19.0
Xylenes, Total	60.0	60.0	54.2	58.1

**DATA USABILITY SUMMARY REPORT
FOR JUNE 2012 ENDPOINT SAMPLING
LAB REPORT #460-42118-1
AMERICAN DRIVE-IN CLEANERS SITE
3801 HEMPSTEAD TURNPIKE, NEW YORK**

This DUSR was prepared using the original laboratory report, including the sample data summary report. The extended data package was not requested as part of the laboratory report. The sampling event included ten shallow soil samples retained from the piping area excavations at the Site by the NYSDEC representative under the direction of the NYSDEC project manager.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment by Envirotrac, Ltd on behalf of the NYSDEC. No site specific QA/QC sampling was performed. Laboratory batch QA/QC testing was performed and is further discussed below.

Sample Analyses

The samples were transmitted and analyzed by TestAmerica Laboratories, Inc. at their Edison, New Jersey facility, which is New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5035B/8260B. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory. Surrogate recoveries in each of the samples were within acceptance limits, indicating that the data are anticipated to be accurate.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The results indicated that acetone and methylene chloride were detected at concentrations above their method detection limits and/or reporting limits in all of the MB samples. Detections in associated primary samples were "B" and "J" flagged as appropriate. These compounds are common laboratory contaminants and are not compounds of concern for the Site. Therefore, the sample data set does not appear to be significantly affected.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS %Rs and %Rec. were all within established guidelines, except for trans-1,4-dichloro-2-butene. This VOC is not a compound of concern for the Site and were not detected in the primary samples, therefore, the sample data set does not appear to be significantly affected.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

The data package was performed in accordance with NYSDEC ASP Category A requirements, no Category B package was requested by the NYSDEC contractor. The external chain of custody forms is present and complete. The case narrative and sample

analysis summaries are present and complete. The laboratory analytical QA/QC summary is present and complete.

2. Have all holding times been met?

All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

No – Only batch QC data (MB and LC samples) were provided. Of these data the majority were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

Yes – all of the data were generated using Method 5035B/8260B (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

Only results were provided in the laboratory report, verification could not be completed.

6. Have the correct data qualifiers been used?

Yes – results below the quantitation limit and above the method detection limit have been J-qualified; results where the analyte was detected in an associated laboratory blank have been B-qualified; VOCs analyzed for but not detected have been U-qualified. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The soil samples were collected by a NYSDEC representative in accordance with NYSDEC internal protocol's. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

S:\Kasper 77 Trust-ADC\IRM Report\ET DUSR.Docx

CASE NARRATIVE

Client: EnviroTrac, Ltd.

Project: 130049 American Drive-In C

Report Number: 460-42116-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 07/05/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.4 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-42116-1 through 460-42116-10 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 07/06/2012 and analyzed on 07/12/2012 and 07/13/2012.

Methylene Chloride was detected in method blank LB3 460-118899/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank LB3 460-118899/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-119109/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-119553/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 460-119553/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Acetone was detected in method blank MB 460-119632/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 460-119632/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for batch 119109 exceeded control limits for the following analyte: trans-1,4-Dichloro-2-butene. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-42116-1 through 460-42116-10 were analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 07/09/2012.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-118899

Method: 8260B

Preparation: 5035

Lab Sample ID: LB3 460-118899/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 07/09/2012 1958
 Prep Date: 07/06/2012 2012
 Leach Date: N/A

Analysis Batch: 460-119109
 Prep Batch: 460-118899
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VOAMS4
 Lab File ID: d22427.d
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	1.01		0.15	1.0
Acetone	6.67	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	10
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
TCE	0.12	U	0.12	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Benzene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Bromoform	0.17	U	0.17	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
2-Hexanone	0.13	U	0.13	10
Tetrachloroethene	0.12	U	0.12	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethyl ether	0.21	U	0.21	1.0
Acrolein	7.5	U	7.5	100
Freon TF	0.11	U	0.11	1.0
Acetonitrile	3.0	U	3.0	20
TBA	3.1	U	3.1	20
Acrylonitrile	3.5	U	3.5	50
MTBE	0.11	U	0.11	1.0
Vinyl acetate	0.40	U	0.40	1.0
Cyclohexane	0.13	U	0.13	1.0

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119109

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-119109/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/09/2012 1934
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-119109
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS4
Lab File ID: d22426.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	9.26	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	10
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
TCE	0.12	U	0.12	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Benzene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Bromoform	0.17	U	0.17	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
2-Hexanone	0.13	U	0.13	10
Tetrachloroethene	0.12	U	0.12	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethyl ether	0.21	U	0.21	1.0
Acrolein	7.5	U	7.5	100
Freon TF	0.11	U	0.11	1.0
Acetonitrile	3.0	U	3.0	20
TBA	3.1	U	3.1	20
Acrylonitrile	3.5	U	3.5	50
MTBE	0.11	U	0.11	1.0
Vinyl acetate	0.40	U	0.40	1.0
Cyclohexane	0.13	U	0.13	1.0

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119553

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-119553/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 07/12/2012 0724
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-119553
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS12
Lab File ID: o62175.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.582	J	0.15	1.0
Acetone	5.97	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	10
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
TCE	0.12	U	0.12	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Benzene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Bromoform	0.17	U	0.17	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
2-Hexanone	0.13	U	0.13	10
Tetrachloroethene	0.12	U	0.12	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethyl ether	0.21	U	0.21	1.0
Acrolein	7.5	U	7.5	100
Freon TF	0.11	U	0.11	1.0
Acetonitrile	3.0	U	3.0	20
TBA	3.1	U	3.1	20
Acrylonitrile	3.5	U	3.5	50
MTBE	0.11	U	0.11	1.0
Vinyl acetate	0.40	U	0.40	1.0
Cyclohexane	0.13	U	0.13	1.0

Quality Control Results

Client: EnviroTrac, Ltd.

Job Number: 460-42116-1

Method Blank - Batch: 460-119632

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 460-119632/5
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 07/12/2012 2128
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-119632
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: VOAMS12
 Lab File ID: o62206.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.227	J	0.15	1.0
Acetone	4.11	J	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
1,2-Dichloroethane	0.18	U	0.18	1.0
2-Butanone	0.63	U	0.63	10
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Bromodichloromethane	0.32	U	0.32	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
TCE	0.12	U	0.12	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Benzene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
Bromoform	0.17	U	0.17	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
2-Hexanone	0.13	U	0.13	10
Tetrachloroethene	0.12	U	0.12	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0
Toluene	0.14	U	0.14	1.0
Chlorobenzene	0.18	U	0.18	1.0
Ethylbenzene	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
m&p-Xylene	0.59	U	0.59	2.0
o-Xylene	0.19	U	0.19	1.0
Ethyl ether	0.21	U	0.21	1.0
Acrolein	7.5	U	7.5	100
Freon TF	0.11	U	0.11	1.0
Acetonitrile	3.0	U	3.0	20
TBA	3.1	U	3.1	20
Acrylonitrile	3.5	U	3.5	50
MTBE	0.11	U	0.11	1.0
Vinyl acetate	0.40	U	0.40	1.0
Cyclohexane	0.13	U	0.13	1.0

ATTACHMENT C

**WASTE DISPOSAL DOCUMENTATION
AND
BACKFILL DOCUMENTATION**

Kasper # 17903

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone (631) 727-2700	4. Waste Tracking Number CEI 308000086081
5. Generator's Name and Mailing Address American Dry Cleaners 3801 Hempstead Turnpike Levittown, NY 11956 Generator's Phone: (631) 727-2700			Generator's Site Address (If different than mailing address) American Dry Cleaners 3801 Hempstead Turnpike Levittown, NY 11956		
6. Transporter 1 Company Name LUCHTER INDUSTRIAL VAC SERVICE			U.S. EPA ID Number NJD980772768		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address 105 Jacobus Ave South Kearny, NJ 07032 Facility's Phone: (973) 344-4004			U.S. EPA ID Number NJD991291105		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
Non Regulated Material ID27		CM 171 20 yds		P	ID27
2				1	
3					
4					
13. Special Handling Instructions and Additional Information (1) 100% Sanitary Waste CEI 308000086081 App: 123081931 Plate # AE 876X					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Officer's Printed/Typed Name X George Holmes		Signature X [Signature] as agent for Kasper 1977 Trust		Month Day Year 10 25 12	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.			
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Frank Mirick		Signature [Signature]		Month Day Year 10 25 12	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space		☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Recs: 48,540 lb			
17b. Alternate Facility (or Generator)		Manifest Reference Number: U.S. EPA ID Number			
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)		Month Day Year			
RECEIVED PENDING MANIFEST REVIEW AND QUALITY CONTROL					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a					
Printed/Typed Name Robert Fixter JR		Signature Robert Fixter JR		Month Day Year 10 25 12	

Clean Earth of North Jersey inc
P.O. Box 95000-3755
Philadelphia, PA 19195-0001

Phone: 215-734-1400
Fax: 215-734-1423



Faster, smarter, greener solutions..

Invoice

Invoice Number:
PSI0022608
Invoice Date:
11/15/12
Order Number

Page:
1

Sold To:
EAST ENV. SOLUTIONS INC.
258 LINE ROAD
MANORVILLE, NY 11949

Site Address:
American Dry Cleaners
3801 Hempstead Turnpike
Levittown, NY 11950

WO 17903

Customer No.	Customer PO	Payment Terms
EAS310		Net 30 Days
Sales Rep ID	Shipping Method	Payment Due
ADAM NEPON		12/15/12

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Total Price
126945	Sanitary Waste	10/25/12	308000083439	308000086081	24.27	Tons	
126945	Transportation Fee	10/25/12			1	Unit	
126945	NJ Recycling Fee				24.27	Unit	
126945	Host Community Fee				24.27	Unit	
126945	Environmental, Energy, and Ins				1	Unit	

Kasper Trust
TPM

Technical Report

prepared for:

Eastern Environmental Solutions
258 Line Road
Manorville NY, 11949
Attention: Lou Bascelli

Report Date: 08/30/2012
Client Project ID: American Dry Cleaners
York Project (SDG) No.: 12H0873

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

FAX (203) 357-0188

Report Date: 08/30/2012
Client Project ID: American Dry Cleaners
York Project (SDG) No.: 12H0873

Eastern Environmental Solutions
258 Line Road
Manorville NY, 11949
Attention: Lou Bascelli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 24, 2012 and listed below. The project was identified as your project: **American Dry Cleaners**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0873-01	Disposal	Soil	08/21/2012	08/24/2012

General Notes for York Project (SDG) No.: 12H0873

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Robert Q. Bradley
Executive Vice President / Laboratory Director

Date: 08/30/2012

YORK

YORK

ANALYTICAL LABORATORIES, INC.
120 Research Drive, Stratford, CT 06615

Sample Information

Client Sample ID: Disposal

York Sample ID: 12H0873-01

York Project (SDG) No.
12H0873

Client Project ID
American Dry Cleaners

Matrix
Soil

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

Volatiles Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	13	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	6.5	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.8	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
78-93-3	2-Butanone	ND		ug/L	26	100	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
71-43-2	Benzene	ND		ug/L	4.8	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	10	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
108-90-7	Chlorobenzene	ND		ug/L	3.5	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
67-66-3	Chloroform	ND		ug/L	3.6	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
127-18-4	Tetrachloroethylene	48		ug/L	5.2	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
79-01-6	Trichloroethylene	ND		ug/L	5.7	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	9.7	50	10	EPA SW846-8260B/1311	08/30/2012 10:49	08/30/2012 10:49	SS

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	4.42	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.82	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.50	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.22	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
95-48-7	2-Methylphenol	ND		ug/L	2.32	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	2.24	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
1319-77-3	Cresols, total	ND		ug/L	23.2	30.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
118-74-1	Hexachlorobenzene	ND		ug/L	2.54	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	5.58	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
67-72-1	Hexachloroethane	ND		ug/L	6.08	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
98-95-3	Nitrobenzene	ND		ug/L	3.38	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
87-86-5	Pentachlorophenol	ND		ug/L	2.90	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR
110-86-1	Pyridine	ND		ug/L	7.82	10.0	1	EPA SW846-8270C/1311	08/29/2012 07:48	08/30/2012 15:16	SR

YORK

ANALYTICAL LABORATORIES, INC.
120 Research Drive
 Stratford, CT 06615
 (203) 357-1371

Sample Information

Client Sample ID: Disposal

York Sample ID: 12H0873-01

York Project (SDG) No.
12H0873

Client Project ID
American Dry Cleaners

Matrix
Soil

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
11097-69-1	Aroclor 1254	0.0436		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW
1336-36-3	Total PCBs	0.0436		mg/kg dry	0.0176	0.0176	1	EPA SW 846-8082	08/30/2012 13:08	08/30/2012 13:42	JW

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA SW846-1311	08/28/2012 14:31	08/29/2012 08:21	AA

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/1311	08/29/2012 08:11	08/29/2012 14:27	MW
7440-39-3	Barium	1.31		mg/L	0.002	0.010	1	EPA SW846-6010B/1311	08/29/2012 08:11	08/29/2012 14:27	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/1311	08/29/2012 08:11	08/29/2012 14:27	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/1311	08/29/2012 08:11	08/29/2012 14:27	MW
7439-92-1	Lead	0.032		mg/L	0.002	0.003	1	EPA SW846-6010B/1311	08/29/2012 08:11	08/29/2012 14:27	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/1311	08/29/2012 08:11	08/29/2012 14:27	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/1311	08/29/2012 08:11	08/29/2012 14:27	MW

YORK

ANALYTICAL LABORATORIES, INC.
12500 York Road, Suite 100, York, PA 17403
 (717) 765-1234 • Fax (717) 765-1235 • Email: info@yorklab.com

Sample Information

Client Sample ID: Disposal

York Sample ID: 12H0873-01

York Project (SDG) No.
12H0873

Client Project ID
American Dry Cleaners

Matrix
Soil

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000390	0.000200	1	EPA SW846-7470/1311	08/29/2012 15:55	08/29/2012 15:55	AA

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ignitability	Non-Ignit		BT			1	EPA SW846-1030P	08/29/2012 15:27	08/29/2012 15:27	AA

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA SW-846 1311	08/28/2012 14:32	08/29/2012 08:22	AA

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA SW-846 1311	08/28/2012 14:30	08/29/2012 08:21	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	96.4		%	0.100	0.100	1	SM 2540G	08/30/2012 14:50	08/30/2012 14:50	AMT

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.72		pH units		0.500	1	EPA SW846-9045D	08/27/2012 17:08	08/27/2012 17:08	JCC

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch 7.3.3	08/28/2012 13:21	08/28/2012 13:21	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW846 Ch 7.3.4	08/30/2012 14:15	08/30/2012 14:15	AD

Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18496-25-8	Sulfide	ND		mg/kg	20.0	20.0	1	EPA 376.1 modified	08/28/2012 14:01	08/28/2012 14:01	AD

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

FAX (203) 357-0166

YORK

ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Disposal**

York Sample ID: **12H0873-01**

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12H0873

American Dry Cleaners

Soil

August 21, 2012 3:00 pm

08/24/2012

Notes and Definitions

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

IGN-01 Non-Ignit

EXT-COMP Completed

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

Field Chain-of-Custody Record

York Project No. 12H0873

[illegible]



Ranco Sand & Stone Corporation
151 South Street
Manorville New York 11949
(631) 874-3939 Fax (631) 874-3553

January 21, 2013

Eastern Environmental Solutions
258 Line Road
Manorville, New York 11949

To Whom it May Concern:

Please be advised the State Sand (otherwise known as Concrete Sand) provided from Ranco Sand & Stone Corp. is naturally mined, free of extraneous or deleterious material and/or solid waste. The source, located at 151 South Street, Manorville, is a virgin source and has been tested and is on record with the NYSDOT as Source No. 10-98F.

If you should have any further questions regarding our materials, please do not hesitate to contact us at the above mentioned number.

Thank you.

Sincerely,


Matthew J. Metz
Vice President

KEH:MJM

Yard Stock.
O.K.

Ranco Sand & Stone
151 South Street
Manorville, NY 11849

Ticket # 381556
Date 8/15/12
Phone (833) 874-3838
Fax (833) 874-3553

EASTERN ENVIRONMENTAL
SOLUTIONS INC
268 LINE ROAD
MANORVILLE, NY 11849

Order No 1
CHARGE
Loads 21

Truck	Material	Truck	Material	Gross	Net	Out	7 03 am
RANCO-42	SCS	RANCO SAND #42	STATE CONCRETE S&P	117500	34500	10	10
						10	10
						10	10
						10	10

Veigh Master
Driver

See Napoli 9/18/12