PERIODIC REVIEW REPORT
DELUXE CORPORATION
FORMER DELUXE PRINTING FACILITY
4707 DEY ROAD, LIVERPOOL, NEW YORK
NYSDEC SITE #V-00339-7
AGREEMENT INDEX NO. A7-0419-0005

Prepared For:

Deluxe Corporation

November 2013

Prepared By:

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1.0 INTRODUCTION

The premises located at 4707 Dey Road in Liverpool, New York ("the Site") is the subject of a former Voluntary Cleanup Program (VCP), Index Number V-00339-7 by Deluxe Corporation. In accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Site Management Plan (SMP), a Periodic Review Report for the site is to be provided to NYSDEC on an annual basis beginning November 2013. Leggette, Brashears & Graham, Inc. (LBG) was retained to perform the required tasks at the Site in association with the SMP. The following Periodic Review Report summarizes the onsite conditions observed and recorded in 2013.

The groundwater at the site contains residual contamination (defined in the SMP) left after completion of the remedial action. Engineering and Institutional Controls (ECs and ICs) have been incorporated into the site remedy to control exposure to residual contamination during the use of the Site to ensure protection of public health and the environment. A Declaration of Covenants and Restrictions (the Declaration) is recorded with the Onondaga County Clerk's office which requires compliance with the SMP and all ECs and ICs placed on the Site (the Declaration is included as Appendix A). The ICs place restrictions on site use, and mandate maintenance, monitoring and reporting measures for all ECs and ICs. The SMP specifies the methods necessary to ensure compliance with all ECs and ICs required by the Declaration for contamination that remains at the Site. The SMP provides a detailed description of all procedures required to manage residual contamination at the Site during and after completion of remedial action (monitored natural attenuation of groundwater contamination), which may include: 1) implementation and management of all ECs and ICs; 2) media monitoring; 3) performance of periodic inspections, certification of results, and submittal of a Periodic Review Report; and 4) defining criteria for termination of ECs and ICs.

2.0 SCOPE OF WORK

As required by the SMP, a Periodic Review Report will be submitted to NYSDEC for each annual reporting period beginning with the reporting period that commences upon NYSDEC acceptance of the SMP. The report will be submitted to NYSDEC within 45 days of the end of each reporting period. This current reporting period is October 10, 2012 to October 9, 2013 and this Periodic Review Report includes:

- identification, assessment and certification of all ECs/ICs required by the remedy for the Site;
- results of the required annual site inspections and severe condition inspections, if applicable;
- all applicable inspection forms and other records generated for the Site during the reporting period in electronic format;
- a summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions;
- data summary tables of contaminants of concern by media (groundwater, soil vapor), along with the applicable standards, with all exceedances highlighted – these will include a presentation of past data as part of an evaluation of contaminant concentration trends;
- results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted electronically in a NYSDEC-approved format; and,
- a site evaluation, which includes the following:
  - the compliance of the Monitored Natural Attenuation (MNA) with the requirements of the Declaration, this SMP, and any other applicable Decision Document;
  - the operation and the effectiveness of all monitoring units, etc., including identification of any needed repairs or modifications;

- any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;
- recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and,
- the overall performance and effectiveness of the remedy.

3.0 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring will be performed on a periodic basis to assess the performance of the remedy. There is a network of 19 monitor wells located onsite. They are set as seven distinct clusters. Each well cluster contains two to four individual monitor wells set with well screen at a specific depth. The well locations are shown on figure 1.

All of the "A" monitor wells (MW-1A, MW-2A, MW-3A and MW-4A) have well screens set from 5 ft bg (feet below grade) to 20 ft bg. Three of the four "A" wells intersect bedrock at depths ranging from 11 ft bg (MW-4A) to 13 ft bg (MW-1A and MW-2A). Monitor Well MW-3A does not intersect bedrock because bedrock is encountered at 20 ft bg at that location.

All of the "B" monitor wells (MW-1B, MW-2B, MW-3B and MW-4B) have well screens set from 30 ft bg to 40 ft bg. These wells are screened completely in bedrock and are constructed with outer steel casings set from grade to 30 ft bg.

All of the "C" monitor wells (MW-1C, MW-2C, MW-3C and MW-4C) have well screens set from 50 ft bg to 60 ft bg. These wells are screened completely in bedrock and are constructed with outer steel casings set from grade to 50 ft bg.

All of the "D" monitor wells are open rock boreholes from 80 to 110 ft bg constructed with outer steel casings set from grade to 80 ft bg.

Groundwater samples will be collected from these monitor wells every 9 months for a period of 5 years which began in April 2013. The purpose of sampling every 9 months rather than 12 months is to ensure seasonal data collection.

The sampling frequency may be modified with the approval of NYSDEC. The SMP will be modified to reflect changes in sampling plans approved by NYSDEC.

3.1 Groundwater Sampling

On April 22, 2013, LBG personnel measured the depth to water and total depth of each of the 19 monitor wells at the site using an electronic interface probe. Water depths are summarized on table 1. The measurements were used to calculate the volume of water within each well. On April 23, 2013, LBG evacuated 3 volumes of water from each well using a submersible pump set approximately 2 feet below the pumping water level. The pump was operated at a flow rate less than 3 gpm (gallons per minute) and dedicated polyethylene tubing was used for each well. At the conclusion of each well evacuation, LBG personnel measured the following geochemical parameters: temperature, pH, conductivity, dissolved oxygen, oxidation/reduction potential and turbidity. All of these geochemical measurements are shown on table 1. Copies of field sheets are included in Appendix B.

Evacuated purge water was stored temporarily in 55-gallon steel drums and was removed from the site on June 7, 2013 by Environmental Products and Services of Vermont, Inc. (EPS). A waste manifest for this purge water is included in Appendix C.

After purging each well, groundwater samples were collected with disposable polyethylene bailers and transferred to laboratory-supplied containers. Each sample was stored in a chilled cooler and shipped to York Analytical Laboratories (York) of Stratford, Connecticut for analysis of volatile organic compounds (VOCs) by EPA Method 8260. York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory. The laboratory report supplied by York included NYSDEC Analytical Services Protocol (ASP) Category B Deliverables. A field blank, trip blank, matrix spike and matrix spike duplicate were also sent to York. A copy of the laboratory reports including Category B Deliverables are included in Appendix D. A Data Usability Summary Report (DUSR) has been prepared by Premier Environmental Services of Merrick, New York and is included in Appendix E.

3.2 Groundwater Flow

Groundwater flow through a bedrock aquifer is primarily through fractures, joints and bedding-plane partings. Flow direction is controlled by differences in potentiometric surface

elevation within the aquifer and the orientation and general character of the secondary porosity paths (fractures, joints, etc.) over a local and regional scale.

Groundwater elevations calculated for the shallow "A" wells indicated a horizontal gradient to the north. The groundwater elevation in 5A was the lowest of all "A" wells on April 22, 2013 and was 9.92 feet lower than groundwater in the contamination source area (1A) 110 feet away. Groundwater in the shallow "A" zone flows to the north through unconsolidated sediment and weathered bedrock. A groundwater elevation contour map for the April 22, 2013 measurements from "A" monitor wells is shown on figure 2.

Groundwater elevations calculated for the "B" wells indicate a horizontal gradient to the south-southeast. Groundwater elevations calculated for the "C" wells indicate a horizontal gradient to the southwest. Groundwater elevations calculated for the "D" wells indicate a horizontal gradient to the northeast.

Groundwater in the "B", "C" and "D" wells flows through bedrock fractures; the flow patterns described above are estimates of the generalized flow direction and do not take into account any localized secondary porosity effects. Figure 3 depicts the generalized groundwater flow direction for the different bedrock intervals.

3.3 Groundwater Quality - Well Cluster #1 (Former Underground Storage Tank Area)

Monitor Well Cluster #1 is located at the former underground storage tank (UST) area (figure 1). Groundwater samples collected from these wells contain the highest concentrations of tetrachloroethylene (PCE) and its degradation byproducts. Laboratory analysis of groundwater samples collected from MW-1A and MW-1B on April 23, 2013 indicated PCE concentrations exceeding NYSDEC Ground Water Quality Standards (GWQS). On these dates, PCE concentrations were 740 ug/l (micrograms per liter) and 18 ug/l in MW-1A and MW-1B, respectively.

The historic concentrations of PCE and its degradation products decreases with depth below grade at the Well Cluster #1 location. No VOCs were detected in MW-1C on April 23, 2013 and VOCs have never been detected in MW-1D (the deepest #1 cluster well). Table 2.1 summarizes groundwater quality at Well Cluster #1.

3.4 Groundwater Quality - Well Clusters #2 and #3

Well Clusters #2 and #3 are the clusters to the east and northeast of the former UST area (50 to 60 feet away). Groundwater samples from Cluster #2 (east of the former UST area) did not contain VOCs above GWQS during the most recent sampling event. Historically, GWQS were exceeded for only one compound on one date in Cluster #2 (7 ug/l, 1,1-dichloroethane, MW-2C, April 30, 2003). Table 2.2 summarizes groundwater quality at Monitor Well Cluster #2.

Groundwater samples collected from Well Cluster #3 (northeast of the former UST area) historically had no VOCs exceeding GWQS. Table 2.3 summarized groundwater quality at Well Cluster #3.

3.5 Groundwater Quality – Well Cluster #4 (North of Former UST Area)

Groundwater samples collected from Well Cluster #4 contains the greatest VOC concentration lateral to Well Cluster #1. On the most recent sampling date (April 23, 2013), groundwater samples collected from Monitor Well 4B contained PCE at a concentration of 67 ug/l (MW-4A). Monitor Wells MW-4A and MW-4B contained groundwater with VOCs exceeding GWQS. Table 2.4 summarizes groundwater quality at Well Cluster #4.

3.6 Groundwater Quality - Well Clusters #5, #6 and #7

The results of laboratory analysis from the most recent groundwater sampling date (April 23, 2013) indicate that the only VOC detection at this well cluster was PCE at 9.7 ug/l in Monitor Well 5A. Table 2.5 summarizes groundwater quality in Well Clusters 5, 6 and 7.

4.0 ENGINEERING AND INSTITUTIONAL CONTROLS (EC and ICs)

4.1 Engineering Controls/Monitored Natural Attenuation

The EC required by the SMP is MNA. In a letter to Deluxe dated November 10, 2009, NYSDEC concluded that the lateral and vertical extent of groundwater contamination beneath the Site has been well established and it accepted the recommendation of MNA as the remedial approach. Groundwater monitoring activities to assess natural attenuation will continue until residual groundwater concentrations are found to be consistently below NYSDEC GWQS or have become asymptotic at an acceptable level for a sufficient period of time as provided in Section 6.4

of NYSDEC DER-10. Monitoring will continue until permission to discontinue is granted in writing by the NYSDEC. If groundwater contaminant levels become asymptotic at a level that is not acceptable to the NYSDEC, additional source removal, treatment and/or control measures will be evaluated.

4.2 Institutional Controls

A series of ICs is required by the SMP and the Declaration, which refers to the Site as the "Property", and was implemented under the SMP. The Declaration is attached as Appendix A. The ICs listed in the SMP and the Declaration are:

- compliance with the Declaration and the SMP by Deluxe, the site owner, and their respective successors and assigns;
- the prohibition of the Property for any purposes other than Commercial or Industrial use without the express written waiver of such prohibition by NYSDEC or its successor agency;
- the owner of the Property shall prohibit the use of the groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from NYSDEC or its successor agency;
- unless prior written approval by NYSDEC or its successor agency is first obtained, where contamination remains at the Property subject to the provisions of the SMP, there shall be no construction, use or occupancy of the Property that results in the disturbance or excavation of the Property which threatens the integrity of the ECs or which results in unacceptable human exposure to contaminated groundwater;
- groundwater monitoring must be performed as defined in the SMP; and,
- data and information pertinent to the SMP for the Property must be reported at the frequency and in a manner defined in the SMP.

ICs identified in the Declaration may not be discontinued without an amendment to or extinguishment of the Declaration.

5.0 ANNUAL SITE INSPECTION/SITE EVALUATION

A site-wide inspection was conducted on April 23, 2013 by Michael K. De Felice, a Senior Hydrogeologist with LBG. The inspection included verification of the site owner and site use, verification that the Declaration is on record with Onandaga County and documenting the condition of the onsite monitor wells. The Site-Wide Inspection Form required by the SMP is included in Appendix F.

The MNA program is continuing on schedule as required by the SMP. Groundwater quality is consistent with the remaining contamination defined by the SMP and there are no changes recommended to the Remedy or to the Monitoring Plan.

6.0 CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS

There are no modifications to the onsite ECs/ICs as outlined in the SMP. As specified in the SMP, the remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitutes a violation or failure to comply with the SMP. NYSDEC retains the right to access such Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an engineer or a Qualified Environmental Professional (QEP).

The certification form has been completed by the QEP, Dan C. Buzea, P.G., CPG, Senior Vice President of LBG. A copy of the signed certification is included in Appendix G.

7.0 STANDARDS OF CARE

All inspections performed at the Site were conducted at the frequency specified in the schedules provided in Section 3 - Monitoring Plan of the SMP. Site inspections and sampling activities at the Site will continue to take place as outlined in the SMP. Frequency of inspection is subject to change by NYSDEC.

All sampling and analyses were performed in accordance with the requirements of the Quality Assurance Project Plan (QAPP) described in the SMP.

8.0 CONCLUSIONS AND RECOMMENDATIONS

All onsite ECs/ICs are in place and being implemented properly. As such, all onsite sampling and monitoring activities will continue as outlined in the SMP. The next scheduled groundwater sampling event is January 2014. A brief letter report summarizing the sampling will be submitted by March 31, 2014 and the 2014 Periodic Review report including the EC/IC certification will be submitted by November 22, 2014.

This annual SMR will be submitted, in hard-copy and electronic format, to the central NYSDEC office and the Regional office. Additionally, copies of this report will be submitted to the property owner and the New York State Department of Health (NYSDOH) Bureau of Environmental Exposure Investigation.

LEGGETTE, BRASHEARS & GRAHAM, INC.

Jorma Weber
Senior Associate

Reviewed By:

Dan C. Buzea, CPG
Senior Vice President

dmd
November 19, 2013
report.sitev003397.2013-11-19.liverpool.periodicreviewreport

TABLES

TABLE 1

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

Summary of Groundwater Elevations and Field Measurements

Well ID	Date	Top of Casing Elevation (feet) [1]	Total Depth (feet)	Depth to Water (ft btoc) [2]	Groundwater Elevation (feet)	Conductivity (S/m) [3]	Temperature (°C)	pH	Turbidity (NTU) [4]	Dissolved Oxygen (mg/l) [5]	ORP [6] (mV) [7]
1A	04/05/01	98.78	20.00	12.38	86.40	NM [8]	NM	NM	NM	NM	NM
	10/15/02	-	-	15.25	83.53	0.067	15.2	7.21	72	7.0	76
	01/29/03	-	-	13.91	84.87	0.057	8.1	7.21	120	7.3	118
	04/28/03	-	-	13.00	85.78	0.140	15.0	7.02	270	8.1	NM
	09/24/03	-	-	16.64	82.14	0.050	NM	6.63	NM	NM	NM
	10/16/03	-	-	16.02	82.76	NM	NM	NM	NM	NM	NM
	04/22/13	-	20.05	12.15	86.63	0.117	12.04	7.55	321	7.03	-17
1B	04/05/01	98.87	40.20	33.39	65.48	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	39.80	59.07	NM	NM	NM	NM	NM	NM
	01/29/03	-	-	Dry	-	-	-	-	-	-	-
	04/28/03	-	-	35.55	63.32	0.150	18.6	6.76	180	5.1	NM
	09/24/03	-	-	39.85	59.02	NM	NM	NM	NM	NM	NM
	04/22/13	-	46.40	36.58	62.29	0.145	14.54	7.59	287	5.14	-17
1C	04/05/01	99.20	60.10	37.55	61.65	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	52.02	47.18	0.200	12.6	7.20	9	8.0	83
	01/29/03	-	-	43.97	55.23	0.140	11.8	6.98	21	8.0	124
	04/28/03	-	-	37.34	61.86	0.160	17.6	6.76	280	13.3	NM
	09/24/03	-	-	52.19	47.01	0.081	NM	6.60	NM	NM	NM
	10/16/03	-	-	52.33	46.87	NM	NM	NM	NM	NM	NM
	04/22/13	-	60.25	42.50	56.70	0.252	15.57	8.78	565	7.74	-72
1D	09/24/03	98.78	109.52	49.74	49.04	0.294	NM	11.41	NM	NM	NM
	04/22/13	-	109.52	42.25	56.53	0.342	12.22	10.73	NM	6.73	-261

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2A	04/05/01	98.73	20.08	9.49	89.24	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	14.52	84.21	0.210	17.4	6.88	81	5.0	91
	01/29/03	-	-	12.55	86.18	0.220	9.3	6.99	90	8.3	91
	04/28/03	-	-	10.75	87.98	0.220	12.2	6.79	820	5.8	NM
	09/24/03	-	-	15.42	83.31	0.084	NM	6.48	NM	NM	NM
	04/22/13	-	20.10	10.76	87.97	0.292	12.52	6.94	NM	9.20	17
2B	04/05/01	98.92	40.18	35.48	63.44	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	39.80	59.12	NM	NM	NM	NM	NM	NM
	01/29/03	-	-	Dry	-	-	-	-	-	-	-
	04/28/03	-	-	36.01	62.91	0.100	16.6	6.87	500	6.0	NM
	09/24/03	-	-	39.95	58.97	NM	NM	NM	NM	NM	NM
	04/22/13	-	40.15	36.98	61.94	0.154	15.97	7.49	NM	8.19	4
2C	04/05/01	98.83	60.10	37.24	61.59	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	51.78	47.05	0.220	13.2	6.64	5	7.7	97
	01/29/03	-	-	43.66	55.17	0.190	11.5	6.88	46	7.6	96
	04/28/03	-	-	37.00	61.83	0.180	17.2	6.99	390	7.7	NM
	09/24/03	-	-	51.83	47.00	0.077	NM	6.68	NM	NM	NM
	04/22/13	-	61.00	38.95	59.88	0.279	14.00	7.25	350	8.57	11

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3A	04/05/01	98.31	20.00	8.79	89.52	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	14.33	83.98	0.120	17.7	7.58	67	6.2	74
	01/29/03	-	-	12.39	85.92	0.120	13.1	7.02	56	4.9	53
	04/28/03	-	-	10.65	87.66	0.140	13.2	7.14	150	3.4	NM
	09/24/03	-	-	15.12	83.19	0.069	NM	6.82	NM	NM	NM
	04/22/13	-	20.00	10.20	88.11	0.244	12.55	9.78	NM	3.69	-198
3B	04/05/01	98.36	40.18	34.30	64.06	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	39.86	58.50	NM	NM	NM	NM	NM	NM
	01/29/03	-	-	39.17	59.19	0.090	12.8	6.88	72	11.0	151
	04/28/03	-	-	35.10	63.26	0.078	19.6	7.10	100	4.5	NM
	09/24/03	-	-	39.95	58.41	NM	NM	NM	NM	NM	NM
	04/22/13	-	40.30	35.90	62.46	0.140	16.48	7.37	317	11.09	-4
3C	04/05/01	98.19	60.18	36.24	61.95	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	50.06	48.13	0.230	13.4	7.13	23	8.0	87
	01/29/03	-	-	42.62	55.57	0.210	12.7	6.82	47	7.5	154
	04/28/03	-	-	35.99	62.20	0.200	15.2	6.59	110	8.0	NM
	09/24/03	-	-	50.15	48.04	0.072	NM	6.67	NM	NM	NM
	04/22/13	-	60.20	37.75	60.44	0.326	16.92	7.60	NM	8.58	-13

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4A	04/05/01	96.90	20.03	8.91	87.99	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	13.19	83.71	0.120	16.0	7.16	97	6.3	82
	01/29/03	-	-	11.81	85.09	0.110	10.5	6.85	95	6.7	124
	04/28/03	-	-	10.70	86.20	0.100	19.3	6.56	500	5.7	NM
	09/24/03	-	-	13.85	83.05	0.053	NM	6.63	NM	NM	NM
	04/22/13	-	19.97	10.73	86.17	0.145	11.98	7.00	NM	6.50	19
4B	04/05/01	96.76	40.18	32.85	63.91	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	38.78	57.98	NM	NM	NM	NM	NM	NM
	01/29/03	-	-	37.99	58.77	0.089	11.1	6.45	87	9.3	174
	04/28/03	-	-	33.35	63.41	0.083	17.3	6.78	700	7.0	NM
	09/24/03	-	-	39.01	57.75	0.017	NM	7.14	NM	NM	NM
	04/22/13	-	40.21	33.83	62.93	0.126	13.32	6.99	226	6.50	16
4C	04/05/01	96.50	60.20	34.73	61.77	NM	NM	NM	NM	NM	NM
	10/15/02	-	-	49.03	47.47	0.140	12.5	7.69	5	8.9	77
	01/29/03	-	-	41.15	55.35	0.150	12.8	7.01	160	9.2	115
	04/28/03	-	-	34.52	61.98	0.140	15.6	6.90	200	9.5	NM
	09/24/03	-	-	48.96	47.54	0.062	NM	6.78	NM	NM	NM
	04/22/13	-	60.17	36.42	60.08	0.301	13.65	4.69	246	6.17	16

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5A	09/24/03	96.52	22.48	21.98	74.54	0.016	NM	7.29	NM	NM	NM
	04/22/13	-	22.50	19.81	76.71	0.150	8.49	5.69	5	8.59	99
5D	09/24/03	96.19	111.88	106.14	-9.95	0.173	NM	7.10	NM	NM	NM
	04/22/13		111.88	40.20	55.99	2.70	13.19	10.47	648	6.78	-152
6A	09/24/03	102.73	22.50	17.75	84.98	0.016	NM	6.71	NM	NM	NM
	04/22/13	-	23.50	13.15	89.58	0.097	8.66	8.57	NM	5.40	-48
6D	09/24/03	103.03	112.28	108.58	-5.55	0.148	NM	7.28	NM	NM	NM
	04/22/13		112.28	43.20	59.83	1.80	11.43	9.83	431	6.17	-95
7A	09/24/03	106.31	22.52	Dry	-	-	-	-	-	-	-
	04/22/13	-	22.55	11.00	95.31	0.379	11.92	8.84	973	4.44	-126
7D	09/24/03	105.98	112.15	59.83	46.15	0.016	NM	7.19	NM	NM	NM
7D	04/22/13		112.15	46.90	59.08	1.80	13.42	9.94	197	3.34	-230

1) Elevations referenced to arbitrary datum
2) Feet below top of casing
3) Siemens per meter
4) Nephelometric turbidity units
5) Milligrams per liter
6) Oxydation reduction potential
7) Millivolts
8) Not measured

TABLE 2.1

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

Summary of Groundwater Quality - #1 Well Cluster
(all concentrations in micrograms per liter)

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	1,2,4-Tri-methyl-benzene	1,3,5-Tri-methyl-benzene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
1 A	4/5/2001	2	2	6	75	45	14	730	300	23
	10/15/2002	7	<5	<5	53	<5	<5	860	340	<5
	1/31/2003	12	<1	3	23	3	<1	610	190	3
	4/30/2003	<5	<5	<5	12	<5	<5	310	82	<5
	9/24/2003	12	<1	3	25	<1	<1	390	130	<1
	10/16/2003	10	<1	3	49	<1	<1	360	140	<1
	4/23/2013	<5	<5	<5	40	<5	<5	740	300	<5
1 B	4/5/2001	27	1	7	70	34	11	670	290	20
	10/15/2002	NS [3]	NS	NS	NS	NS	NS	NS	NS	NS
	1/31/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/30/2003	5	<1	<1	10	<1	<1	140	25	<1
	9/24/2003	16	3	<2	8	<2	<2	280	27	<2
	4/23/2013	<5	<5	<5	40	<5	<5	18	<5	<5
1 C	4/5/2001	5	<1	<1	3	<1	<1	44	9	<1
	10/15/2002	3	2	1	<1	<1	<1	3	<1	<1
	1/31/2003	3	<1	<1	2	<1	<1	25	8	<1
	4/30/2003	3	4	2	<1	<1	<1	10	1	<1
	9/24/2003	4	3	2	<1	<1	<1	<1	<1	<1
	10/16/2003	3	3	3	<1	<1	<1	2	<1	<1
	4/23/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5
1 D	9/24/2003	<1	<1	<1	<1	<1	<1	<1	<1	<1
	4/23/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5
NYSDEC GWQS [1]		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards
NS = Not sampled
NA = Not analyzed
Exceeds NYSDEC GWQS

reports\deluxe\supplementalinvestigation\gwquality.xls

TABLE 2.2

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

Summary of Groundwater Quality - #2 Well Cluster
(all concentrations in micrograms per liter)

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
2 A	4/4/2001	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	10/15/2002	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	1/31/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	4/30/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	9/24/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2 B	4/4/2001	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	10/15/2002	NS	NS	NS	NS	NS	NS	NS
	1/31/2003	NS	NS	NS	NS	NS	NS	NS
	4/30/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	9/24/2003	NS	NS	NS	NS	NS	NS	NS
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2 C	4/4/2001	4	2	2	< 1	< 1	< 1	< 1
	10/15/2002	3	2	2	< 1	< 1	< 1	< 1
	1/31/2003	2	2	1	< 1	< 1	< 1	< 1
	4/30/2003	3	7	3	< 1	< 1	< 1	< 1
	9/25/2003	3	2	1	< 1	< 1	< 1	< 1
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
NYSDEC GWQS [1)]		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards
Exceeds NYSDEC GWQS

reports\deluxe\supplementalinvestigation\gwquality.xls

TABLE 2.3

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

Summary of Groundwater Quality - #3 Well Cluster
(all concentrations in micrograms per liter)

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
3 A	4/4/2001	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	10/15/2002	< 1	< 1	2	< 1	2	< 1	< 1
	1/31/2003	< 1	2	< 1	< 1	2	< 1	< 1
	4/30/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	9/25/2003	< 1	2	< 1	< 1	< 1	< 1	< 1
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
3 B	4/4/2001	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	10/15/2002	NS	NS	NS	NS	NS	NS	NS
	1/31/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	4/30/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	9/25/2003	NS	NS	NS	NS	NS	NS	NS
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
3 C	4/4/2001	3	1	< 1	< 1	< 1	< 1	< 1
	10/15/2002	2	2	1	< 1	< 1	< 1	< 1
	1/31/2003	4	2	2	< 1	< 1	< 1	< 1
	4/30/2003	3	3	1	< 1	< 1	< 1	< 1
	9/25/2003	2	2	1	< 1	< 1	< 1	< 1
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
NYSDEC GWQS [1)]		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards
Exceeds NYSDEC GWQS

reports\deluxe\supplementalinvestigation\gwquality.xls

TABLE 2.4

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

Summary of Groundwater Quality - #4 Well Cluster
(all concentrations in micrograms per liter)

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
4 A	4/4/2001	< 1	< 1	< 1	< 1	5	< 1	< 1
	10/15/2002	6	< 1	< 1	2	170	13	< 1
	1/31/2003	2	< 1	< 1	< 1	110	9	< 1
	4/30/2003	< 1	< 1	< 1	< 1	48	3	< 1
	9/25/2003	4	2	< 1	1	130	9	< 1
	4/23/2013	23	< 5	< 5	< 5	< 5	< 5	< 5
4 B	4/4/2001	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	10/15/2002	NS	NS	NS	NS	NS	NS	NS
	1/31/2003	6	< 1	1	5	68	12	< 1
	4/30/2003	8	< 1	< 1	11	88	20	< 1
	9/25/2003	< 1	< 1	< 1	< 1	14	3	< 1
	4/23/2013	3.7 J	< 5	< 5	18	67	28	< 5
4 C	4/4/2001	4	< 1	< 1	< 1	15	3	< 1
	10/15/2002	7	1	2	2	54	7	< 1
	1/31/2003	2	< 1	< 1	1	20	4	< 1
	4/30/2003	4	4	3	< 1	12	1	< 1
	9/25/2003	5	2	2	< 1	< 1	< 1	< 1
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
NYSDEC GWQS [1)]		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards
Exceeds NYSDEC GWQS

reports\deluxe\supplementalinvestigation\gwquality.xls

TABLE 2.5

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

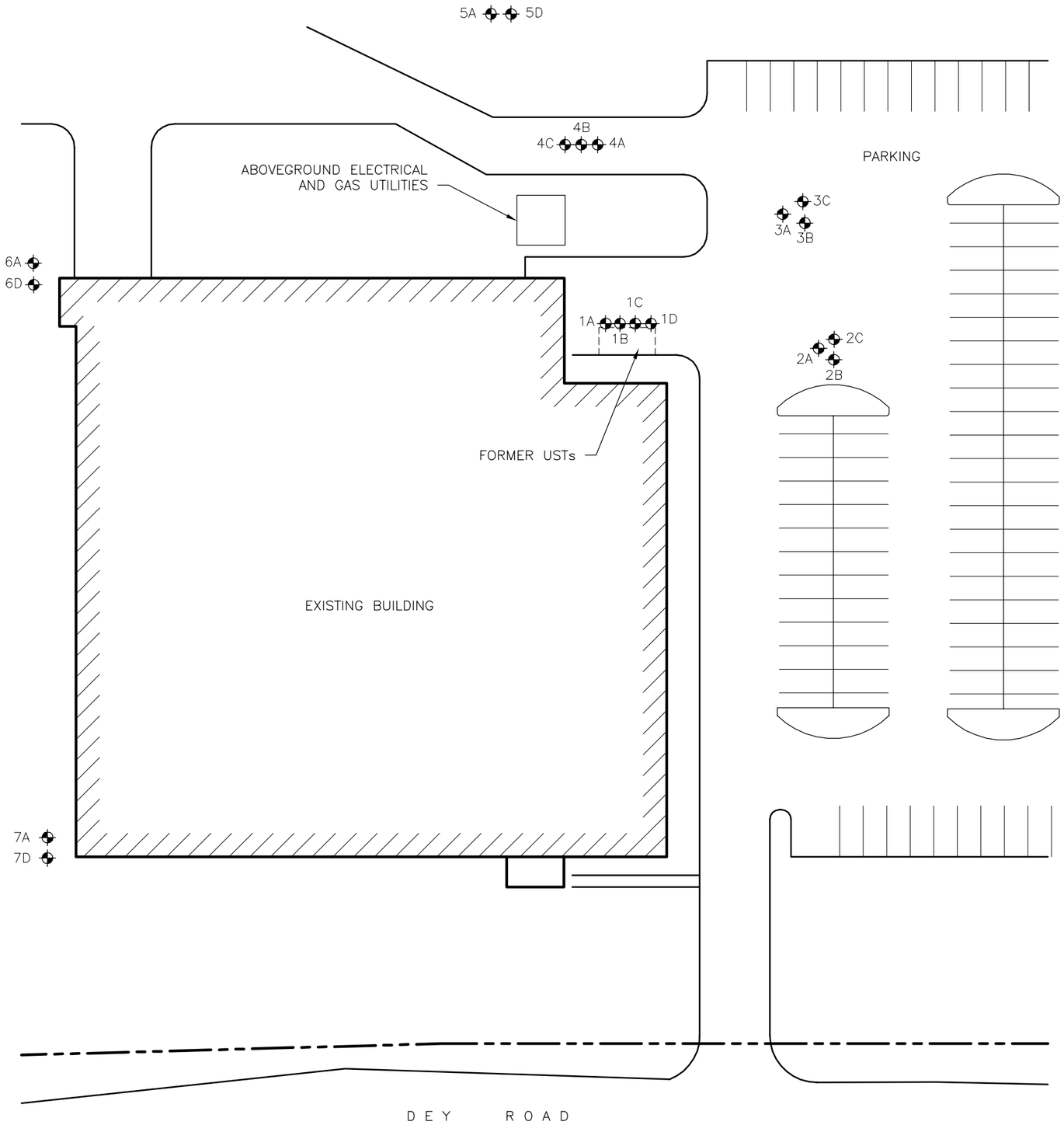
Summary of Groundwater Quality - #5, 6, 7 Well Clusters
(all concentrations in micrograms per liter)

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
5A	9/25/2003	< 1	< 1	< 1	< 1	21	< 1	< 1
	4/23/2013	< 5	< 5	< 5	< 5	9.7	< 5	< 5
5D	9/25/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
6A	9/25/2003	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
6D	9/25/2003	<1	<1	<1	<1	<1	<1	<1
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
7A	9/25/2003	NS	NS	NS	NS	NS	NS	NS
	4/23/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5
7D	9/25/2003	<1	<1	<1	<1	<1	<1	<1
	4/23/2013	<5	<5	<5	<5	<5	<5	<5
NYSDEC GWQS [1)]		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards
Exceeds NYSDEC GWQS

reports\deluxe\supplementalinvestigation\gwquality.xls

FIGURES



LEGEND

PROPERTY LINE

1A MONITOR WELL IDENTIFICATION AND LOCATION

0 40

SCALE IN FEET

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

SITE PLAN

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Groundwater and Environmental Engineering Services
4 Gannett Drive
Suite 175
White Plains, NY 10604
(914) 694-5711

DRAWN:	RAC	CHECKED:	DM	DATE:	11/08/13	FIGURE:	1

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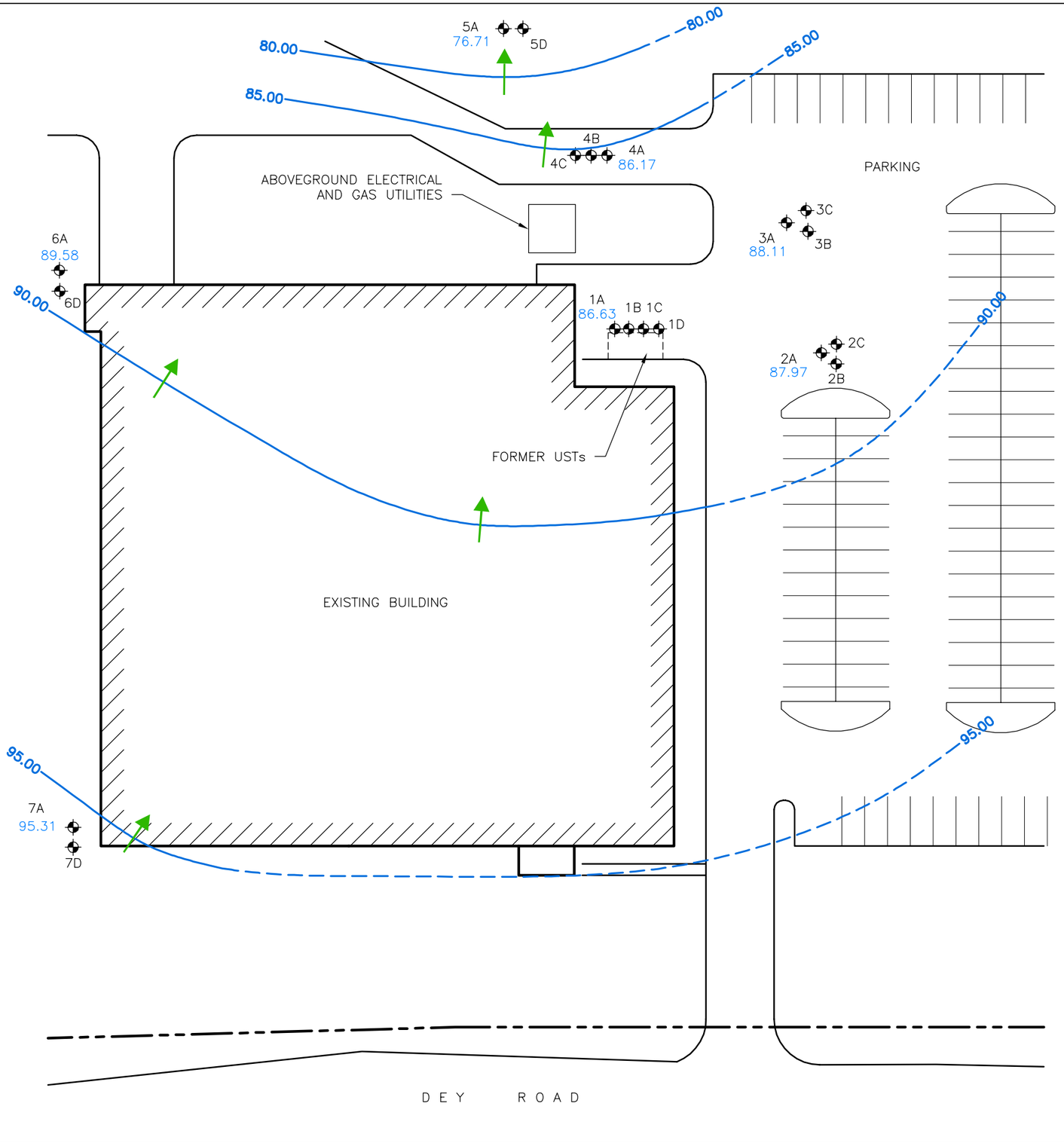

LEGEND

PROPERTY LINE

1A — MONITOR WELL IDENTIFICATION AND LOCATION

86.63 — GROUNDWATER ELEVATION IN FEET

80.00 — GROUNDWATER ELEVATION CONTOUR (FEET) (DASHED WHERE INFERRED)

DIRECTION OF GROUNDWATER FLOW

0 40

SCALE IN FEET

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP FOR SHALLOW "A" WELLS
APRIL 22, 2013

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Groundwater and Environmental Engineering Services
4 Gannett Drive
Suite 175
White Plains, NY 10604
(914) 694-5711

DRAWN:	RAC	CHECKED:	JW	DATE:	11/08/13	FIGURE:	2

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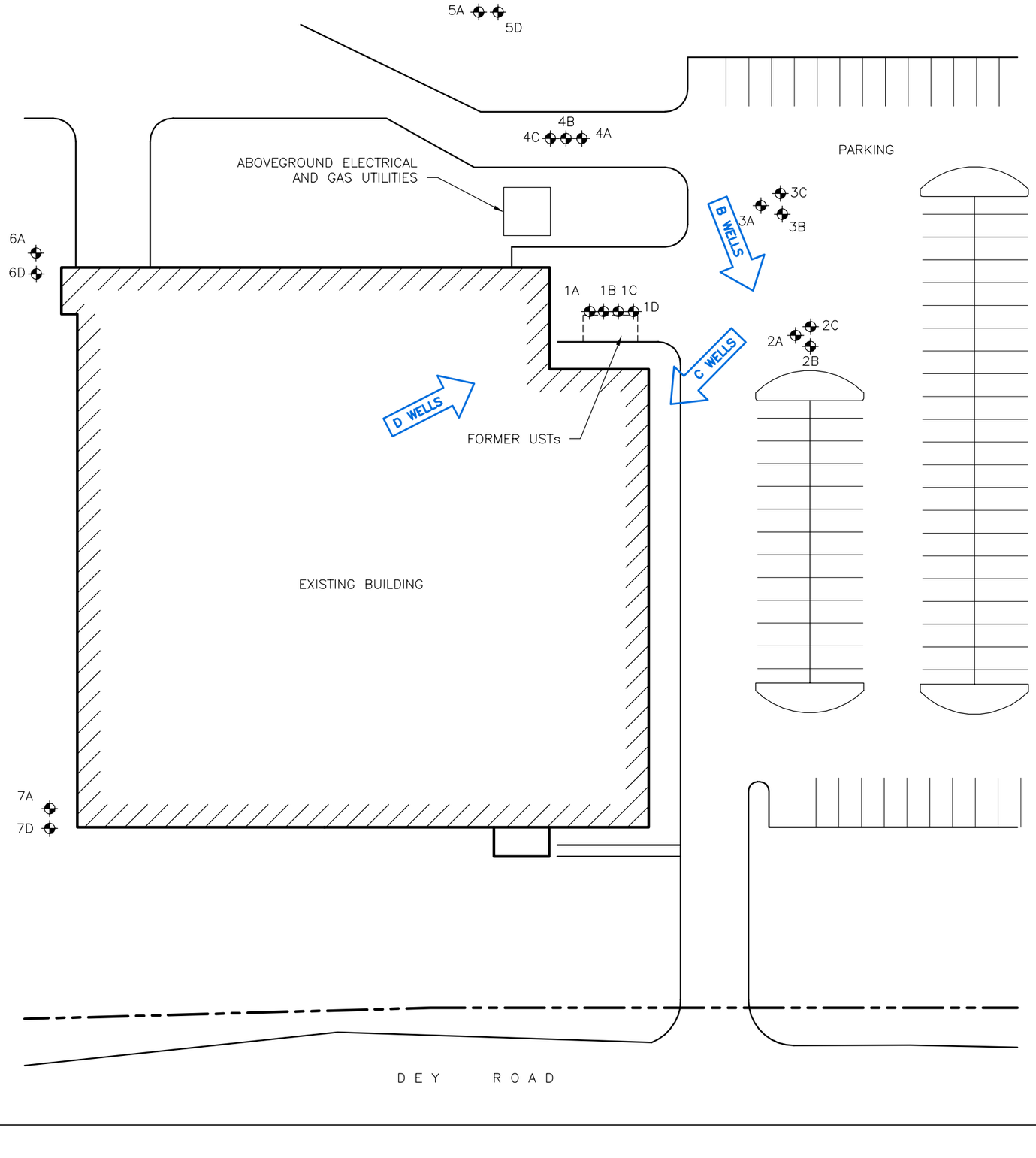

LEGEND

PROPERTY LINE

1A — MONITOR WELL IDENTIFICATION AND LOCATION

B WELLS — DIRECTION OF GROUNDWATER FLOW

0 40

SCALE IN FEET

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

GENERALIZED GROUNDWATER FLOW DIRECTIONS IN "B", "C" AND "D"
BEDROCK MONITOR WELLS - APRIL 22, 2013

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Groundwater and Environmental Engineering Services
4 Gannett Drive
Suite 175
White Plains, NY 10604
(914) 694-5711

DRAWN:	RAC	CHECKED:	JW	DATE:	11/08/13	FIGURE:	3

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APPENDIX A

DECLARATION of COVENANTS and RESTRICTIONS

THIS DECLARATION of COVENANTS and RESTRICTIONS is made the 28th day of December, 2011, by M. S. Kennedy Corp. ("M. S. Kennedy"), a corporation organized and existing under the laws of the State of New York and having an office for the transaction of business at 4707 Dey Road, Liverpool, New York.

WHEREAS, Deluxe Corporation Former Check Printing Site is the subject of a Voluntary Cleanup Agreement executed by Deluxe Corporation ("Deluxe") as part of the New York State Department of Environmental Conservation's (the "Department's) Voluntary Cleanup Program, namely that parcel of real property located on 4707 Dey Road in the Town of Clay, County of Onondaga, State of New York, which is part of lands conveyed by Deluxe Financial Services, Inc. to M. S. Kennedy by deed dated December 29, 1999 and recorded in the Onondaga County Clerk's Office in Liber and Page 4383/287, and being more particularly described in Appendix "A," attached to this declaration and made a part hereof, and hereinafter referred to as the "Property"; and

WHEREAS, the Department approved a remedy to eliminate or mitigate all significant threats to the environment presented by the contamination disposed at the Property and such remedy requires that the Property be subject to restrictive covenants.

NOW, THEREFORE, M. S. Kennedy, as the current owner of the Property, for itself and its successors and/or assigns, covenants that:

First, the Property subject to this Declaration of Covenants and Restrictions is as shown on a map attached to this declaration as Appendix "B" and made a part hereof.

Second, unless prior written approval by the Department or, if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "the Relevant Agency," is first obtained, where contamination remains at the Property subject to the provisions of the Site Management Plan ("SMP"), there shall be no construction, use or occupancy of the Property that results in the disturbance or excavation of the Property which threatens the integrity of the engineering controls or which results in unacceptable human exposure to contaminated groundwater.

Third, the owner of the Property shall not disturb, remove, or otherwise interfere with the installation, use, operation, and maintenance of engineering controls required for the remedy, which are described in the SMP, unless in each instance the owner first obtains a written waiver of such prohibition from the Department or Relevant Agency.

* This document is being rerecorded to include Appendices A & B which were inadvertently omitted on the prior recorded document

Fourth, the owner of the Property shall prohibit the Property from ever being used for purposes other than for Commercial or Industrial use without the express written waiver of such prohibition by the Department or Relevant Agency.

Fifth, the owner of the Property shall prohibit the use of the groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Department or Relevant Agency.

Sixth, the owner of the Property shall provide a periodic certification prepared and submitted by a professional engineer or environmental professional acceptable to the Department or Relevant Agency, which will certify that the institutional and engineering controls put in place are unchanged from the previous certification, comply with the SMP, and have not been impaired, unless such periodic certification has been timely provided to the Department or Relevant Agency by Deluxe or Deluxe's successors or assigns.

Seventh, the owner of the Property shall continue in full force and effect any institutional and engineering controls required for the remedy and maintain such controls, unless Deluxe or Deluxe's successors or assigns have timely continued in full force and effect any such institutional and engineering controls and maintained such controls, or permission to discontinue such controls is first obtained from the Department or Relevant Agency, in compliance with the approved SMP, which is incorporated and made enforceable hereto, subject to modifications as approved by the Department or Relevant Agency.

Eighth, this Declaration is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Property, and shall provide that the owner and its successors and assigns consent to enforcement by the Department or Relevant Agency of the prohibitions and restrictions that the Voluntary Cleanup Agreement requires to be recorded, and hereby covenant not to contest the authority of the Department or Relevant Agency to seek enforcement.

Ninth, any deed of conveyance of the Property, or any portion thereof, shall recite, unless the Department or Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and

Restrictions.

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

M. S. KENNEDY CORP.

By: Richard Roehm

Print Name: Richard Roehm

Title: GM Date: 12/28/11

ACKNOWLEDGEMENT OF DELUXE CORPORATION

Deluxe Corporation hereby acknowledges that it is a former owner of the above-referenced Property and that it continues to have certain obligations under the above-referenced Voluntary Cleanup Agreement to undertake periodic monitoring at the Property and to submit annual certifications to the New York State Department of Environmental Conservation.

DELUXE CORPORATION

By: T D. Pet

Print Name: Terry D. Peterson

Title: CFO + SVP Date: 12-19-2011

STATE OF NEW YORK)
) s.s.:
COUNTY OF ONONDAGA)

On the 28th day of December, in the year 2011, before me, the undersigned, personally appeared Richard Roehm, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public State of New York

Sharon E. Rose
Notary Public in the State of New York
Qualified in Onondaga County
#01R04621363
My Commission Expires on March 13, 2015

STATE OF MINNESOTA)
) s.s.:
COUNTY OF RAMSEY)

On the 19th day of December, in the year 2011, before me, the undersigned, personally appeared Terry D. Peterson, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public State of Minnesota

JOSEPH M. EVANS
Notary Public - Minnesota
My Commission Expires January 31, 2014

JUN 27 2012

APPENDIX A

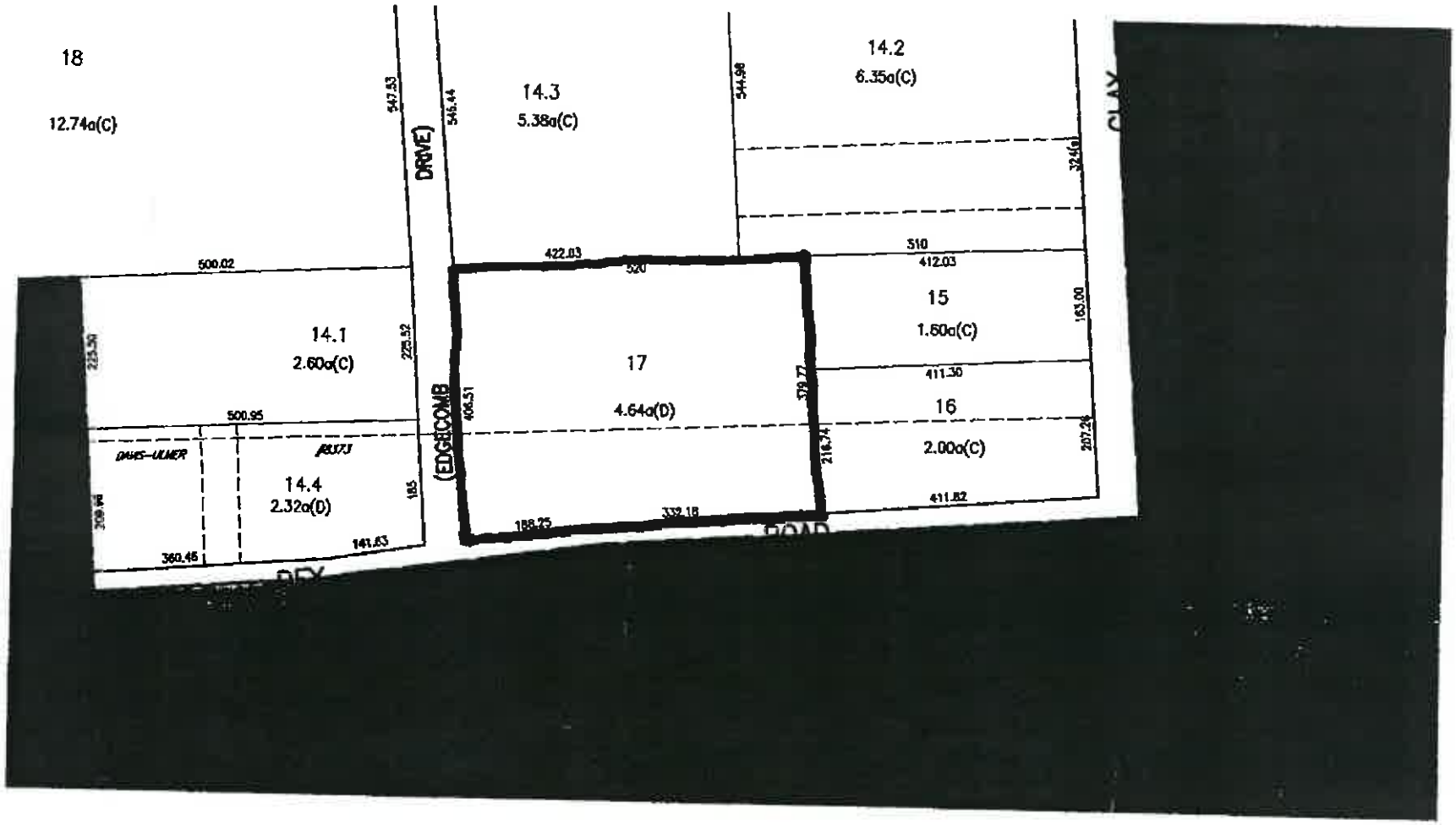
Metes and Bounds Description of the Controlled Property
from Schedule "A" to Deed dated December 29, 1999,
and recorded in Onondaga County Deeds Liber 4383, page 287 on January 3, 2000

Schedule "A"

ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Clay, County of Onondaga and State of New York and being Part of Farm Lot 76 – BEGINNING at a point on the northerly line of Deys Road South 89° 09' 30" West 411.22 feet from the intersection of said northerly line of Deys Road with the westerly line of Seventh North Street (as widened), running thence from the above mentioned point of beginning South 89° 09' 30" West along the northerly line of Deys Road 332.18 feet to an angle point in said Deys Road, thence South 84° 39' 30" West along the northerly line of Deys Road 188.25 feet, thence North 0° 50' 30" West 406.51 feet, thence South 89° 31' 20" East 520.0 feet, thence South 0° 50' 30" East 379.77 feet to the northerly line of Deys Road and the place of beginning.

APPENDIX B

Map of Controlled Property
Tax Map #095.02-17.0
Excerpt from Section Map 95
Town of Clay, Onondaga County, NY
Onondaga County Finance Department
dated March 1, 2011


18
12.74a(C)
14.1
2.60a(C)
14.3
5.38a(C)
14.2
6.35a(C)
17
4.64a(D)
15
1.60a(C)
16
2.00a(C)
14.4
2.32a(D)
DAVIS-ULMER
(EDGECOMB
DRIVE)
ROAD
500.02
500.95
422.03
520
510
412.03
411.30
411.82
339.18
188.75
360.45
141.63
543.53
546.44
544.98
324.61
225.52
185
163.00
207.26
216.74
379.77
406.51

APPENDIX B

Sheet 1 of 1 FIELD

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services

110 Corporate Park Drive, Suite 112
White Plains, New York 10604
(914) 694-5711
Fax: (914) 694-5744

FD/MS/MSD

FIELD BLANK 4/23/13

Client: FORMER DELUXE CHECK PRINTING FACILITY
Location: 4707 DEY RD. LIVERPOOL NY.
Date: 4/22/13 + 4/23/13
Professional: MCD/MKR
Weather/Comments: PARTLY CLOUDY, 55°F

Well	Hour	Ref. Pt. (feet)	Meas. Pt. (feet)	D.T.W. (feet)	T.D. (feet)	Gal Evac Actual	D.O. mg/l	D.O. mV	Temp (°C)	pH	Cond. mS/cm	ORP mV	BLK/MW15 Time Sampled
5D	1405		TOC	40.20	111.88	137.50 15.5	6.78	648	13.19	10.47	27.0	-152	2" 1015
5A	1410			19.81	22.50	1.29 1.50	8.59	5.0	8.49	5.69	1.50	99	2" 0915
4A	1415			10.75	19.97	1.29 1.29	8.65	N/A	11.88	7.00	1.45	19	2000
4B	1416			33.83	40.21	3.06 3.0	6.50	226	13.32	6.99	1.26	16	1945
4C	1418			36.42	60.17	23.75 24.0	6.17	246	13.65	4.69	3.01	16	4" 1935
6D	1422			43.20	112.28	13.5 13.5	6.17	431	11.43	9.83	18.0	-95.	4" 1120
6A	1424			13.15	23.50	4.96 3.50	5.40	-5.0	8.66	8.57	0.965	-48	2" 1115
7A	1426			11.00	22.55	3.54 6	4.44	973	11.92	8.84	3.79	-26	2" 1220
7D	1427			46.90	112.15	30 25.28	3.34	197	13.42	9.94	18.0	-230	4" 1215
2A	1505			10.76	20.10	4.43 5.00	8.20	—	12.52	6.94	2.92	17	2" 1850
2C	1506			38.95	61.00	10.54 11.00	8.57	350	14	7.25	2.79	11	2" 1845
2B	1507			36.98	40.15	1.52 1.50	8.19	—	15.97	7.49	1.54	4	2" 1823
3A	1508			10.20	20.00	4.70 4.70	9.09 8.56	—	12.55	9.78	2.44	-118	2" 1800
3C	1509			37.75	60.20	10.77 12.0	7.60	N/A	15.92	7.60	3.26	-13	2" 1530
3B	1516			35.90	40.30	2.12 2.00	4.09	317	16.48	7.37	1.40	-4	1550
1D	1530			42.25	109.52	12.13 30	6.73	NA	12.22	10.73	3.42	-261	4" 1610
1C	1542			42.50	60.25	15 15	7.74	565	15.57	8.78	2.52	-72	4" 1645
1A	1545			12.15	20.05	23.08 23	7.03	321	12.04	7.55	1.17	-17	4" 1730
LB	1553			36.58	46.40	19.8	5.44	126.7	14.64	7.59	1.45	-77	14" 1810

APPENDIX C

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD041826470	1	800-843-8265	006496379 FLE

GENERATOR

5. Generator's Name and Mailing Address
M S KENNEDY CORPORTAION
4707 DEY ROAD
LIVERPOOL NY 13088
Generator's Phone: 914 694-5711

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
ENVIRONMENTAL PROD & SVCS OF VT, INC

U.S. EPA ID Number
NYR000115733

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
CYCLE CHEM, INC.
550 INDUSTRIAL DR.
LEWISBERRY PA 17339
Facility's Phone: 717 938-4700

U.S. EPA ID Number
PAD067098822

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ NA3082, Hazardous waste, liquid, n.o.s. (Tetrachloroethylene), 9, PGIII	4	DM	700	G	D039	F002	L
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1) APP #:EPS337-A-WDV. 1 X 1 GAL. ERG#171
2)
3)
4) JOB #N12039. PO #28428

15. **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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
James DiBuono is Agent of Deluxe Corporation	James DiBuono is Agent of Deluxe Corporation	6	7	13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Cycle Chem, Inc.

www.cyclechem.com

217 South 1st St.
Elizabeth, NJ 07206
Phone: (908) 355-5800
Fax: (908) 355-0562

550 Industrial Dr.
Lewisberry, PA 17339
Phone: (717) 938-4700
Fax: (717) 938-3301

General Chemical Corporation

133-138 Leland St., Framingham, MA 01701
Phone: (508) 872-5000 Fax: (508) 875-5271

Material Profile Sheet

Gencode/Gen #: EP5331 - A

Stream:(if applicable)

Process/Product Code: WDV

A. GENERATOR INFORMATION

EPA ID # NYD041826470

GENERATOR NAME: M S KENNEDY CORPORATION
MAILING ADDRESS: 4707 DEY ROAD
LIVERPOOL NY 13088
GENERATOR CONTACT: MICHAEL DEFLICE
GENERATOR PHONE #: 914-694-5711
GENERATOR FAX: 914-694-5744
SITE ADDRESS: 4707 DEY ROAD
LIVERPOOL NY 13088

BILLING COMPANY: ENVIRONMENTAL PRODS & SVCS OF VT, INC.
BILLING ADDRESS: 532 STATE FAIR BLVD
SYRACUSE NY 13204
BILLING CONTACT: JEFF STANISLAW
BILLING PHONE #: 315-451-6666 FAX 315-457-6652

NAME OF WASTE: PURGE WATER WITH TETRACHLOROETHYLENE

PROCESS GENERATING WASTE: PURGE WATER FROM MONITORING WELL ACTIVITIES

B. PHYSICAL CHARACTERISTICS OF WASTE (AT 70° F)

Color / Odor / Physical Description: CLEAR ODORLESS LIQUID

Wastewater: (•) Wastewater ( ) Non-wastewater

Specific Gravity: ~1

Physical State: [x] Single Phase [ ] Solid [ ] Gas/Aerosol [ ] Bi-Layered [x] Liquid [ ] Lab Pack [ ] Multi-Layered [ ] Semi-Solid [ ] Powder [ ] Sludge

Liquid/Solid/Sludge

% Liquid	100%
% Suspended Solids	
% Sludge	
% Solid	
Dumpable?	(•) Yes ( ) No
Pumpable?	(•) Yes ( ) No
Pourable?	(•) Yes ( ) No

Flash Point: ( ) Flash Point <74 F ( ) Flash Point 74-100 F ( ) Flash Point 101-140 F ( ) Flash Point 141-200 F (•) Flash Point >200 F ( ) No Flash Point ( ) Exact Flash Point: ( ) Open cup (•) Closed cup

Ignitable Solid? ( ) Yes (•) No

pH: ( ) <2.0 ( ) 2.01-5.0 (•) 5.01-9.0 ( ) 9.01-12.49 ( ) >12.5 ( ) Exact pH

C. CHEMICAL COMPOSITION

ATTACHMENTS: [ ] MSDS attached [x] Supplemental Analysis [ ] Additonal Information [ ] LDR Attachment

Chemical Composition	Percent	Minimum	Maximum
PURGE WATER W/ TETRACHLOROETHYLENE	100%		

D. REGULATORY INFORMATION

Is it USEPA Haz waste? (•) Yes ( ) No

USEPA Haz Codes: D039, F002

EPA Sub Categories:

Is it STATE waste? ( ) Yes (•) No

STATE Haz Codes: N/A

DOT Hazardous Material? (•) Yes ( ) No

Proper Shipping Name: RQ, HAZARDOUS WASTE, LIQUID, N.O.S.(TETRACHLOROETHYLENE)

Hazard Class: 9 UN/NA #: NA3082 P. G.: III

RQ: 100 LBS. ERG#: 171

E. SHIPPING INFORMATION

Shipment Method:

[ ] Bulk Liquid - Tanker [ ] Pallet(s) [x] Drum(Size): 55 GAL DM
[ ] Bulk Solid - Dmp Tlr [ ] Tote(s)
[ ] Bulk Solid - Roll Off [ ] Cubic Yard Box(s) [ ] Other(Size):

Anticipated Volume: 4 X 55 GAL Per ONCE

Quantity: Price: / Unit:

F. SPECIAL HANDLING CONSIDERATIONS

[ ] Radioactive [ ] PA RW SQG [ ] No Land Filling
[ ] Etiologic/Medical Waste [ ] DRMS/DRMO Waste [ ] Incinerate Only
[ ] Fuming [ ] CERCLA Waste [ ] Recycle Only
[ ] Phenolics [ ] Asbestos [ ] Other:

G. TRANSPORTER ARRANGEMENTS

( ) CCI/GCC Provides Transportation ( ) Other:
(•) Customer Delivers to CCI/GCC
( ) Customer Delivers to End Facility via CCI/GCC

H. OTHER HAZARDOUS CHARACTERISTICS

[ ] RCRA REACTIVE [ ] ETIOLOGICAL [ ] EXPLOSIVE/SHOCK SENSITIVE
[ ] WATER REACTIVE [ ] TSCA REG [x] NONE OF THE ABOVE
[ ] RADIOACTIVE [ ] OXIDIZING MAT'L
[ ] SUBJECT TO SUBPART FF BENZENE REG [ ] PYROPHORIC

Indicate if waste contains any of the following:

	Non-Reg.	or LessThan		or Actual
PCBs	[x]	[ ]	50 PPM	
Cyanides	[x]	[ ]	250 PPM	
Phenolics	[x]	[ ]	50 PPM	
Sulfides	[x]	[ ]	500 PPM	
VOCs	[x]	[ ]	500PPM	
Chlorides	[ ]	[ ]	1000 PPM	SEE SECTION C

1. Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004 through D043)? (•) Yes ( ) No
If YES, please list the constituents and concentrations in section C.

2. Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 Part 2, Section I at concentrations exceeding the UTS treatment standards? (•) Yes ( ) No
If YES, please list the constituents and concentrations in section C.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all other attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI/GCC discovers, after having taken the delivery of the waste, that any waste does not conform to the identification or descriptions contained in this MPS then CCI/GCC shall provide notice to Generator and coordinate the return, if applicable, of the non conforming waste to the point of origin as set forth in the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI/GCC for all handling, packaging, cleanup and transportation costs or charges, damage to equipment and costs associated with lost time incurred by CCI/GCC during the receipt, handling, temporary storage and return of such non conforming waste to its point of origin or to such other location designated by the Generator. I hereby authorize CCI/GCC to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

Authorized Signature: [signature] AS AGENT FOR Deluxe Corporation Title: Maintenance Manager Date: 6/7/13

CCI/GCC APPROVAL	Sales Code	Tech Initials	Date	Management Initials	Date	Residual Waste / Form Code:

Cycle Chem

Recycling, Treatment & Disposal of Hazardous Waste

217 South First Street, Elizabeth, NJ 07206 * 908-355-5800, Fax (908) 355-0562

Generator Name: MS Kennedy Corp

Generator EPA ID #: NYD041826470

Manifest #: 006496379 FLE

LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM

This land disposal restriction (LDR) notification must be submitted with the initial shipment of all new waste streams. Subsequent notification is not required unless the waste stream changes. All sections MUST be completed. INSTRUCTION

WASTE STREAM INFORMATION – For each manifest line complete the following sections. For LDR's previously submitted or LAB PACK's with packing slips indicate such in column A or B and stop.

	A	B	C	D Treatability Group		E	F Treatment Method for Hazardous Waste per 40CFR268			
Line #	LDR on file Non RCRA	Lab Pack & Packing Slip	EPA Waste Codes and subcategory reference letter from table (if applicable)	WW Wastewater < 1% TOC < 1% TSS / NWW/ Not WW		F001 to F005 list numbers of Spent Solvent Constituents	Requires treatment mark which standard applies / For Atl SOIL Treatment Complete certification below			Meets LDR treatment standards 40CFR268 Listed Waste Certify below
1	☐	☐	D039, F002	☒ NWW	☐ WW	21	☒ Other	☐ SOIL	☐ DEBRIS	☐
2	☐	☐		☐ NWW	☐ WW		☐ Other	☐ SOIL	☐ DEBRIS	☐
3	☐	☐		☐ NWW	☐ WW		☐ Other	☐ SOIL	☐ DEBRIS	☐
4	☐	☐		☐ NWW	☐ WW		☐ Other	☐ SOIL	☐ DEBRIS	☐

ADDITIONAL INFORMATION FOR CHARACTERISTIC CODES D001 to D043. (check one)

☐ Some or all of these waste streams contain underlying hazardous constituents (UHCs) in excess of the treatment standard of 40CFR268.40. These are indicated on the UHC/UTS table section of this LDR form or included on the waste profile.

☒ There are no underlying hazardous constituents (UHCs) present in any of these waste streams.

SUBCATEGORY LETTER TABLE

D001	A	Ignitable except high TOC ignitable liquids
	B	High TOC (> 10%) ignitable liquid
D003	A	Reactive sulfide
	B	Reactive cyanide
	C	Water reactive
	D	Other reactive
D006	A	Cadmium non-battery
	B	Cadmium containing batteries
D008	A	Lead non-battery
	B	Lead acid batteries
D009	A	High mercury organic (≥260 PPM Total Hg)
	B	High mercury inorganic (≥ 260 PPM Total Hg)
	C	Low mercury (< 260 PPM Total Hg)
	D	Mercury wastewater

SPENT SOLVENT WASTE CONSTITUENTS

For F001-F005 indicate number of constituent in above table

1) -acetone	15) methanol
2) benzene	16) methylene chloride
3) n-butyl alcohol	17) methyl ethyl ketone
4) iso-butyl alcohol	18) methyl isobutyl ketone
5) carbon disulfide	19) nitrobenzene
6) carbon tetrachloride	20) pyridine
7) chlorobenzene	21) tetrachloroethylene {Perc}
8) Cresols [o, m or p]	22) toluene
9) cresylic acid	23) 1,1,1,-trichloroethane
10) cyclohexanone	24) 1,1,2-trichloroethane
11) o-dichlorobenzene	25) trichloroethylene
12) ethyl acetate	26) trichloromonofluoromethane
13) ethyl benzene	27) 1,1,2-trichloro-1,2,2,-trifluoroethane
14) ethyl ether	28) xylenes

☐ This **SOIL CERTIFICATION per alternate soil treatment {268.49} for indicated [circle] items.**

*This is a hazardous waste contaminated soil. This contaminated soil **does/does not** (circle one) contain listed hazardous wastes and **does/does not** (circle one) exhibit a characteristic of hazardous waste and **is subject to/complies with** (circle one) the soil treatment standards as provided by 268.49(c) or the universal treatment standards.*

☐ This **Certification for material that meets treatment standards applies to the above listed items.**

This is an EPA hazardous waste that meets all applicable treatment standards set forth in 40 CFR 268 subpart D, and can be landfilled without further treatment. I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or thorough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

CERTIFICATION- All section MUST be completed: I certify that all information on this and all associated documents is complete and accurate to the best of my knowledge.

Signature: [signature] As Agent of Deluxe Corporation Title: Maintenance Manager

Printed Name: James D. Burrows Date: 6/7/13

APPENDIX D

Technical Report

prepared for:

Leggette Brashears & Graham White Plains Office
110 Corporate Park Drive, Suite 112
White Plains NY, 10604
Attention: Jorma Weber

Report Date: 05/22/2013
Client Project ID: Deluxe
York Project (SDG) No.: 13D0938

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Table of Contents
York Project/SDG No. 13D0938

Report Date: 05/22/2013
Client Project ID: Deluxe
York Project (SDG) No.: 13D0938

Leggette Brashears & Graham White Plains Office
110 Corporate Park Drive, Suite 112
White Plains NY, 10604
Attention: Jorma Weber

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 April 25, 2013 and listed below. The project was identified as your project: **Deluxe**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0938-01	MW-1A	Water	04/23/2013	04/25/2013
13D0938-02	MW-1B	Water	04/23/2013	04/25/2013
13D0938-03	MW-1C	Water	04/23/2013	04/25/2013
13D0938-04	MW-1D	Water	04/23/2013	04/25/2013
13D0938-05	MW-2A	Water	04/23/2013	04/25/2013
13D0938-06	MW-2B	Water	04/23/2013	04/25/2013
13D0938-07	MW-2C	Water	04/23/2013	04/25/2013
13D0938-08	MW-3A	Water	04/23/2013	04/25/2013
13D0938-09	MW-3B	Water	04/23/2013	04/25/2013
13D0938-10	MW-3C	Water	04/23/2013	04/25/2013
13D0938-11	MW-4A	Water	04/23/2013	04/25/2013
13D0938-12	MW-4B	Water	04/23/2013	04/25/2013
13D0938-13	MW-4C	Water	04/23/2013	04/25/2013
13D0938-14	MW-5A	Water	04/23/2013	04/25/2013
13D0938-15	MW-5D	Water	04/23/2013	04/25/2013
13D0938-16	MW-6A	Water	04/23/2013	04/25/2013
13D0938-17	MW-6D	Water	04/23/2013	04/25/2013
13D0938-18	MW-7A	Water	04/23/2013	04/25/2013
13D0938-19	MW-7D	Water	04/23/2013	04/25/2013
13D0938-20	FB-Field Blank	Water	04/23/2013	04/25/2013
13D0938-21	Trip Blanks	Water	04/23/2013	04/25/2013
13D0938-22	Field Duplicate	Water	04/23/2013	04/25/2013

General Notes for York Project (SDG) No.: 13D0938

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: 

Date: 05/22/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: **MW-1A** **York Sample ID:** **13D0938-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 5:30 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
67-64-1	**Acetone**	**2.5**	J	ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS

Sample Information

Client Sample ID: **MW-1A** **York Sample ID:** **13D0938-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 5:30 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
156-59-2	**cis-1,2-Dichloroethylene**	**40**		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
127-18-4	**Tetrachloroethylene**	**740**		ug/L	50	100	20	EPA SW846-8260B	04/26/2013 14:25	04/29/2013 17:46	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
79-01-6	**Trichloroethylene**	**300**		ug/L	50	100	20	EPA SW846-8260B	04/26/2013 14:25	04/29/2013 17:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/26/2013 23:29	SS

Sample Information

Client Sample ID: **MW-1A** **York Sample ID:** **13D0938-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 5:30 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*		*81.2-127*							

Sample Information

Client Sample ID: **MW-1B** **York Sample ID:** **13D0938-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 5:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS

Sample Information

Client Sample ID: MW-1B

York Sample ID: 13D0938-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 5:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

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	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-09-2	**Methylene chloride**	**2.6**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS

Sample Information

Client Sample ID: **MW-1B** **York Sample ID:** **13D0938-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 5:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
127-18-4	**Tetrachloroethylene**	**18**		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
79-01-6	**Trichloroethylene**	**4.0**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 18:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.8 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-1C** **York Sample ID:** **13D0938-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:45 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS

Sample Information

Client Sample ID: MW-1C

York Sample ID: 13D0938-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:45 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS

Sample Information

Client Sample ID: **MW-1C** **York Sample ID:** **13D0938-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:45 pm	04/25/2013

Volatile Organics, 8260 List

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
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-09-2	**Methylene chloride**	**5.2**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 11:17	04/29/2013 19:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*121 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.2 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **13D0938-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Notes:

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **13D0938-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:10 pm	04/25/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
67-64-1	**Acetone**	**15**		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS

Sample Information

Client Sample ID: MW-1D

York Sample ID: 13D0938-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 01:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72.6-129*

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **13D0938-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*98.7 %*			*81.2-127*						

Sample Information

Client Sample ID: **MW-2A** **York Sample ID:** **13D0938-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:50 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS

Sample Information

Client Sample ID: MW-2A

York Sample ID: 13D0938-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:50 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS

Sample Information

Client Sample ID: **MW-2A** **York Sample ID:** **13D0938-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:50 pm	04/25/2013

Volatile Organics, 8260 List

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
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-2B** **York Sample ID:** **13D0938-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:23 pm	04/25/2013

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS

Sample Information

Client Sample ID: MW-2B

York Sample ID: 13D0938-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:23 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS

Sample Information

Client Sample ID: **MW-2B** **York Sample ID:** **13D0938-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:23 pm	04/25/2013

Volatile Organics, 8260 List

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
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 02:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-2C** **York Sample ID:** **13D0938-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:45 pm	04/25/2013

Volatile Organics, 8260 List

Sample Notes:

Sample Information

Client Sample ID: MW-2C

York Sample ID: 13D0938-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:45 pm	04/25/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS

Sample Information

Client Sample ID: MW-2C

York Sample ID: 13D0938-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:45 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 03:23	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*

Sample Information

Client Sample ID: MW-2C **York Sample ID:** 13D0938-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 6:45 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*96.7 %*			*81.2-127*						

Sample Information

Client Sample ID: MW-3A **York Sample ID:** 13D0938-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS

Sample Information

Client Sample ID: MW-3A

York Sample ID: 13D0938-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS

Sample Information

Client Sample ID: **MW-3A** **York Sample ID:** **13D0938-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 4:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-3B** **York Sample ID:** **13D0938-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:50 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS

Sample Information

Client Sample ID: MW-3B

York Sample ID: 13D0938-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:50 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS

Sample Information

Client Sample ID: **MW-3B** **York Sample ID:** **13D0938-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:50 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 04:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-3C** **York Sample ID:** **13D0938-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Notes:

Sample Information

Client Sample ID: MW-3C **York Sample ID:** 13D0938-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:10 pm	04/25/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS

Sample Information

Client Sample ID: MW-3C **York Sample ID:** 13D0938-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:20	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72.6-129*

Sample Information

Client Sample ID: MW-3C **York Sample ID:** 13D0938-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:10 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*96.8 %*			*81.2-127*						

Sample Information

Client Sample ID: MW-4A **York Sample ID:** 13D0938-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 8:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS

Sample Information

Client Sample ID: MW-4A

York Sample ID: 13D0938-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 8:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS

Sample Information

Client Sample ID: **MW-4A** **York Sample ID:** **13D0938-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 8:00 pm	04/25/2013

Volatile Organics, 8260 List

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
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
127-18-4	**Tetrachloroethylene**	**23**		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 05:59	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.5 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-4B** **York Sample ID:** **13D0938-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 7:45 pm	04/25/2013

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
71-55-6	**1,1,1-Trichloroethane**	**3.7**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS

Sample Information

Client Sample ID: **MW-4B** **York Sample ID:** **13D0938-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 7:45 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
156-59-2	**cis-1,2-Dichloroethylene**	**18**		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS

Sample Information

Client Sample ID: **MW-4B** **York Sample ID:** **13D0938-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 7:45 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
127-18-4	**Tetrachloroethylene**	**67**		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
79-01-6	**Trichloroethylene**	**28**		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 06:39	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.5 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-4C** **York Sample ID:** **13D0938-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 7:35 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-4C

York Sample ID: 13D0938-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 7:35 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS

Sample Information

Client Sample ID: MW-4C

York Sample ID: 13D0938-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 7:35 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:18	SS

Sample Information

Client Sample ID: **MW-4C** **York Sample ID:** **13D0938-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 7:35 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.8 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*97.6 %*			*81.2-127*						

Sample Information

Client Sample ID: **MW-5A** **York Sample ID:** **13D0938-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 9:15 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS

Sample Information

Client Sample ID: MW-5A

York Sample ID: 13D0938-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 9:15 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

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	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS

Sample Information

Client Sample ID: **MW-5A** **York Sample ID:** **13D0938-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 9:15 am	04/25/2013

Volatile Organics, 8260 List

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
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
127-18-4	**Tetrachloroethylene**	**9.7**		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/26/2013 14:25	04/27/2013 07:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.5 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.3 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-5D** **York Sample ID:** **13D0938-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 10:15 am	04/25/2013

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS

Sample Information

Client Sample ID: MW-5D

York Sample ID: 13D0938-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 10:15 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
74-83-9	**Bromomethane**	**4.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS

Sample Information

Client Sample ID: **MW-5D** **York Sample ID:** **13D0938-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 10:15 am	04/25/2013

Volatile Organics, 8260 List

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
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-09-2	**Methylene chloride**	**5.2**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 12:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.2 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-6A** **York Sample ID:** **13D0938-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 11:15 am	04/25/2013

Volatile Organics, 8260 List

Sample Notes:

Sample Information

Client Sample ID: MW-6A

York Sample ID: 13D0938-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 11:15 am	04/25/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS

Sample Information

Client Sample ID: **MW-6A** **York Sample ID:** **13D0938-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 11:15 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
75-09-2	**Methylene chloride**	**4.1**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:17	SS
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*			*72.6-129*						

Sample Information

Client Sample ID: **MW-6A** **York Sample ID:** **13D0938-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 11:15 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*94.3 %*			*81.2-127*						

Sample Information

Client Sample ID: **MW-6D** **York Sample ID:** **13D0938-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 11:20 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS

Sample Information

Client Sample ID: MW-6D

York Sample ID: 13D0938-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 11:20 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-09-2	**Methylene chloride**	**3.4**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS

Sample Information

Client Sample ID: MW-6D **York Sample ID:** 13D0938-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 11:20 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 13:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*115 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.0 %*	*81.2-127*

Sample Information

Client Sample ID: MW-7A **York Sample ID:** 13D0938-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 12:20 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS

Sample Information

Client Sample ID: MW-7A

York Sample ID: 13D0938-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 12:20 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS

Sample Information

Client Sample ID: **MW-7A** **York Sample ID:** **13D0938-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 12:20 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-09-2	**Methylene chloride**	**3.3**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 14:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-7D** **York Sample ID:** **13D0938-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 12:15 pm	04/25/2013

Volatile Organics, 8260 List

Sample Notes:

Sample Information

Client Sample ID: MW-7D

York Sample ID: 13D0938-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 12:15 pm	04/25/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
74-83-9	**Bromomethane**	**2.5**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS

Sample Information

Client Sample ID: **MW-7D** **York Sample ID:** **13D0938-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 12:15 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
75-09-2	**Methylene chloride**	**3.8**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:13	SS
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*115 %*			*72.6-129*						

Sample Information

Client Sample ID: **MW-7D** **York Sample ID:** **13D0938-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 12:15 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*94.8 %*			*81.2-127*						

Sample Information

Client Sample ID: **FB-Field Blank** **York Sample ID:** **13D0938-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 9:00 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS

Sample Information

Client Sample ID: **FB-Field Blank** **York Sample ID:** **13D0938-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 9:00 am	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-09-2	**Methylene chloride**	**5.6**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS

Sample Information

Client Sample ID: **FB-Field Blank** **York Sample ID:** **13D0938-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 9:00 am	04/25/2013

Volatile Organics, 8260 List

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
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 15:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.5 %*	*81.2-127*

Sample Information

Client Sample ID: **Trip Blanks** **York Sample ID:** **13D0938-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:00 pm	04/25/2013

Volatile Organics, 8260 List

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS

Sample Information

Client Sample ID: **Trip Blanks** **York Sample ID:** **13D0938-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS

Sample Information

Client Sample ID: **Trip Blanks** **York Sample ID:** **13D0938-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-09-2	**Methylene chloride**	**5.8**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 16:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*115 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*81.2-127*

Sample Information

Client Sample ID: **Field Duplicate** **York Sample ID:** **13D0938-22**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Notes:

Sample Information

Client Sample ID: **Field Duplicate** **York Sample ID:** **13D0938-22**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:00 pm	04/25/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
78-93-3	2-Butanone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
67-64-1	Acetone	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS

Sample Information

Client Sample ID: **Field Duplicate** **York Sample ID:** **13D0938-22**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:00 pm	04/25/2013

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
75-09-2	**Methylene chloride**	**5.2**	J, B	ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	10	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	2.5	15	1	EPA SW846-8260B	04/29/2013 10:36	04/29/2013 17:08	SS
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*118 %*			*72.6-129*						

Sample Information

Client Sample ID: **Field Duplicate** **York Sample ID:** **13D0938-22**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0938	Deluxe	Water	April 23, 2013 3:00 pm	04/25/2013

Volatile Organics, 8260 List

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
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*97.0 %*			*81.2-127*						

Case Narrative

Client: Leggette Brashears & Graham White Plains Office
Client Project ID: Deluxe
Prepared for: Jorma Weber

Introduction

This Case Narrative applies only to the following samples submitted to our laboratory on **4/25/2013 3:35:00 PM** :

FB-Field Blank	Water
Field Duplicate	Water
MW-1A	Water
MW-1B	Water
MW-1C	Water
MW-1D	Water
MW-2A	Water
MW-2B	Water
MW-2C	Water
MW-3A	Water
MW-3B	Water
MW-3C	Water
MW-4A	Water
MW-4B	Water
MW-4C	Water
MW-5A	Water
MW-5D	Water
MW-6A	Water
MW-6D	Water
MW-7A	Water
MW-7D	Water
Trip Blanks	Water

The 22 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, the temperature of the cooler was determined. The cooler temperature(s) was acceptable (2-6oC) and measured at time of receipt in Cooler 1 @ 4.0 C as measured by a NIST traceable digital infrared thermometer. Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

All preparation and analyses were conducted according to the methods referenced in the body of the lab report.

Sample and Analysis Qualifiers

FB-Field Blank	Water	No qualifiers for all.
Field Duplicate	Water	
MW-1A	Water	

MW-1B	Water
MW-1C	Water
MW-1D	Water
MW-2A	Water
MW-2B	Water
MW-2C	Water
MW-3A	Water
MW-3B	Water
MW-3C	Water
MW-4A	Water
MW-4B	Water
MW-4C	Water
MW-5A	Water
MW-5D	Water
MW-6A	Water
MW-6D	Water
MW-7A	Water
MW-7D	Water
Trip Blanks	Water

Analysis Issues (Calibration, Others)

No problems encountered.

York Project/SDG no.: 13D0938 Statement

We certify that these data are in compliance with SOP requirements both technically and for completeness for other than the conditions stated above. Release of the data contained in the hard copy report and any electronic deliverables has been authorized by the Laboratory Manager as verified by the signature on this laboratory report.

Approved by: *Ben Gulizia*
Laboratory Director

May 21, 20132

York Analytical Laboratories, Inc.

Formulae Used for Sample Calculations

VOLATILE ORGANICS

1. Volatiles in Air-ppbv

Cx (ppbv) = Compound concentration, ppbv (parts per billion by volume)

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m3

Cx (ug/m3)= Compound concentration in ug/m3

$$Cx\ (ug/m3) = \frac{(ppbv \times Molecular\ wt.)}{(24.040)}$$

3. Volatile Organics (water and soil), ug/L or ug/kG

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%solids)}$$

5. Pesticides/PCB (waters and soils), DRO, CTETPH

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%solids)}$$

WHERE:

Cx = concentration of analyte as ug/L or ug/kG
Ax = Area of the characteristic ion for the compound to be measured, counts.
Ais = Area of the characteristic ion for the specific internal standard, counts.
IS = Concentration of the internal standard spiking mixture, ng
RRF= Mean relative response factor from the initial calibration.
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V= Volume for liquids in ml, weight for soils/solids in grams.
VA= volume of MeOH aliquot for medium level soils
VE= final volume of concentrated extract
VT= volume of MeOH for volatiles medium level soils
CF= calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BD31300 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
13D0938-01	MW-1A	04/26/13
13D0938-04	MW-1D	04/26/13
13D0938-05	MW-2A	04/26/13
13D0938-06	MW-2B	04/26/13
13D0938-07	MW-2C	04/26/13
13D0938-08	MW-3A	04/26/13
13D0938-09	MW-3B	04/26/13
13D0938-10	MW-3C	04/26/13
13D0938-11	MW-4A	04/26/13
13D0938-12	MW-4B	04/26/13
13D0938-13	MW-4C	04/26/13
13D0938-14	MW-5A	04/26/13
BD31300-BLK1	Blank	04/26/13
BD31300-BS1	LCS	04/26/13
BD31300-BSD1	LCS Dup	04/26/13
BD31300-MS1	Matrix Spike	04/26/13

Batch ID: BD31338 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13D0938-01RE1	MW-1A	04/29/13
13D0938-02	MW-1B	04/29/13
13D0938-03	MW-1C	04/29/13
13D0938-15	MW-5D	04/29/13
13D0938-16	MW-6A	04/29/13
13D0938-17	MW-6D	04/29/13
13D0938-18	MW-7A	04/29/13
13D0938-19	MW-7D	04/29/13
13D0938-20	FB-Field Blank	04/29/13
13D0938-21	Trip Blanks	04/29/13
13D0938-22	Field Duplicate	04/29/13
BD31338-BLK1	Blank	04/29/13
BD31338-BS1	LCS	04/29/13
BD31338-MS1	Matrix Spike	04/29/13
BD31338-MSD1	Matrix Spike Dup	04/29/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31300 - EPA 5030B											
Blank (BD31300-BLK1)									Prepared & Analyzed: 04/26/2013		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31300 - EPA 5030B											
Blank (BD31300-BLK1)								Prepared & Analyzed: 04/26/2013			
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	10	"								
Surrogate: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.3*	*81.2-127*				
LCS (BD31300-BS1)								Prepared & Analyzed: 04/26/2013			
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		91.4	82.3-130				
1,1,1-Trichloroethane	52		"	50.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	43		"	50.0		86.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	71.1-129				
1,1,2-Trichloroethane	44		"	50.0		87.4	74.5-129				
1,1-Dichloroethane	59		"	50.0		118	79.6-132				
1,1-Dichloroethylene	48		"	50.0		95.2	80.2-146				
1,1-Dichloropropylene	49		"	50.0		98.6	75-136				
1,2,3-Trichlorobenzene	43		"	50.0		86.1	66.1-136				
1,2,3-Trichloropropane	46		"	50.0		91.6	63-131				
1,2,4-Trichlorobenzene	42		"	50.0		84.4	70.6-136				
1,2,4-Trimethylbenzene	43		"	50.0		85.5	75.3-135				
1,2-Dibromo-3-chloropropane	50		"	50.0		101	58.9-140				
1,2-Dibromoethane	46		"	50.0		91.3	79-130				
1,2-Dichlorobenzene	42		"	50.0		85.0	76.1-122				
1,2-Dichloroethane	52		"	50.0		104	74.6-132				
1,2-Dichloropropane	46		"	50.0		92.2	76.9-129				
1,3,5-Trimethylbenzene	43		"	50.0		86.8	70.6-127				
1,3-Dichlorobenzene	44		"	50.0		87.4	77-124				
1,3-Dichloropropane	44		"	50.0		88.9	75.8-126				
1,4-Dichlorobenzene	43		"	50.0		85.9	76.6-125				
2,2-Dichloropropane	52		"	50.0		104	69-133				
2-Butanone	53		"	50.0		106	70-130				
2-Chlorotoluene	43		"	50.0		86.4	66.3-119				
4-Chlorotoluene	44		"	50.0		87.2	69.2-127				
Acetone	41		"	50.0		82.2	70-130				
Benzene	52		"	50.0		104	76.2-129				
Bromobenzene	43		"	50.0		86.6	71.3-123				
Bromochloromethane	56		"	50.0		113	70.8-137				
Bromodichloromethane	46		"	50.0		92.4	79.7-134				
Bromoform	47		"	50.0		93.8	70.5-141				
Bromomethane	46		"	50.0		91.9	43.9-147				
Carbon tetrachloride	52		"	50.0		104	78.1-138				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31300 - EPA 5030B											
LCS (BD31300-BS1)							Prepared & Analyzed: 04/26/2013				
Chlorobenzene	46		ug/L	50.0		91.8	80.4-125				
Chloroethane	51		"	50.0		102	55.8-140				
Chloroform	50		"	50.0		100	76.6-133				
Chloromethane	40		"	50.0		79.2	48.8-115				
cis-1,2-Dichloroethylene	54		"	50.0		108	75.1-128				
cis-1,3-Dichloropropylene	47		"	50.0		94.5	74.5-128				
Dibromochloromethane	49		"	50.0		97.3	79.8-134				
Dibromomethane	56		"	50.0		112	79-130				
Dichlorodifluoromethane	52		"	50.0		104	47.1-101	High Bias			
Ethyl Benzene	46		"	50.0		93.0	80.8-128				
Hexachlorobutadiene	44		"	50.0		87.5	64.8-128				
Isopropylbenzene	44		"	50.0		88.8	75.5-135				
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	65.1-140				
Methylene chloride	41		"	50.0		81.8	61.3-120				
Naphthalene	44		"	50.0		88.4	62.3-148				
n-Butylbenzene	40		"	50.0		80.7	67.2-123				
n-Propylbenzene	44		"	50.0		87.6	70.5-127				
o-Xylene	45		"	50.0		89.3	75.9-122				
p- & m- Xylenes	92		"	100		92.4	77.7-127				
p-Isopropyltoluene	44		"	50.0		87.7	75.6-129				
sec-Butylbenzene	45		"	50.0		89.5	71.5-125				
Styrene	47		"	50.0		93.4	77.8-123				
tert-Butylbenzene	44		"	50.0		88.1	75.9-151				
Tetrachloroethylene	48		"	50.0		95.7	63.6-167				
Toluene	46		"	50.0		92.4	77-123				
trans-1,2-Dichloroethylene	56		"	50.0		112	76.3-139				
trans-1,3-Dichloropropylene	46		"	50.0		92.4	72.5-137				
Trichloroethylene	46		"	50.0		91.0	77.9-130				
Trichlorofluoromethane	47		"	50.0		93.8	57.4-133				
Vinyl Chloride	48		"	50.0		96.1	54.9-124				
Vinyl acetate	47		"	50.0		93.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.3*	*63.5-145*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31300 - EPA 5030B											
LCS Dup (BD31300-BSD1)							Prepared & Analyzed: 04/26/2013				
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		93.7	82.3-130		2.49	21.1	
1,1,1-Trichloroethane	52		"	50.0		103	75.6-137		0.828	19.7	
1,1,2,2-Tetrachloroethane	43		"	50.0		86.2	71.3-131		0.139	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.1	71.1-129		4.30	21.7	
1,1,2-Trichloroethane	46		"	50.0		91.2	74.5-129		4.23	20.3	
1,1-Dichloroethane	58		"	50.0		117	79.6-132		1.55	20.6	
1,1-Dichloroethylene	46		"	50.0		92.5	80.2-146		2.90	20	
1,1-Dichloropropylene	49		"	50.0		97.5	75-136		1.14	19.3	
1,2,3-Trichlorobenzene	41		"	50.0		81.7	66.1-136		5.22	21.6	
1,2,3-Trichloropropane	45		"	50.0		90.3	63-131		1.43	23.9	
1,2,4-Trichlorobenzene	40		"	50.0		79.9	70.6-136		5.58	21.7	
1,2,4-Trimethylbenzene	42		"	50.0		84.2	75.3-135		1.51	18.8	
1,2-Dibromo-3-chloropropane	54		"	50.0		107	58.9-140		6.13	27.7	
1,2-Dibromoethane	46		"	50.0		91.3	79-130		0.0438	23	
1,2-Dichlorobenzene	43		"	50.0		85.4	76.1-122		0.446	19.8	
1,2-Dichloroethane	51		"	50.0		103	74.6-132		1.39	20.2	
1,2-Dichloropropane	47		"	50.0		93.6	76.9-129		1.46	20.7	
1,3,5-Trimethylbenzene	44		"	50.0		87.2	70.6-127		0.437	18.9	
1,3-Dichlorobenzene	43		"	50.0		85.2	77-124		2.50	19.2	
1,3-Dichloropropane	46		"	50.0		91.4	75.8-126		2.73	22.1	
1,4-Dichlorobenzene	42		"	50.0		84.9	76.6-125		1.26	18.6	
2,2-Dichloropropane	52		"	50.0		104	69-133		0.846	19.8	
2-Butanone	53		"	50.0		107	70-130		0.263	30	
2-Chlorotoluene	43		"	50.0		85.1	66.3-119		1.49	21.6	
4-Chlorotoluene	43		"	50.0		86.7	69.2-127		0.552	19	
Acetone	37		"	50.0		74.3	70-130		10.1	30	
Benzene	51		"	50.0		103	76.2-129		0.775	19	
Bromobenzene	44		"	50.0		87.5	71.3-123		1.03	20.3	
Bromochloromethane	55		"	50.0		109	70.8-137		2.85	23.9	
Bromodichloromethane	47		"	50.0		94.8	79.7-134		2.65	21	
Bromoform	47		"	50.0		94.0	70.5-141		0.234	21.8	
Bromomethane	47		"	50.0		94.2	43.9-147		2.43	28.4	
Carbon tetrachloride	50		"	50.0		101	78.1-138		2.74	20.1	
Chlorobenzene	47		"	50.0		93.3	80.4-125		1.71	19.9	
Chloroethane	49		"	50.0		98.8	55.8-140		2.85	23.3	
Chloroform	51		"	50.0		102	76.6-133		1.56	20.3	
Chloromethane	38		"	50.0		76.6	48.8-115		3.31	24.5	
cis-1,2-Dichloroethylene	53		"	50.0		105	75.1-128		2.01	20.5	
cis-1,3-Dichloropropylene	46		"	50.0		92.1	74.5-128		2.49	19.9	
Dibromochloromethane	51		"	50.0		101	79.8-134		4.01	21.3	
Dibromomethane	55		"	50.0		111	79-130		0.954	22.4	
Dichlorodifluoromethane	51		"	50.0		103	47.1-101	High Bias	1.45	23.9	
Ethyl Benzene	46		"	50.0		92.3	80.8-128		0.669	19.2	
Hexachlorobutadiene	42		"	50.0		83.8	64.8-128		4.34	20.6	
Isopropylbenzene	44		"	50.0		88.2	75.5-135		0.723	20	
Methyl tert-butyl ether (MTBE)	57		"	50.0		113	65.1-140		2.62	23.6	
Methylene chloride	40		"	50.0		80.0	61.3-120		2.25	20.4	
Naphthalene	44		"	50.0		87.3	62.3-148		1.16	27.1	
n-Butylbenzene	40		"	50.0		79.6	67.2-123		1.42	19.1	
n-Propylbenzene	43		"	50.0		86.2	70.5-127		1.59	23.4	
o-Xylene	45		"	50.0		90.8	75.9-122		1.67	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31300 - EPA 5030B											
LCS Dup (BD31300-BSD1)								Prepared & Analyzed: 04/26/2013			
p- & m- Xylenes	91		ug/L	100		91.5	77.7-127		1.01	18.6	
p-Isopropyltoluene	43		"	50.0		86.0	75.6-129		1.93	19.1	
sec-Butylbenzene	44		"	50.0		88.6	71.5-125		0.943	18.9	
Styrene	47		"	50.0		94.0	77.8-123		0.726	20.9	
tert-Butylbenzene	44		"	50.0		88.0	75.9-151		0.204	20.9	
Tetrachloroethylene	48		"	50.0		95.3	63.6-167		0.503	27.7	
Toluene	47		"	50.0		93.1	77-123		0.755	18.7	
trans-1,2-Dichloroethylene	54		"	50.0		108	76.3-139		3.94	19.5	
trans-1,3-Dichloropropylene	46		"	50.0		91.7	72.5-137		0.804	19.3	
Trichloroethylene	45		"	50.0		90.8	77.9-130		0.264	20.5	
Trichlorofluoromethane	46		"	50.0		91.2	57.4-133		2.90	21.4	
Vinyl Chloride	46		"	50.0		92.3	54.9-124		4.10	22.3	
Vinyl acetate	47		"	50.0		94.9	70-130		1.10	30	
Surrogate: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*81.2-127*				
Matrix Spike (BD31300-MS1)	*Source sample: 13D0938-02 (MW-1B)							Prepared: 04/26/2013 Analyzed: 04/27/2013			
1,1,1,2-Tetrachloroethane	48		ug/L	50.0	ND	96.3	82-138				
1,1,1-Trichloroethane	58		"	50.0	0.98	114	85.7-133				
1,1,2,2-Tetrachloroethane	48		"	50.0	ND	96.3	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0	ND	106	74.8-131				
1,1,2-Trichloroethane	46		"	50.0	ND	92.5	82.5-129				
1,1-Dichloroethane	60		"	50.0	ND	119	81.4-137				
1,1-Dichloroethylene	51		"	50.0	ND	102	90-138				
1,1-Dichloropropylene	51		"	50.0	ND	103	91.7-131				
1,2,3-Trichlorobenzene	42		"	50.0	ND	84.8	75.9-130				
1,2,3-Trichloropropane	49		"	50.0	ND	97.6	77.1-140				
1,2,4-Trichlorobenzene	39		"	50.0	ND	78.6	69.8-135				
1,2,4-Trimethylbenzene	42		"	50.0	ND	84.9	79.4-131				
1,2-Dibromo-3-chloropropane	53		"	50.0	ND	106	66.6-143				
1,2-Dibromoethane	49		"	50.0	ND	97.6	79.8-136				
1,2-Dichlorobenzene	44		"	50.0	ND	88.1	79.9-130				
1,2-Dichloroethane	58		"	50.0	ND	116	85-133				
1,2-Dichloropropane	45		"	50.0	ND	90.4	81.1-132				
1,3,5-Trimethylbenzene	44		"	50.0	ND	87.8	76.1-121				
1,3-Dichlorobenzene	43		"	50.0	ND	86.8	79.1-124				
1,3-Dichloropropane	48		"	50.0	ND	95.2	83.3-130				
1,4-Dichlorobenzene	42		"	50.0	ND	84.3	79.4-128				
2,2-Dichloropropane	49		"	50.0	ND	97.6	54.2-126				
2-Butanone	58		"	50.0	ND	116	70-130				
2-Chlorotoluene	44		"	50.0	ND	87.7	60.2-144				
4-Chlorotoluene	44		"	50.0	ND	88.4	79.8-128				
Acetone	43		"	50.0	ND	86.6	70-130				
Benzene	51		"	50.0	ND	102	74.1-134				
Bromobenzene	45		"	50.0	ND	89.6	76.6-125				
Bromochloromethane	58		"	50.0	ND	116	85-133				
Bromodichloromethane	50		"	50.0	ND	99.3	80.8-143				
Bromoform	52		"	50.0	ND	103	65.8-164				
Bromomethane	42		"	50.0	ND	84.2	68.7-112				
Carbon tetrachloride	55		"	50.0	ND	111	85.7-138				
Chlorobenzene	47		"	50.0	ND	94.4	79.9-129				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31300 - EPA 5030B											
Matrix Spike (BD31300-MS1)	*Source sample: 13D0938-02 (MW-1B)							Prepared: 04/26/2013 Analyzed: 04/27/2013			
Chloroethane	51		ug/L	50.0	ND	102	74.7-127				
Chloroform	54		"	50.0	ND	107	50.6-145				
Chloromethane	37		"	50.0	ND	74.8	64-111				
cis-1,2-Dichloroethylene	56		"	50.0	1.2	109	75.5-129				
cis-1,3-Dichloropropylene	46		"	50.0	ND	91.8	74.3-128				
Dibromochloromethane	52		"	50.0	ND	104	76.8-150				
Dibromomethane	60		"	50.0	ND	120	83.3-140				
Dichlorodifluoromethane	54		"	50.0	ND	107	51-100	High Bias			
Ethyl Benzene	47		"	50.0	ND	94.6	82.9-127				
Hexachlorobutadiene	44		"	50.0	ND	87.0	73-128				
Isopropylbenzene	45		"	50.0	ND	90.9	78.7-131				
Methyl tert-butyl ether (MTBE)	55		"	50.0	ND	110	81.2-134				
Methylene chloride	43		"	50.0	2.6	81.3	57.8-103				
Naphthalene	44		"	50.0	ND	87.7	80.1-122				
n-Butylbenzene	40		"	50.0	ND	79.6	72.4-120				
n-Propylbenzene	44		"	50.0	ND	87.9	74-130				
o-Xylene	46		"	50.0	ND	92.2	78.8-122				
p- & m- Xylenes	94		"	100	ND	93.9	82.5-123				
p-Isopropyltoluene	44		"	50.0	ND	89.0	64.9-132				
sec-Butylbenzene	45		"	50.0	ND	89.6	25.4-151				
Styrene	46		"	50.0	ND	92.4	74.1-134				
tert-Butylbenzene	46		"	50.0	ND	91.4	79.5-171				
Tetrachloroethylene	59		"	50.0	18	83.1	72.5-130				
Toluene	46		"	50.0	ND	92.6	77.8-121				
trans-1,2-Dichloroethylene	50		"	50.0	ND	101	83.8-140				
trans-1,3-Dichloropropylene	46		"	50.0	ND	91.5	74.9-136				
Trichloroethylene	51		"	50.0	4.0	94.6	84.4-125				
Trichlorofluoromethane	51		"	50.0	ND	102	78.7-127				
Vinyl Chloride	49		"	50.0	ND	98.8	72.1-116				
Vinyl acetate	41		"	50.0	ND	82.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*57.9*		*"*	*50.0*		*116*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31338 - EPA 5030B											
Blank (BD31338-BLK1)											Prepared & Analyzed: 04/29/2013
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	4.3	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31338 - EPA 5030B											
Blank (BD31338-BLK1)								Prepared & Analyzed: 04/29/2013			
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	10	"								
Surrogate: 1,2-Dichloroethane-d4	*56.1*		*"*	*50.0*		*112*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*63.5-145*				
Surrogate: Toluene-d8	*47.2*		*"*	*50.0*		*94.4*	*81.2-127*				
LCS (BD31338-BS1)								Prepared & Analyzed: 04/29/2013			
1,1,1,2-Tetrachloroethane	48		ug/L	50.0		96.7	82.3-130				
1,1,1-Trichloroethane	55		"	50.0		110	75.6-137				
1,1,2,2-Tetrachloroethane	42		"	50.0		83.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	71.1-129				
1,1,2-Trichloroethane	44		"	50.0		87.9	74.5-129				
1,1-Dichloroethane	59		"	50.0		118	79.6-132				
1,1-Dichloroethylene	50		"	50.0		99.7	80.2-146				
1,1-Dichloropropylene	50		"	50.0		100	75-136				
1,2,3-Trichlorobenzene	44		"	50.0		88.5	66.1-136				
1,2,3-Trichloropropane	43		"	50.0		86.5	63-131				
1,2,4-Trichlorobenzene	44		"	50.0		88.7	70.6-136				
1,2,4-Trimethylbenzene	44		"	50.0		87.8	75.3-135				
1,2-Dibromo-3-chloropropane	50		"	50.0		100	58.9-140				
1,2-Dibromoethane	46		"	50.0		92.5	79-130				
1,2-Dichlorobenzene	44		"	50.0		88.2	76.1-122				
1,2-Dichloroethane	55		"	50.0		110	74.6-132				
1,2-Dichloropropane	45		"	50.0		90.9	76.9-129				
1,3,5-Trimethylbenzene	45		"	50.0		90.6	70.6-127				
1,3-Dichlorobenzene	45		"	50.0		91.0	77-124				
1,3-Dichloropropane	44		"	50.0		88.0	75.8-126				
1,4-Dichlorobenzene	45		"	50.0		89.8	76.6-125				
2,2-Dichloropropane	57		"	50.0		114	69-133				
2-Butanone	56		"	50.0		112	70-130				
2-Chlorotoluene	43		"	50.0		86.3	66.3-119				
4-Chlorotoluene	45		"	50.0		90.0	69.2-127				
Acetone	41		"	50.0		81.1	70-130				
Benzene	51		"	50.0		102	76.2-129				
Bromobenzene	43		"	50.0		86.2	71.3-123				
Bromochloromethane	57		"	50.0		113	70.8-137				
Bromodichloromethane	47		"	50.0		94.0	79.7-134				
Bromoform	49		"	50.0		98.5	70.5-141				
Bromomethane	49		"	50.0		98.9	43.9-147				
Carbon tetrachloride	55		"	50.0		110	78.1-138				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31338 - EPA 5030B											
LCS (BD31338-BS1)							Prepared & Analyzed: 04/29/2013				
Chlorobenzene	48		ug/L	50.0		95.3	80.4-125				
Chloroethane	51		"	50.0		102	55.8-140				
Chloroform	52		"	50.0		105	76.6-133				
Chloromethane	39		"	50.0		77.7	48.8-115				
cis-1,2-Dichloroethylene	54		"	50.0		108	75.1-128				
cis-1,3-Dichloropropylene	47		"	50.0		93.6	74.5-128				
Dibromochloromethane	51		"	50.0		102	79.8-134				
Dibromomethane	56		"	50.0		111	79-130				
Dichlorodifluoromethane	51		"	50.0		103	47.1-101	High Bias			
Ethyl Benzene	47		"	50.0		94.0	80.8-128				
Hexachlorobutadiene	45		"	50.0		90.8	64.8-128				
Isopropylbenzene	45		"	50.0		89.7	75.5-135				
Methyl tert-butyl ether (MTBE)	58		"	50.0		115	65.1-140				
Methylene chloride	43		"	50.0		85.7	61.3-120				
Naphthalene	43		"	50.0		86.8	62.3-148				
n-Butylbenzene	42		"	50.0		83.5	67.2-123				
n-Propylbenzene	44		"	50.0		87.1	70.5-127				
o-Xylene	46		"	50.0		91.5	75.9-122				
p- & m- Xylenes	94		"	100		93.7	77.7-127				
p-Isopropyltoluene	46		"	50.0		91.2	75.6-129				
sec-Butylbenzene	45		"	50.0		89.2	71.5-125				
Styrene	48		"	50.0		95.6	77.8-123				
tert-Butylbenzene	45		"	50.0		90.7	75.9-151				
Tetrachloroethylene	46		"	50.0		92.4	63.6-167				
Toluene	45		"	50.0		90.6	77-123				
trans-1,2-Dichloroethylene	55		"	50.0		110	76.3-139				
trans-1,3-Dichloropropylene	48		"	50.0		95.4	72.5-137				
Trichloroethylene	47		"	50.0		93.3	77.9-130				
Trichlorofluoromethane	50		"	50.0		99.8	57.4-133				
Vinyl Chloride	46		"	50.0		92.8	54.9-124				
Vinyl acetate	48		"	50.0		95.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	*56.3*		*"*	*50.0*		*113*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*47.1*		*"*	*50.0*		*94.2*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31338 - EPA 5030B											
Matrix Spike (BD31338-MS1)	*Source sample: 13D0938-15 (MW-5D)							Prepared & Analyzed: 04/29/2013			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0	ND	94.6	82-138				
1,1,1-Trichloroethane	54		"	50.0	ND	107	85.7-133				
1,1,2,2-Tetrachloroethane	38		"	50.0	ND	76.9	78.6-136	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0	ND	98.6	74.8-131				
1,1,2-Trichloroethane	42		"	50.0	ND	84.4	82.5-129				
1,1-Dichloroethane	47		"	50.0	ND	94.0	81.4-137				
1,1-Dichloroethylene	48		"	50.0	ND	95.6	90-138				
1,1-Dichloropropylene	47		"	50.0	ND	94.1	91.7-131				
1,2,3-Trichlorobenzene	40		"	50.0	ND	80.5	75.9-130				
1,2,3-Trichloropropane	40		"	50.0	ND	79.5	77.1-140				
1,2,4-Trichlorobenzene	40		"	50.0	ND	79.6	69.8-135				
1,2,4-Trimethylbenzene	40		"	50.0	ND	80.8	79.4-131				
1,2-Dibromo-3-chloropropane	45		"	50.0	ND	89.8	66.6-143				
1,2-Dibromoethane	45		"	50.0	ND	90.6	79.8-136				
1,2-Dichlorobenzene	40		"	50.0	ND	80.5	79.9-130				
1,2-Dichloroethane	53		"	50.0	ND	106	85-133				
1,2-Dichloropropane	42		"	50.0	ND	84.4	81.1-132				
1,3,5-Trimethylbenzene	42		"	50.0	ND	83.3	76.1-121				
1,3-Dichlorobenzene	41		"	50.0	ND	81.3	79.1-124				
1,3-Dichloropropane	43		"	50.0	ND	85.2	83.3-130				
1,4-Dichlorobenzene	40		"	50.0	ND	79.1	79.4-128	Low Bias			
2,2-Dichloropropane	52		"	50.0	ND	103	54.2-126				
2-Butanone	46		"	50.0	ND	92.6	70-130				
2-Chlorotoluene	41		"	50.0	ND	82.3	60.2-144				
4-Chlorotoluene	42		"	50.0	ND	83.9	79.8-128				
Acetone	33		"	50.0	ND	66.6	70-130	Low Bias			
Benzene	46		"	50.0	ND	92.8	74.1-134				
Bromobenzene	39		"	50.0	ND	78.8	76.6-125				
Bromochloromethane	52		"	50.0	ND	104	85-133				
Bromodichloromethane	48		"	50.0	ND	95.4	80.8-143				
Bromoform	44		"	50.0	ND	87.2	65.8-164				
Bromomethane	37		"	50.0	4.9	64.6	68.7-112	Low Bias			
Carbon tetrachloride	51		"	50.0	ND	102	85.7-138				
Chlorobenzene	45		"	50.0	ND	90.6	79.9-129				
Chloroethane	41		"	50.0	ND	81.6	74.7-127				
Chloroform	52		"	50.0	ND	104	50.6-145				
Chloromethane	26		"	50.0	ND	51.6	64-111	Low Bias			
cis-1,2-Dichloroethylene	49		"	50.0	ND	97.8	75.5-129				
cis-1,3-Dichloropropylene	45		"	50.0	ND	90.5	74.3-128				
Dibromochloromethane	48		"	50.0	ND	95.9	76.8-150				
Dibromomethane	56		"	50.0	ND	112	83.3-140				
Dichlorodifluoromethane	26		"	50.0	ND	52.5	51-100				
Ethyl Benzene	46		"	50.0	ND	92.1	82.9-127				
Hexachlorobutadiene	43		"	50.0	ND	85.2	73-128				
Isopropylbenzene	42		"	50.0	ND	83.2	78.7-131				
Methyl tert-butyl ether (MTBE)	47		"	50.0	ND	94.9	81.2-134				
Methylene chloride	40		"	50.0	5.2	70.3	57.8-103				
Naphthalene	37		"	50.0	ND	74.2	80.1-122	Low Bias			
n-Butylbenzene	39		"	50.0	ND	77.9	72.4-120				
n-Propylbenzene	41		"	50.0	ND	81.8	74-130				
o-Xylene	45		"	50.0	ND	90.4	78.8-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31338 - EPA 5030B											
Matrix Spike (BD31338-MS1)	*Source sample: 13D0938-15 (MW-5D)							Prepared & Analyzed: 04/29/2013			
p- & m- Xylenes	93		ug/L	100	ND	92.9	82.5-123				
p-Isopropyltoluene	42		"	50.0	ND	84.2	64.9-132				
sec-Butylbenzene	42		"	50.0	ND	84.0	25.4-151				
Styrene	46		"	50.0	ND	91.8	74.1-134				
tert-Butylbenzene	42		"	50.0	ND	84.1	79.5-171				
Tetrachloroethylene	44		"	50.0	ND	88.6	72.5-130				
Toluene	44		"	50.0	ND	88.5	77.8-121				
trans-1,2-Dichloroethylene	47		"	50.0	ND	94.7	83.8-140				
trans-1,3-Dichloropropylene	46		"	50.0	ND	91.2	74.9-136				
Trichloroethylene	45		"	50.0	ND	89.3	84.4-125				
Trichlorofluoromethane	49		"	50.0	ND	97.2	78.7-127				
Vinyl Chloride	33		"	50.0	ND	65.6	72.1-116	Low Bias			
Vinyl acetate	40		"	50.0	ND	80.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	*57.1*		*"*	*50.0*		*114*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*48.3*		*"*	*50.0*		*96.6*	*81.2-127*				
Matrix Spike Dup (BD31338-MSD1)	*Source sample: 13D0938-15 (MW-5D)							Prepared & Analyzed: 04/29/2013			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0	ND	93.1	82-138		1.64	21.3	
1,1,1-Trichloroethane	54		"	50.0	ND	108	85.7-133		1.04	22.6	
1,1,2,2-Tetrachloroethane	40		"	50.0	ND	80.6	78.6-136		4.62	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0	ND	98.4	74.8-131		0.183	25.6	
1,1,2-Trichloroethane	43		"	50.0	ND	85.4	82.5-129		1.23	19.3	
1,1-Dichloroethane	52		"	50.0	ND	104	81.4-137		10.4	20.7	
1,1-Dichloroethylene	47		"	50.0	ND	93.8	90-138		1.94	22.9	
1,1-Dichloropropylene	48		"	50.0	ND	96.5	91.7-131		2.52	24.9	
1,2,3-Trichlorobenzene	41		"	50.0	ND	82.7	75.9-130		2.77	21.4	
1,2,3-Trichloropropane	43		"	50.0	ND	86.8	77.1-140		8.85	28	
1,2,4-Trichlorobenzene	41		"	50.0	ND	82.2	69.8-135		3.21	22.5	
1,2,4-Trimethylbenzene	40		"	50.0	ND	79.8	79.4-131		1.30	33.9	
1,2-Dibromo-3-chloropropane	48		"	50.0	ND	96.0	66.6-143		6.70	23.3	
1,2-Dibromoethane	45		"	50.0	ND	90.4	79.8-136		0.177	19.1	
1,2-Dichlorobenzene	41		"	50.0	ND	81.5	79.9-130		1.26	23.2	
1,2-Dichloroethane	55		"	50.0	ND	111	85-133		4.67	19.1	
1,2-Dichloropropane	42		"	50.0	ND	84.7	81.1-132		0.307	19.9	
1,3,5-Trimethylbenzene	42		"	50.0	ND	83.0	76.1-121		0.337	31.2	
1,3-Dichlorobenzene	42		"	50.0	ND	83.1	79.1-124		2.29	22.6	
1,3-Dichloropropane	43		"	50.0	ND	86.5	83.3-130		1.54	20.9	
1,4-Dichlorobenzene	40		"	50.0	ND	79.9	79.4-128		1.06	21	
2,2-Dichloropropane	52		"	50.0	ND	104	54.2-126		0.290	24.5	
2-Butanone	52		"	50.0	ND	104	70-130		11.2	30	
2-Chlorotoluene	40		"	50.0	ND	80.9	60.2-144		1.79	30.8	
4-Chlorotoluene	42		"	50.0	ND	83.1	79.8-128		0.934	23.2	
Acetone	42		"	50.0	ND	84.3	70-130		23.4	30	
Benzene	48		"	50.0	ND	96.0	74.1-134		3.37	20.8	
Bromobenzene	41		"	50.0	ND	81.5	76.6-125		3.44	23	
Bromochloromethane	55		"	50.0	ND	110	85-133		4.88	18.4	
Bromodichloromethane	48		"	50.0	ND	96.3	80.8-143		0.897	18.1	
Bromoform	45		"	50.0	ND	90.7	65.8-164		3.94	27.3	
Bromomethane	40		"	50.0	4.9	69.4	68.7-112		7.17	22.8	
Carbon tetrachloride	52		"	50.0	ND	103	85.7-138		0.953	25.1	
Chlorobenzene	45		"	50.0	ND	90.5	79.9-129		0.110	21	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31338 - EPA 5030B											
Matrix Spike Dup (BD31338-MSD1)	*Source sample: 13D0938-15 (MW-5D)							Prepared & Analyzed: 04/29/2013			
Chloroethane	43		ug/L	50.0	ND	85.7	74.7-127		4.90	23.7	
Chloroform	54		"	50.0	ND	108	50.6-145		3.65	21.7	
Chloromethane	27		"	50.0	ND	54.9	64-111	Low Bias	6.31	21.4	
cis-1,2-Dichloroethylene	50		"	50.0	ND	100	75.5-129		2.70	20.2	
cis-1,3-Dichloropropylene	45		"	50.0	ND	90.3	74.3-128		0.243	19.8	
Dibromochloromethane	50		"	50.0	ND	99.3	76.8-150		3.42	20.8	
Dibromomethane	56		"	50.0	ND	113	83.3-140		0.517	20.4	
Dichlorodifluoromethane	27		"	50.0	ND	53.8	51-100		2.48	27.6	
Ethyl Benzene	46		"	50.0	ND	91.0	82.9-127		1.14	21.4	
Hexachlorobutadiene	43		"	50.0	ND	86.6	73-128		1.61	26	
Isopropylbenzene	42		"	50.0	ND	83.2	78.7-131		0.0481	26.7	
Methyl tert-butyl ether (MTBE)	53		"	50.0	ND	105	81.2-134		10.3	21.2	
Methylene chloride	43		"	50.0	5.2	75.3	57.8-103		6.86	21.2	
Naphthalene	40		"	50.0	ND	80.3	80.1-122		7.90	26.1	
n-Butylbenzene	38		"	50.0	ND	76.4	72.4-120		1.87	30.8	
n-Propylbenzene	40		"	50.0	ND	80.9	74-130		1.16	31	
o-Xylene	45		"	50.0	ND	90.3	78.8-122		0.133	21	
p- & m- Xylenes	92		"	100	ND	92.3	82.5-123		0.680	22.5	
p-Isopropyltoluene	41		"	50.0	ND	82.2	64.9-132		2.50	25.2	
sec-Butylbenzene	41		"	50.0	ND	82.5	25.4-151		1.75	25.2	
Styrene	45		"	50.0	ND	90.6	74.1-134		1.38	20	
tert-Butylbenzene	42		"	50.0	ND	84.8	79.5-171		0.828	24.8	
Tetrachloroethylene	43		"	50.0	ND	86.9	72.5-130		2.01	22.7	
Toluene	44		"	50.0	ND	88.0	77.8-121		0.476	21.5	
trans-1,2-Dichloroethylene	48		"	50.0	ND	96.5	83.8-140		1.86	20.1	
trans-1,3-Dichloropropylene	46		"	50.0	ND	92.6	74.9-136		1.57	22.5	
Trichloroethylene	44		"	50.0	ND	87.7	84.4-125		1.85	20.7	
Trichlorofluoromethane	48		"	50.0	ND	95.9	78.7-127		1.33	24.7	
Vinyl Chloride	36		"	50.0	ND	71.1	72.1-116	Low Bias	8.13	24.9	
Vinyl acetate	45		"	50.0	ND	89.9	70-130		11.3	30	
Surrogate: 1,2-Dichloroethane-d4	*57.5*		*"*	*50.0*		*115*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*81.2-127*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0938-01	MW-1A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-02	MW-1B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-03	MW-1C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-04	MW-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-05	MW-2A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-06	MW-2B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-07	MW-2C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-08	MW-3A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-09	MW-3B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-10	MW-3C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-11	MW-4A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-12	MW-4B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-13	MW-4C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-14	MW-5A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-15	MW-5D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-16	MW-6A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-17	MW-6D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-18	MW-7A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-19	MW-7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-20	FB-Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-21	Trip Blanks	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0938-22	Field Duplicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Laboratory Chain-of-Custody Record

York Project (SDG) No.: 13D0938

Samples Received: 04/25/2013 15:35 **By:** Paul Grace **Logged In:** 04/26/2013 13:08 **By:** John Gale

Sample Conditions:

- [x] Custody Seals
- [x] Containers Intact
- [x] COC/Labels Agree
- [x] Preservation Confirmed
- [x] Cooler Temperature Confirmed
- [ ] COC Complete
- [x] Chain of Custody Form Received
- [x] Appropriate Sample Volumes Received
- [x] Appropriate Sample Containers Submitted
- [x] Samples Submitted within Holding Times
- [ ] Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
13D0938-01	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-02	EPA 5030B	04/29/2013 11:17	04/29/2013 11:17	Kimberly Holbrook
13D0938-03	EPA 5030B	04/29/2013 11:17	04/29/2013 11:17	Kimberly Holbrook
13D0938-04	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-05	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-06	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-07	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-08	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-09	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-10	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-11	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-12	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-13	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-14	EPA 5030B	04/26/2013 14:25	04/26/2013 14:25	Barbara Kostrzewska
13D0938-15	EPA 5030B	04/29/2013 10:36	04/29/2013 10:36	Ethan K. Morehouse
13D0938-16	EPA 5030B	04/29/2013 10:36	04/29/2013 10:36	Ethan K. Morehouse
13D0938-17	EPA 5030B	04/29/2013 10:36	04/29/2013 10:36	Ethan K. Morehouse
13D0938-18	EPA 5030B	04/29/2013 10:36	04/29/2013 10:36	Ethan K. Morehouse
13D0938-19	EPA 5030B	04/29/2013 10:36	04/29/2013 10:36	Ethan K. Morehouse
13D0938-20	EPA 5030B	04/29/2013 10:36	04/29/2013 10:36	Ethan K. Morehouse
13D0938-21	EPA 5030B	04/29/2013 10:36	04/29/2013 10:36	Ethan K. Morehouse
13D0938-22	EPA 5030B	04/29/2013 10:36	04/29/2013 10:36	Ethan K. Morehouse

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst

13D0938-01	Volatile Organics, 8260 List	04/26/2013 14:25	04/29/2013 17:46	Steve Swift
13D0938-02	Volatile Organics, 8260 List	04/29/2013 11:17	04/29/2013 18:25	Steve Swift
13D0938-03	Volatile Organics, 8260 List	04/29/2013 11:17	04/29/2013 19:03	Steve Swift
13D0938-04	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 1:25	Steve Swift
13D0938-05	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 2:04	Steve Swift
13D0938-06	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 2:43	Steve Swift
13D0938-07	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 3:23	Steve Swift
13D0938-08	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 4:02	Steve Swift
13D0938-09	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 4:41	Steve Swift
13D0938-10	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 5:20	Steve Swift
13D0938-11	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 5:59	Steve Swift
13D0938-12	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 6:39	Steve Swift
13D0938-13	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 7:18	Steve Swift
13D0938-14	Volatile Organics, 8260 List	04/26/2013 14:25	04/27/2013 7:57	Steve Swift
13D0938-15	Volatile Organics, 8260 List	04/29/2013 10:36	04/29/2013 12:38	Steve Swift
13D0938-16	Volatile Organics, 8260 List	04/29/2013 10:36	04/29/2013 13:17	Steve Swift
13D0938-17	Volatile Organics, 8260 List	04/29/2013 10:36	04/29/2013 13:56	Steve Swift
13D0938-18	Volatile Organics, 8260 List	04/29/2013 10:36	04/29/2013 14:34	Steve Swift
13D0938-19	Volatile Organics, 8260 List	04/29/2013 10:36	04/29/2013 15:13	Steve Swift
13D0938-20	Volatile Organics, 8260 List	04/29/2013 10:36	04/29/2013 15:51	Steve Swift
13D0938-21	Volatile Organics, 8260 List	04/29/2013 10:36	04/29/2013 16:29	Steve Swift
13D0938-22	Volatile Organics, 8260 List	04/29/2013 10:36	04/29/2013 17:08	Steve Swift

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13D0938

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG, Inc	SAME ✓	SAME ✓	Deluxe	RUSH-Same Day	Summary Report
Address: 110 Corporate	Name:	Name:		RUSH-Next Day	QA Report
Rd/Dr, White Plains, NY 10604	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 914 694 5711	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Jorma Weber				RUSH-Four Day	NY ASP A Package
E-mail: Weber@LBGNY.com	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day) X	NY ASP B Package X
					NJDEP Reduced Deliv

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Mike Reiff
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA 8	TPH GRO	Pri. Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App. IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Excel
NYSDEC EQuIS
NJDEP SRP HazSite
EQuIS
GIS/KEY (std)

YORK Regulatory Comp Excel *compared to:*

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-1A	4/23/14 1730	GW	8260 full list	2 VOAs
MW-1B	1710			
MW-1C	1645			
MW-1D	1610			
MW-2A	1850			
MW-2B	1823			
MW-2C	1845			
MW-3A	1600			
MW-3B	1550			

Comments:

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time 4/25/14 1000	Samples Received By	Date/Time 4-25-14 1430
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time 4/25/14 1535

Temperature on Receipt 4.0 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 13D0938

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG, Inc	SAME [X]	SAME [X]	Deluxe	RUSH-Same Day	Summary Report
Address: 110 Corporate Park Dr, White Plains, NY 10604	Name:	Name:		RUSH-Next Day	QA Report
	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 914 694 5711	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Jorma Weber				RUSH-Four Day	NY ASP A Package
E-mail: Weber@LBGNY.com	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day)	NY ASP B Package [X]
					NJDEP Reduced Deliv

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Mike Zeff
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Excel
NYSDEC EQuIS
NJDEP SRP HazSite
EQuIS
GIS/KEY (std)

YORK Regulatory Comp Excel
compared to:

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-3C	4/23/14 1510	GW	8260 full list	
MW-4A	2000			
MW-4B	1945			
MW-4C	1935			
MW-5A	0915			
MW-5D	1015			
MW-6A	1115			
MW-6D	1120			
MW-7A	1220			

Comments:

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time 4/25/14 1000	Samples Received By Chris C	Date/Time 4-25-13 14:30
Samples Relinquished By	Date/Time	Samples Received in LAB by Grace	Date/Time 4/25/13 1535

Temperature on Receipt 4.0°C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 13D0938

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG, Inc	SAME [X]	SAME [X]		RUSH-Same Day	Summary Report
Address: 110 Corporate Park Dr	Name:	Name:		RUSH-Next Day	QA Report
Corporate Park Dr White Plains	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 9146945711	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Jorma Weber				RUSH-Four Day	NY ASP A Package
E-mail: Weber@LBGNY.com	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to:
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Mike Reiff
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-7D	4/23/13 1215	GW	8260 Full List	
MS - Matrix Spike	4/23/13 1015			
MSD - Matrix Spike Dup	4/23/13 1045			
FB - Field Blank	4/23/13 0900			
Trip Blanks	—			
Field Duplicate	4/23/13			

Comments:

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	4/25/13 1000	Samples Received By	4-25-13 1430
Samples Relinquished By	Date/Time	Samples Received in LAB by	4-25-13 1535 Date/Time

Temperature on Receipt: 4.0 °C

York Analytical Laboratories, Inc.
SDG: 13D0938
CLASS: VOA
METHOD: EPA SW846-8260B

DATA PACKAGE COVER PAGE

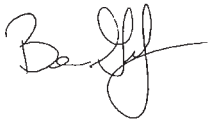
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Client Sample Id:	Lab Sample Id:
MW-1A	13D0938-01
MW-1A	13D0938-01RE1
MW-1B	13D0938-02
MW-1C	13D0938-03
MW-1D	13D0938-04
MW-2A	13D0938-05
MW-2B	13D0938-06
MW-2C	13D0938-07
MW-3A	13D0938-08
MW-3B	13D0938-09
MW-3C	13D0938-10
MW-4A	13D0938-11
MW-4B	13D0938-12
MW-4C	13D0938-13
MW-5A	13D0938-14
MW-5D	13D0938-15
MW-6A	13D0938-16
MW-6D	13D0938-17
MW-7A	13D0938-18
MW-7D	13D0938-19
FB-Field Blank	13D0938-20
Trip Blanks	13D0938-21
Field Duplicate	13D0938-22

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 above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:  Name: Benjamin Gulizia

Date: 5/21/2013 Title: Laboratory Director

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BD31300-BS1)			Lab File ID: V188534L.D		Analyzed: 04/26/13 21:33			
1,2-Dichloroethane-d4	50.0	105	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	99.3	63.5 - 145	9.89				
Toluene-d8	50.0	97.7	81.2 - 127	7.14				
LCS Dup (BD31300-BSD1)			Lab File ID: V188535U.D		Analyzed: 04/26/13 22:12			
1,2-Dichloroethane-d4	50.0	105	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.89				
Toluene-d8	50.0	98.0	81.2 - 127	7.14				
Blank (BD31300-BLK1)			Lab File ID: V188536B.D		Analyzed: 04/26/13 22:50			
1,2-Dichloroethane-d4	50.0	102	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.88				
Toluene-d8	50.0	97.3	81.2 - 127	7.13				
MW-1A (13D0938-01)			Lab File ID: V188537W.D		Analyzed: 04/26/13 23:29			
1,2-Dichloroethane-d4	50.0	102	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.88				
Toluene-d8	50.0	96.9	81.2 - 127	7.13				
MW-1D (13D0938-04)			Lab File ID: V188540W.D		Analyzed: 04/27/13 01:25			
1,2-Dichloroethane-d4	50.0	109	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	97.8	63.5 - 145	9.88				
Toluene-d8	50.0	98.7	81.2 - 127	7.14				
MW-2A (13D0938-05)			Lab File ID: V188541W.D		Analyzed: 04/27/13 02:04			
1,2-Dichloroethane-d4	50.0	108	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.88				
Toluene-d8	50.0	98.1	81.2 - 127	7.13				
MW-2B (13D0938-06)			Lab File ID: V188542W.D		Analyzed: 04/27/13 02:43			
1,2-Dichloroethane-d4	50.0	110	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.88				
Toluene-d8	50.0	98.8	81.2 - 127	7.13				
MW-2C (13D0938-07)			Lab File ID: V188543W.D		Analyzed: 04/27/13 03:23			
1,2-Dichloroethane-d4	50.0	110	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	100	63.5 - 145	9.88				
Toluene-d8	50.0	96.7	81.2 - 127	7.13				

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-3A (13D0938-08)			Lab File ID: V188544W.D		Analyzed: 04/27/13 04:02			
1,2-Dichloroethane-d4	50.0	107	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	99.8	63.5 - 145	9.88				
Toluene-d8	50.0	95.9	81.2 - 127	7.13				
MW-3B (13D0938-09)			Lab File ID: V188545W.D		Analyzed: 04/27/13 04:41			
1,2-Dichloroethane-d4	50.0	106	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	103	63.5 - 145	9.89				
Toluene-d8	50.0	97.7	81.2 - 127	7.13				
MW-3C (13D0938-10)			Lab File ID: V188546W.D		Analyzed: 04/27/13 05:20			
1,2-Dichloroethane-d4	50.0	109	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.88				
Toluene-d8	50.0	96.8	81.2 - 127	7.13				
MW-4A (13D0938-11)			Lab File ID: V188547W.D		Analyzed: 04/27/13 05:59			
1,2-Dichloroethane-d4	50.0	111	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	98.2	63.5 - 145	9.89				
Toluene-d8	50.0	97.5	81.2 - 127	7.14				
MW-4B (13D0938-12)			Lab File ID: V188548W.D		Analyzed: 04/27/13 06:39			
1,2-Dichloroethane-d4	50.0	110	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.88				
Toluene-d8	50.0	96.5	81.2 - 127	7.13				
MW-4C (13D0938-13)			Lab File ID: V188549W.D		Analyzed: 04/27/13 07:18			
1,2-Dichloroethane-d4	50.0	109	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	98.8	63.5 - 145	9.88				
Toluene-d8	50.0	97.6	81.2 - 127	7.13				
MW-5A (13D0938-14)			Lab File ID: V188550W.D		Analyzed: 04/27/13 07:57			
1,2-Dichloroethane-d4	50.0	113	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	99.5	63.5 - 145	9.88				
Toluene-d8	50.0	95.3	81.2 - 127	7.13				
Matrix Spike (BD31300-MS1)			Lab File ID: V188551M.D		Analyzed: 04/27/13 08:36			
1,2-Dichloroethane-d4	50.0	116	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.88				
Toluene-d8	50.0	97.7	81.2 - 127	7.13				

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BD31338-BS1)			Lab File ID: V188555L.D		Analyzed: 04/29/13 10:42			
1,2-Dichloroethane-d4	50.0	113	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.89				
Toluene-d8	50.0	94.2	81.2 - 127	7.14				
Blank (BD31338-BLK1)			Lab File ID: V188557B.D		Analyzed: 04/29/13 12:00			
1,2-Dichloroethane-d4	50.0	112	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	99.1	63.5 - 145	9.89				
Toluene-d8	50.0	94.4	81.2 - 127	7.14				
MW-5D (13D0938-15)			Lab File ID: V188558W.D		Analyzed: 04/29/13 12:38			
1,2-Dichloroethane-d4	50.0	114	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	94.6	63.5 - 145	9.89				
Toluene-d8	50.0	94.2	81.2 - 127	7.14				
MW-6A (13D0938-16)			Lab File ID: V188559W.D		Analyzed: 04/29/13 13:17			
1,2-Dichloroethane-d4	50.0	113	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	98.7	63.5 - 145	9.89				
Toluene-d8	50.0	94.3	81.2 - 127	7.14				
MW-6D (13D0938-17)			Lab File ID: V188560W.D		Analyzed: 04/29/13 13:56			
1,2-Dichloroethane-d4	50.0	115	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	99.8	63.5 - 145	9.89				
Toluene-d8	50.0	94.0	81.2 - 127	7.14				
MW-7A (13D0938-18)			Lab File ID: V188561W.D		Analyzed: 04/29/13 14:34			
1,2-Dichloroethane-d4	50.0	111	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.89				
Toluene-d8	50.0	95.9	81.2 - 127	7.14				
MW-7D (13D0938-19)			Lab File ID: V188562W.D		Analyzed: 04/29/13 15:13			
1,2-Dichloroethane-d4	50.0	115	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	99.1	63.5 - 145	9.89				
Toluene-d8	50.0	94.8	81.2 - 127	7.14				
FB-Field Blank (13D0938-20)			Lab File ID: V188563W.D		Analyzed: 04/29/13 15:51			
1,2-Dichloroethane-d4	50.0	114	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.89				
Toluene-d8	50.0	95.5	81.2 - 127	7.14				

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Trip Blanks (13D0938-21)			Lab File ID: V188564W.D		Analyzed: 04/29/13 16:29			
1,2-Dichloroethane-d4	50.0	115	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	100	63.5 - 145	9.89				
Toluene-d8	50.0	96.6	81.2 - 127	7.14				
Field Duplicate (13D0938-22)			Lab File ID: V188565W.D		Analyzed: 04/29/13 17:08			
1,2-Dichloroethane-d4	50.0	118	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.9				
Toluene-d8	50.0	97.0	81.2 - 127	7.14				
MW-1B (13D0938-02)			Lab File ID: V188567W.D		Analyzed: 04/29/13 18:25			
1,2-Dichloroethane-d4	50.0	113	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	104	63.5 - 145	9.89				
Toluene-d8	50.0	94.8	81.2 - 127	7.14				
MW-1C (13D0938-03)			Lab File ID: V188568W.D		Analyzed: 04/29/13 19:03			
1,2-Dichloroethane-d4	50.0	121	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	100	63.5 - 145	9.9				
Toluene-d8	50.0	95.2	81.2 - 127	7.14				
Matrix Spike (BD31338-MS1)			Lab File ID: V188570M.D		Analyzed: 04/29/13 20:20			
1,2-Dichloroethane-d4	50.0	114	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	100	63.5 - 145	9.89				
Toluene-d8	50.0	96.6	81.2 - 127	7.14				
Matrix Spike Dup (BD31338-MSD1)			Lab File ID: V188571D.D		Analyzed: 04/29/13 20:59			
1,2-Dichloroethane-d4	50.0	115	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.9				
Toluene-d8	50.0	95.9	81.2 - 127	7.15				

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	46	91.4	82.3 - 130
1,1,1-Trichloroethane	50.0	52	104	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	43	86.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	50	100	71.1 - 129
1,1,2-Trichloroethane	50.0	44	87.4	74.5 - 129
1,1-Dichloroethane	50.0	59	118	79.6 - 132
1,1-Dichloroethylene	50.0	48	95.2	80.2 - 146
1,1-Dichloropropylene	50.0	49	98.6	75 - 136
1,2,3-Trichlorobenzene	50.0	43	86.1	66.1 - 136
1,2,3-Trichloropropane	50.0	46	91.6	63 - 131
1,2,4-Trichlorobenzene	50.0	42	84.4	70.6 - 136
1,2,4-Trimethylbenzene	50.0	43	85.5	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	50	101	58.9 - 140
1,2-Dibromoethane	50.0	46	91.3	79 - 130
1,2-Dichlorobenzene	50.0	42	85.0	76.1 - 122
1,2-Dichloroethane	50.0	52	104	74.6 - 132
1,2-Dichloropropane	50.0	46	92.2	76.9 - 129
1,3,5-Trimethylbenzene	50.0	43	86.8	70.6 - 127
1,3-Dichlorobenzene	50.0	44	87.4	77 - 124
1,3-Dichloropropane	50.0	44	88.9	75.8 - 126
1,4-Dichlorobenzene	50.0	43	85.9	76.6 - 125
2,2-Dichloropropane	50.0	52	104	69 - 133
2-Butanone	50.0	53	106	70 - 130
2-Chlorotoluene	50.0	43	86.4	66.3 - 119
4-Chlorotoluene	50.0	44	87.2	69.2 - 127
Acetone	50.0	41	82.2	70 - 130
Benzene	50.0	52	104	76.2 - 129
Bromobenzene	50.0	43	86.6	71.3 - 123
Bromochloromethane	50.0	56	113	70.8 - 137
Bromodichloromethane	50.0	46	92.4	79.7 - 134

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	47	93.8	70.5 - 141
Bromomethane	50.0	46	91.9	43.9 - 147
Carbon tetrachloride	50.0	52	104	78.1 - 138
Chlorobenzene	50.0	46	91.8	80.4 - 125
Chloroethane	50.0	51	102	55.8 - 140
Chloroform	50.0	50	100	76.6 - 133
Chloromethane	50.0	40	79.2	48.8 - 115
cis-1,2-Dichloroethylene	50.0	54	108	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	94.5	74.5 - 128
Dibromochloromethane	50.0	49	97.3	79.8 - 134
Dibromomethane	50.0	56	112	79 - 130
Dichlorodifluoromethane	50.0	52	104 *	47.1 - 101
Ethyl Benzene	50.0	46	93.0	80.8 - 128
Hexachlorobutadiene	50.0	44	87.5	64.8 - 128
Isopropylbenzene	50.0	44	88.8	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	58	116	65.1 - 140
Methylene chloride	50.0	41	81.8	61.3 - 120
Naphthalene	50.0	44	88.4	62.3 - 148
n-Butylbenzene	50.0	40	80.7	67.2 - 123
n-Propylbenzene	50.0	44	87.6	70.5 - 127
o-Xylene	50.0	45	89.3	75.9 - 122
p- & m- Xylenes	100	92	92.4	77.7 - 127
p-Isopropyltoluene	50.0	44	87.7	75.6 - 129
sec-Butylbenzene	50.0	45	89.5	71.5 - 125
Styrene	50.0	47	93.4	77.8 - 123
tert-Butylbenzene	50.0	44	88.1	75.9 - 151
Tetrachloroethylene	50.0	48	95.7	63.6 - 167
Toluene	50.0	46	92.4	77 - 123
trans-1,2-Dichloroethylene	50.0	56	112	76.3 - 139
trans-1,3-Dichloropropylene	50.0	46	92.4	72.5 - 137

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	46	91.0	77.9 - 130
Trichlorofluoromethane	50.0	47	93.8	57.4 - 133
Vinyl Chloride	50.0	48	96.1	54.9 - 124
Vinyl acetate	50.0	47	93.8	70 - 130

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47	93.7	2.49	21.1	82.3 - 130
1,1,1-Trichloroethane	50.0	52	103	0.828	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	43	86.2	0.139	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48	96.1	4.30	21.7	71.1 - 129
1,1,2-Trichloroethane	50.0	46	91.2	4.23	20.3	74.5 - 129
1,1-Dichloroethane	50.0	58	117	1.55	20.6	79.6 - 132
1,1-Dichloroethylene	50.0	46	92.5	2.90	20	80.2 - 146
1,1-Dichloropropylene	50.0	49	97.5	1.14	19.3	75 - 136
1,2,3-Trichlorobenzene	50.0	41	81.7	5.22	21.6	66.1 - 136
1,2,3-Trichloropropane	50.0	45	90.3	1.43	23.9	63 - 131
1,2,4-Trichlorobenzene	50.0	40	79.9	5.58	21.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	42	84.2	1.51	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	54	107	6.13	27.7	58.9 - 140
1,2-Dibromoethane	50.0	46	91.3	0.0438	23	79 - 130
1,2-Dichlorobenzene	50.0	43	85.4	0.446	19.8	76.1 - 122
1,2-Dichloroethane	50.0	51	103	1.39	20.2	74.6 - 132
1,2-Dichloropropane	50.0	47	93.6	1.46	20.7	76.9 - 129
1,3,5-Trimethylbenzene	50.0	44	87.2	0.437	18.9	70.6 - 127
1,3-Dichlorobenzene	50.0	43	85.2	2.50	19.2	77 - 124
1,3-Dichloropropane	50.0	46	91.4	2.73	22.1	75.8 - 126
1,4-Dichlorobenzene	50.0	42	84.9	1.26	18.6	76.6 - 125
2,2-Dichloropropane	50.0	52	104	0.846	19.8	69 - 133
2-Butanone	50.0	53	107	0.263	30	70 - 130
2-Chlorotoluene	50.0	43	85.1	1.49	21.6	66.3 - 119
4-Chlorotoluene	50.0	43	86.7	0.552	19	69.2 - 127
Acetone	50.0	37	74.3	10.1	30	70 - 130
Benzene	50.0	51	103	0.775	19	76.2 - 129
Bromobenzene	50.0	44	87.5	1.03	20.3	71.3 - 123
Bromochloromethane	50.0	55	109	2.85	23.9	70.8 - 137
Bromodichloromethane	50.0	47	94.8	2.65	21	79.7 - 134

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water

Batch: BD31300 Laboratory ID: BD31300-BSD1

Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	50.0	47	94.0	0.234	21.8	70.5 - 141
Bromomethane	50.0	47	94.2	2.43	28.4	43.9 - 147
Carbon tetrachloride	50.0	50	101	2.74	20.1	78.1 - 138
Chlorobenzene	50.0	47	93.3	1.71	19.9	80.4 - 125
Chloroethane	50.0	49	98.8	2.85	23.3	55.8 - 140
Chloroform	50.0	51	102	1.56	20.3	76.6 - 133
Chloromethane	50.0	38	76.6	3.31	24.5	48.8 - 115
cis-1,2-Dichloroethylene	50.0	53	105	2.01	20.5	75.1 - 128
cis-1,3-Dichloropropylene	50.0	46	92.1	2.49	19.9	74.5 - 128
Dibromochloromethane	50.0	51	101	4.01	21.3	79.8 - 134
Dibromomethane	50.0	55	111	0.954	22.4	79 - 130
Dichlorodifluoromethane	50.0	51	103 *	1.45	23.9	47.1 - 101
Ethyl Benzene	50.0	46	92.3	0.669	19.2	80.8 - 128
Hexachlorobutadiene	50.0	42	83.8	4.34	20.6	64.8 - 128
Isopropylbenzene	50.0	44	88.2	0.723	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	57	113	2.62	23.6	65.1 - 140
Methylene chloride	50.0	40	80.0	2.25	20.4	61.3 - 120
Naphthalene	50.0	44	87.3	1.16	27.1	62.3 - 148
n-Butylbenzene	50.0	40	79.6	1.42	19.1	67.2 - 123
n-Propylbenzene	50.0	43	86.2	1.59	23.4	70.5 - 127
o-Xylene	50.0	45	90.8	1.67	19.3	75.9 - 122
p- & m- Xylenes	100	91	91.5	1.01	18.6	77.7 - 127
p-Isopropyltoluene	50.0	43	86.0	1.93	19.1	75.6 - 129
sec-Butylbenzene	50.0	44	88.6	0.943	18.9	71.5 - 125
Styrene	50.0	47	94.0	0.726	20.9	77.8 - 123
tert-Butylbenzene	50.0	44	88.0	0.204	20.9	75.9 - 151
Tetrachloroethylene	50.0	48	95.3	0.503	27.7	63.6 - 167
Toluene	50.0	47	93.1	0.755	18.7	77 - 123
trans-1,2-Dichloroethylene	50.0	54	108	3.94	19.5	76.3 - 139
trans-1,3-Dichloropropylene	50.0	46	91.7	0.804	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichloroethylene	50.0	45	90.8	0.264	20.5	77.9 - 130
Trichlorofluoromethane	50.0	46	91.2	2.90	21.4	57.4 - 133
Vinyl Chloride	50.0	46	92.3	4.10	22.3	54.9 - 124
Vinyl acetate	50.0	47	94.9	1.10	30	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	48	96.7	82.3 - 130
1,1,1-Trichloroethane	50.0	55	110	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	42	83.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	52	104	71.1 - 129
1,1,2-Trichloroethane	50.0	44	87.9	74.5 - 129
1,1-Dichloroethane	50.0	59	118	79.6 - 132
1,1-Dichloroethylene	50.0	50	99.7	80.2 - 146
1,1-Dichloropropylene	50.0	50	100	75 - 136
1,2,3-Trichlorobenzene	50.0	44	88.5	66.1 - 136
1,2,3-Trichloropropane	50.0	43	86.5	63 - 131
1,2,4-Trichlorobenzene	50.0	44	88.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	44	87.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	50	100	58.9 - 140
1,2-Dibromoethane	50.0	46	92.5	79 - 130
1,2-Dichlorobenzene	50.0	44	88.2	76.1 - 122
1,2-Dichloroethane	50.0	55	110	74.6 - 132
1,2-Dichloropropane	50.0	45	90.9	76.9 - 129
1,3,5-Trimethylbenzene	50.0	45	90.6	70.6 - 127
1,3-Dichlorobenzene	50.0	45	91.0	77 - 124
1,3-Dichloropropane	50.0	44	88.0	75.8 - 126
1,4-Dichlorobenzene	50.0	45	89.8	76.6 - 125
2,2-Dichloropropane	50.0	57	114	69 - 133
2-Butanone	50.0	56	112	70 - 130
2-Chlorotoluene	50.0	43	86.3	66.3 - 119
4-Chlorotoluene	50.0	45	90.0	69.2 - 127
Acetone	50.0	41	81.1	70 - 130
Benzene	50.0	51	102	76.2 - 129
Bromobenzene	50.0	43	86.2	71.3 - 123
Bromochloromethane	50.0	57	113	70.8 - 137
Bromodichloromethane	50.0	47	94.0	79.7 - 134

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	49	98.5	70.5 - 141
Bromomethane	50.0	49	98.9	43.9 - 147
Carbon tetrachloride	50.0	55	110	78.1 - 138
Chlorobenzene	50.0	48	95.3	80.4 - 125
Chloroethane	50.0	51	102	55.8 - 140
Chloroform	50.0	52	105	76.6 - 133
Chloromethane	50.0	39	77.7	48.8 - 115
cis-1,2-Dichloroethylene	50.0	54	108	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	93.6	74.5 - 128
Dibromochloromethane	50.0	51	102	79.8 - 134
Dibromomethane	50.0	56	111	79 - 130
Dichlorodifluoromethane	50.0	51	103 *	47.1 - 101
Ethyl Benzene	50.0	47	94.0	80.8 - 128
Hexachlorobutadiene	50.0	45	90.8	64.8 - 128
Isopropylbenzene	50.0	45	89.7	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	58	115	65.1 - 140
Methylene chloride	50.0	43	85.7	61.3 - 120
Naphthalene	50.0	43	86.8	62.3 - 148
n-Butylbenzene	50.0	42	83.5	67.2 - 123
n-Propylbenzene	50.0	44	87.1	70.5 - 127
o-Xylene	50.0	46	91.5	75.9 - 122
p- & m- Xylenes	100	94	93.7	77.7 - 127
p-Isopropyltoluene	50.0	46	91.2	75.6 - 129
sec-Butylbenzene	50.0	45	89.2	71.5 - 125
Styrene	50.0	48	95.6	77.8 - 123
tert-Butylbenzene	50.0	45	90.7	75.9 - 151
Tetrachloroethylene	50.0	46	92.4	63.6 - 167
Toluene	50.0	45	90.6	77 - 123
trans-1,2-Dichloroethylene	50.0	55	110	76.3 - 139
trans-1,3-Dichloropropylene	50.0	48	95.4	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	47	93.3	77.9 - 130
Trichlorofluoromethane	50.0	50	99.8	57.4 - 133
Vinyl Chloride	50.0	46	92.8	54.9 - 124
Vinyl acetate	50.0	48	95.7	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31300
Laboratory ID: BD31300-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-1B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	48	96.3	82 - 138
1,1,1-Trichloroethane	50.0	0.98	58	114	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	48	96.3	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	53	106	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	46	92.5	82.5 - 129
1,1-Dichloroethane	50.0	ND	60	119	81.4 - 137
1,1-Dichloroethylene	50.0	ND	51	102	90 - 138
1,1-Dichloropropylene	50.0	ND	51	103	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	42	84.8	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	49	97.6	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	39	78.6	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	42	84.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	53	106	66.6 - 143
1,2-Dibromoethane	50.0	ND	49	97.6	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	44	88.1	79.9 - 130
1,2-Dichloroethane	50.0	ND	58	116	85 - 133
1,2-Dichloropropane	50.0	ND	45	90.4	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	44	87.8	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	43	86.8	79.1 - 124
1,3-Dichloropropane	50.0	ND	48	95.2	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	42	84.3	79.4 - 128
2,2-Dichloropropane	50.0	ND	49	97.6	54.2 - 126
2-Butanone	50.0	ND	58	116	70 - 130
2-Chlorotoluene	50.0	ND	44	87.7	60.2 - 144
4-Chlorotoluene	50.0	ND	44	88.4	79.8 - 128
Acetone	50.0	ND	43	86.6	70 - 130
Benzene	50.0	ND	51	102	74.1 - 134
Bromobenzene	50.0	ND	45	89.6	76.6 - 125
Bromochloromethane	50.0	ND	58	116	85 - 133
Bromodichloromethane	50.0	ND	50	99.3	80.8 - 143
Bromoform	50.0	ND	52	103	65.8 - 164
Bromomethane	50.0	ND	42	84.2	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-1B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-MS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-1B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	55	111	85.7 - 138
Chlorobenzene	50.0	ND	47	94.4	79.9 - 129
Chloroethane	50.0	ND	51	102	74.7 - 127
Chloroform	50.0	ND	54	107	50.6 - 145
Chloromethane	50.0	ND	37	74.8	64 - 111
cis-1,2-Dichloroethylene	50.0	1.2	56	109	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	46	91.8	74.3 - 128
Dibromochloromethane	50.0	ND	52	104	76.8 - 150
Dibromomethane	50.0	ND	60	120	83.3 - 140
Dichlorodifluoromethane	50.0	ND	54	107 *	51 - 100
Ethyl Benzene	50.0	ND	47	94.6	82.9 - 127
Hexachlorobutadiene	50.0	ND	44	87.0	73 - 128
Isopropylbenzene	50.0	ND	45	90.9	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	55	110	81.2 - 134
Methylene chloride	50.0	2.6	43	81.3	57.8 - 103
Naphthalene	50.0	ND	44	87.7	80.1 - 122
n-Butylbenzene	50.0	ND	40	79.6	72.4 - 120
n-Propylbenzene	50.0	ND	44	87.9	74 - 130
o-Xylene	50.0	ND	46	92.2	78.8 - 122
p- & m- Xylenes	100	ND	94	93.9	82.5 - 123
p-Isopropyltoluene	50.0	ND	44	89.0	64.9 - 132
sec-Butylbenzene	50.0	ND	45	89.6	25.4 - 151
Styrene	50.0	ND	46	92.4	74.1 - 134
tert-Butylbenzene	50.0	ND	46	91.4	79.5 - 171
Tetrachloroethylene	50.0	18	59	83.1	72.5 - 130
Toluene	50.0	ND	46	92.6	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	50	101	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	46	91.5	74.9 - 136
Trichloroethylene	50.0	4.0	51	94.6	84.4 - 125
Trichlorofluoromethane	50.0	ND	51	102	78.7 - 127
Vinyl Chloride	50.0	ND	49	98.8	72.1 - 116
Vinyl acetate	50.0	ND	41	82.1	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	47	94.6	82 - 138
1,1,1-Trichloroethane	50.0	ND	54	107	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	38	76.9 *	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	49	98.6	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	42	84.4	82.5 - 129
1,1-Dichloroethane	50.0	ND	47	94.0	81.4 - 137
1,1-Dichloroethylene	50.0	ND	48	95.6	90 - 138
1,1-Dichloropropylene	50.0	ND	47	94.1	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	40	80.5	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	40	79.5	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	40	79.6	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	40	80.8	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	45	89.8	66.6 - 143
1,2-Dibromoethane	50.0	ND	45	90.6	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	40	80.5	79.9 - 130
1,2-Dichloroethane	50.0	ND	53	106	85 - 133
1,2-Dichloropropane	50.0	ND	42	84.4	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	42	83.3	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	41	81.3	79.1 - 124
1,3-Dichloropropane	50.0	ND	43	85.2	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	40	79.1 *	79.4 - 128
2,2-Dichloropropane	50.0	ND	52	103	54.2 - 126
2-Butanone	50.0	ND	46	92.6	70 - 130
2-Chlorotoluene	50.0	ND	41	82.3	60.2 - 144
4-Chlorotoluene	50.0	ND	42	83.9	79.8 - 128
Acetone	50.0	ND	33	66.6 *	70 - 130
Benzene	50.0	ND	46	92.8	74.1 - 134
Bromobenzene	50.0	ND	39	78.8	76.6 - 125
Bromochloromethane	50.0	ND	52	104	85 - 133
Bromodichloromethane	50.0	ND	48	95.4	80.8 - 143
Bromoform	50.0	ND	44	87.2	65.8 - 164
Bromomethane	50.0	4.9	37	64.6 *	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	51	102	85.7 - 138
Chlorobenzene	50.0	ND	45	90.6	79.9 - 129
Chloroethane	50.0	ND	41	81.6	74.7 - 127
Chloroform	50.0	ND	52	104	50.6 - 145
Chloromethane	50.0	ND	26	51.6 *	64 - 111
cis-1,2-Dichloroethylene	50.0	ND	49	97.8	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	45	90.5	74.3 - 128
Dibromochloromethane	50.0	ND	48	95.9	76.8 - 150
Dibromomethane	50.0	ND	56	112	83.3 - 140
Dichlorodifluoromethane	50.0	ND	26	52.5	51 - 100
Ethyl Benzene	50.0	ND	46	92.1	82.9 - 127
Hexachlorobutadiene	50.0	ND	43	85.2	73 - 128
Isopropylbenzene	50.0	ND	42	83.2	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	47	94.9	81.2 - 134
Methylene chloride	50.0	5.2	40	70.3	57.8 - 103
Naphthalene	50.0	ND	37	74.2 *	80.1 - 122
n-Butylbenzene	50.0	ND	39	77.9	72.4 - 120
n-Propylbenzene	50.0	ND	41	81.8	74 - 130
o-Xylene	50.0	ND	45	90.4	78.8 - 122
p- & m- Xylenes	100	ND	93	92.9	82.5 - 123
p-Isopropyltoluene	50.0	ND	42	84.2	64.9 - 132
sec-Butylbenzene	50.0	ND	42	84.0	25.4 - 151
Styrene	50.0	ND	46	91.8	74.1 - 134
tert-Butylbenzene	50.0	ND	42	84.1	79.5 - 171
Tetrachloroethylene	50.0	ND	44	88.6	72.5 - 130
Toluene	50.0	ND	44	88.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	47	94.7	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	46	91.2	74.9 - 136
Trichloroethylene	50.0	ND	45	89.3	84.4 - 125
Trichlorofluoromethane	50.0	ND	49	97.2	78.7 - 127
Vinyl Chloride	50.0	ND	33	65.6 *	72.1 - 116
Vinyl acetate	50.0	ND	40	80.2	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47	93.1	1.64	21.3	82 - 138
1,1,1-Trichloroethane	50.0	54	108	1.04	22.6	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	40	80.6	4.62	23.1	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49	98.4	0.183	25.6	74.8 - 131
1,1,2-Trichloroethane	50.0	43	85.4	1.23	19.3	82.5 - 129
1,1-Dichloroethane	50.0	52	104	10.4	20.7	81.4 - 137
1,1-Dichloroethylene	50.0	47	93.8	1.94	22.9	90 - 138
1,1-Dichloropropylene	50.0	48	96.5	2.52	24.9	91.7 - 131
1,2,3-Trichlorobenzene	50.0	41	82.7	2.77	21.4	75.9 - 130
1,2,3-Trichloropropane	50.0	43	86.8	8.85	28	77.1 - 140
1,2,4-Trichlorobenzene	50.0	41	82.2	3.21	22.5	69.8 - 135
1,2,4-Trimethylbenzene	50.0	40	79.8	1.30	33.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	48	96.0	6.70	23.3	66.6 - 143
1,2-Dibromoethane	50.0	45	90.4	0.177	19.1	79.8 - 136
1,2-Dichlorobenzene	50.0	41	81.5	1.26	23.2	79.9 - 130
1,2-Dichloroethane	50.0	55	111	4.67	19.1	85 - 133
1,2-Dichloropropane	50.0	42	84.7	0.307	19.9	81.1 - 132
1,3,5-Trimethylbenzene	50.0	42	83.0	0.337	31.2	76.1 - 121
1,3-Dichlorobenzene	50.0	42	83.1	2.29	22.6	79.1 - 124
1,3-Dichloropropane	50.0	43	86.5	1.54	20.9	83.3 - 130
1,4-Dichlorobenzene	50.0	40	79.9	1.06	21	79.4 - 128
2,2-Dichloropropane	50.0	52	104	0.290	24.5	54.2 - 126
2-Butanone	50.0	52	104	11.2	30	70 - 130
2-Chlorotoluene	50.0	40	80.9	1.79	30.8	60.2 - 144
4-Chlorotoluene	50.0	42	83.1	0.934	23.2	79.8 - 128
Acetone	50.0	42	84.3	23.4	30	70 - 130
Benzene	50.0	48	96.0	3.37	20.8	74.1 - 134
Bromobenzene	50.0	41	81.5	3.44	23	76.6 - 125
Bromochloromethane	50.0	55	110	4.88	18.4	85 - 133
Bromodichloromethane	50.0	48	96.3	0.897	18.1	80.8 - 143
Bromoform	50.0	45	90.7	3.94	27.3	65.8 - 164
Bromomethane	50.0	40	69.4	7.17	22.8	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MSD1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	52	103	0.953	25.1	85.7 - 138
Chlorobenzene	50.0	45	90.5	0.110	21	79.9 - 129
Chloroethane	50.0	43	85.7	4.90	23.7	74.7 - 127
Chloroform	50.0	54	108	3.65	21.7	50.6 - 145
Chloromethane	50.0	27	54.9 *	6.31	21.4	64 - 111
cis-1,2-Dichloroethylene	50.0	50	100	2.70	20.2	75.5 - 129
cis-1,3-Dichloropropylene	50.0	45	90.3	0.243	19.8	74.3 - 128
Dibromochloromethane	50.0	50	99.3	3.42	20.8	76.8 - 150
Dibromomethane	50.0	56	113	0.517	20.4	83.3 - 140
Dichlorodifluoromethane	50.0	27	53.8	2.48	27.6	51 - 100
Ethyl Benzene	50.0	46	91.0	1.14	21.4	82.9 - 127
Hexachlorobutadiene	50.0	43	86.6	1.61	26	73 - 128
Isopropylbenzene	50.0	42	83.2	0.0481	26.7	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	53	105	10.3	21.2	81.2 - 134
Methylene chloride	50.0	43	75.3	6.86	21.2	57.8 - 103
Naphthalene	50.0	40	80.3	7.90	26.1	80.1 - 122
n-Butylbenzene	50.0	38	76.4	1.87	30.8	72.4 - 120
n-Propylbenzene	50.0	40	80.9	1.16	31	74 - 130
o-Xylene	50.0	45	90.3	0.133	21	78.8 - 122
p- & m- Xylenes	100	92	92.3	0.680	22.5	82.5 - 123
p-Isopropyltoluene	50.0	41	82.2	2.50	25.2	64.9 - 132
sec-Butylbenzene	50.0	41	82.5	1.75	25.2	25.4 - 151
Styrene	50.0	45	90.6	1.38	20	74.1 - 134
tert-Butylbenzene	50.0	42	84.8	0.828	24.8	79.5 - 171
Tetrachloroethylene	50.0	43	86.9	2.01	22.7	72.5 - 130
Toluene	50.0	44	88.0	0.476	21.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	48	96.5	1.86	20.1	83.8 - 140
trans-1,3-Dichloropropylene	50.0	46	92.6	1.57	22.5	74.9 - 136
Trichloroethylene	50.0	44	87.7	1.85	20.7	84.4 - 125
Trichlorofluoromethane	50.0	48	95.9	1.33	24.7	78.7 - 127
Vinyl Chloride	50.0	36	71.1 *	8.13	24.9	72.1 - 116
Vinyl acetate	50.0	45	89.9	11.3	30	70 - 130

FORM IV

PREPARATION BATCH SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Batch: BD31300 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-1A	13D0938-01	V188537W.D	04/26/13 14:25	
MW-1A	13D0938-01	V188566W.D	04/26/13 14:25	
MW-1D	13D0938-04	V188540W.D	04/26/13 14:25	
MW-2A	13D0938-05	V188541W.D	04/26/13 14:25	
MW-2B	13D0938-06	V188542W.D	04/26/13 14:25	
MW-2C	13D0938-07	V188543W.D	04/26/13 14:25	
MW-3A	13D0938-08	V188544W.D	04/26/13 14:25	
MW-3B	13D0938-09	V188545W.D	04/26/13 14:25	
MW-3C	13D0938-10	V188546W.D	04/26/13 14:25	
MW-4A	13D0938-11	V188547W.D	04/26/13 14:25	
MW-4B	13D0938-12	V188548W.D	04/26/13 14:25	
MW-4C	13D0938-13	V188549W.D	04/26/13 14:25	
MW-5A	13D0938-14	V188550W.D	04/26/13 14:25	
Blank	BD31300-BLK1	V188536B.D	04/26/13 14:53	
LCS	BD31300-BS1	V188534L.D	04/26/13 14:53	
LCS Dup	BD31300-BSD1	V188535U.D	04/26/13 14:53	
MW-1B	BD31300-MS1	V188551M.D	04/26/13 14:53	

FORM IV

PREPARATION BATCH SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Batch: BD31338 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-1B	13D0938-02	V188567W.D	04/29/13 11:17	From BD31300 by EKM on 04/29/2013
MW-1C	13D0938-03	V188568W.D	04/29/13 11:17	From BD31300 by EKM on 04/29/2013
MW-5D	13D0938-15	V188558W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
MW-6A	13D0938-16	V188559W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
MW-6D	13D0938-17	V188560W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
MW-7A	13D0938-18	V188561W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
MW-7D	13D0938-19	V188562W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
FB-Field Blank	13D0938-20	V188563W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
Trip Blanks	13D0938-21	V188564W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
Field Duplicate	13D0938-22	V188565W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
Blank	BD31338-BLK1	V188557B.D	04/29/13 08:30	
LCS	BD31338-BS1	V188555L.D	04/29/13 08:30	
MW-5D	BD31338-MS1	V188570M.D	04/29/13 08:30	
MW-5D	BD31338-MSD1	V188571D.D	04/29/13 08:30	

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Lab File ID: V188256B.D
Instrument ID: VOA No. 1
Calibration: V1C00360

SDG: 13D0938
Project: Deluxe
BFB Injection Date: 04/17/13
BFB InjectionTime: 15:46

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	19.0	
75	30.0-60.0% of mass 95	44.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.3	
173	Less than 2.0% of mass 174	0.0	(76.9) 1
174	50.0-100.0% of mass 95	76.9	
175	5.0-9.0% of mass 174	7.2	(76.9) 1
176	94.0-101.0% of mass 174	95.2	(76.9) 1
177	5.0-9.0% of mass 176	6.8	(95.2) 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
1		5 ppb VOA CALIBRATION STD	V188257C.D	04/17/13	16:25
2		10 ppb VOA CALIBRATION STD	V188258C.D	04/17/13	17:03
3		20 ppb VOA CALIBRATION STD	V188259C.D	04/17/13	17:41
4		50 ppb VOA CALIBRATION STD	V188260C.D	04/17/13	18:20
5		100 ppb VOA CALIBRATION STD	V188261C.D	04/17/13	18:58
6		200 ppb VOA CALIBRATION STD	V188262C.D	04/17/13	19:37
7		50 ppb VOA ICV STD	V188264C.D	04/17/13	20:53
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Lab File ID: V188533C.D
Instrument ID: VOA No. 1
Calibration: V1C00360

SDG: 13D0938
Project: Deluxe
BFB Injection Date: 04/26/13
BFB InjectionTime: 20:55

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	19.7	
75	30.0-60.0% of mass 95	43.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	5.9	
173	Less than 2.0% of mass 174	0.0	(79.0) 1
174	50.0-100.0% of mass 95	79.0	
175	5.0-9.0% of mass 174	7.6	(79.0) 1
176	94.0-101.0% of mass 174	98.3	(79.0) 1
177	5.0-9.0% of mass 176	6.8	(98.3) 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
1		BD31300-BS1	V188534L.D	04/26/13	21:33
2		BD31300-BSD1	V188535U.D	04/26/13	22:12
3		BD31300-BLK1	V188536B.D	04/26/13	22:50
4	MW-1A	13D0938-01	V188537W.D	04/26/13	23:29
5	MW-1D	13D0938-04	V188540W.D	04/27/13	01:25
6	MW-2A	13D0938-05	V188541W.D	04/27/13	02:04
7	MW-2B	13D0938-06	V188542W.D	04/27/13	02:43
8	MW-2C	13D0938-07	V188543W.D	04/27/13	03:23
9	MW-3A	13D0938-08	V188544W.D	04/27/13	04:02
10	MW-3B	13D0938-09	V188545W.D	04/27/13	04:41
11	MW-3C	13D0938-10	V188543W.D	04/27/13	05:20
12	MW-4A	13D0938-11	V188547W.D	04/27/13	05:59
13	MW-4B	13D0938-12	V188548W.D	04/27/13	06:39
14	MW-4C	13D0938-13	V188549W.D	04/27/13	07:18
15	MW-5A	13D0938-14	V188550W.D	04/27/13	07:57
16	MW-1B MS	13D0938-02 MS	V188551M.W	04/27/13	08:36
17					
18					
19					
20					
21					
22					

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Lab File ID: V188554C.D
Instrument ID: VOA No. 1
Calibration: V1C00360

SDG: 13D0938
Project: Deluxe
BFB Injection Date: 04/29/13
BFB InjectionTime: 10:03

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	20.4	
75	30.0-60.0% of mass 95	43.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.2	
173	Less than 2.0% of mass 174	0.0	(78.6) 1
174	50.0-100.0% of mass 95	78.6	
175	5.0-9.0% of mass 174	6.7	(78.6) 1
176	94.0-101.0% of mass 174	100.5	(78.6) 1
177	5.0-9.0% of mass 176	6.3	(100.5) 2

1- Value is % mass 174

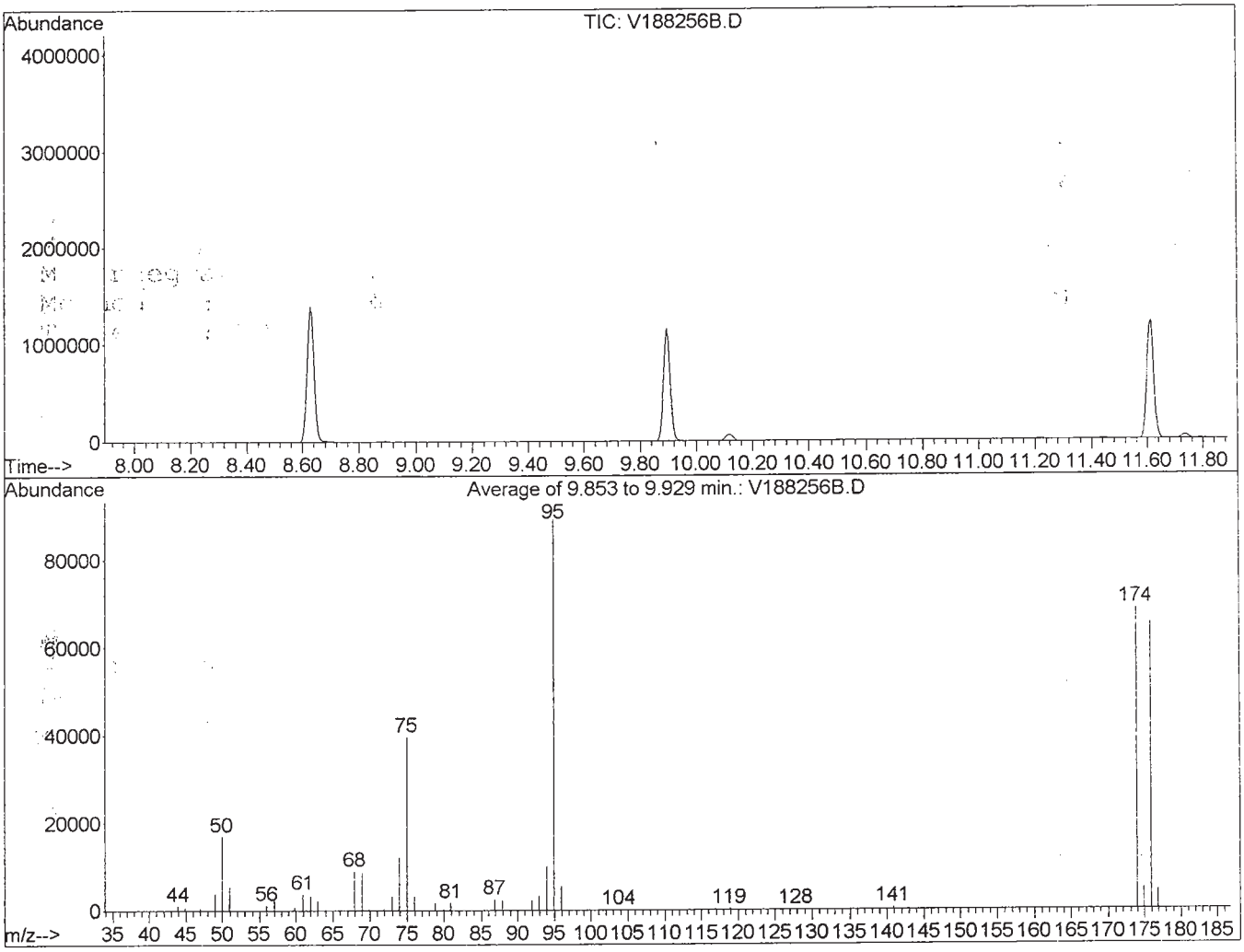
2-Value is % mass 176

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
1		BD31338-BS1	V188555L.D	04/29/13	10:42
2		BD31338-BLK1	V188557B.D	04/29/13	12:00
3	MW-5D	13D0938-15	V188558W.D	04/29/13	12:38
4	MW-6A	13D0938-16	V188559W.D	04/29/13	13:17
5	MW-6D	13D0938-17	V188560W.D	04/29/13	13:56
6	MW-7A	13D0938-18	V188561W.D	04/29/13	14:34
7	MW-7D	13D0938-19	V188562W.D	04/29/13	15:13
8	FB-Field Blank	13D0938-20	V188563W.D	04/29/13	15:51
9	Trip Blanks	13D0938-21	V188564W.D	04/29/13	16:29
10	Field Duplicate	13D0938-22	V188565W.D	04/29/13	17:08
11	MW-1A (10X)	13D0938-01 (10X)	V188566W.D	04/29/13	17:46
12	MW-1B	13D0938-02	V188567W.D	04/29/13	18:25
13	MW-1C	13D0938-03	V188568W.D	04/29/13	19:03
14	MW-5D MS	13D0938-15 MS	V188570M.D	04/29/13	20:20
15	MW-5D MSD	13D0938-15 MSD	V188571D.D	04/29/13	20:59
16					
17					
18					
19					
20					
21					
22					

Data File : C:\HPCHEM\1\DATA\V1041713\V188256B.D
Acq On : 17 Apr 2013 3:46 pm
Sample : MBLK
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260

Vial: 5
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

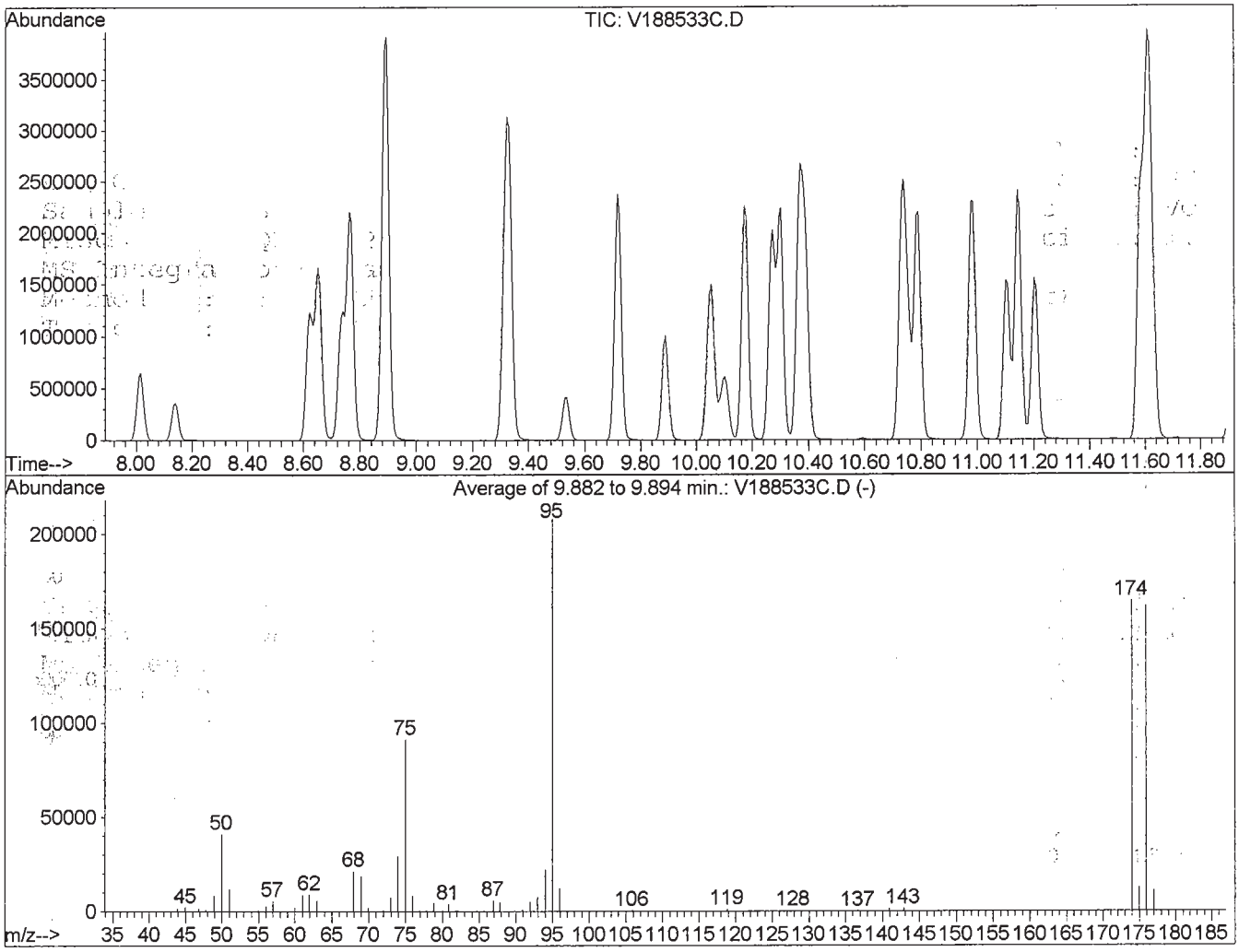


Spectrum Information: Average of 9.853 to 9.929 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	16989	PASS
75	95	30	60	44.5	39698	PASS
95	95	100	100	100.0	89192	PASS
96	95	5	9	6.3	5605	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.9	68566	PASS
175	174	5	9	7.2	4930	PASS
176	174	94	101	95.2	65302	PASS
177	176	5	9	6.8	4451	PASS

V188256B.D V1C00360.M Thu Apr 18 08:44:07 2013

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260



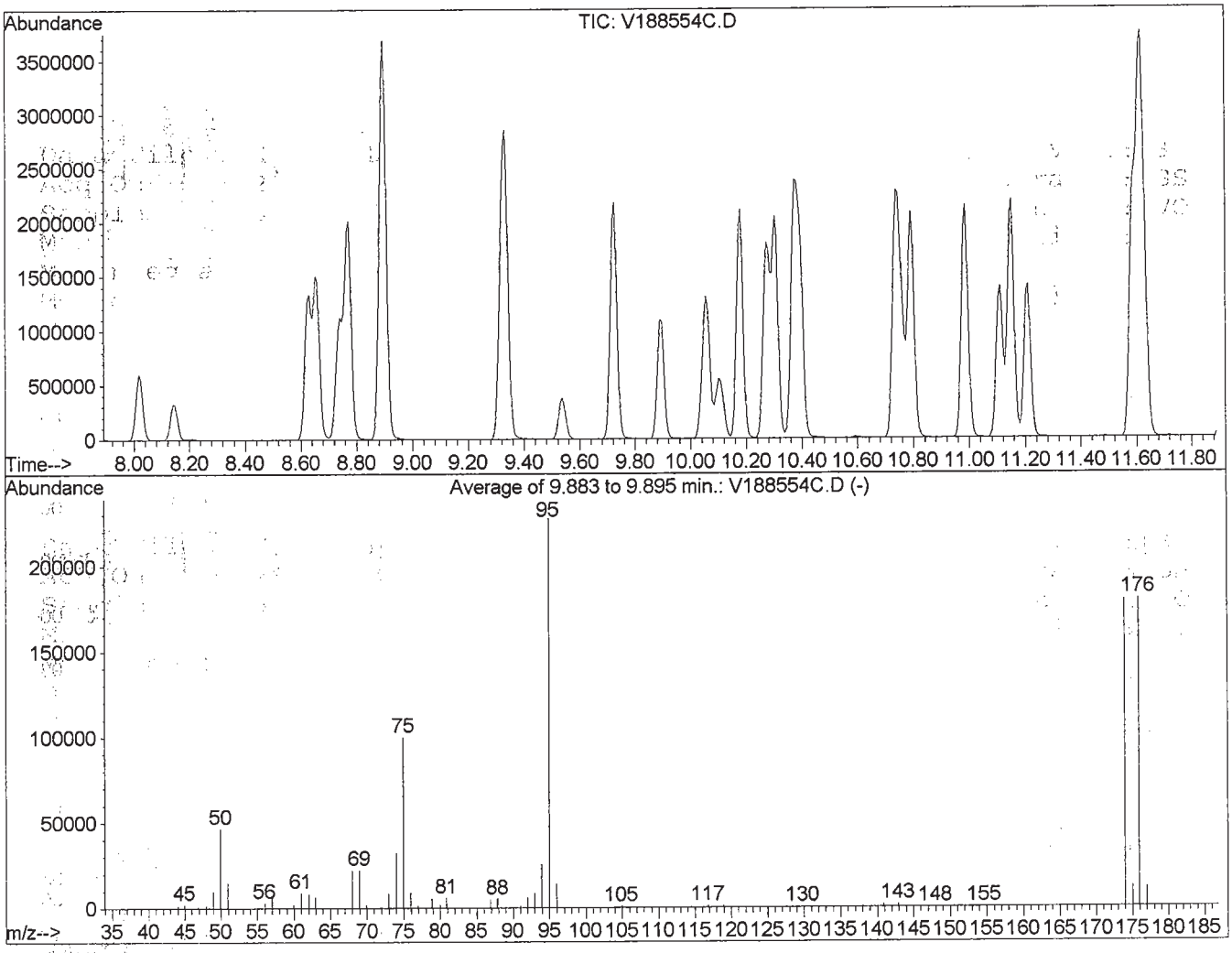
Spectrum Information: Average of 9.882 to 9.894 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	41045	PASS
75	95	30	60	43.8	91208	PASS
95	95	100	100	100.0	208149	PASS
96	95	5	9	5.9	12207	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.0	164523	PASS
175	174	5	9	7.6	12536	PASS
176	174	94	101	98.3	161749	PASS
177	176	5	9	6.8	11058	PASS

V188533C.D V1C00360.M Mon Apr 29 16:12:28 2013

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D
Acq On : 29 Apr 2013 10:03 am
Sample : 50 ppb VOA CAL CHECK STD
Misc : QBV1042913A
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260

Vial: 3
Operator: SS
Inst : VOA No.1
Multiplr: 1.00



Spectrum Information: Average of 9.883 to 9.895 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.4	46624	PASS
75	95	30	60	43.9	100088	PASS
95	95	100	100	100.0	228203	PASS
96	95	5	9	6.2	14259	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.6	179477	PASS
175	174	5	9	6.7	12096	PASS
176	174	94	101	100.5	180309	PASS
177	176	5	9	6.3	11356	PASS

V188554C.D V1C00360.M Tue Apr 30 15:16:46 2013

Form 8A

Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Sequence: QBV1042613B
Calibration: V1C00360
Lab File ID: V188533C.D

SDG: 13D0938
Project: Deluxe
Instrument: VOA No. 1
Date Analyzed: 04/26/13
Time Analyzed: 20:55

	IS 1 (FBZ) Area	RT	IS 2 (CBZ) Area	RT	IS 3 (DCB) Area	RT
12 Hour Std	130880	5.62	737609	8.62	306203	11.60
Upper Limit	261760	6.12	1475218	9.12	612406	12.10
Lower Limit	65440	5.12	368805	8.12	153102	11.10
Client Sample ID						
BD31300-BS1	135427	5.61	765696	8.62	309414	11.60
BD31300-BSD1	141825	5.61	792719	8.62	322528	11.60
BD31300-BLK1	120990	5.61	673782	8.62	268283	11.60
MW-1A	117733	5.61	658435	8.62	266461	11.60
MW-1D	116238	5.60	648071	8.61	271228	11.60
MW-2A	124458	5.61	687411	8.62	281025	11.60
MW-2B	120929	5.61	687128	8.62	287076	11.60
MW-2C	127158	5.61	739765	8.62	306738	11.60
MW-3A	121677	5.61	673175	8.62	277365	11.60
MW-3B	129668	5.61	719072	8.62	298989	11.60
MW-3C	118794	5.61	675363	8.62	276112	11.60
MW-4A	119305	5.61	672519	8.62	279546	11.60
MW-4B	118691	5.61	661904	8.62	270293	11.60
MW-4C	120352	5.61	670959	8.62	282944	11.60
MW-5A	113057	5.61	648884	8.62	274383	11.60
MW-1B MS	119758	5.61	693556	8.62	282057	11.60

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

Area Upper Limit +100% of internal standard area
Area Lower Limit -50% of internal standard area
RT Upper Limit +0.50 minutes of internal standard RT
RT Upper Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

Form 8A

Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Sequence: QBV1042913A
Calibration: V1C00360
Lab File ID: V188554C.D

SDG: 13D0938
Project: Deluxe
Instrument: VOA No. 1
Date Analyzed: 04/29/13
Time Analyzed: 10:03

	IS 1 (FBZ)		IS 2 (CBZ)		IS 3 (DCB)	
	Area	RT	Area	RT	Area	RT
12 Hour Std	138081	5.62	806186	8.63	333060	11.61
Upper Limit	276162	6.12	1612372	9.13	666120	12.11
Lower Limit	69041	5.12	403093	8.13	166530	11.11
Client Sample ID						
BD31338-BS1	129342	5.61	743770	8.62	309390	11.61
BD31338-BLK1	129050	5.62	761774	8.63	328655	11.61
MW-5D	113343	5.62	645617	8.63	285127	11.61
MW-6A	125547	5.61	728058	8.62	312239	11.61
MW-6D	129432	5.61	742840	8.63	309688	11.61
MW-7A	135904	5.62	775047	8.63	321199	11.61
MW-7D	110567	5.62	651395	8.63	275275	11.61
FB-Field Blank	125705	5.62	728928	8.63	309505	11.61
Trip Blanks	118497	5.62	696529	8.63	296794	11.61
Field Duplicate	107456	5.62	610499	8.63	259500	11.61
MW-1A (10X)	124701	5.62	715678	8.63	298155	11.61
MW-1B	121499	5.62	697708	8.63	292865	11.61
MW-1C	119137	5.62	714402	8.63	303974	11.61
MW-5D MS	122383	5.62	692607	8.63	302189	11.61
MW-5D MSD	127422	5.61	744846	8.63	320405	11.61

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

Area Upper Limit +100% of internal standard area
Area Lower Limit -50% of internal standard area
RT Upper Limit +0.50 minutes of internal standard RT
RT Upper Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 13D0938

Client: Leggette Brashears & Graham White Plains Office **Project:** Deluxe

Matrix: Water **Instrument:**

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	2.5	5.0	ug/L
1,1,1-Trichloroethane	2.5	5.0	ug/L
1,1,2,2-Tetrachloroethane	2.5	5.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	2.5	5.0	ug/L
1,1,2-Trichloroethane	2.5	5.0	ug/L
1,1-Dichloroethane	2.5	5.0	ug/L
1,1-Dichloroethylene	2.5	5.0	ug/L
1,1-Dichloropropylene	2.5	5.0	ug/L
1,2,3-Trichlorobenzene	2.5	5.0	ug/L
1,2,3-Trichloropropane	2.5	5.0	ug/L
1,2,4-Trichlorobenzene	2.5	5.0	ug/L
1,2,4-Trimethylbenzene	2.5	5.0	ug/L
1,2-Dibromo-3-chloropropane	2.5	5.0	ug/L
1,2-Dibromoethane	2.5	5.0	ug/L
1,2-Dichlorobenzene	2.5	5.0	ug/L
1,2-Dichloroethane	2.5	5.0	ug/L
1,2-Dichloropropane	2.5	5.0	ug/L
1,3,5-Trimethylbenzene	2.5	5.0	ug/L
1,3-Dichlorobenzene	2.5	5.0	ug/L
1,3-Dichloropropane	2.5	5.0	ug/L
1,4-Dichlorobenzene	2.5	5.0	ug/L
2,2-Dichloropropane	2.5	5.0	ug/L
2-Butanone	2.5	5.0	ug/L
2-Chlorotoluene	2.5	5.0	ug/L
4-Chlorotoluene	2.5	5.0	ug/L
Acetone	2.5	5.0	ug/L
Benzene	2.5	5.0	ug/L
Bromobenzene	2.5	5.0	ug/L
Bromochloromethane	2.5	5.0	ug/L
Bromodichloromethane	2.5	5.0	ug/L
Bromoform	2.5	5.0	ug/L
Bromomethane	2.5	5.0	ug/L
Carbon tetrachloride	2.5	5.0	ug/L
Chlorobenzene	2.5	5.0	ug/L
Chloroethane	2.5	5.0	ug/L
Chloroform	2.5	5.0	ug/L
Chloromethane	2.5	5.0	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 13D0938

Client: Leggette Brashears & Graham White Plains Office **Project:** Deluxe

Matrix: Water **Instrument:**

Analyte	LOD	LOQ	Units
cis-1,2-Dichloroethylene	2.5	5.0	ug/L
cis-1,3-Dichloropropylene	2.5	5.0	ug/L
Dibromochloromethane	2.5	5.0	ug/L
Dibromomethane	2.5	5.0	ug/L
Dichlorodifluoromethane	2.5	5.0	ug/L
Ethyl Benzene	2.5	5.0	ug/L
Hexachlorobutadiene	2.5	5.0	ug/L
Isopropylbenzene	2.5	5.0	ug/L
Methyl tert-butyl ether (MTBE)	2.5	5.0	ug/L
Methylene chloride	2.5	5.0	ug/L
Naphthalene	2.5	5.0	ug/L
n-Butylbenzene	2.5	5.0	ug/L
n-Propylbenzene	2.5	5.0	ug/L
o-Xylene	2.5	5.0	ug/L
p- & m- Xylenes	5.0	10	ug/L
p-Isopropyltoluene	2.5	5.0	ug/L
sec-Butylbenzene	2.5	5.0	ug/L
Styrene	2.5	5.0	ug/L
tert-Butylbenzene	2.5	5.0	ug/L
Tetrachloroethylene	2.5	5.0	ug/L
Toluene	2.5	5.0	ug/L
trans-1,2-Dichloroethylene	2.5	5.0	ug/L
trans-1,3-Dichloropropylene	2.5	5.0	ug/L
Trichloroethylene	2.5	5.0	ug/L
Trichlorofluoromethane	2.5	5.0	ug/L
Vinyl Chloride	2.5	5.0	ug/L
Xylenes, Total	7.5	15	ug/L
Vinyl acetate	2.5	5.0	ug/L

FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-1A**

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-01 File ID: V188537W.D

Sampled: 04/23/13 17:30 Prepared: 04/26/13 14:25 Analyzed: 04/26/13 23:29

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	2.5	J
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	40	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-01 File ID: V188537W.D

Sampled: 04/23/13 17:30 Prepared: 04/26/13 14:25 Analyzed: 04/26/13 23:29

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	20	740	D
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	20	300	D
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	50.9	102	72.6 - 129	
p-Bromofluorobenzene	50.0	50.5	101	63.5 - 145	
Toluene-d8	50.0	48.5	96.9	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188537W.D Vial: 24
Acq On : 26 Apr 2013 11:29 pm Operator: SS
Sample : 13D0938-01 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:01 2013 Quant Results File: V1C00360.RES

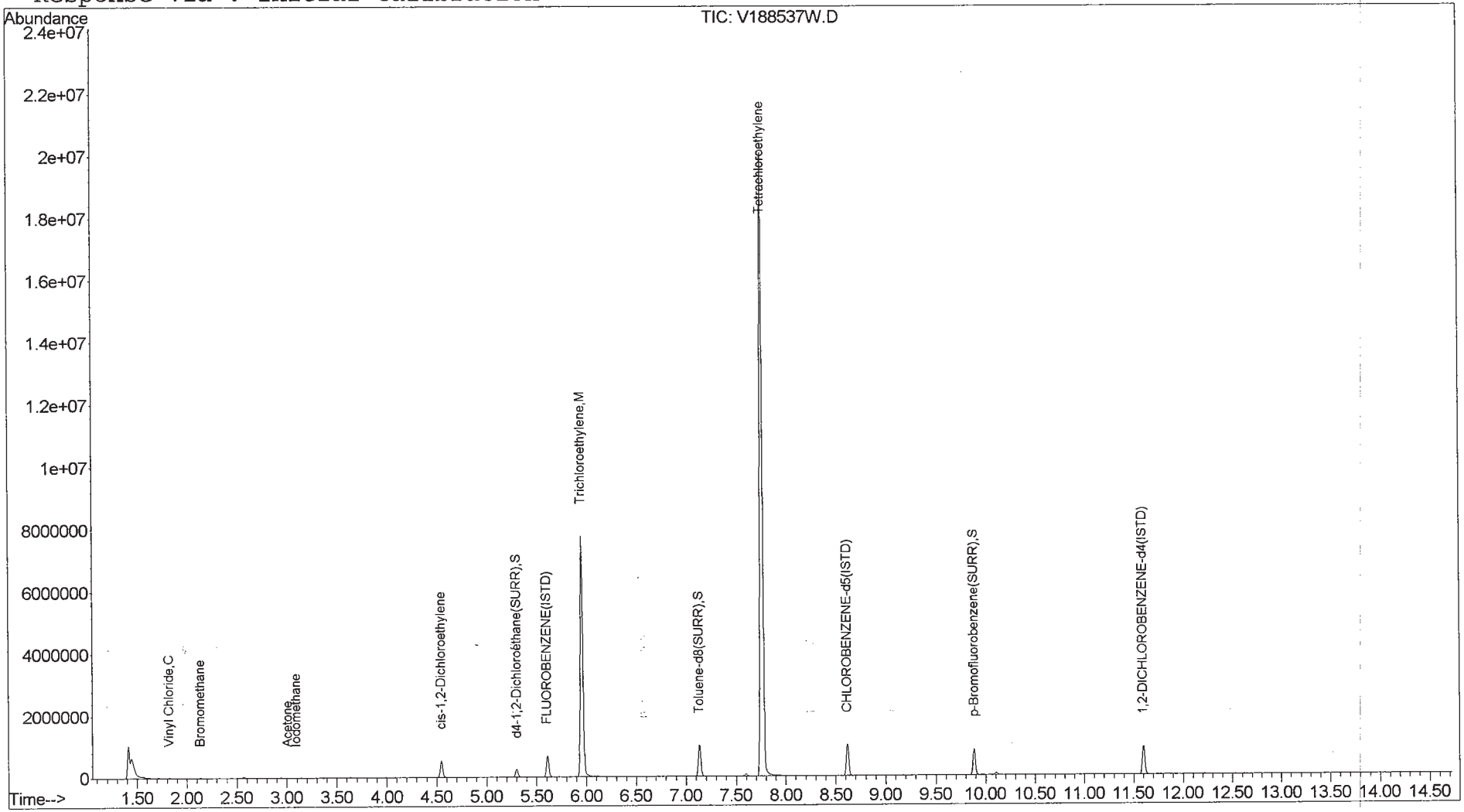
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

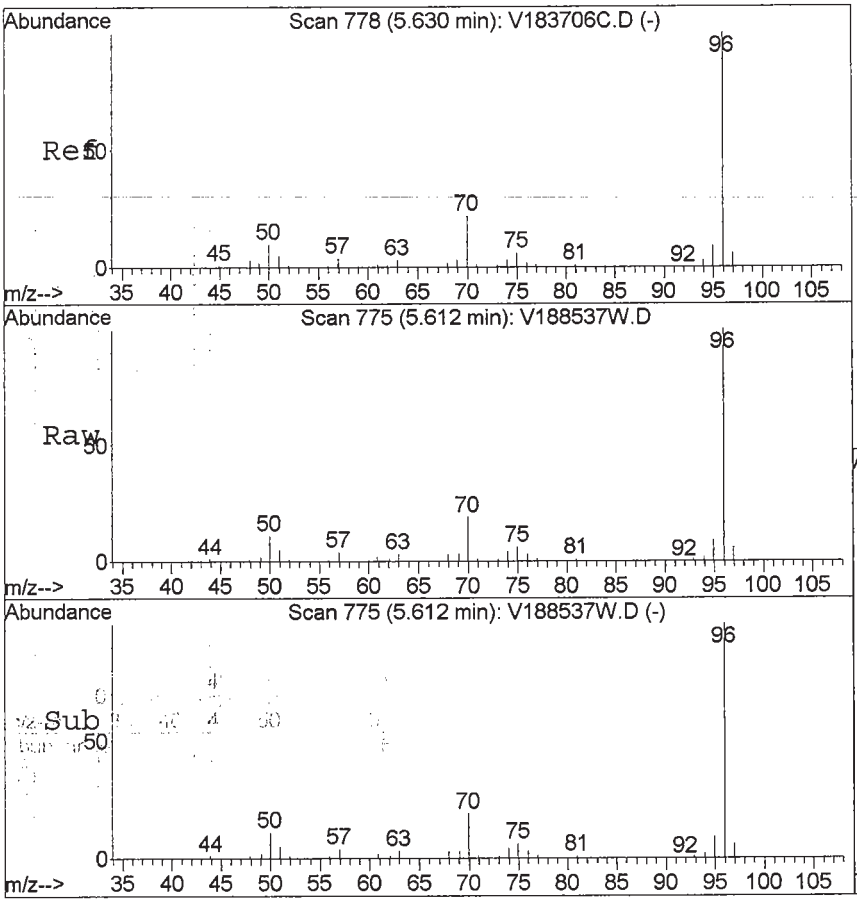
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	117733	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	658435	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	266461	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	174303	50.91	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.82%			
47) Toluene-d8(SURR)	7.13	98	684288	48.47	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.94%			
64) p-Bromofluorobenzene(SURR)	9.88	174	271809	50.47	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.94%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.82	62	8188	1.49	ppb	# 86
5) Bromomethane	2.14	94	6283	1.66	ppb	# 83
12) Iodomethane	3.09	142	7329	1.80	ppb	# 88
20) Acetone	3.01	43	3326	2.53	ppb	# 94
23) cis-1,2-Dichloroethylene	4.55	96	235588	39.97	ppb	# 99
37) Trichloroethylene	5.95	95	2433692	343.59	ppb	99
52) Tetrachloroethylene	7.76	166	6523878	818.22	ppb	100

(#) = qualifier out of range (m) = manual integration
V188537W.D V1C00360.M Mon Apr 29 16:02:33 2013 Page 1

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188537W.D Vial: 24
Acq On : 26 Apr 2013 11:29 pm Operator: SS
Sample : 13D0938-01 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:01 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

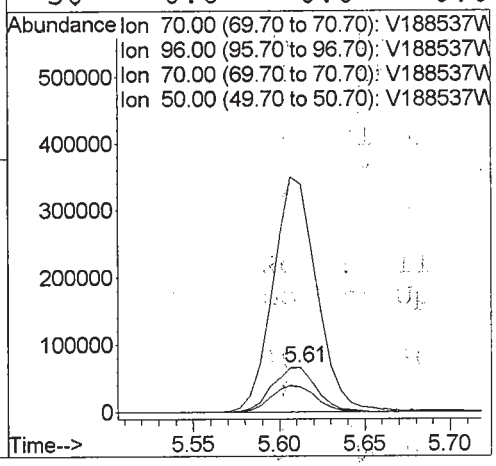


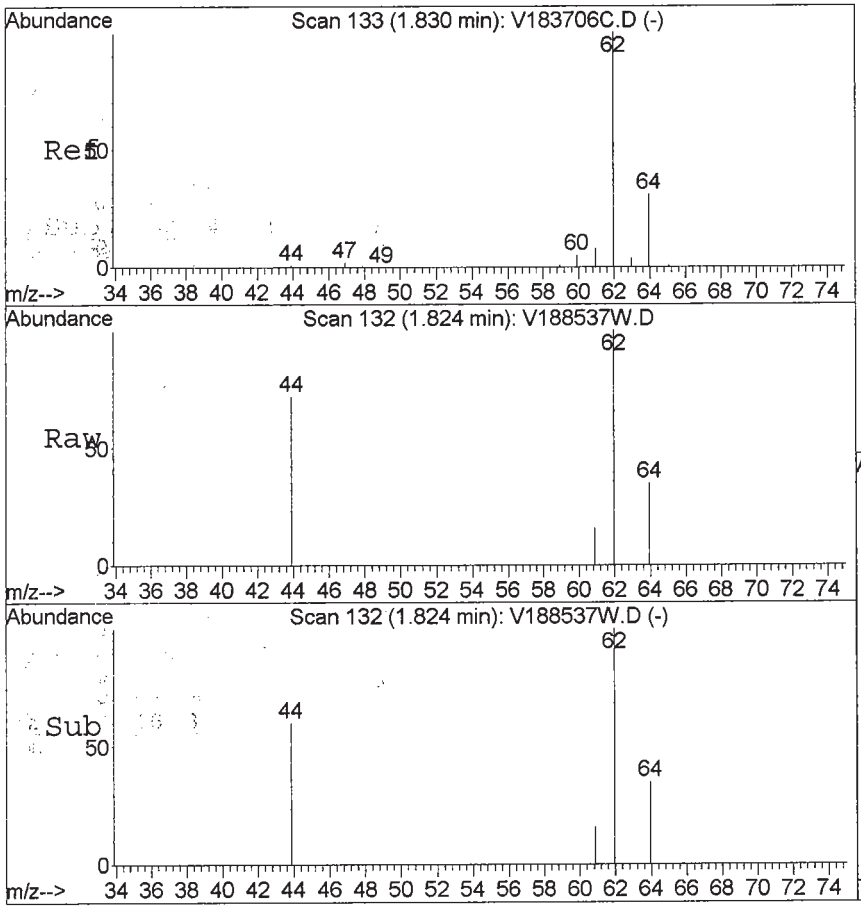


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 70 Resp: 117733

Ion	Ratio	Lower	Upper
70	100		
96	0.0	400.1	600.1#
70	100.0	80.0	120.0
50	0.0	0.0	0.0

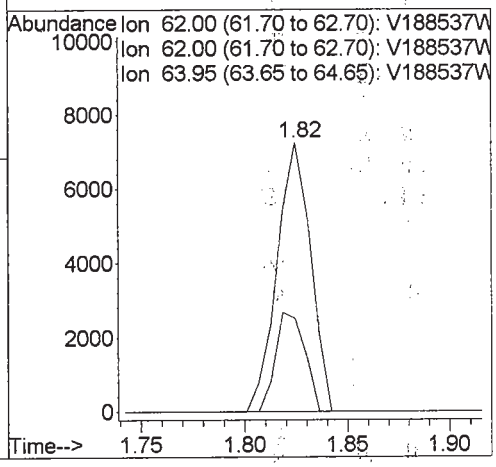


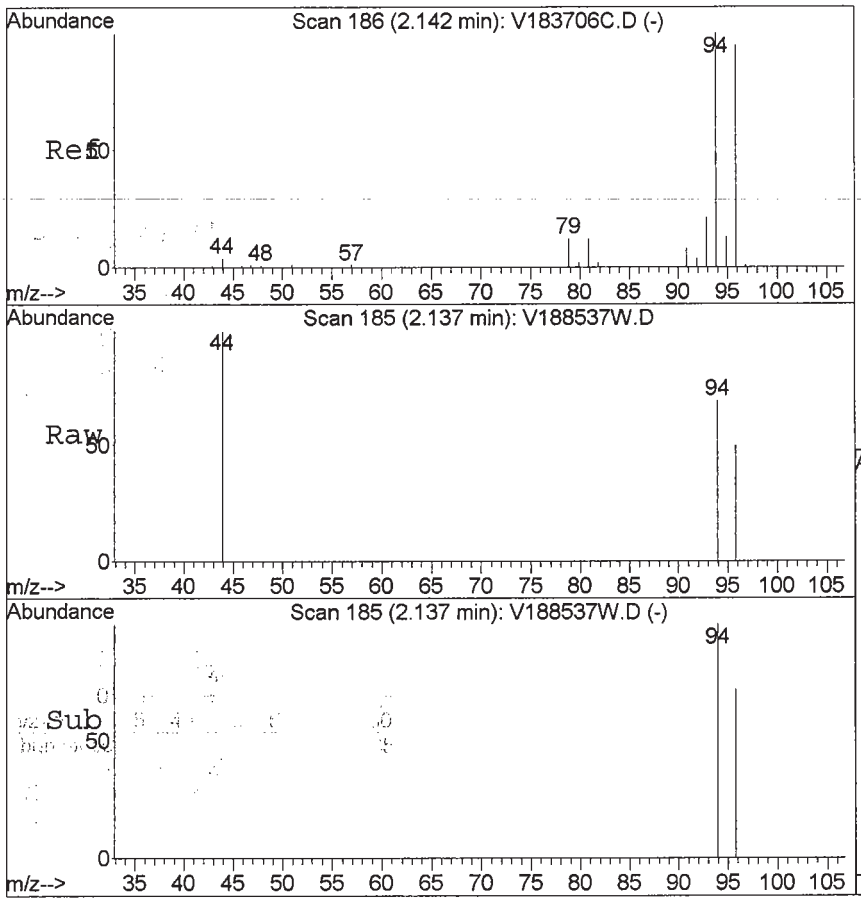


#4
Vinyl Chloride
Concen: 1.49 ppb
RT: 1.82 min Scan# 132
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 62 Resp: 8188

Ion	Ratio	Lower	Upper
62	100		
62	100.0	80.0	120.0
64	0.0	25.9	38.9#

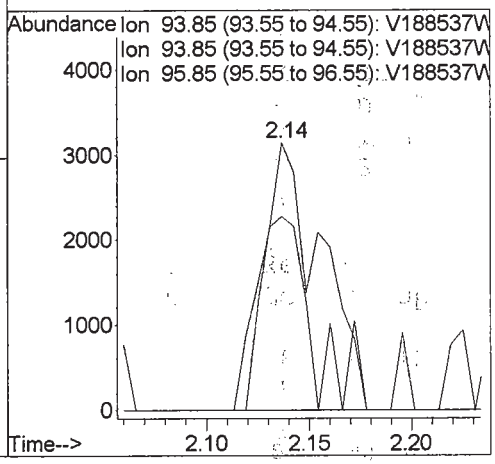


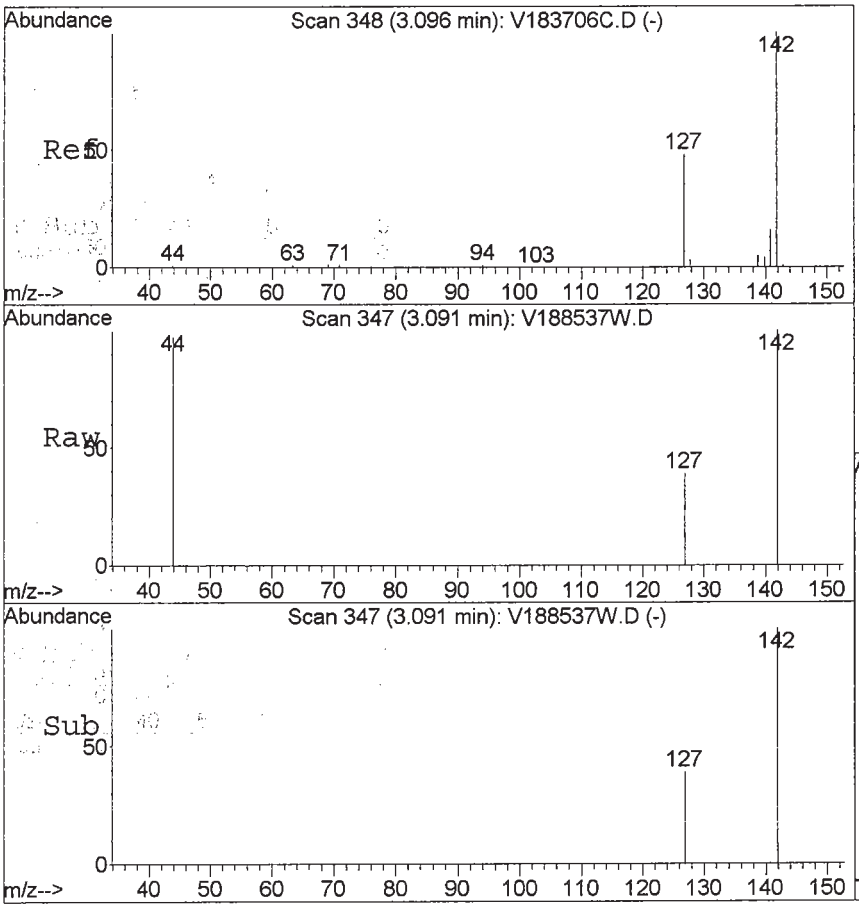


#5
Bromomethane
Concen: 1.66 ppb
RT: 2.14 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 94 Resp: 6283

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	62.6	77.5	116.3#

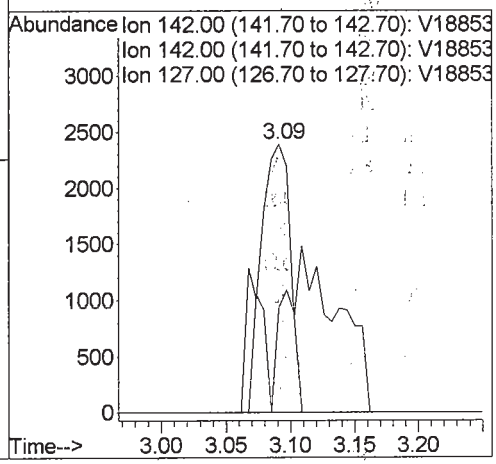


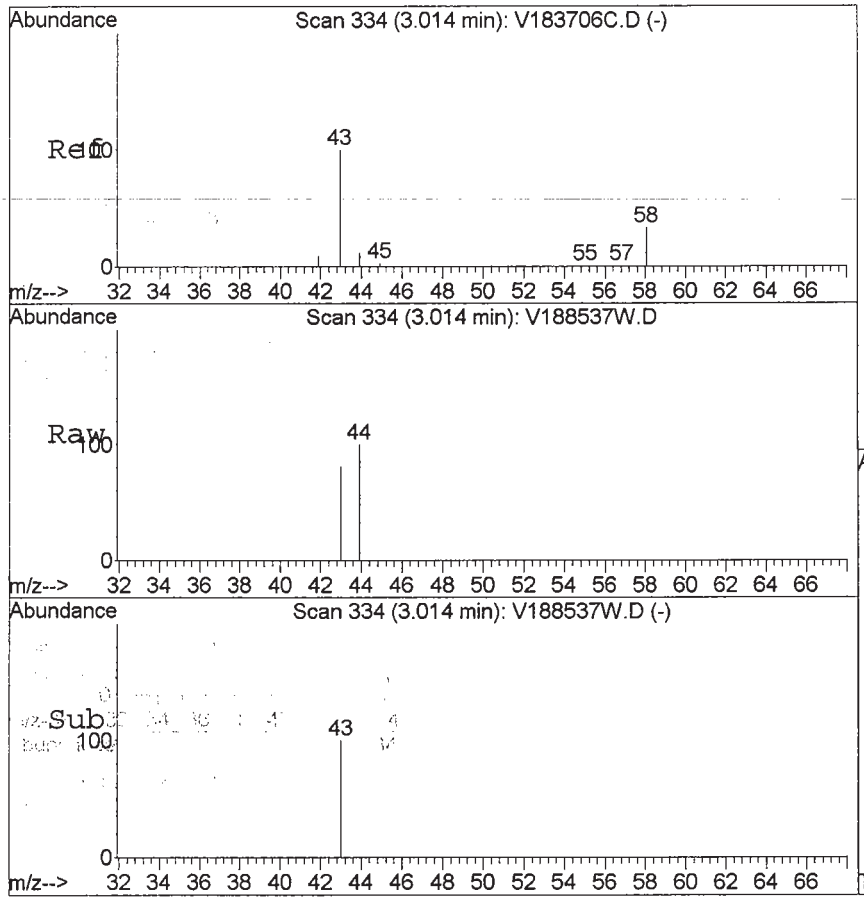


#12
Iodomethane
Concen: 1.80 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:142 Resp: 7329

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	23.6	24.3	72.8#

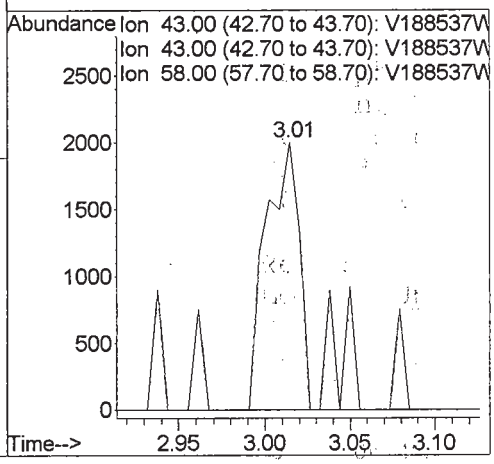


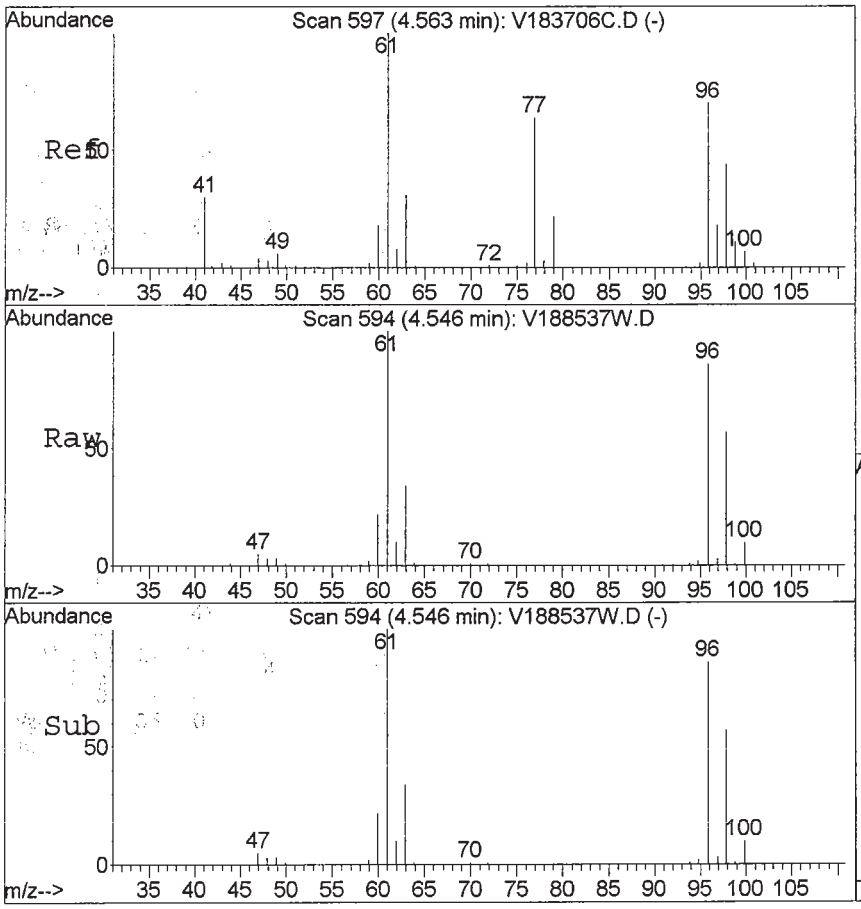


#20
Acetone
Concen: 2.53 ppb
RT: 3.01 min Scan# 334
Delta R.T. 0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 43 Resp: 3326

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	14.5	21.7#

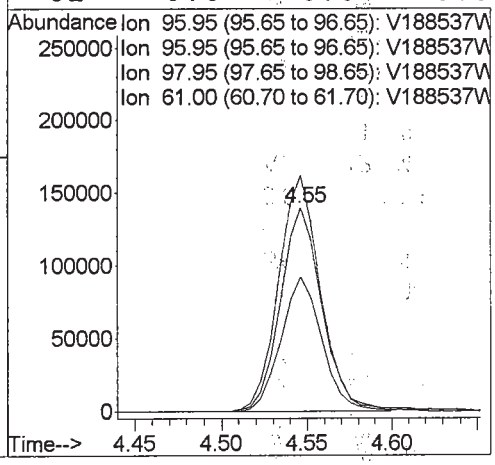


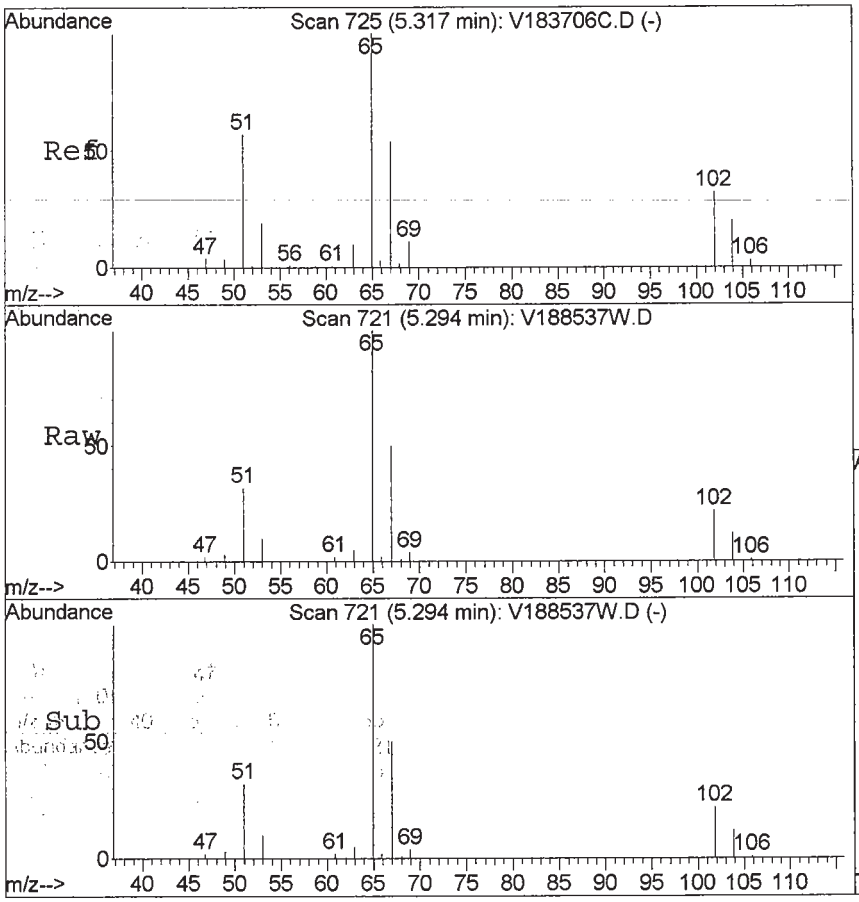


#23
cis-1,2-Dichloroethylene
Concen: 39.97 ppb
RT: 4.55 min Scan# 594
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 96 Resp: 235588

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	65.1	53.8	80.8
61	0.0	0.0	0.0

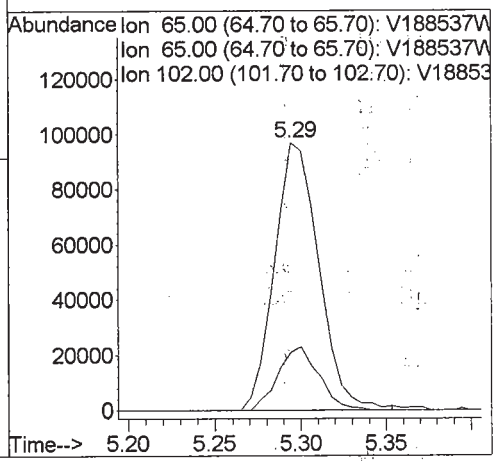


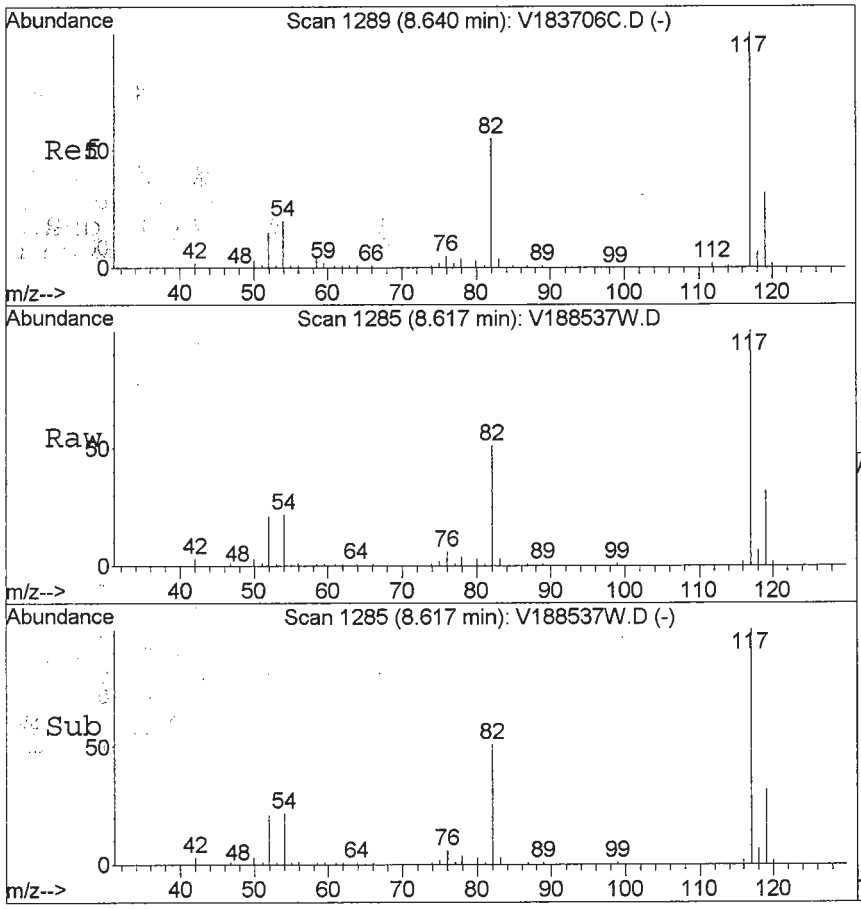


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 65 Resp: 174303

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	21.9	15.8	23.8

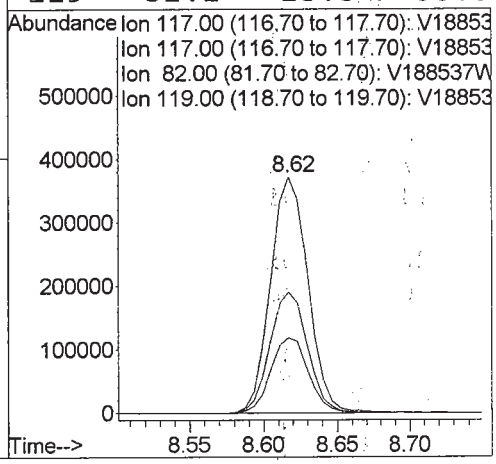


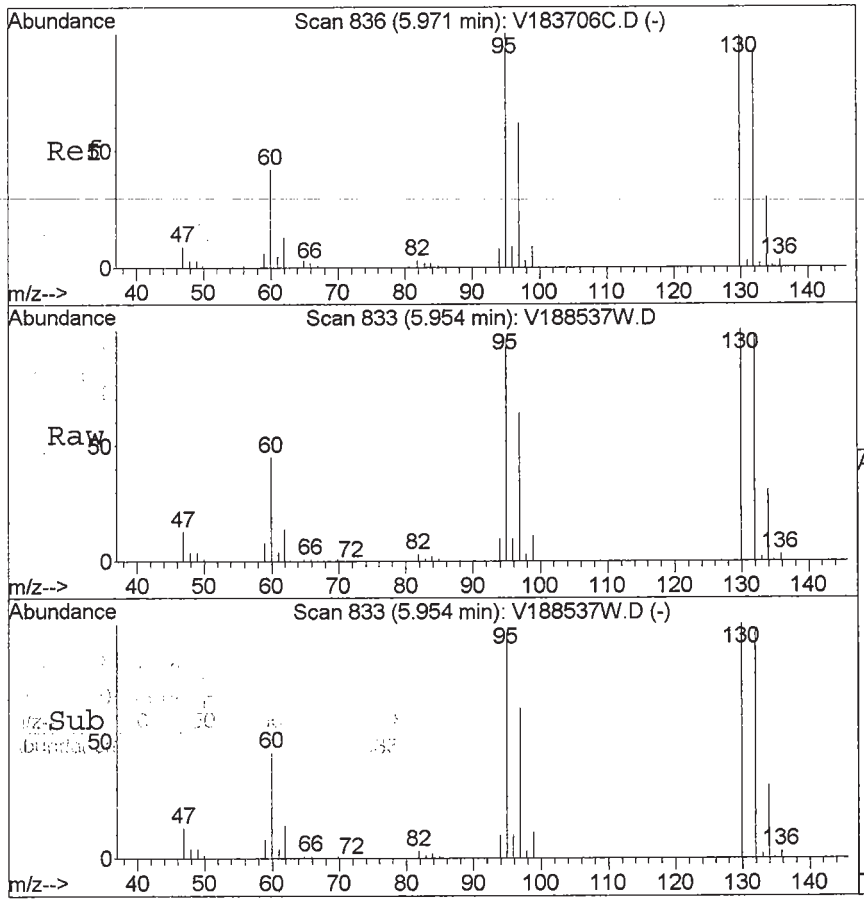


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:117 Resp: 658435

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.2	25.5	38.3

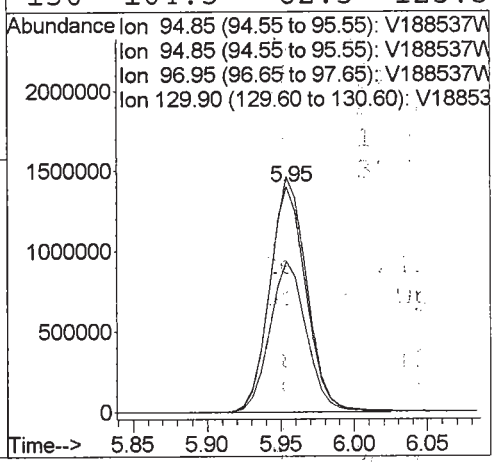


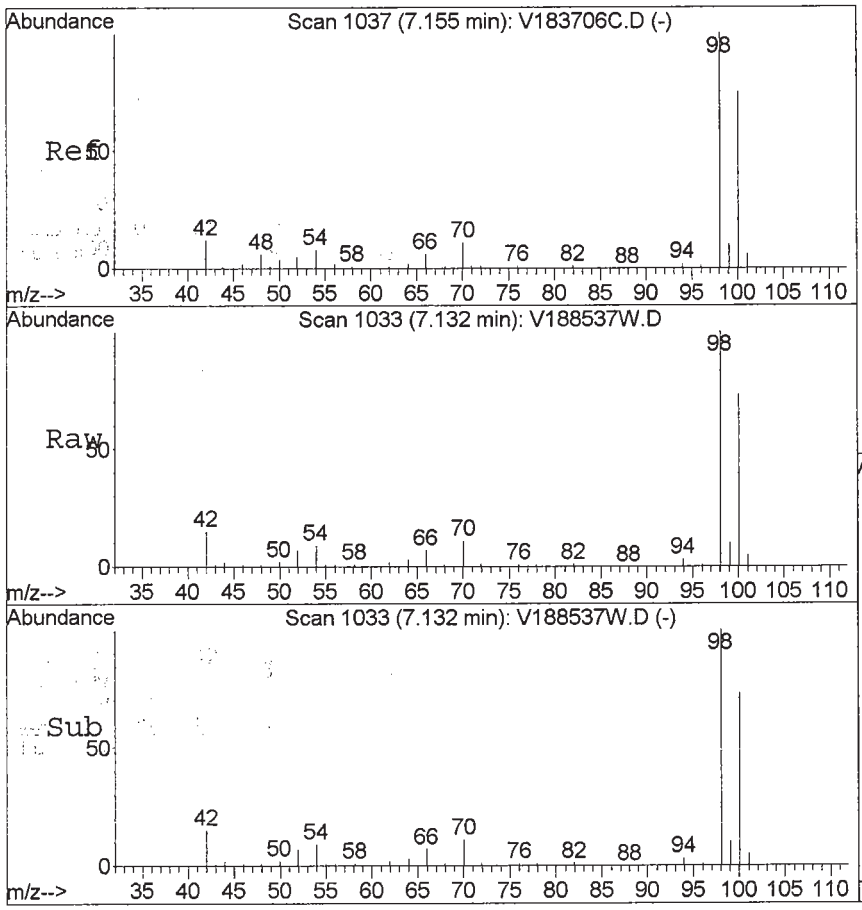


#37
Trichloroethylene
Concen: 343.59 ppb
RT: 5.95 min Scan# 833
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 95 Resp: 2433692

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	66.9	53.6	80.4
130	104.3	82.3	123.5

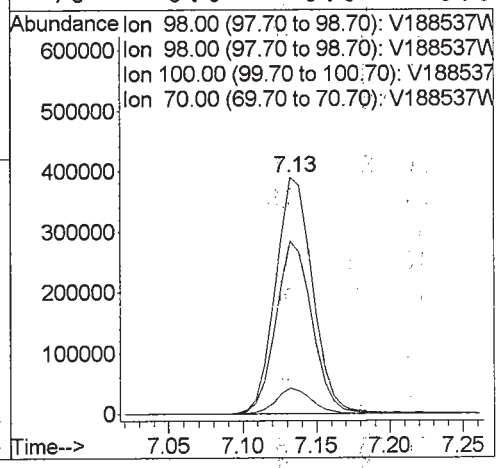


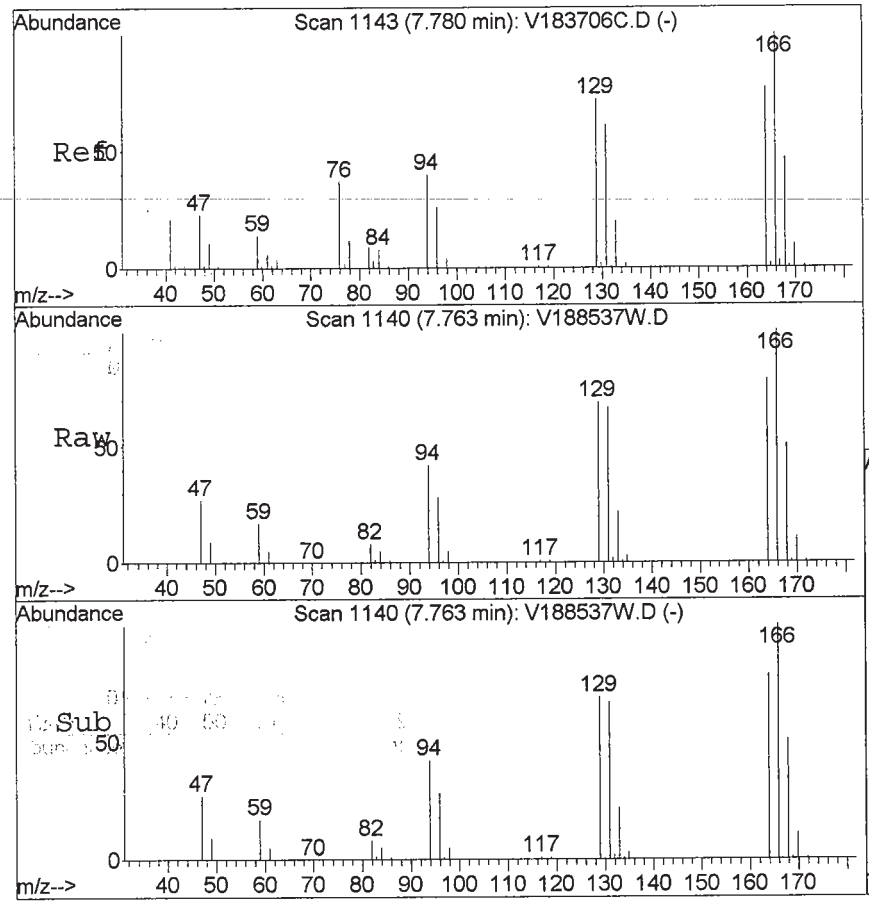


#47
Toluene-d8(SURR)
Concen: Below ppb
RT: 7.13 min Scan# 1033
Delta R.T. -0.02 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 98 Resp: 684288

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.0	35.3	105.7
70	0.0	0.0	0.0

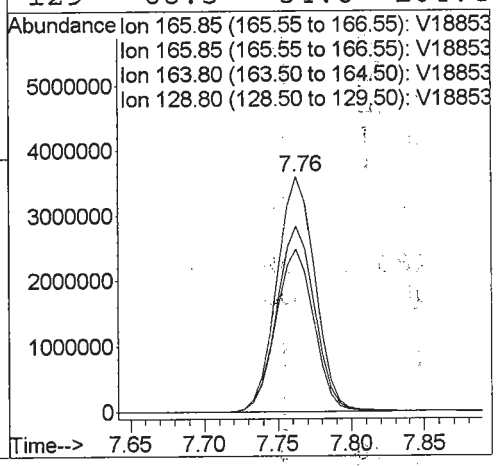


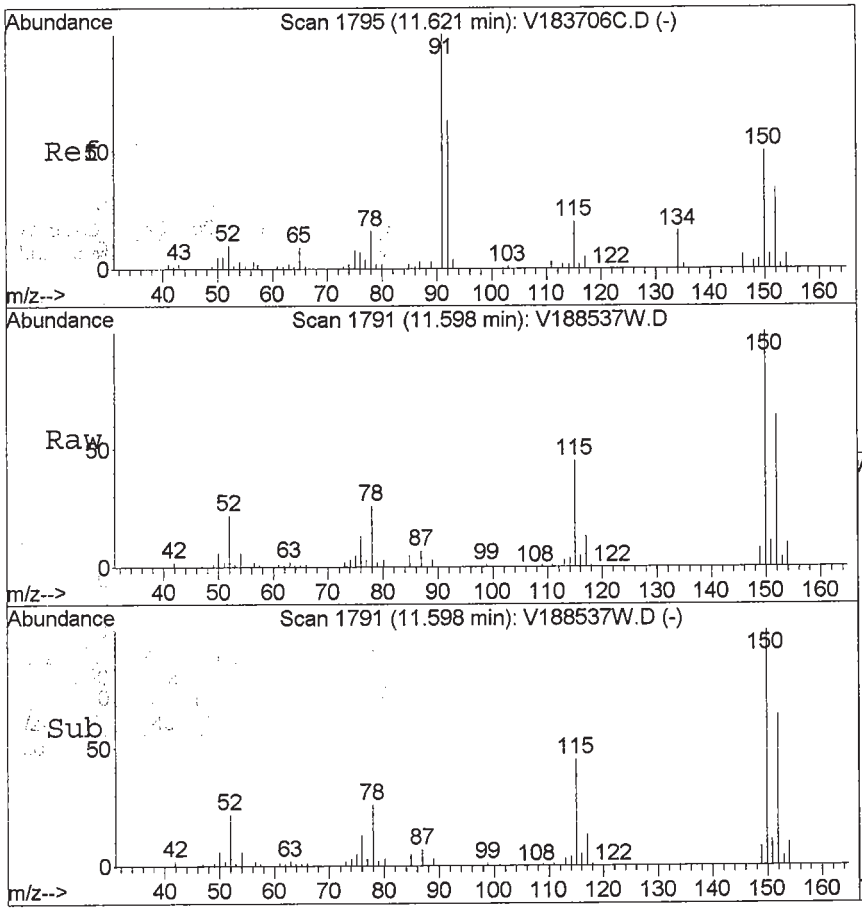


#52
Tetrachloroethylene
Concen: 818.22 ppb
RT: 7.76 min Scan# 1140
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:166 Resp: 6523878

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	78.1	39.1	117.5
129	68.3	34.8	104.4

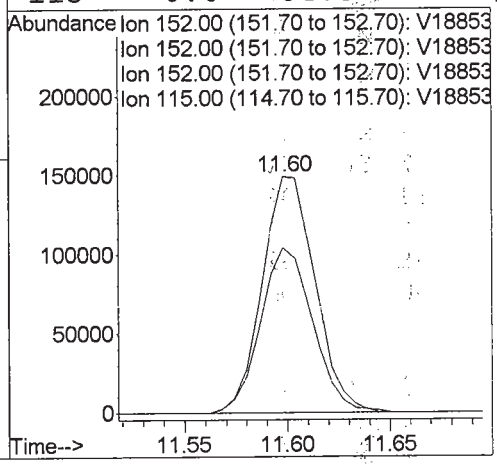


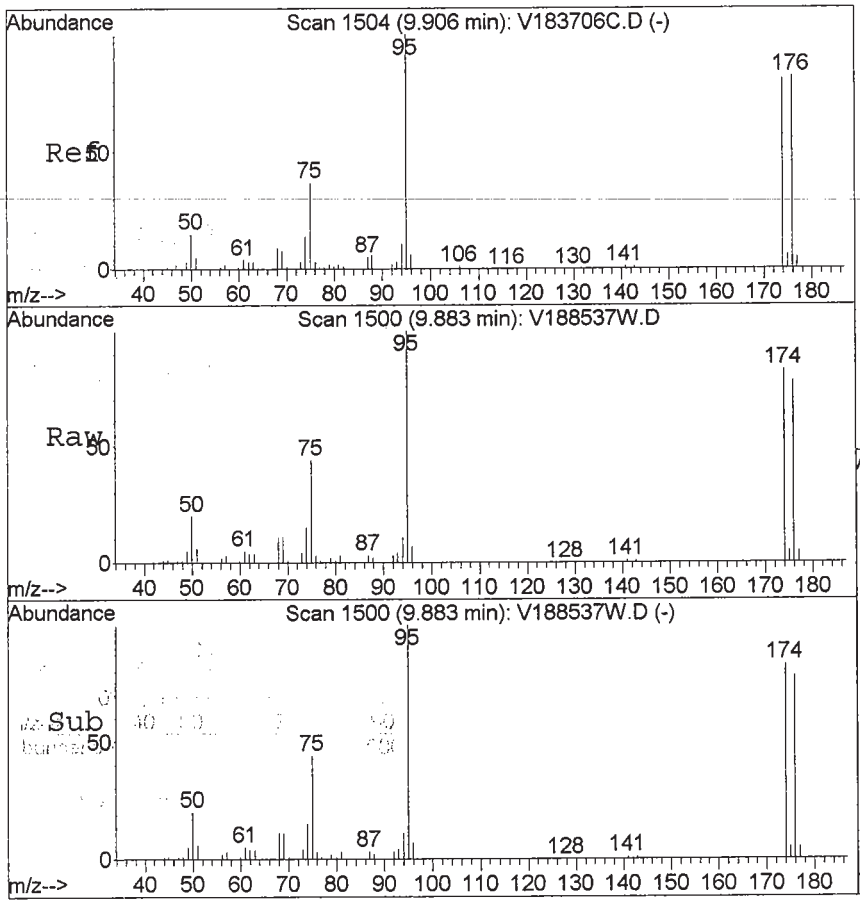


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1791
Delta R.T. -0.02 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:152 Resp: 266461

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

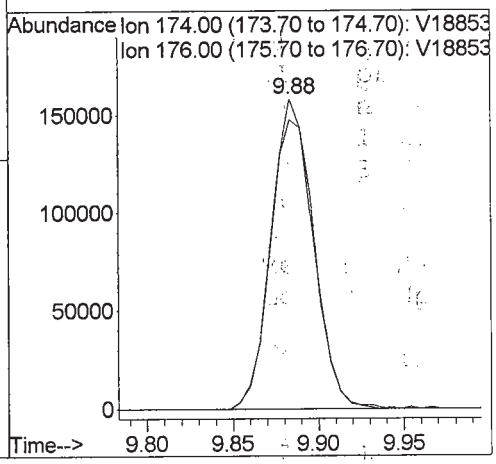




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:174 Resp: 271809

Ion	Ratio	Lower	Upper
174	100		
176	97.0	77.4	116.0



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188566W.D Vial: 15
Acq On : 29 Apr 2013 5:46 pm Operator: SS
Sample : 13D0938-01RE1 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE 2.5ML/50ML Multiplr: 20.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:14 2013 Quant Results File: V1C00360.RES

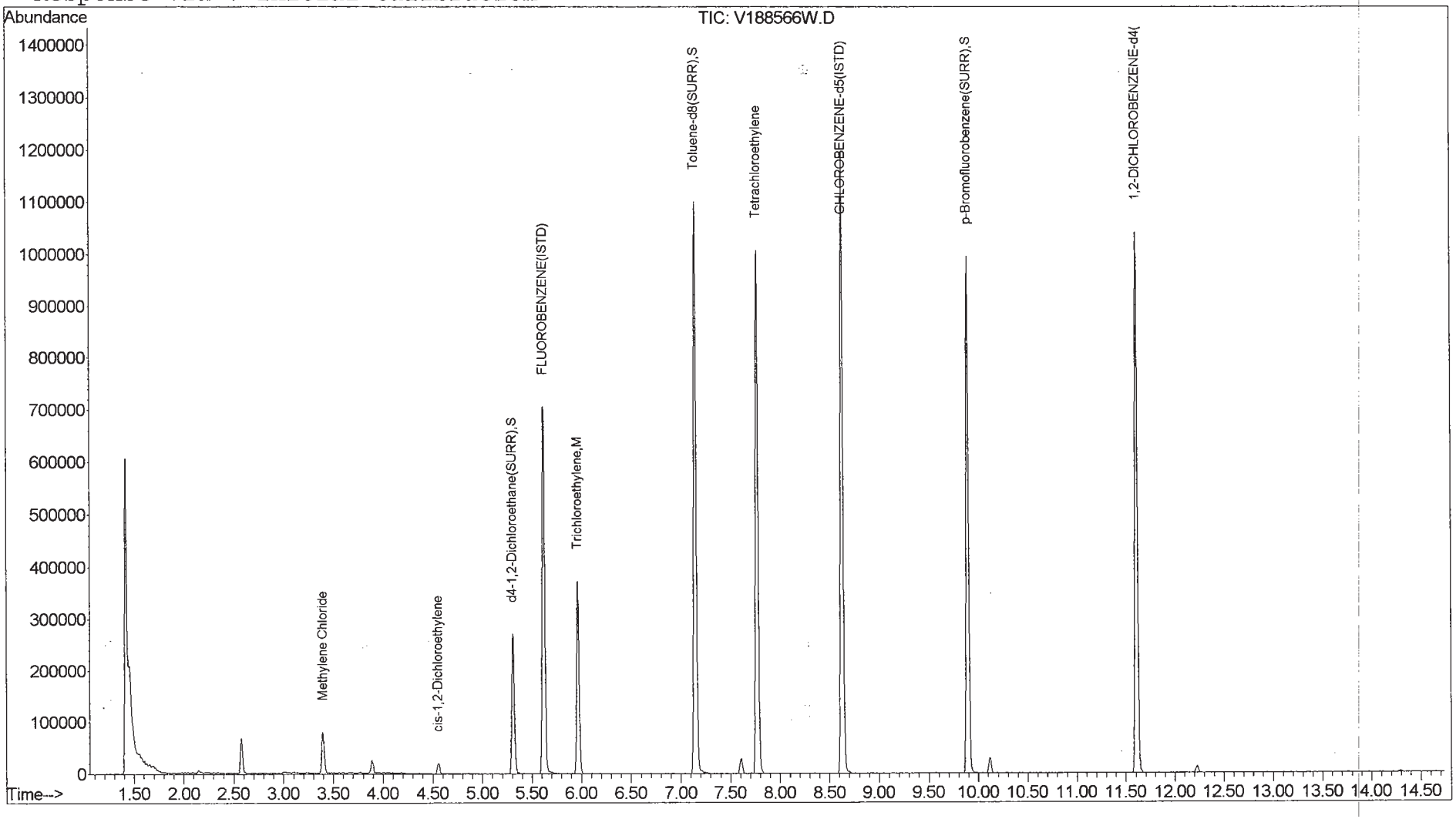
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

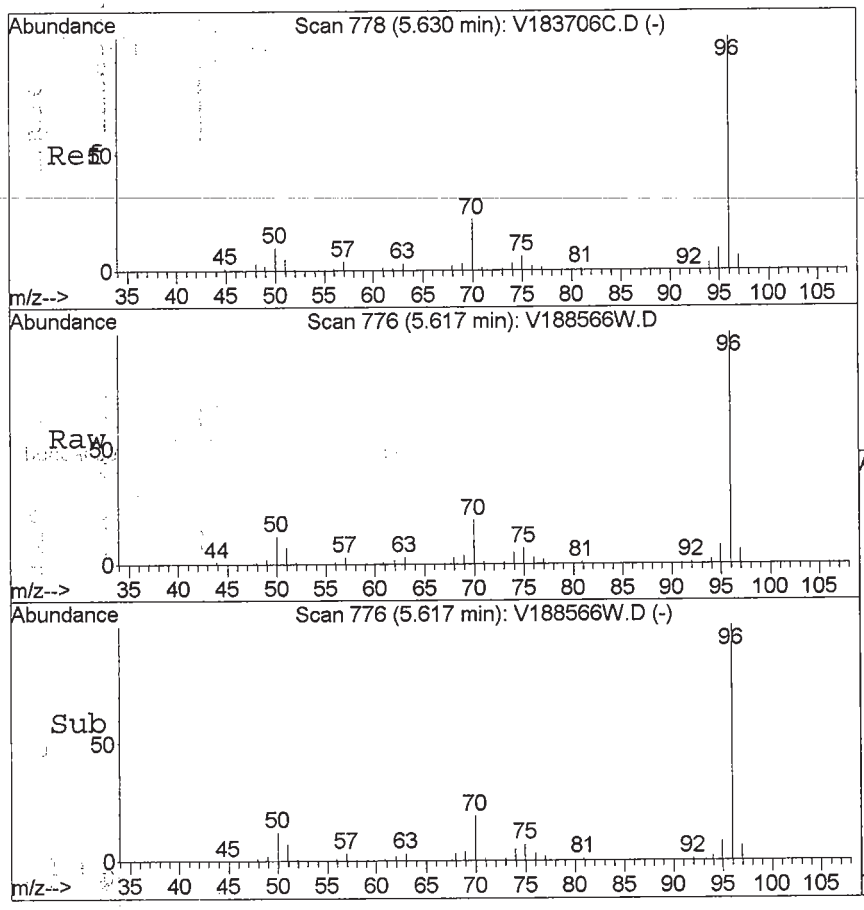
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	124701	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	715678	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	298155	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	202829	55.93	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 111.86%				
47) Toluene-d8(SURR)	7.14	98	727250	47.40	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.80%				
64) p-Bromofluorobenzene(SURR)	9.89	174	308758	51.24	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.48%				
Target Compounds							Qvalue
17) Methylene Chloride	3.39	49	38156	6.56	ppb		96
23) cis-1,2-Dichloroethylene	4.56	96	8893	1.42	ppb	#	66
37) Trichloroethylene	5.96	95	117231	15.23	ppb		99
52) Tetrachloroethylene	7.77	166	318713	36.78	ppb		98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188566W.D Vial: 15
Acq On : 29 Apr 2013 5:46 pm Operator: SS
Sample : 13D0938-01RE1 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE 2.5ML/50ML Multiplr: 20.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:14 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

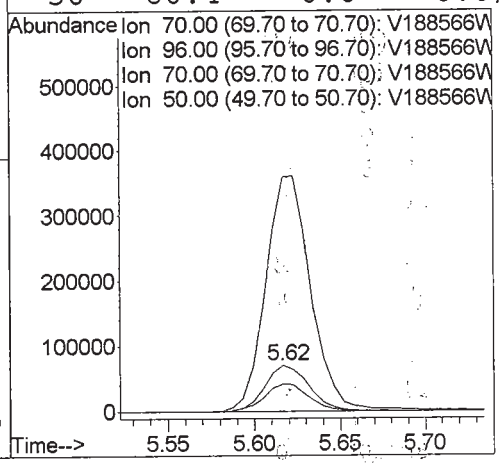


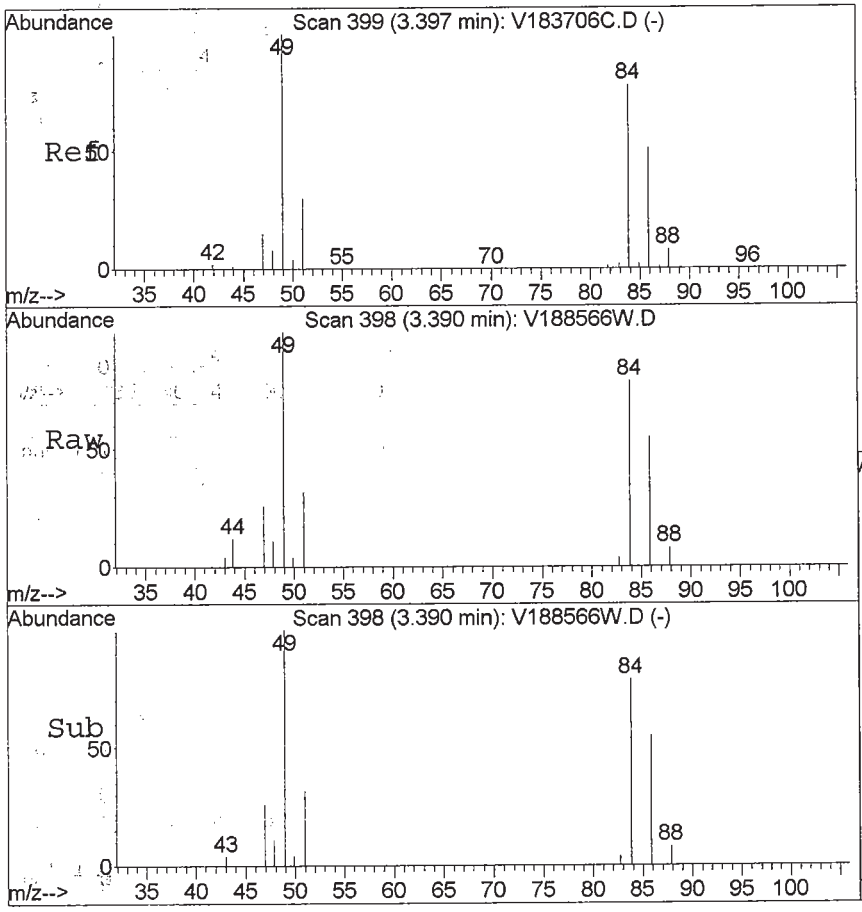


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 70 Resp: 124701

Ion	Ratio	Lower	Upper
70	100		
96	0.0	400.1	600.1#
70	100.0	80.0	120.0
50	60.4	0.0	0.0#

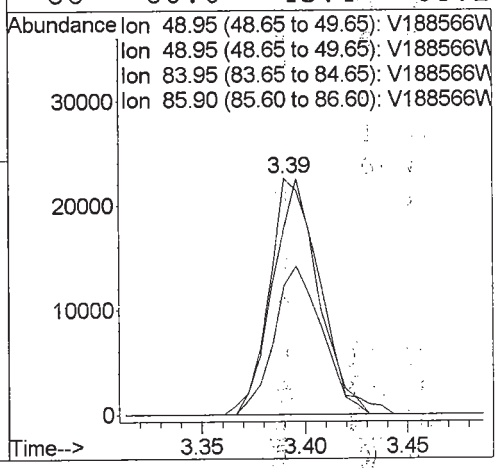


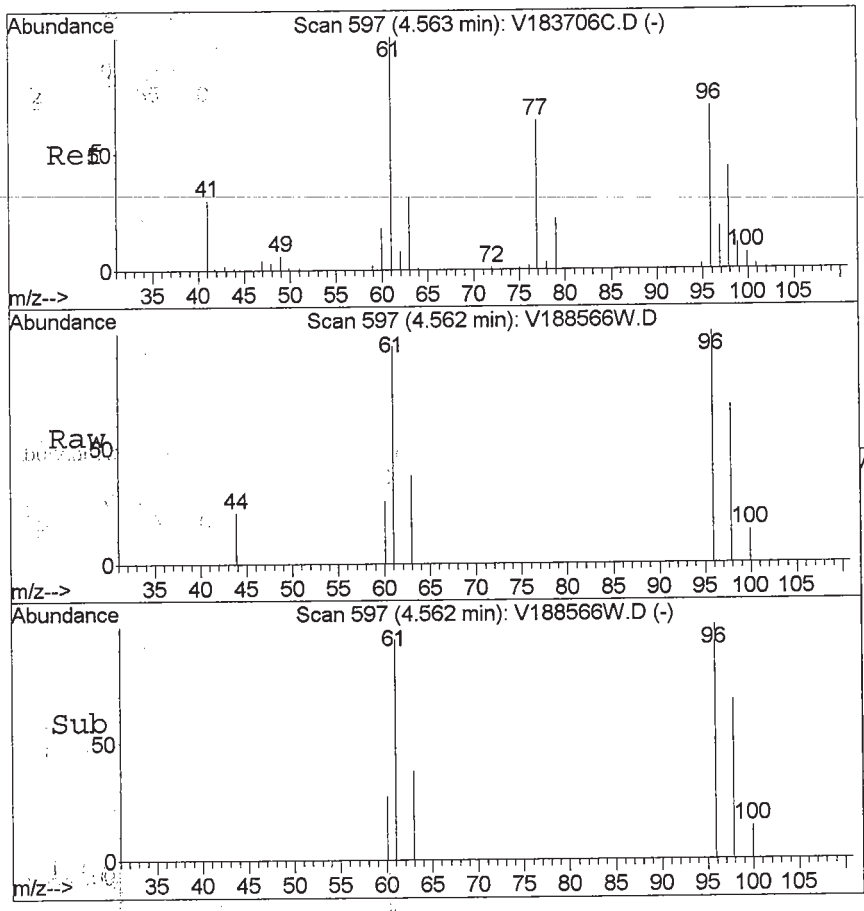


#17
Methylene Chloride
Concen: 6.56 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 49 Resp: 38156

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	91.5	66.3	99.5
86	60.0	45.4	68.2

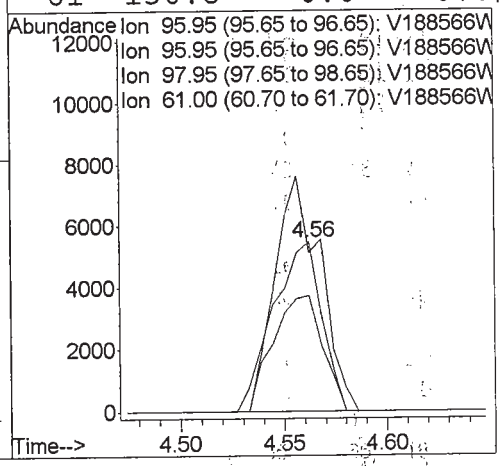


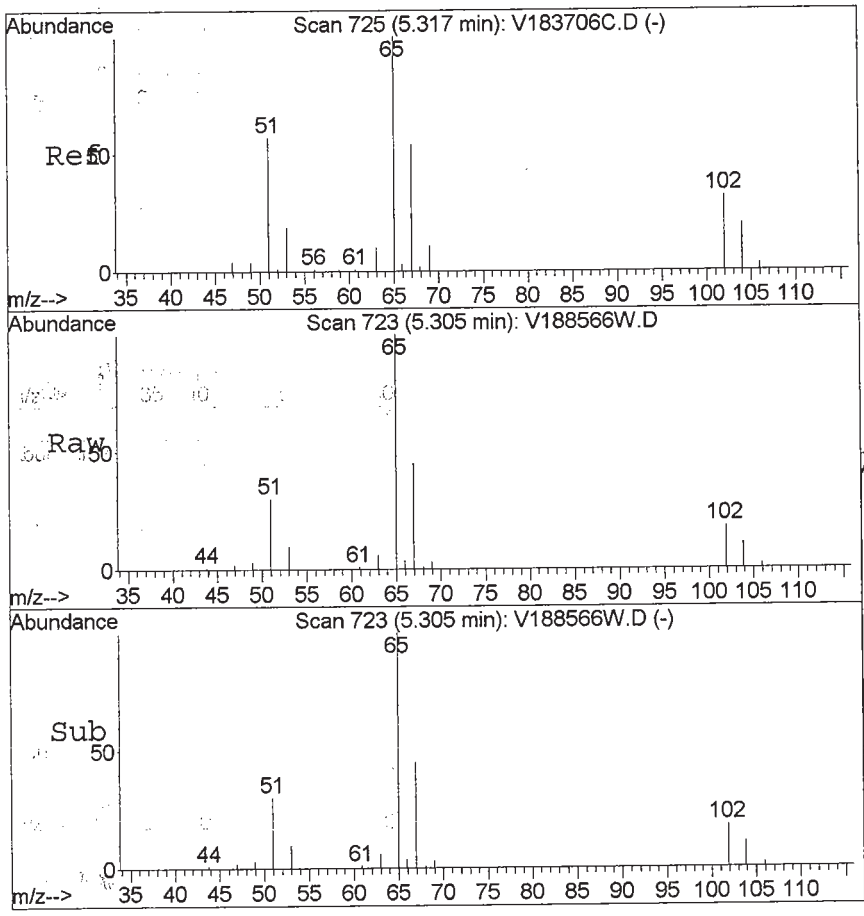


#23
cis-1,2-Dichloroethylene
Concen: 1.42 ppb
RT: 4.56 min Scan# 597
Delta R.T. 0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 96 Resp: 8893

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	0.0	53.8	80.8#
61	130.8	0.0	0.0#

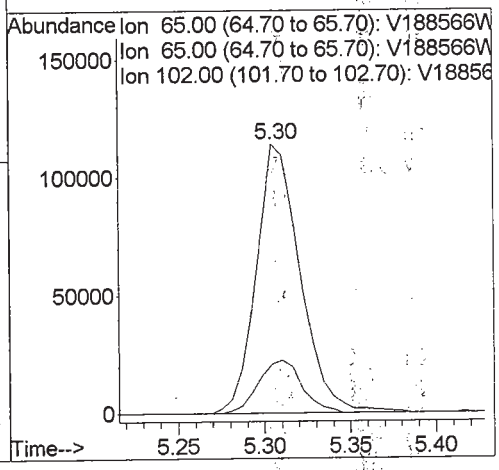


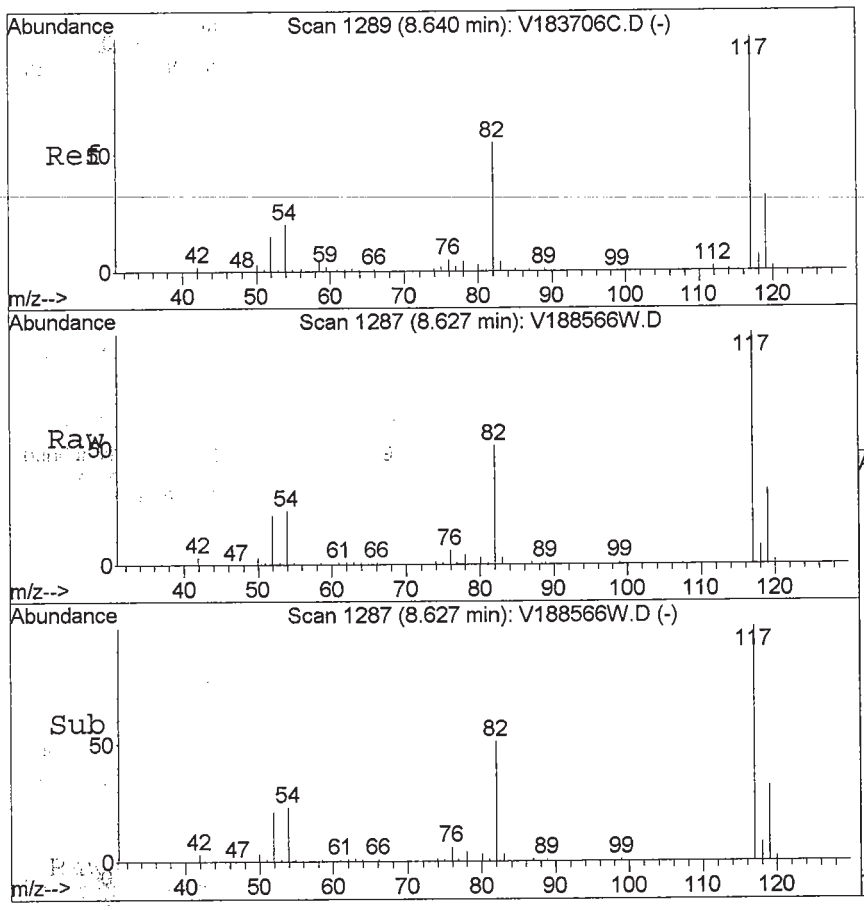


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 65 Resp: 202829

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	19.6	15.8	23.8

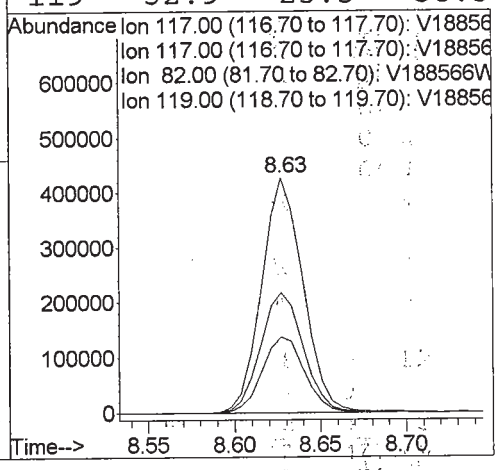


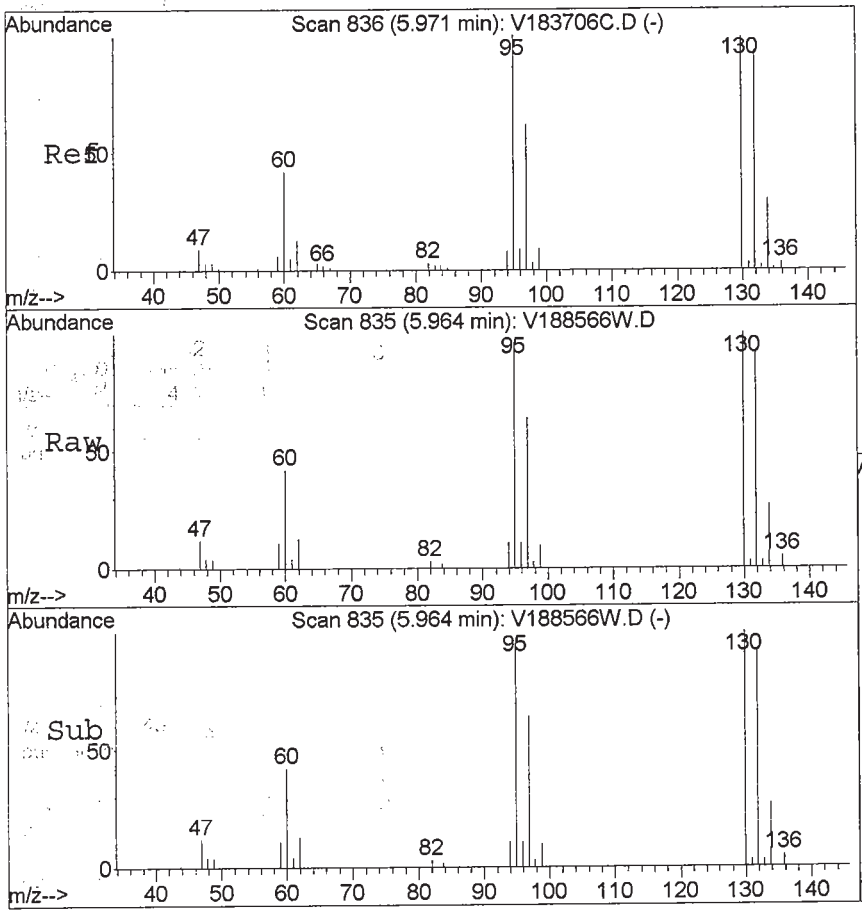


#36
CHLOROBENZENE-d5 (ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion:117 Resp: 715678

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.9	25.5	38.3

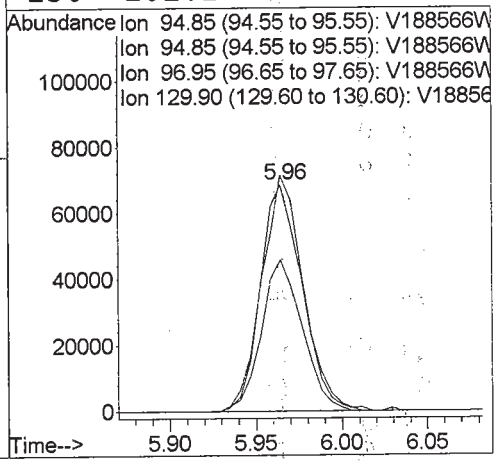


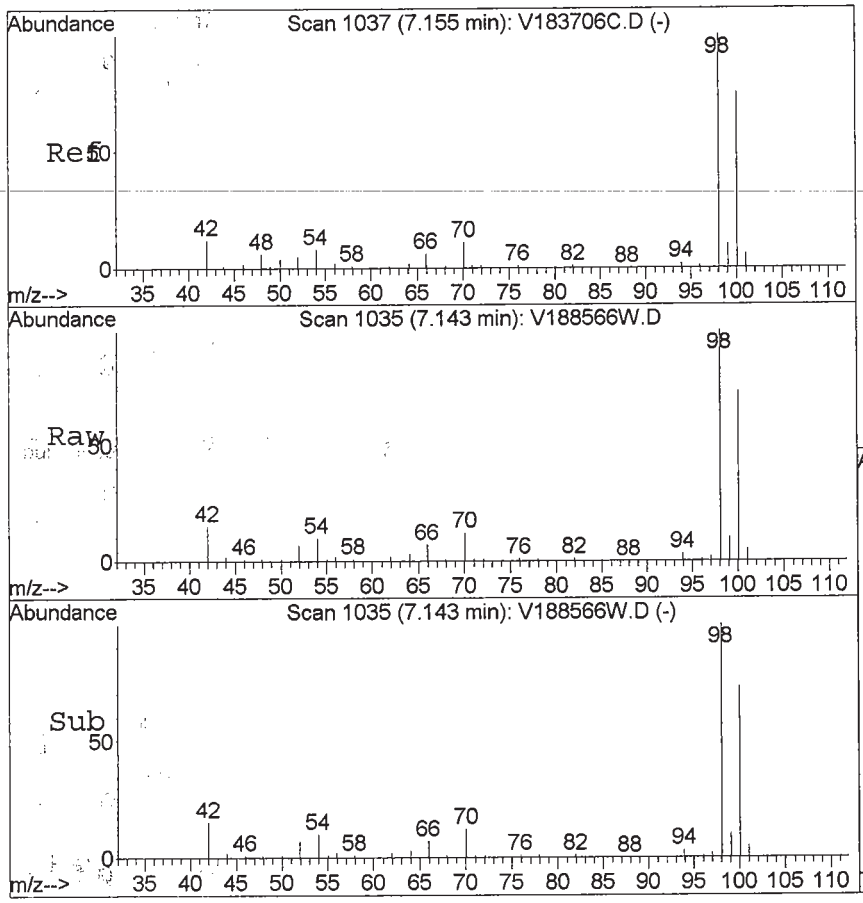


#37
Trichloroethylene
Concen: 15.23 ppb
RT: 5.96 min Scan# 835
Delta R.T. -0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 95 Resp: 117231

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	64.6	53.6	80.4
130	101.2	82.3	123.5

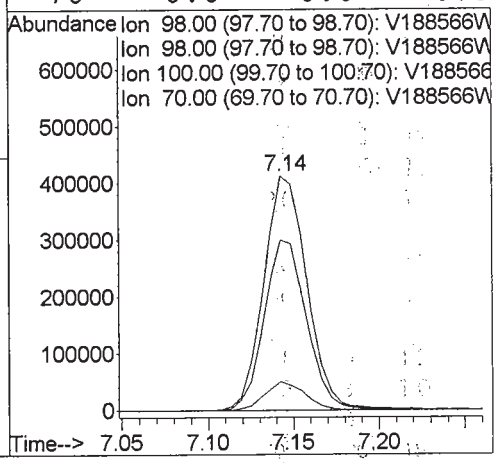


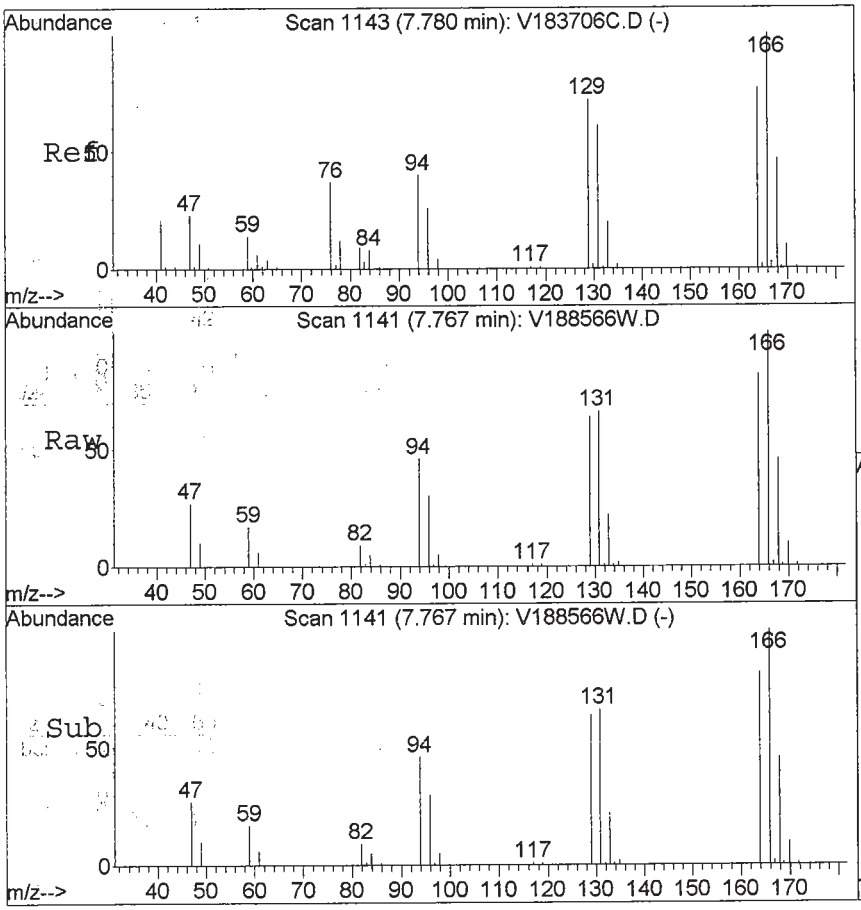


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 98 Resp: 727250

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.1	35.3	105.7
70	0.0	0.0	0.0

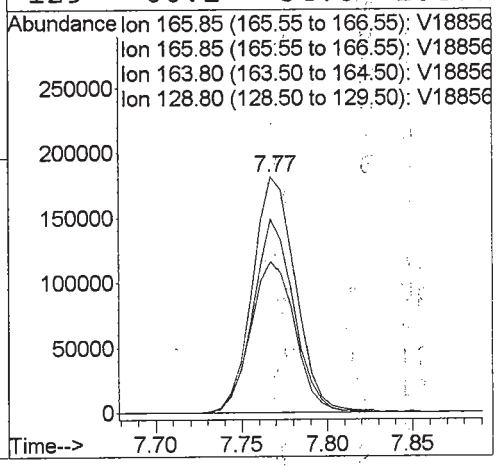


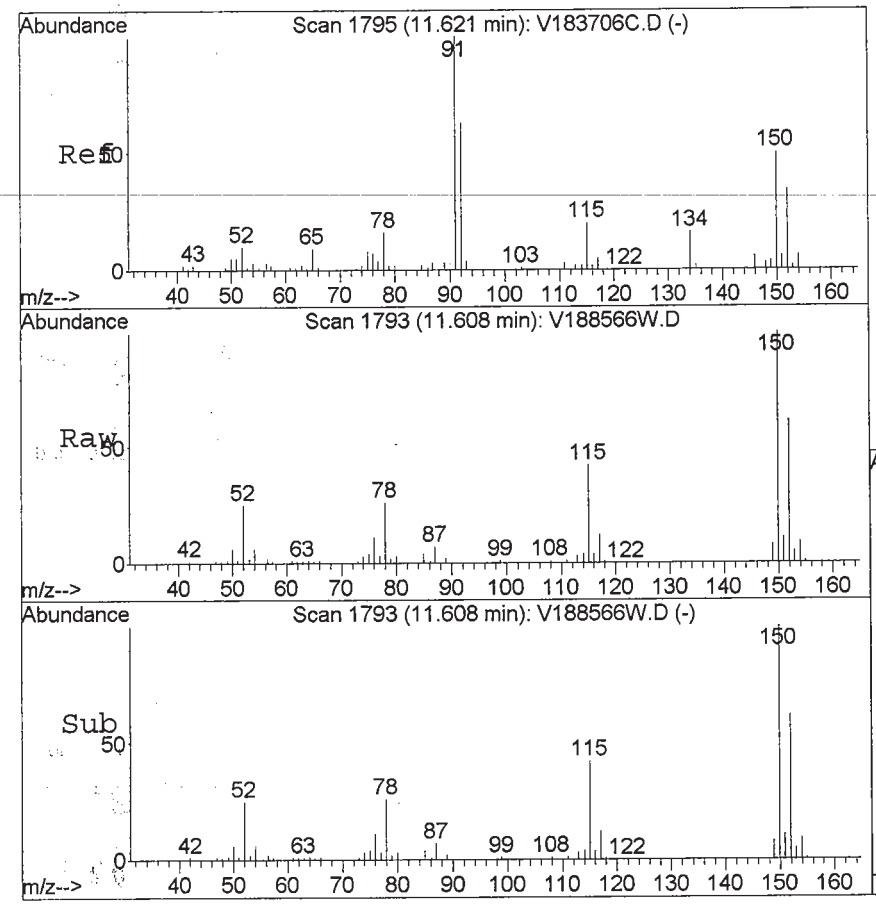


#52
Tetrachloroethylene
Concen: 36.78 ppb
RT: 7.77 min Scan# 1141
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion:166 Resp: 318713

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	77.4	39.1	117.5
129	66.1	34.8	104.4

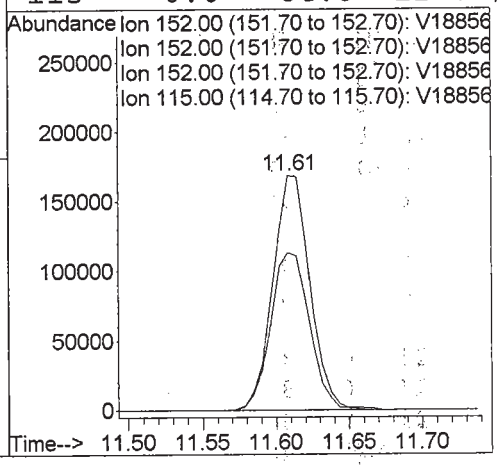


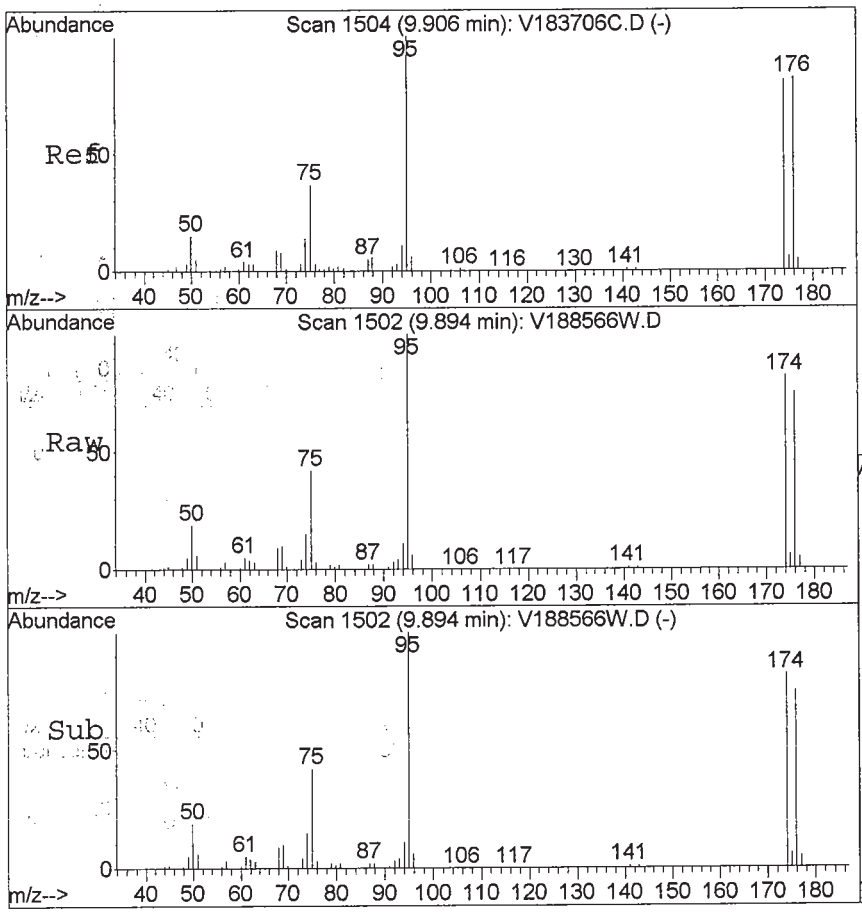


#62
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion:152 Resp: 298155

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

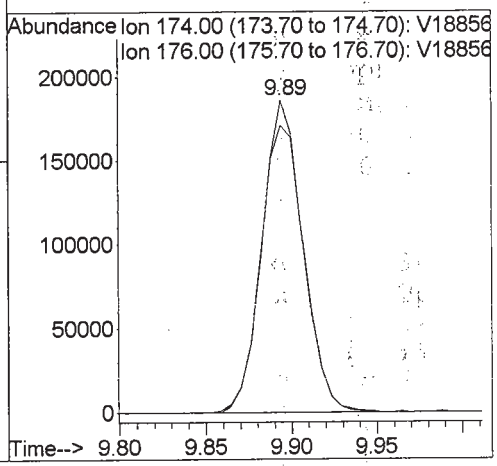




#64
p-Bromofluorobenzene (SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion:174 Resp: 308758

Ion	Ratio	Lower	Upper
174	100		
176	98.4	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-02 File ID: V188567W.D

Sampled: 04/23/13 17:10 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 18:25

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-02 File ID: V188567W.D

Sampled: 04/23/13 17:10 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 18:25

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	2.6	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	18	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	4.0	J
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.7	113	72.6 - 129	
p-Bromofluorobenzene	50.0	52.0	104	63.5 - 145	
Toluene-d8	50.0	47.4	94.8	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188567W.D
Acq On : 29 Apr 2013 6:25 pm
Sample : 13D0938-02
Misc : QBV1042913A 8260 ASPB RE
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:14 2013

Vial: 16
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00360.RES

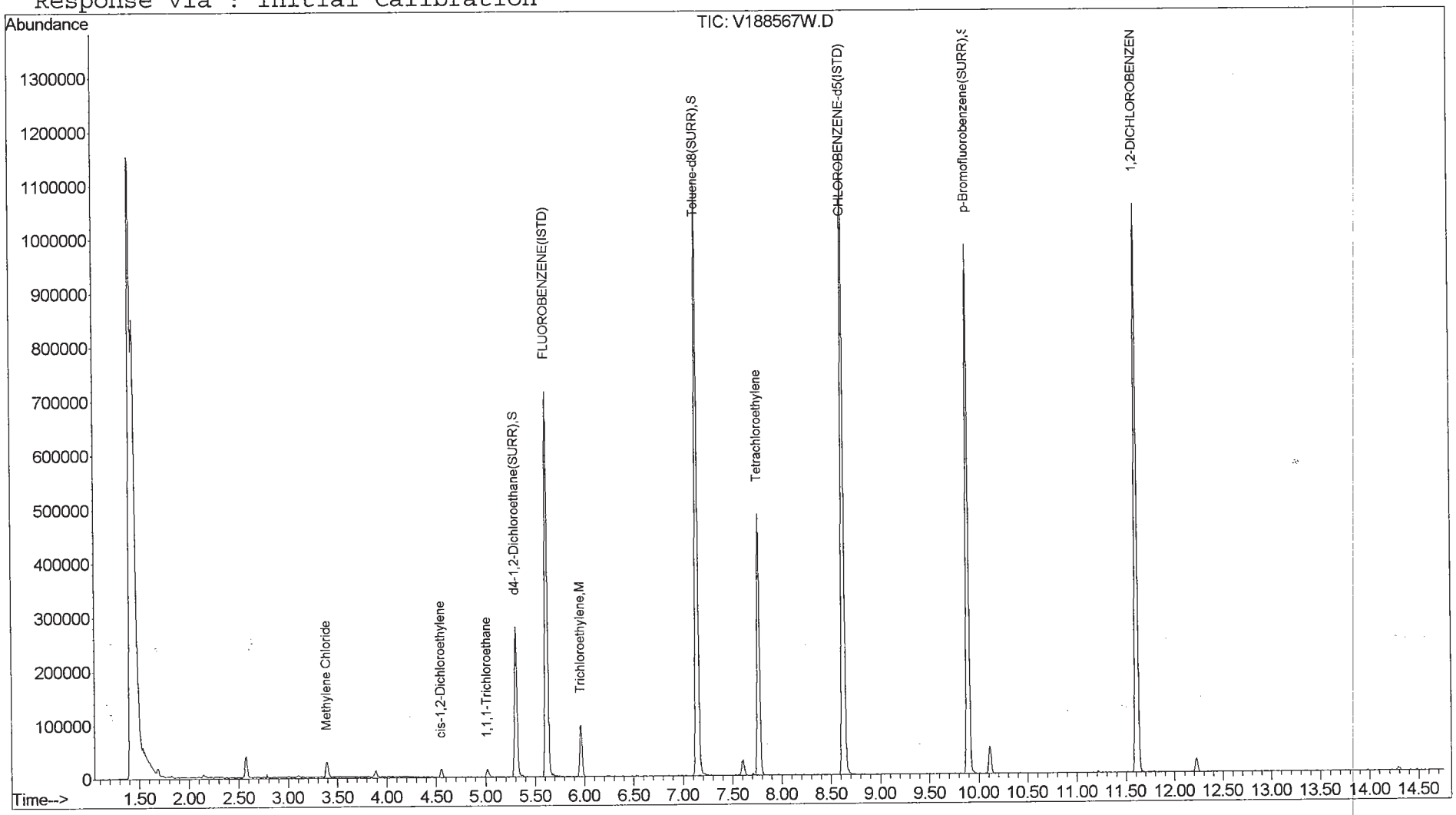
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

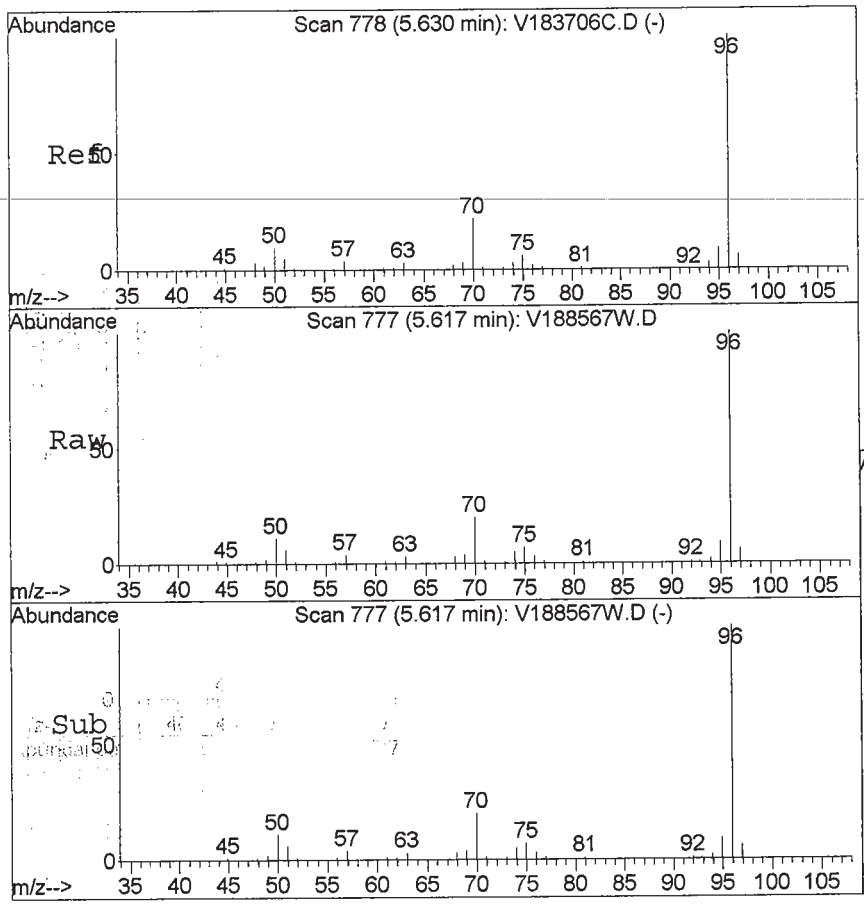
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	121499	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	697708	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	292865	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	200405	56.72	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 113.44%				
47) Toluene-d8(SURR)	7.14	98	709250	47.41	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.82%				
64) p-Bromofluorobenzene(SURR)	9.89	174	307652	51.97	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 103.94%				
Target Compounds							Qvalue
17) Methylene Chloride	3.39	49	14976	2.64	ppb		94
23) cis-1,2-Dichloroethylene	4.56	96	7502	1.23	ppb	#	66
30) 1,1,1-Trichloroethane	5.02	97	11335	0.98	ppb	#	97
37) Trichloroethylene	5.96	95	30365	4.05	ppb		97
52) Tetrachloroethylene	7.77	166	150866	17.86	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188567W.D Vial: 16
Acq On : 29 Apr 2013 6:25 pm Operator: SS
Sample : 13D0938-02 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:14 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

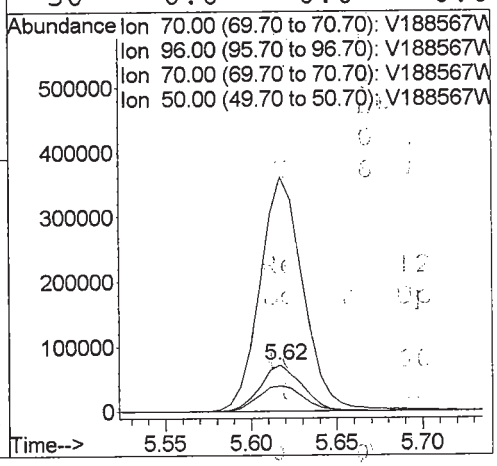


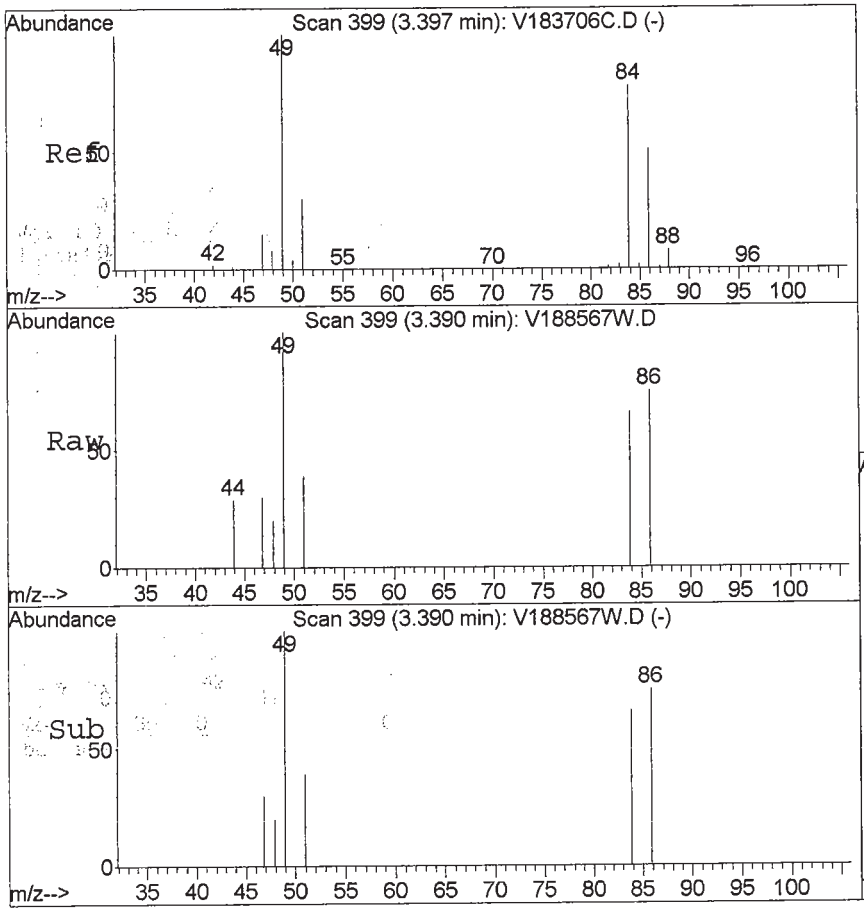


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 70 Resp: 121499

Ion	Ratio	Lower	Upper
70	100		
96	520.8	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

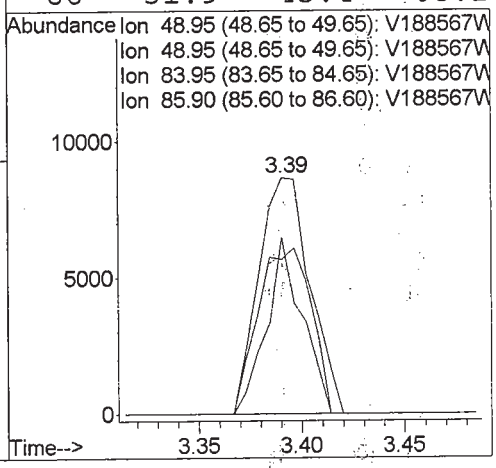


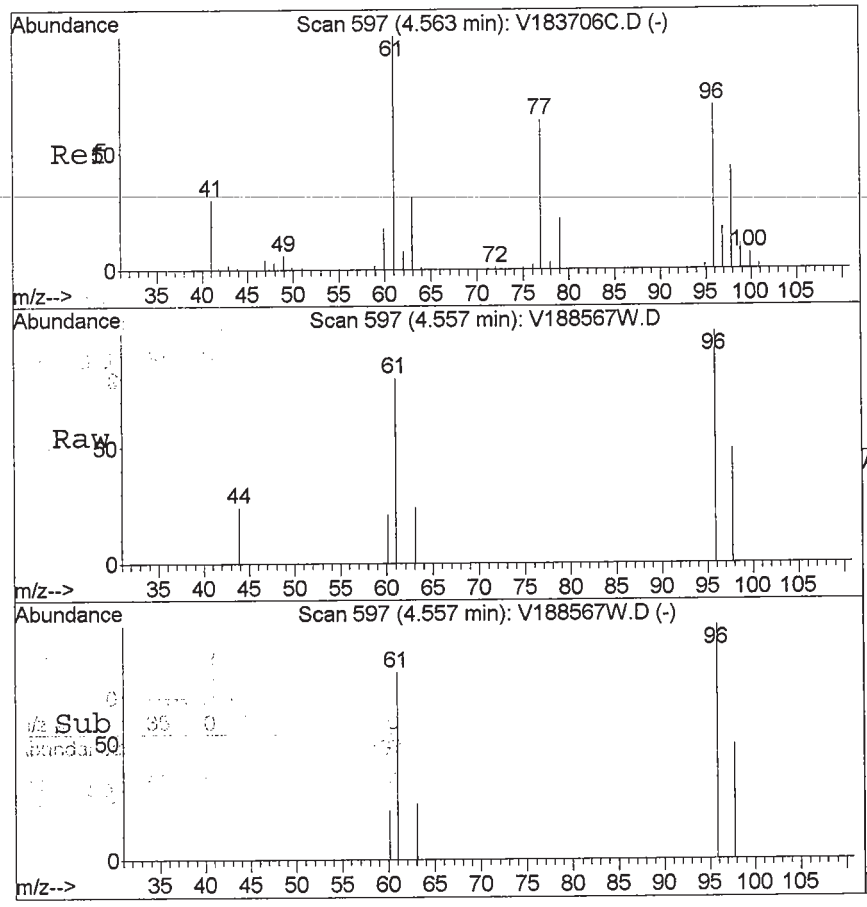


#17
Methylene Chloride
Concen: 2.64 ppb
RT: 3.39 min Scan# 399
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 49 Resp: 14976

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	72.6	66.3	99.5
86	51.9	45.4	68.2

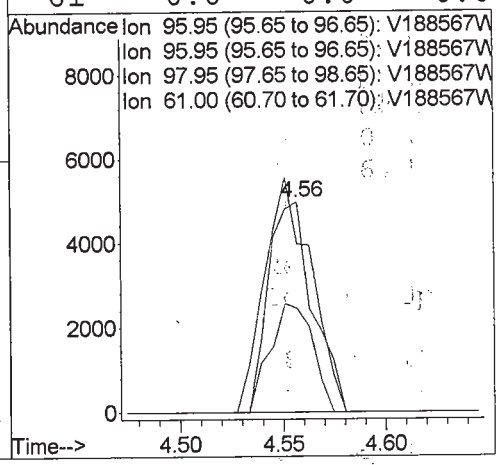


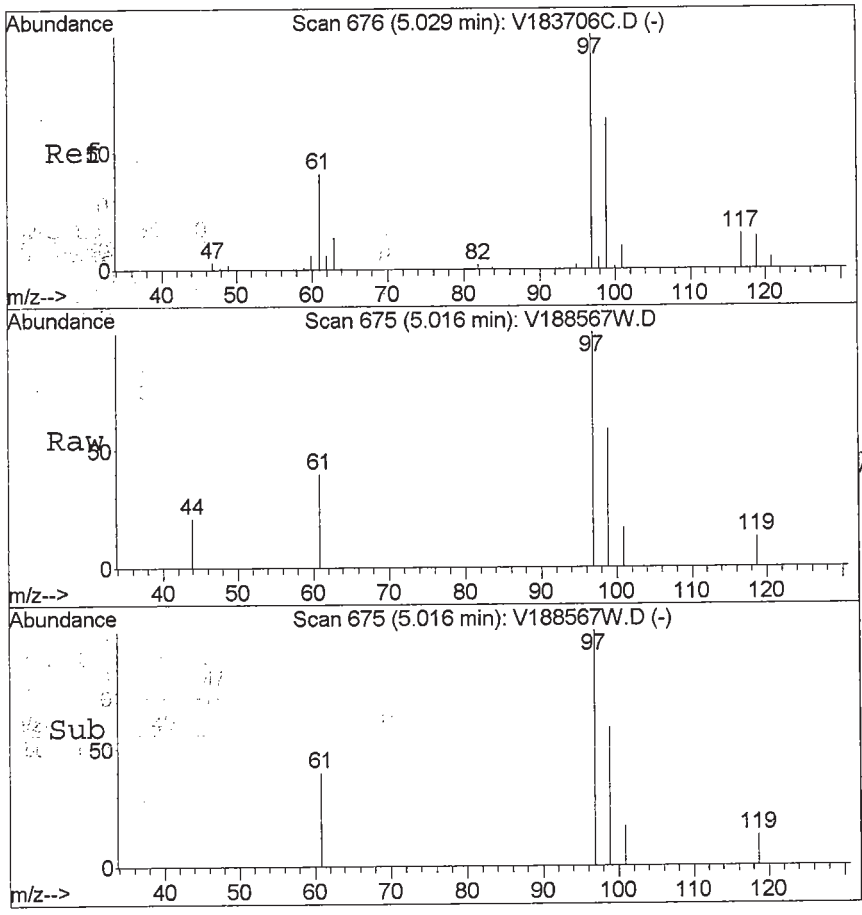


#23
cis-1,2-Dichloroethylene
Concen: 1.23 ppb
RT: 4.56 min Scan# 597
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 96 Resp: 7502

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	0.0	53.8	80.8#
61	0.0	0.0	0.0

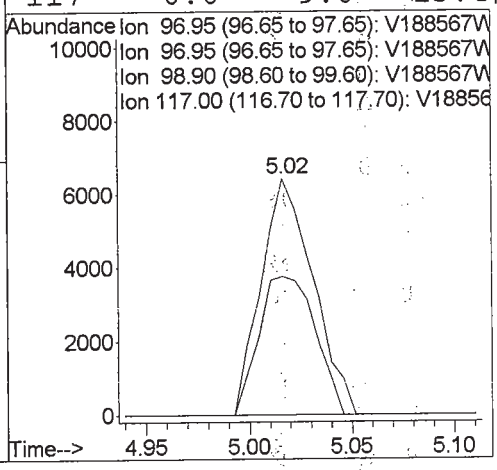


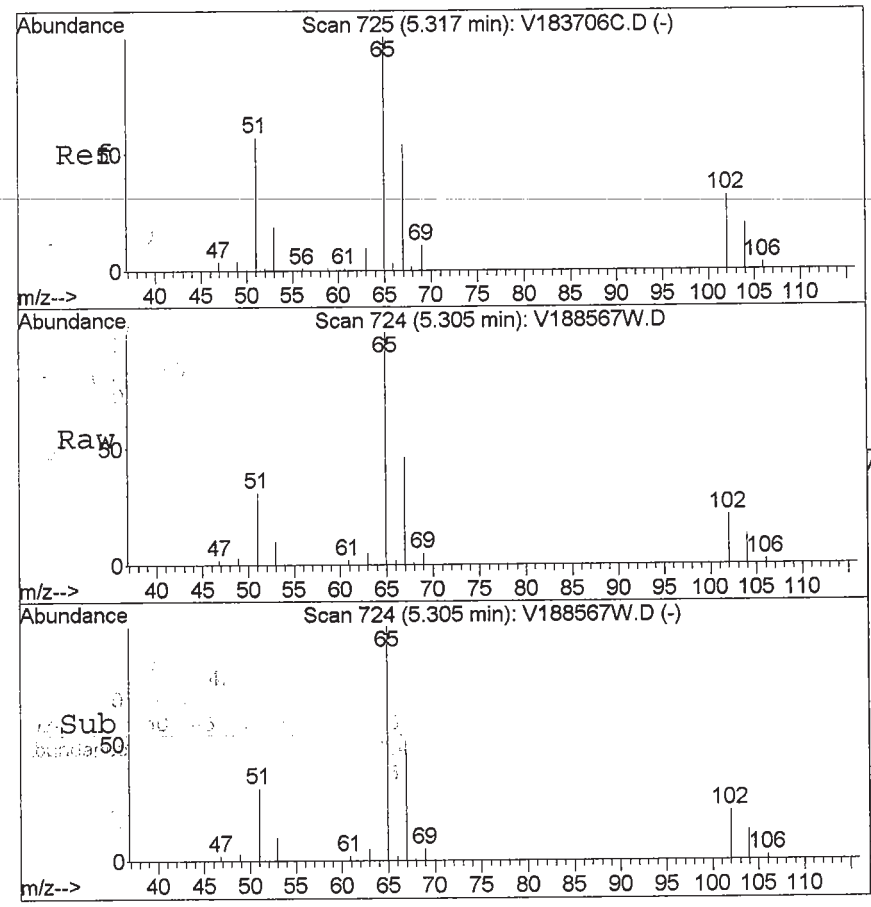


#30
1,1,1-Trichloroethane
Concen: 0.98 ppb
RT: 5.02 min Scan# 675
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 97 Resp: 11335

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	63.5	52.2	78.4
117	0.0	9.0	13.4#

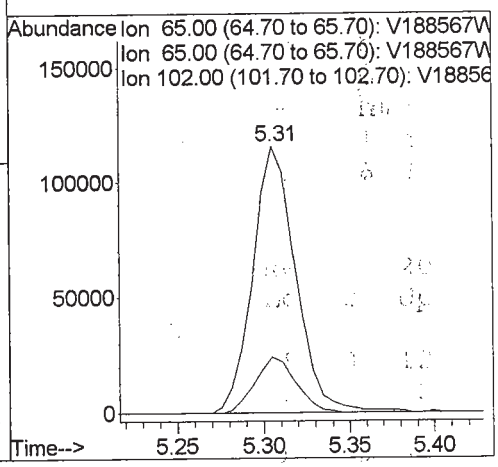


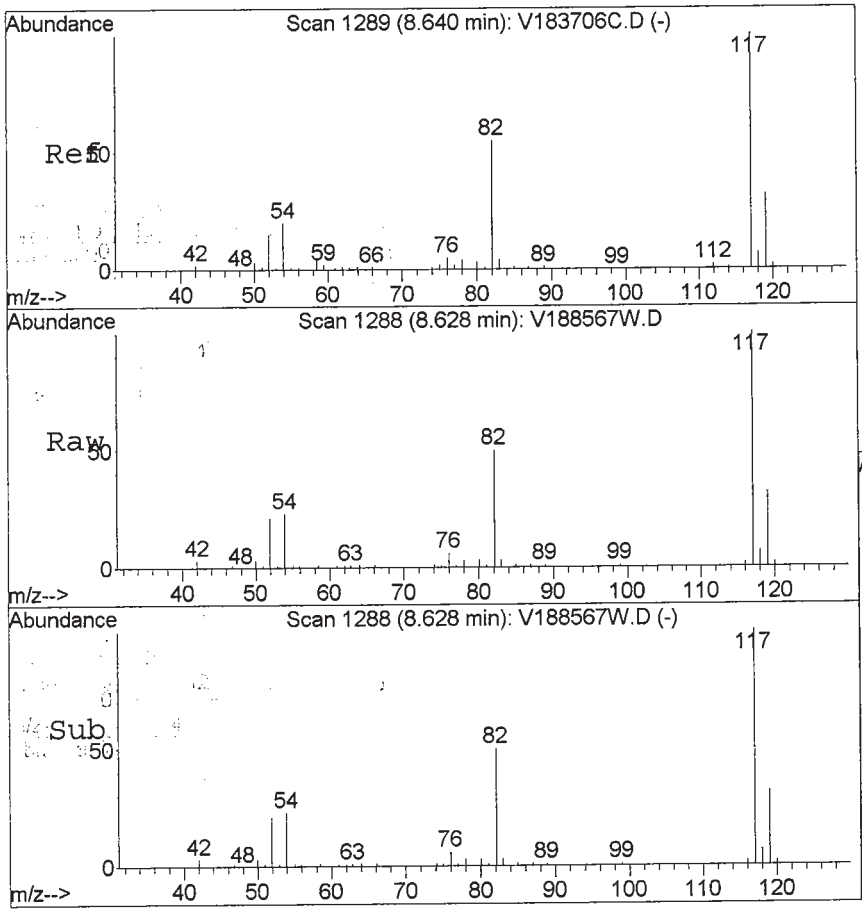


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 65 Resp: 200405

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.0	15.8	23.8

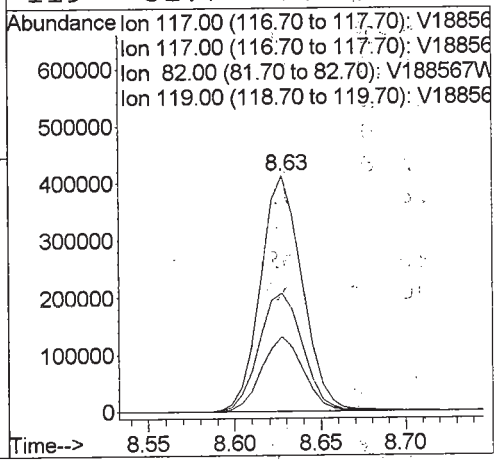


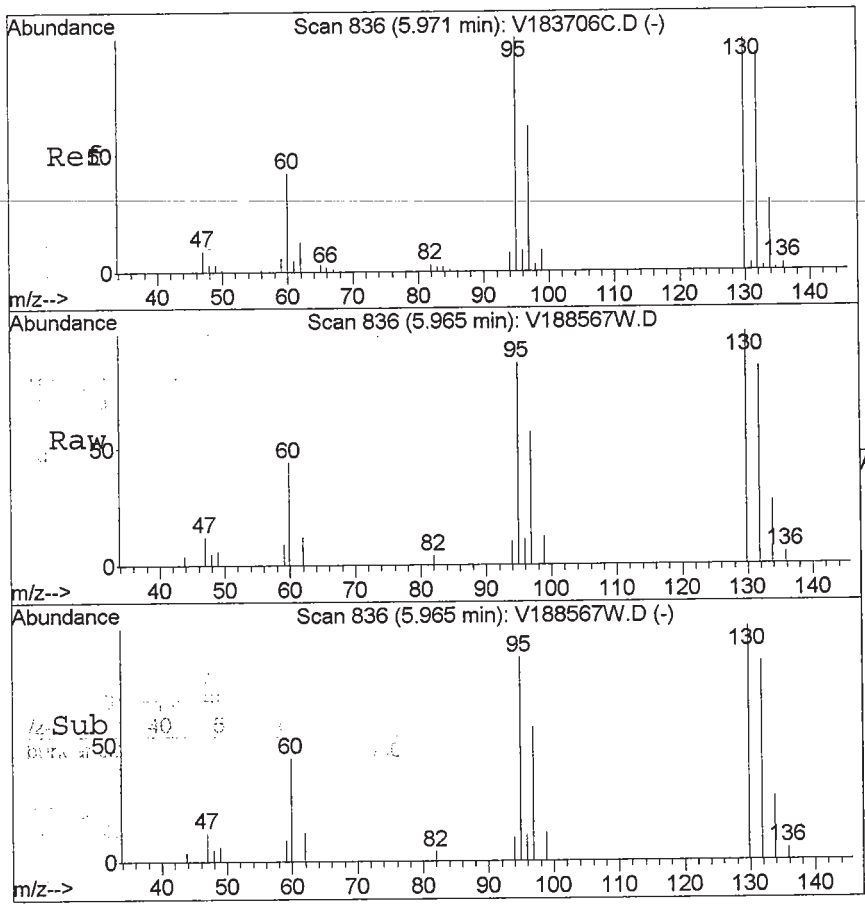


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion:117 Resp: 697708

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.7	25.5	38.3

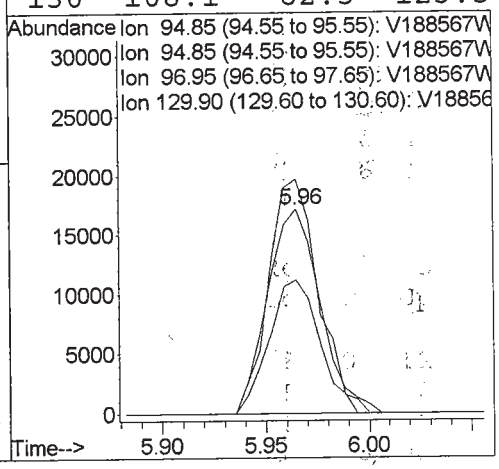


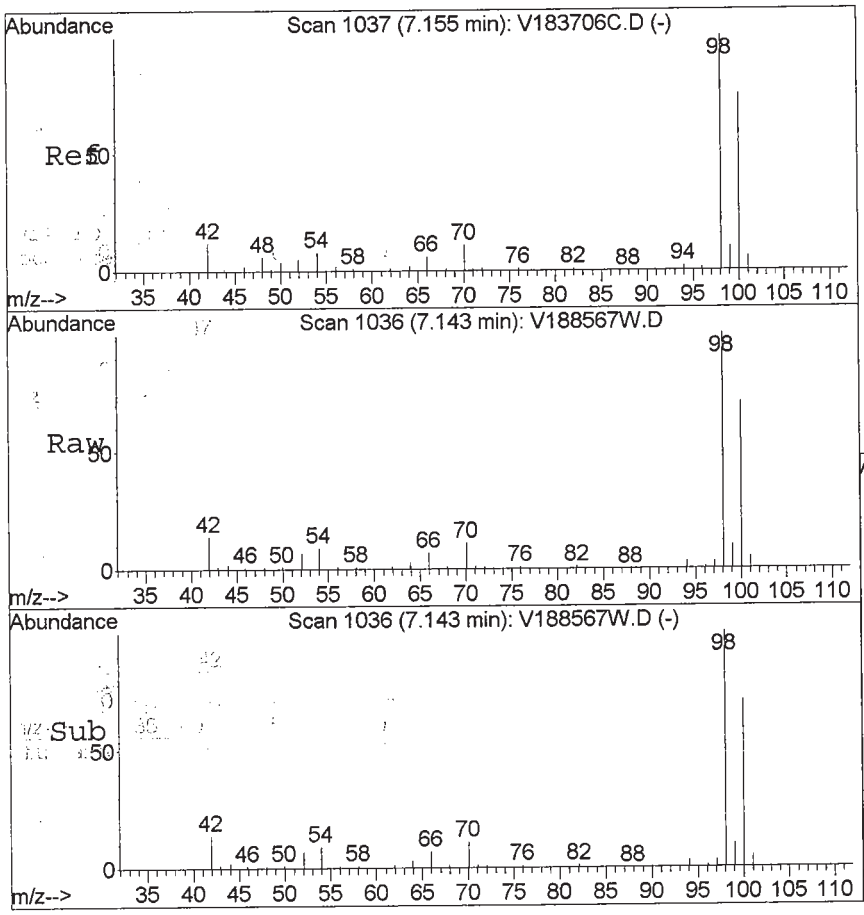


#37
Trichloroethylene
Concen: 4.05 ppb
RT: 5.96 min Scan# 836
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 95 Resp: 30365

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	62.2	53.6	80.4
130	108.1	82.3	123.5

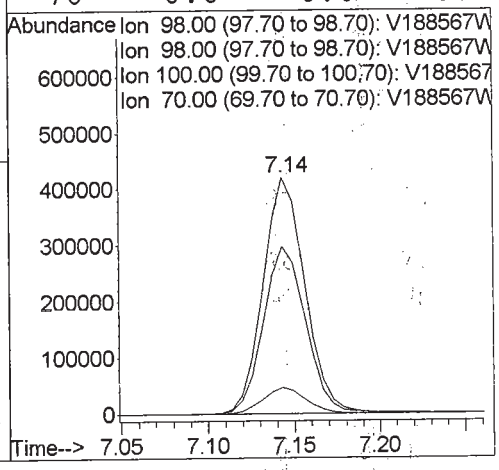


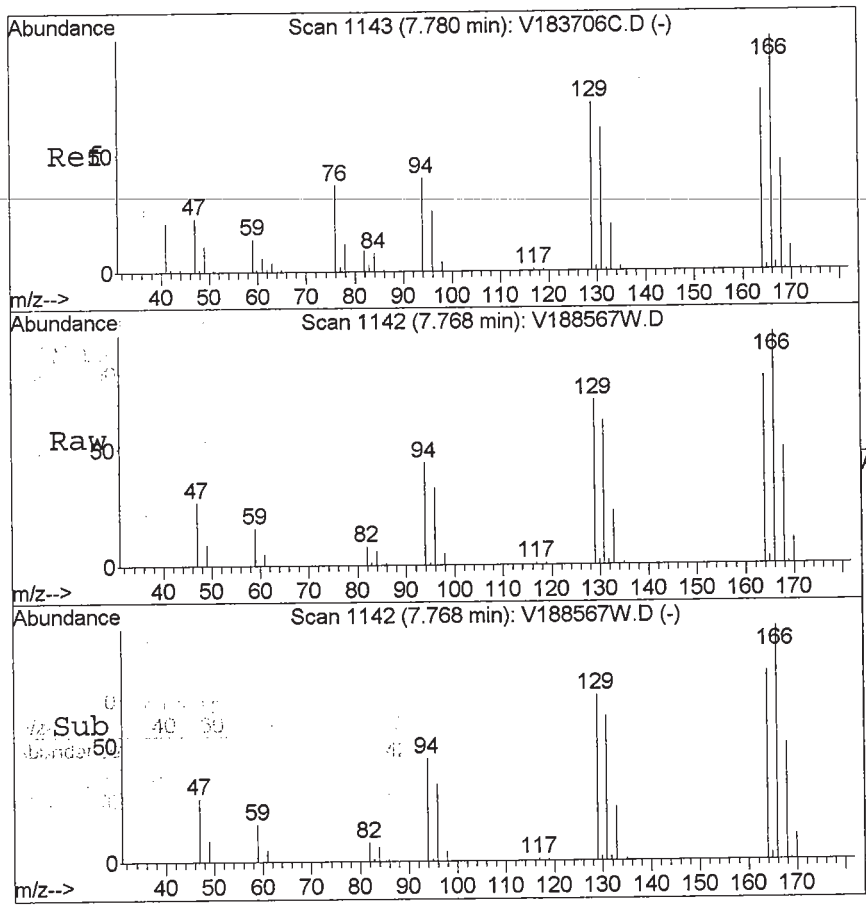


#47
Toluene-d8(SURR)
Concen: Below ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 98 Resp: 709250

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.6	35.3	105.7
70	0.0	0.0	0.0

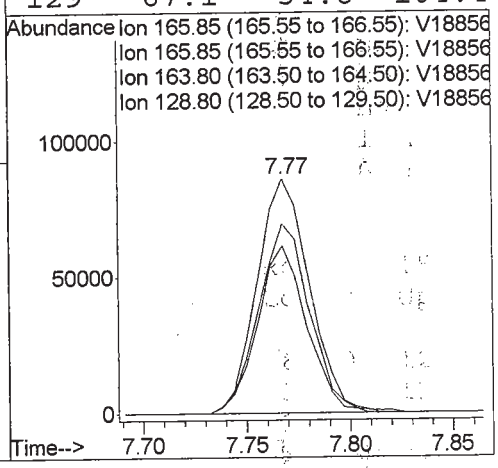


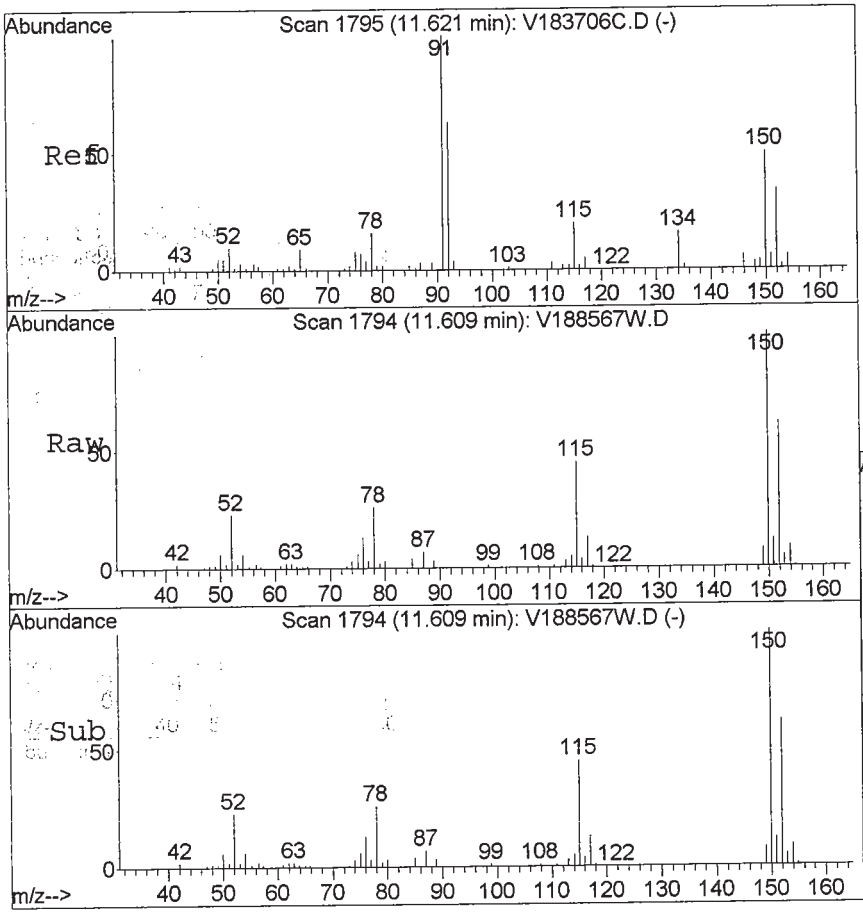


#52
Tetrachloroethylene
Concen: 17.86 ppb
RT: 7.77 min Scan# 1142
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion:166 Resp: 150866

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	79.2	39.1	117.5
129	67.1	34.8	104.4

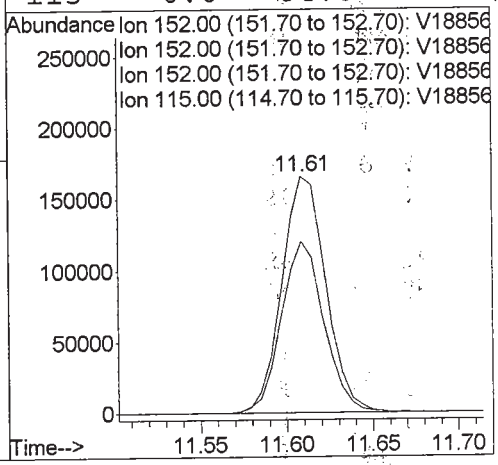


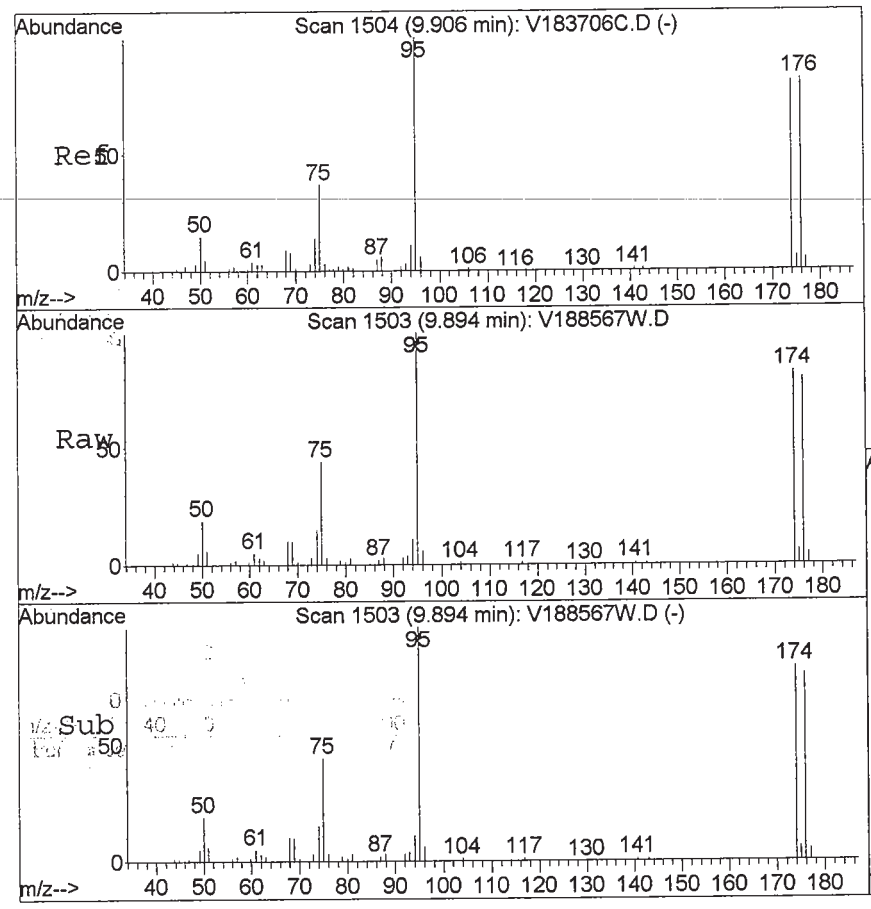


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion:152 Resp: 292865

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

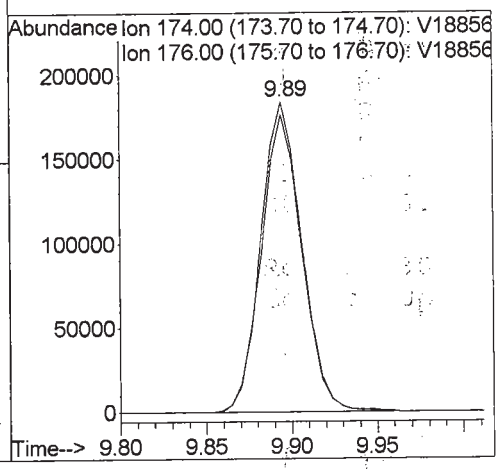




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1503
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion:174 Resp: 307652

Ion	Ratio	Lower	Upper
174	100		
176	95.0	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-03 File ID: V188568W.D

Sampled: 04/23/13 16:45 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 19:03

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-03 File ID: V188568W.D

Sampled: 04/23/13 16:45 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 19:03

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.2	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	60.6	121	72.6 - 129	
p-Bromofluorobenzene	50.0	50.2	100	63.5 - 145	
Toluene-d8	50.0	47.6	95.2	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188568W.D Vial: 17
Acq On : 29 Apr 2013 7:03 pm Operator: SS
Sample : 13D0938-03 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:15 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

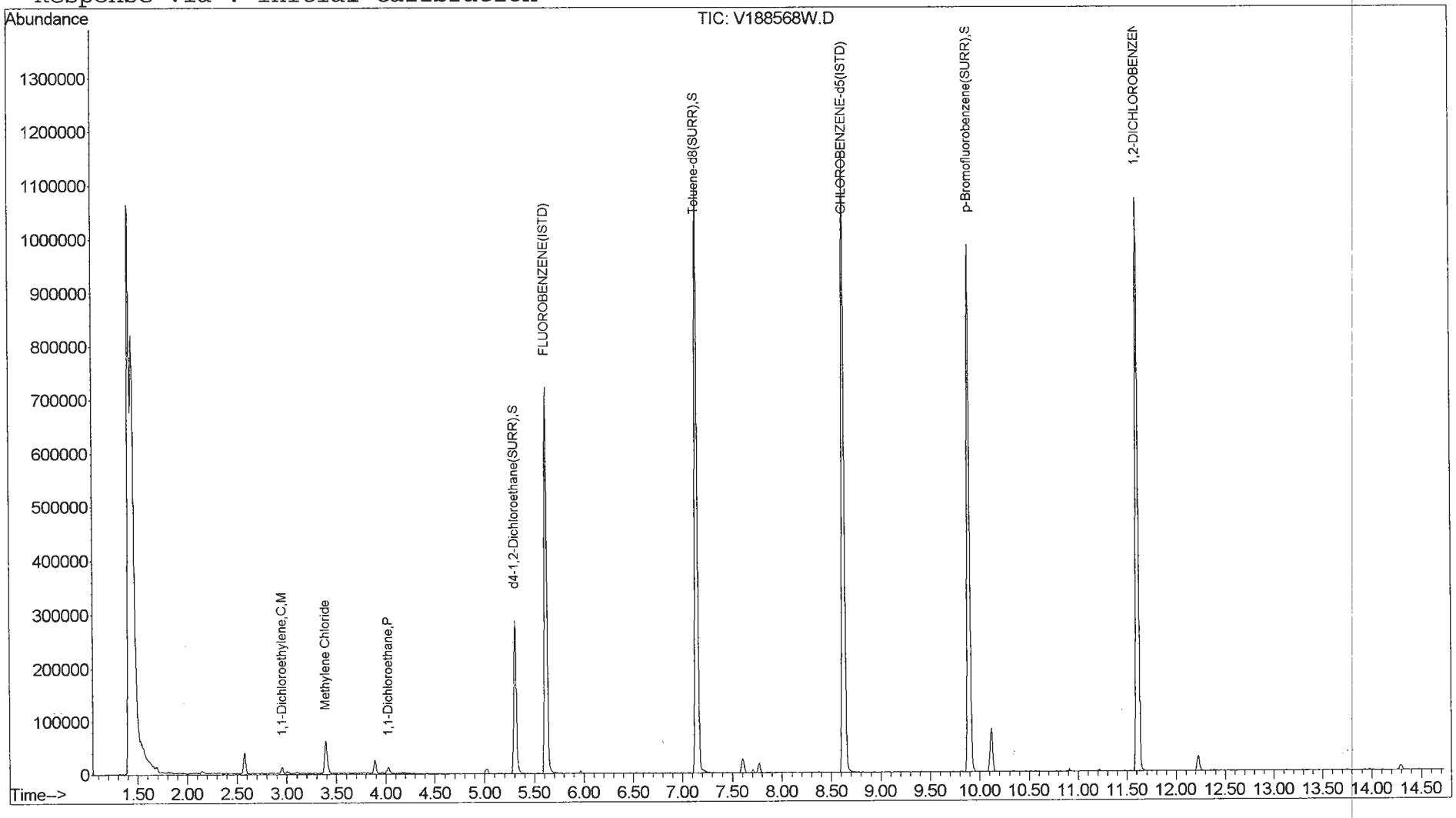
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	119137	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	714402	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	303974	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	209958	60.60	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 121.20%			
47) Toluene-d8(SURR)	7.14	98	729186	47.61	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.22%			
64) p-Bromofluorobenzene(SURR)	9.90	174	308579	50.23	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.46%			
Target Compounds						Qvalue
10) 1,1-Dichloroethylene	2.95	61	8246	1.06	ppb	# 64
17) Methylene Chloride	3.40	49	29029	5.23	ppb	95
21) 1,1-Dichloroethane	4.02	63	11595	1.49	ppb	99

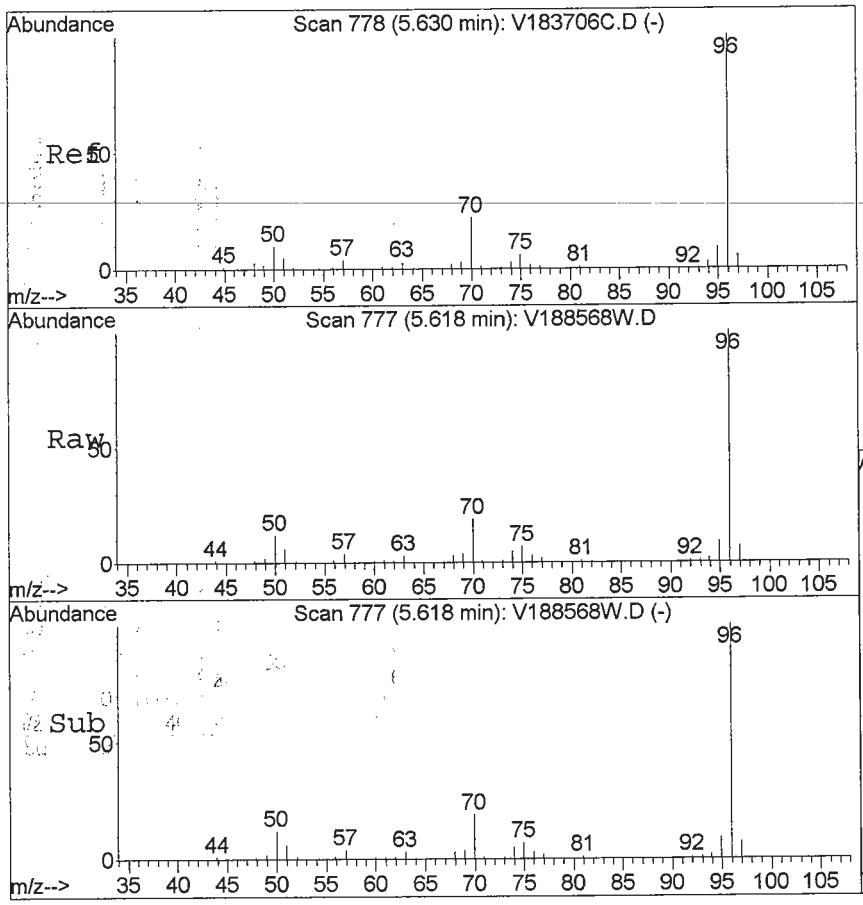
(#) = qualifier out of range (m) = manual integration
V188568W.D V1C00360.M Tue Apr 30 15:24:33 2013 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1042913\V188568W.D Vial: 17
Acq On : 29 Apr 2013 7:03 pm Operator: SS
Sample : 13D0938-03 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:15 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

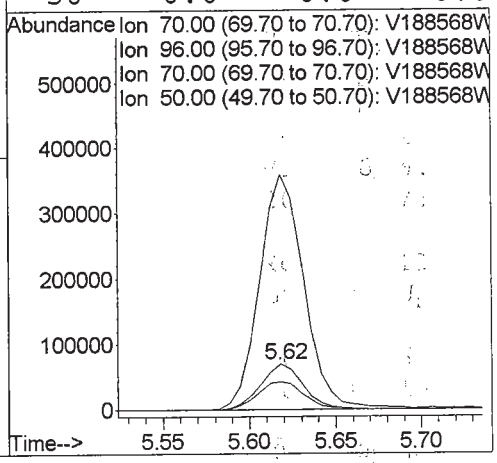


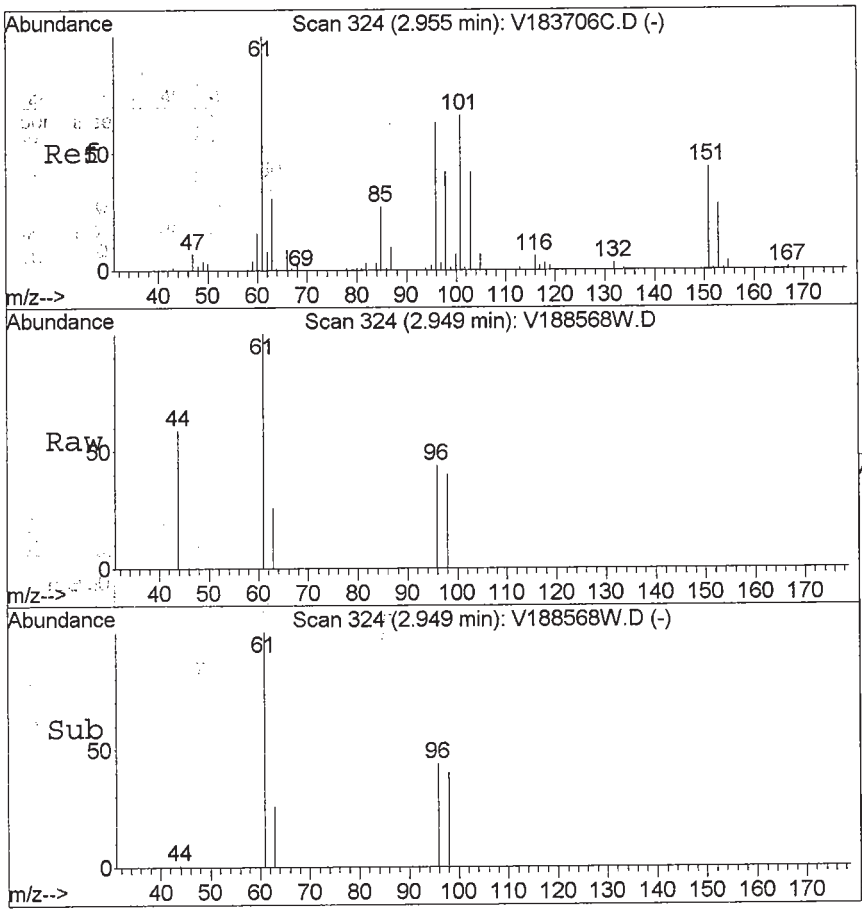


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. 0.00 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 70 Resp: 119137

Ion	Ratio	Lower	Upper
70	100		
96	536.0	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

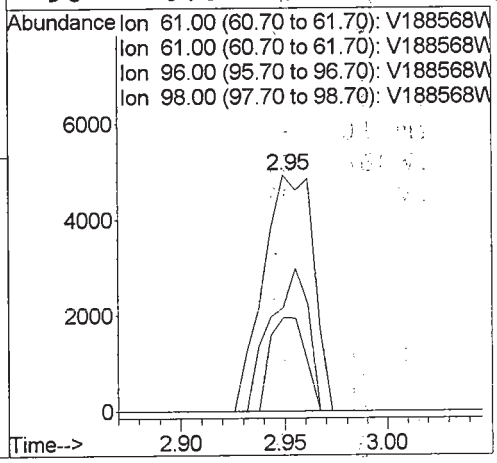


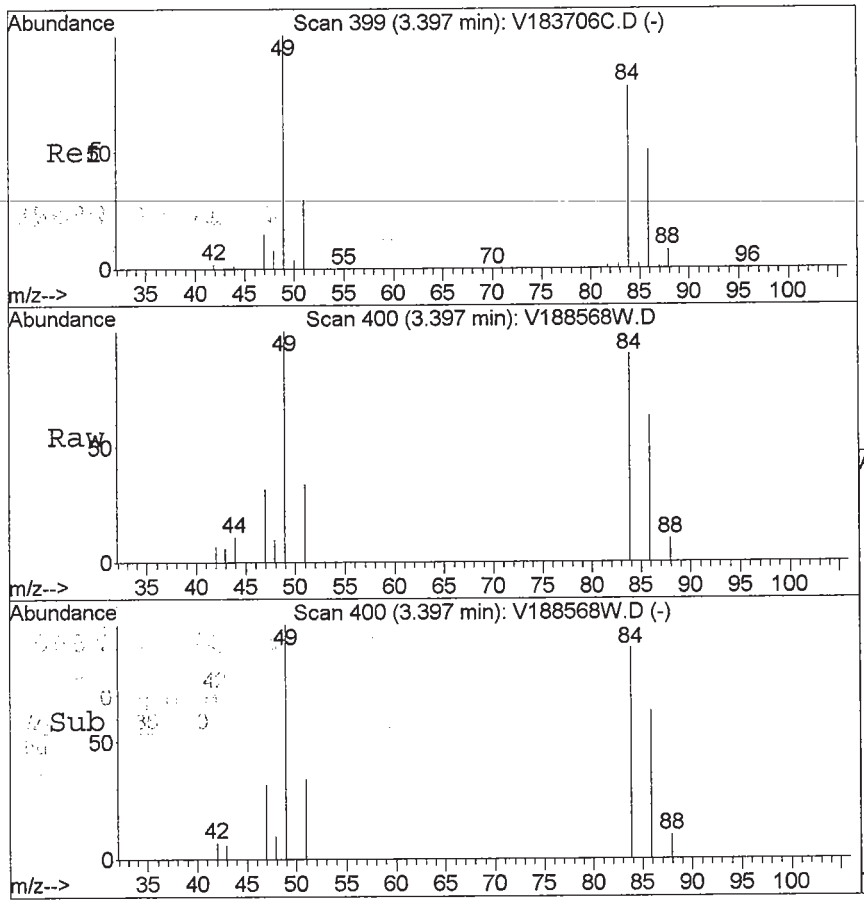


#10
1,1-Dichloroethylene
Concen: 1.06 ppb
RT: 2.95 min Scan# 324
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 61 Resp: 8246

Ion	Ratio	Lower	Upper
61	100		
61	100.0	80.0	120.0
96	0.0	46.8	70.2#
98	0.0	30.6	46.0#

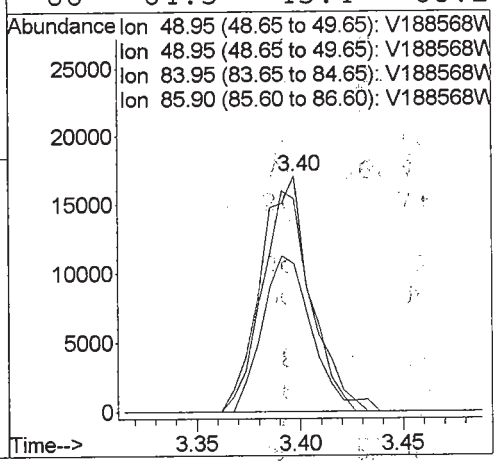


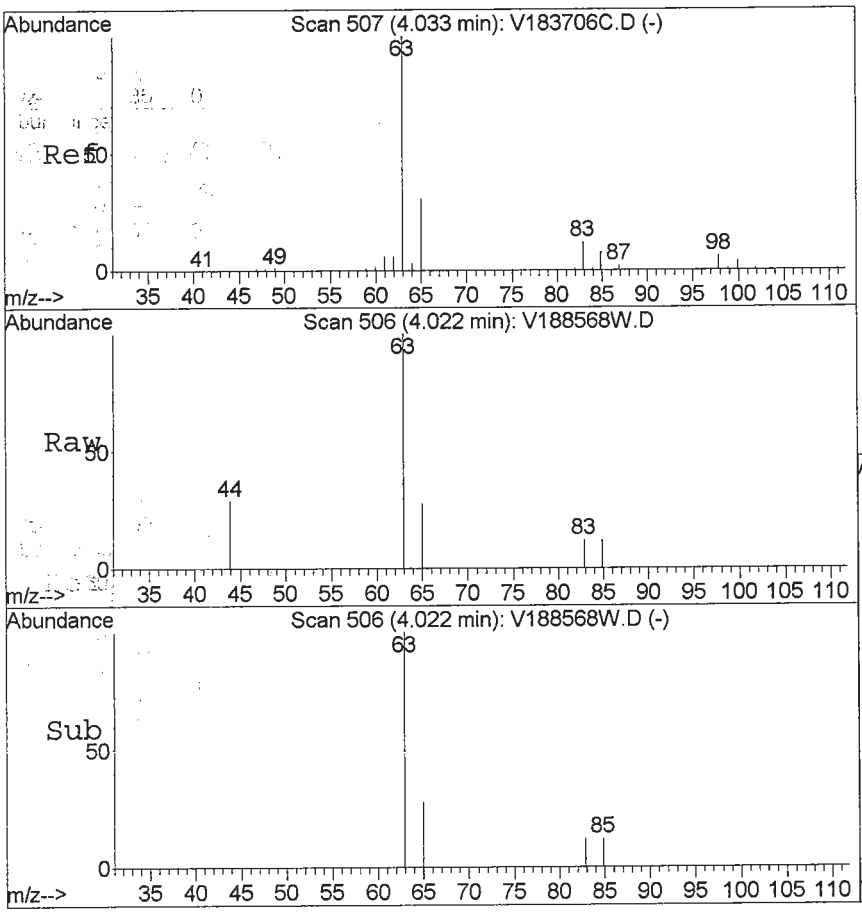


#17
Methylene Chloride
Concen: 5.23 ppb
RT: 3.40 min Scan# 400
Delta R.T. 0.00 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 49 Resp: 29029

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	89.3	66.3	99.5
86	64.3	45.4	68.2

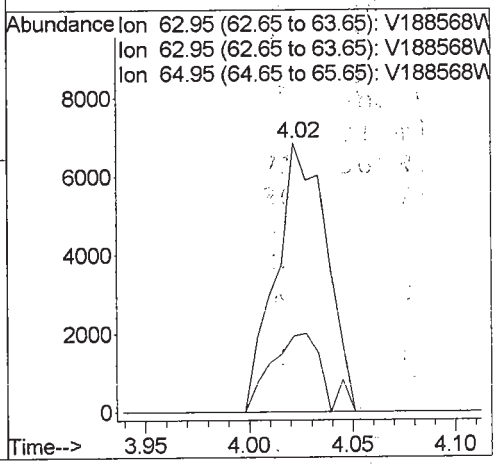


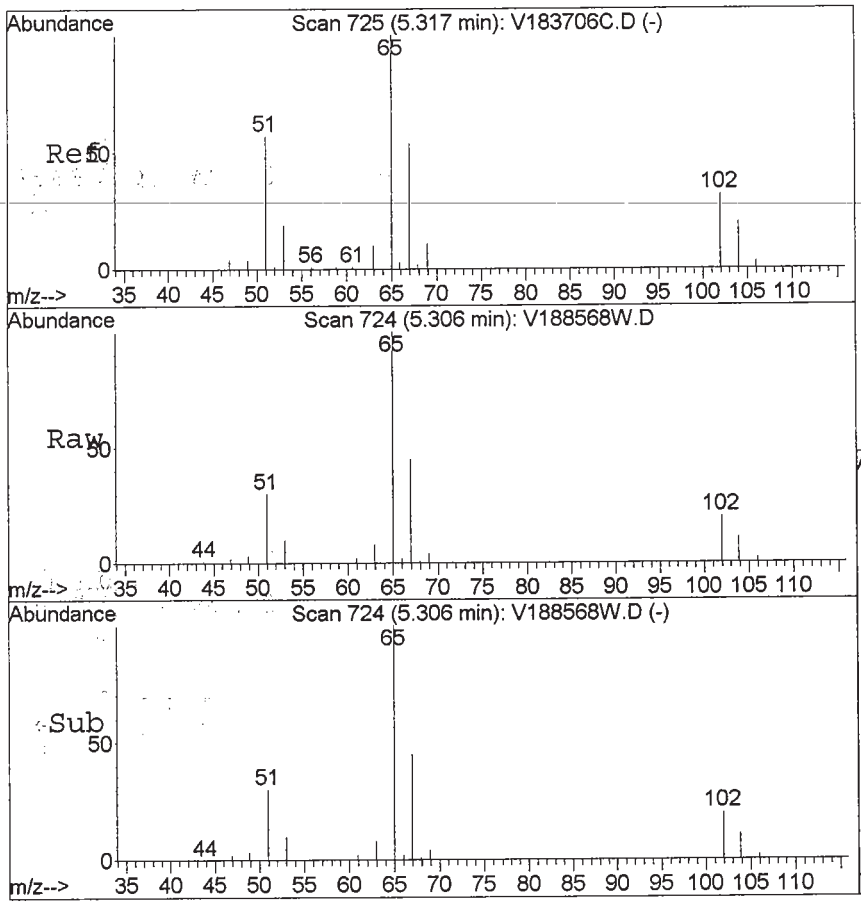


#21
1,1-Dichloroethane
Concen: 1.49 ppb
RT: 4.02 min Scan# 506
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 63 Resp: 11595

Ion	Ratio	Lower	Upper
63	100		
63	100.0	50.0	150.0
65	28.3	15.4	46.1

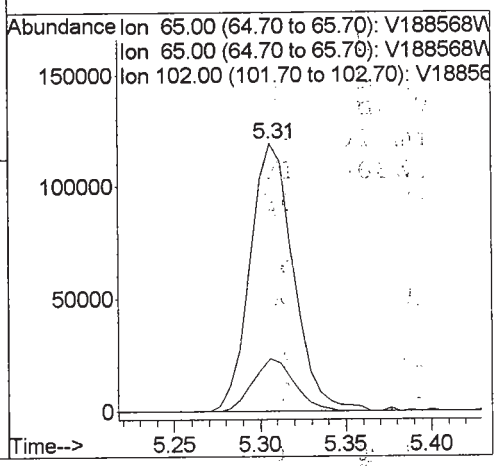


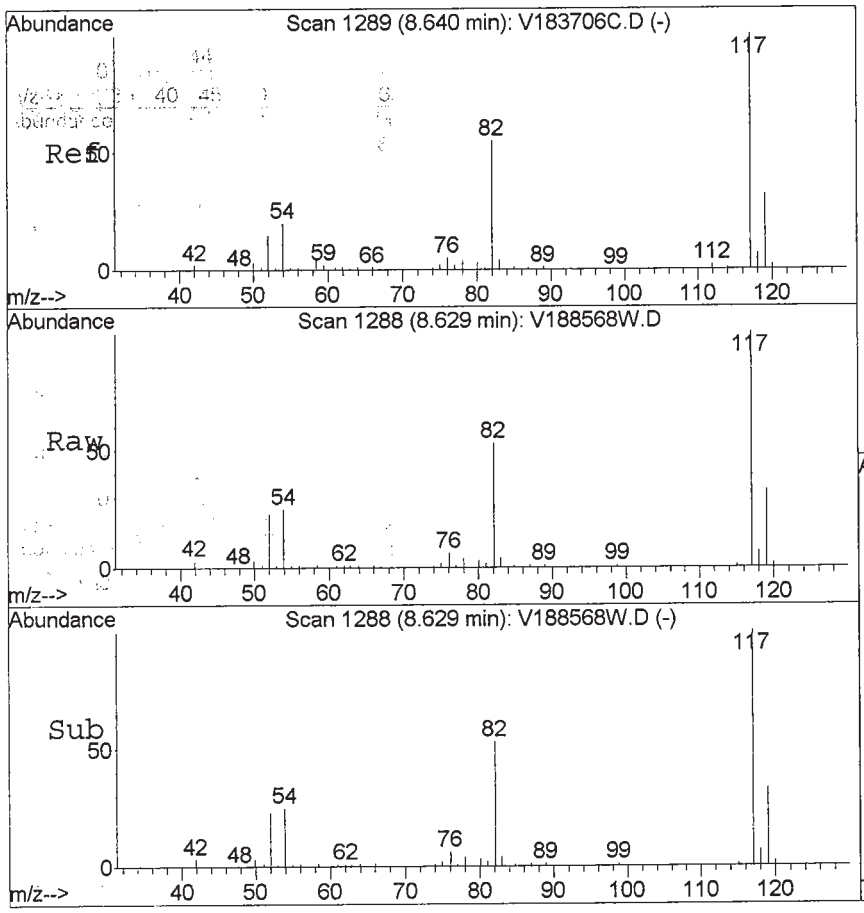


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 65 Resp: 209958

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	18.9	15.8	23.8

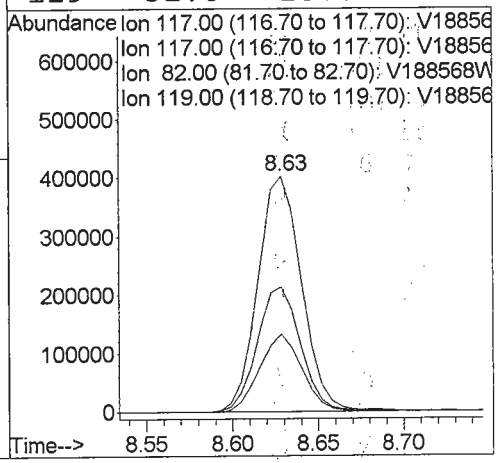


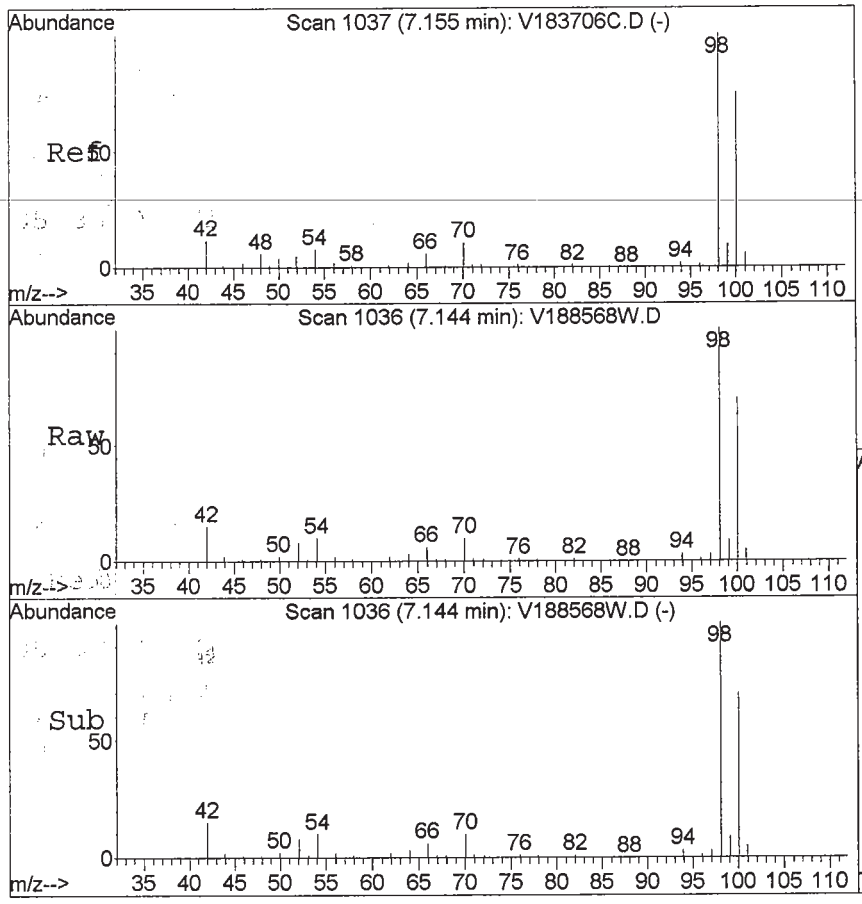


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. 0.00 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion:117 Resp: 714402

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.8	25.5	38.3

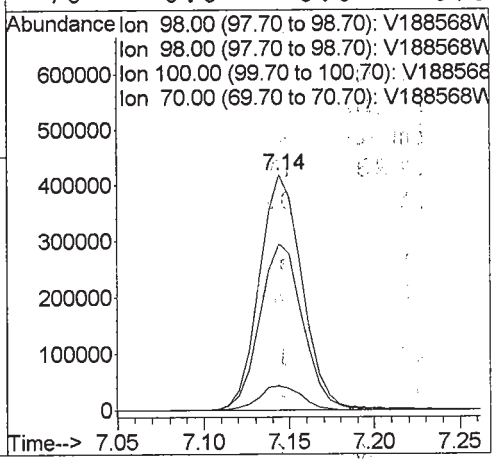


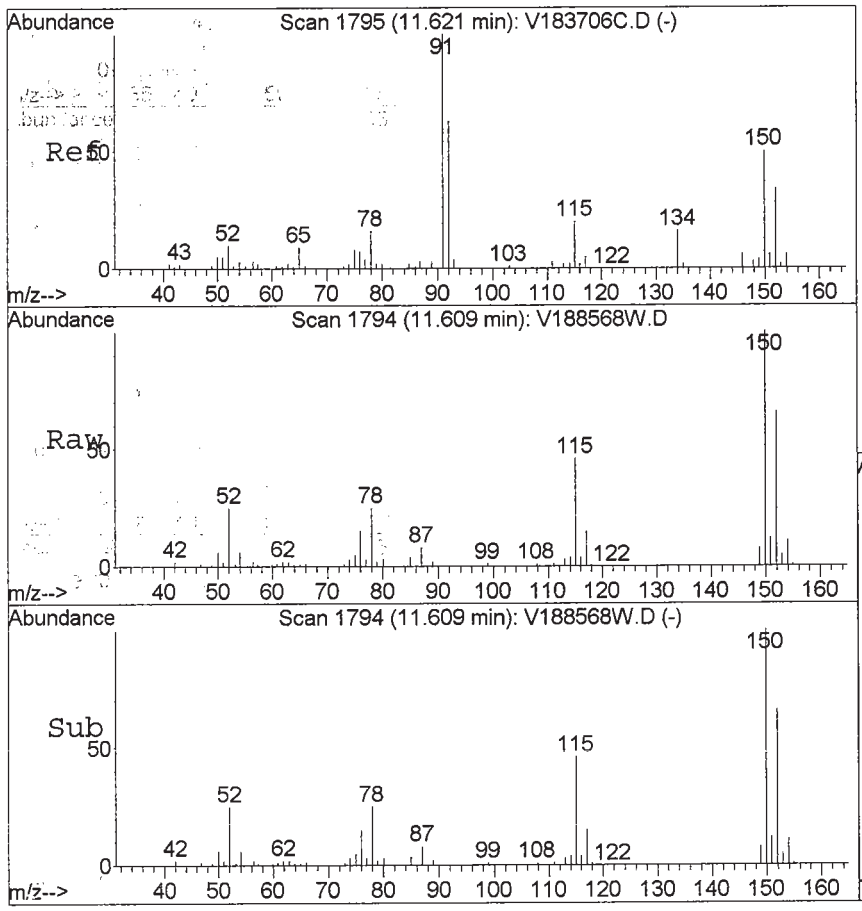


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 98 Resp: 729186

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.1	35.3	105.7
70	0.0	0.0	0.0

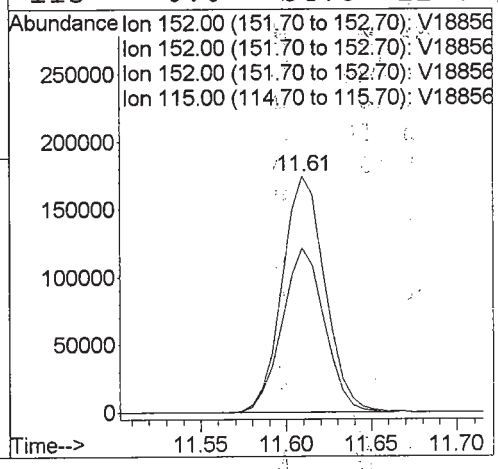


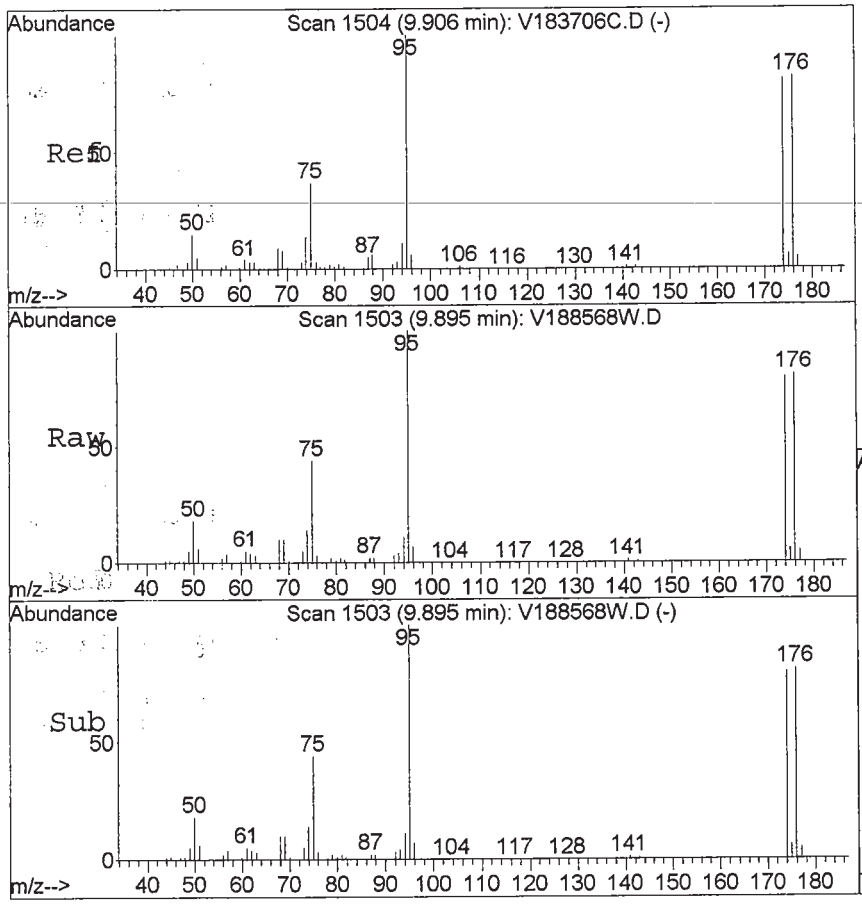


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion:152 Resp: 303974

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

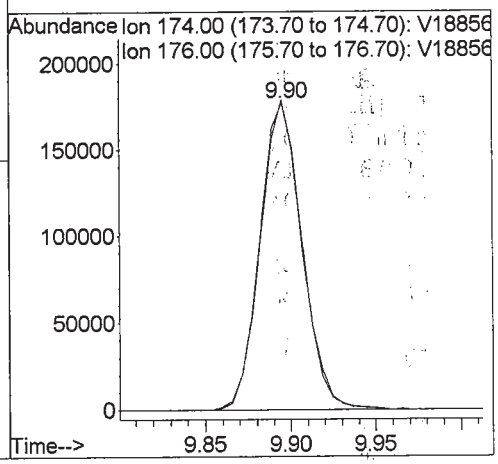




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.90 min Scan# 1503
Delta R.T. 0.00 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion:174 Resp: 308579

Ion	Ratio	Lower	Upper
174	100		
176	97.2	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-04	File ID:	V188540W.D
Sampled:	04/23/13 16:10	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 01:25
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	15	
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-04	File ID:	V188540W.D
Sampled:	04/23/13 16:10	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 01:25
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.4	109	72.6 - 129	
p-Bromofluorobenzene	50.0	48.9	97.8	63.5 - 145	
Toluene-d8	50.0	49.3	98.7	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188540W.D Vial: 27
Acq On : 27 Apr 2013 1:25 am Operator: SS
Sample : 13D0938-04 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:05 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

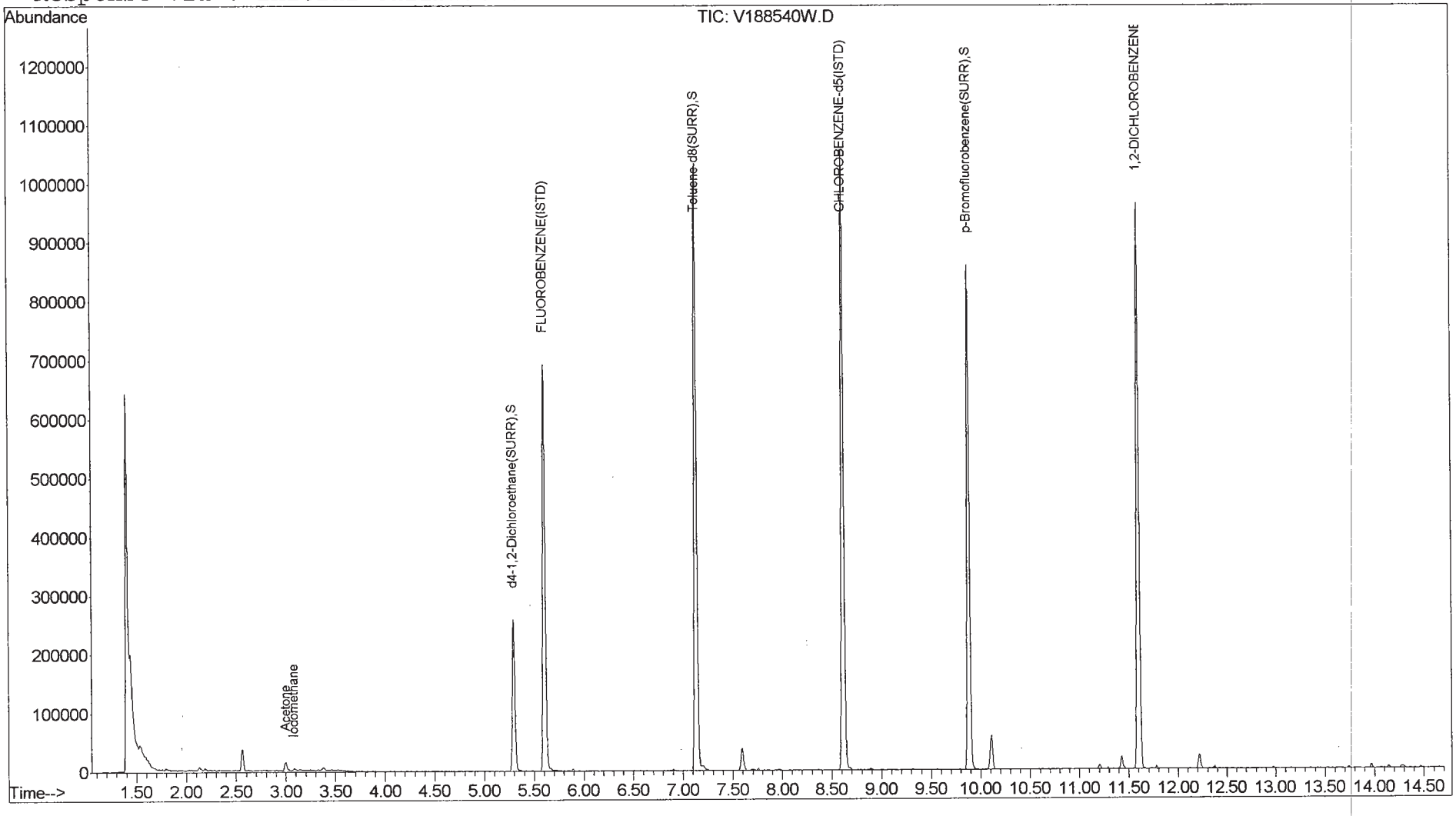
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.60	70	116238	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.61	117	648071	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	271228	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	183993	54.43	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 108.86%			
47) Toluene-d8(SURR)	7.14	98	685595	49.34	ppb	-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.68%			
64) p-Bromofluorobenzene(SURR)	9.88	174	268028	48.89	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 97.78%			
Target Compounds						Qvalue
12) Iodomethane	3.08	142	4139	1.03	ppb	# 77
20) Acetone	2.99	43	18864	14.51	ppb	# 94

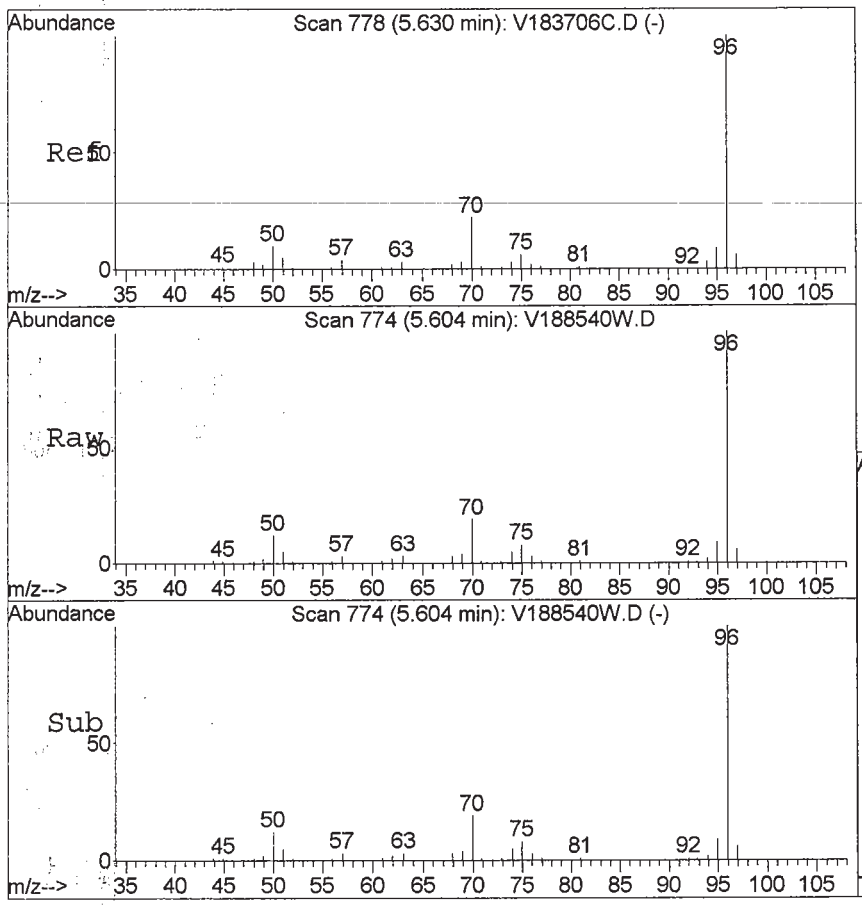
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188540W.D Vial: 27
Acq On : 27 Apr 2013 1:25 am Operator: SS
Sample : 13D0938-04 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:05 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

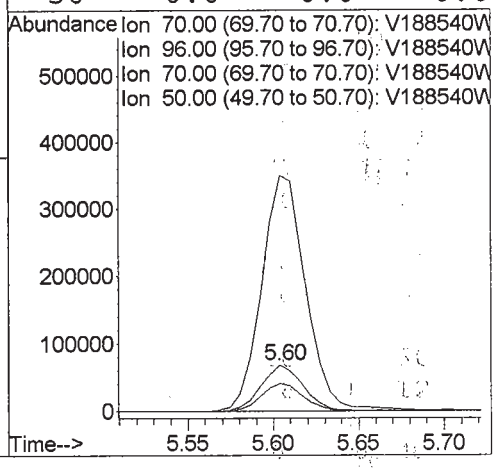


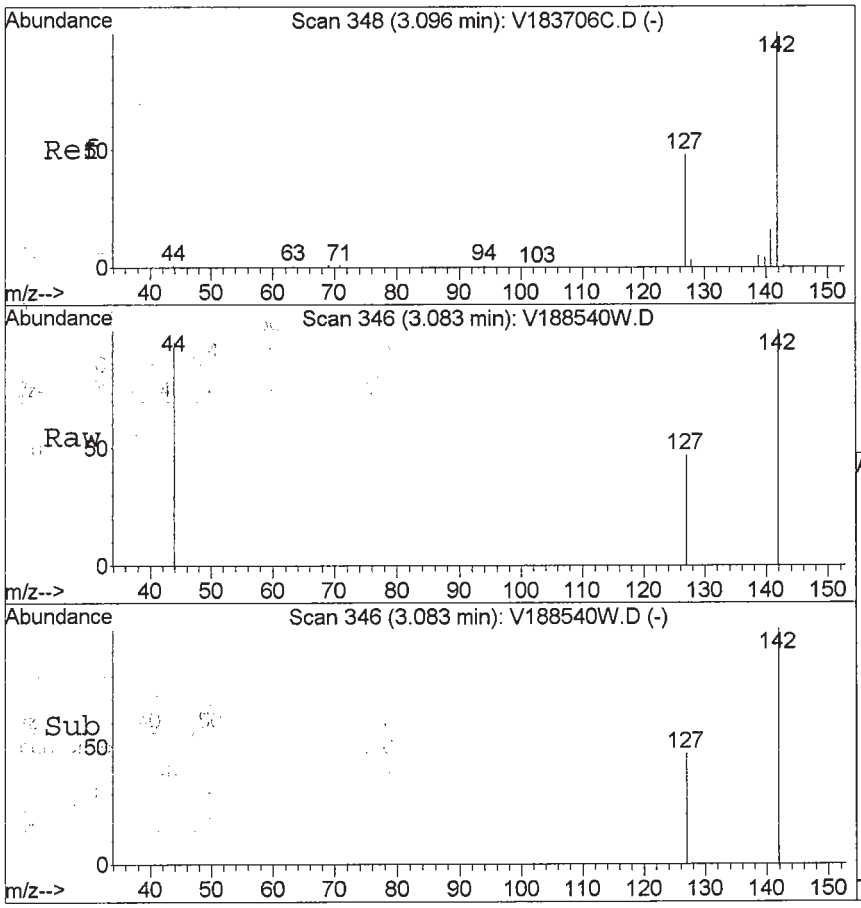


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.60 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion: 70 Resp: 116238

Ion	Ratio	Lower	Upper
70	100		
96	536.8	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

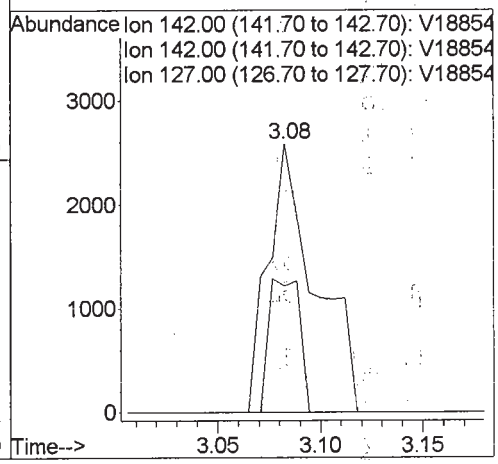


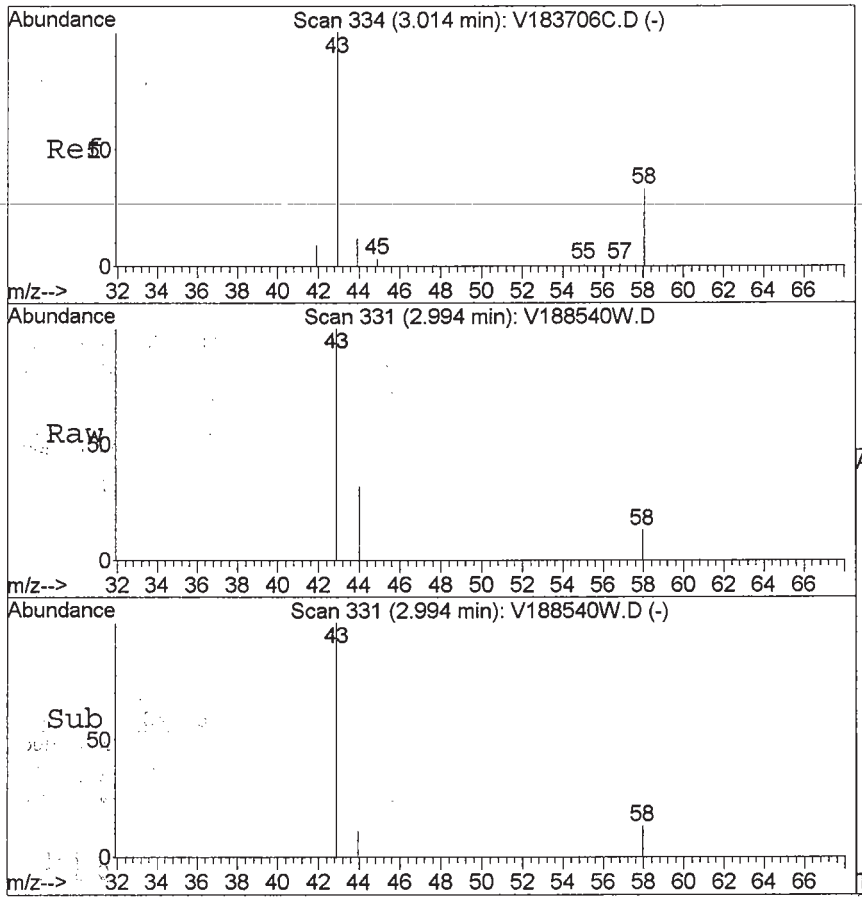


#12
Iodomethane
Concen: 1.03 ppb
RT: 3.08 min Scan# 346
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion:142 Resp: 4139

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

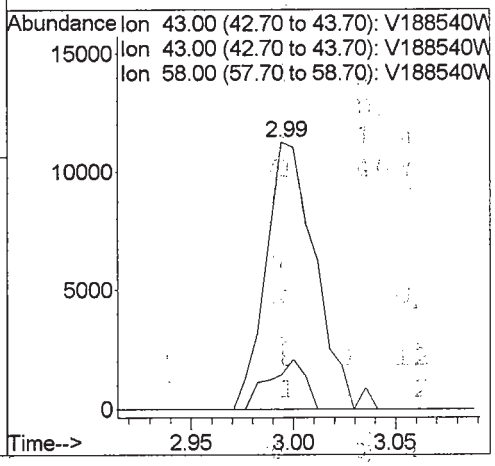


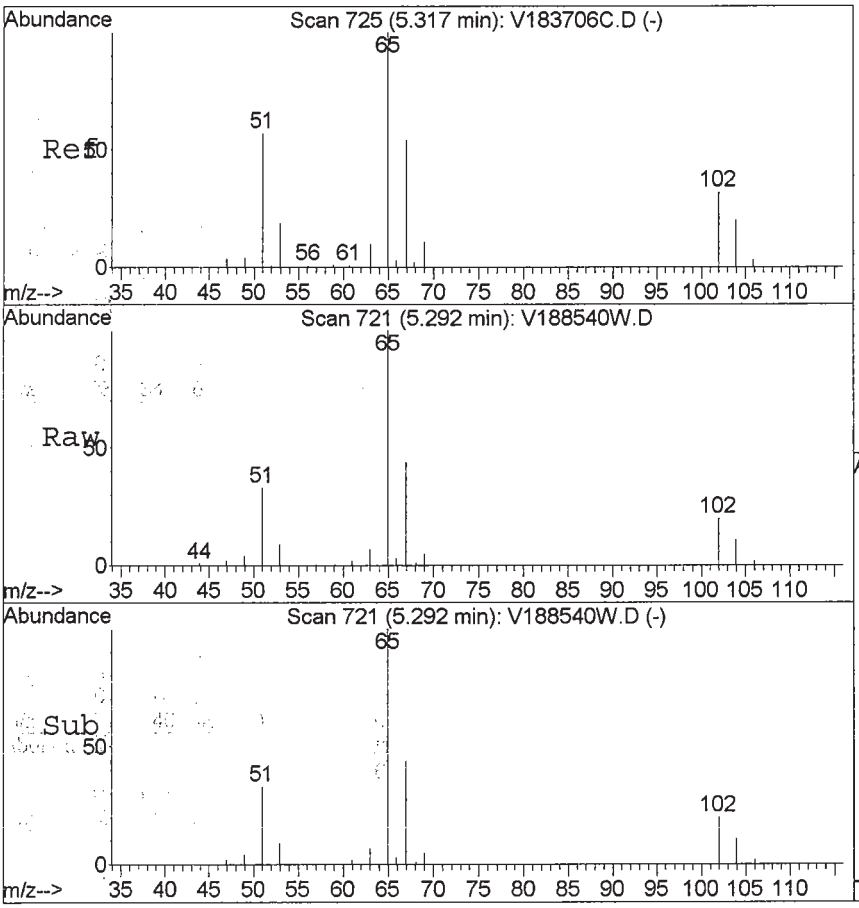


#20
Acetone
Concen: 14.51 ppb
RT: 2.99 min Scan# 331
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion: 43 Resp: 18864

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	14.5	21.7#

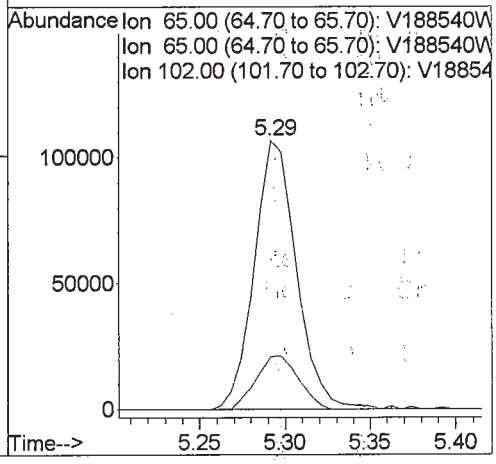


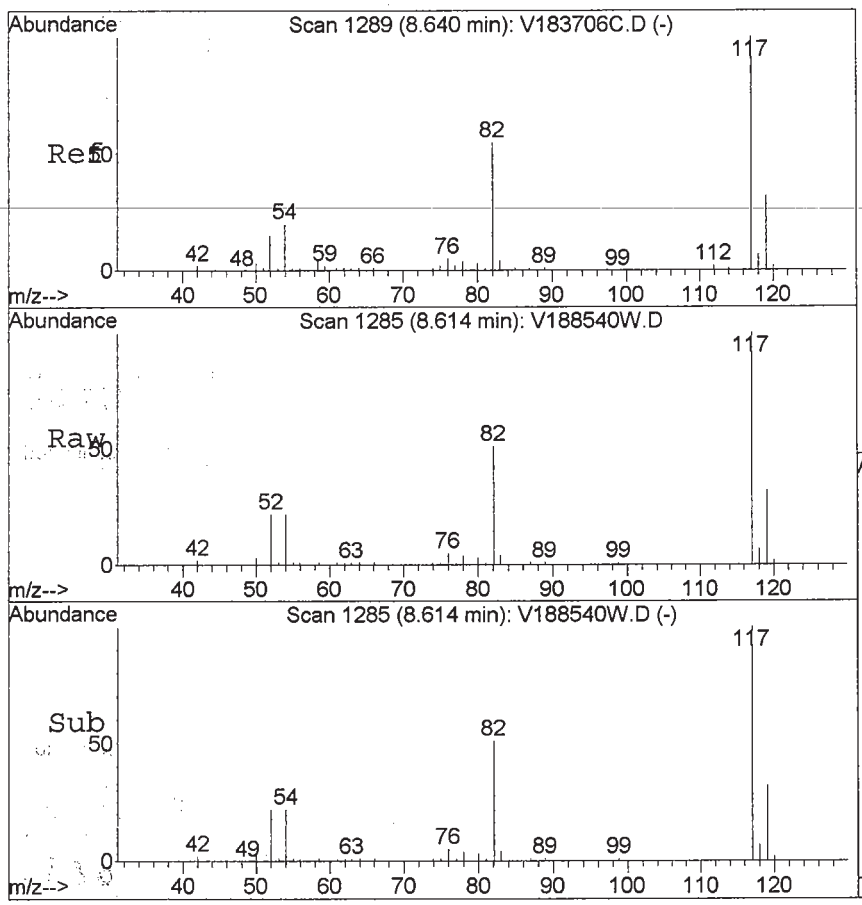


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion: 65 Resp: 183993

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.1	15.8	23.8

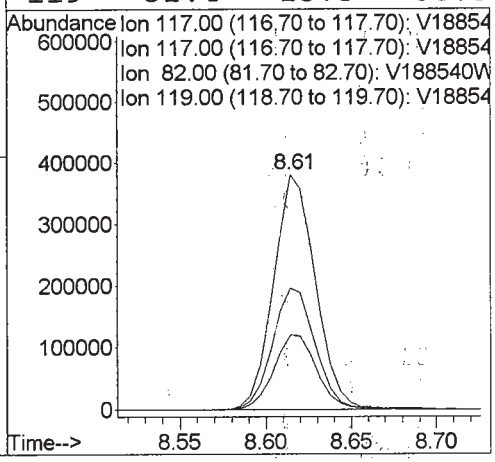


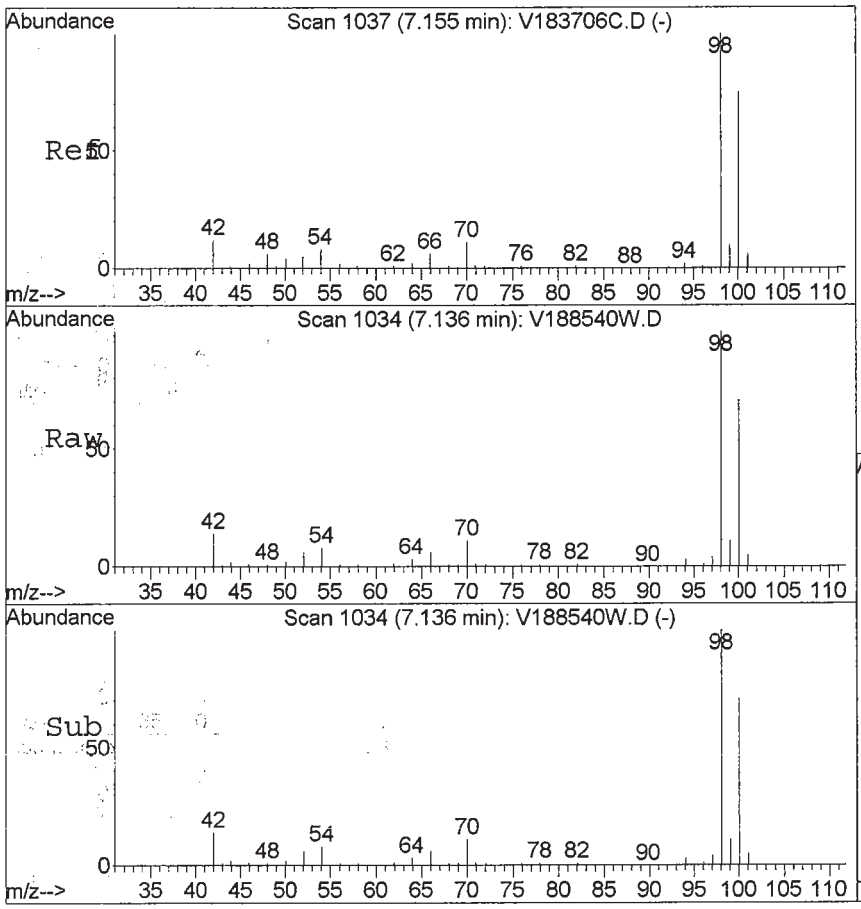


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.61 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion:117 Resp: 648071

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.4	25.5	38.3

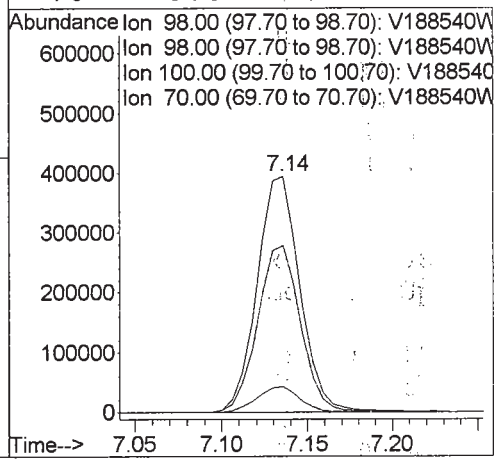


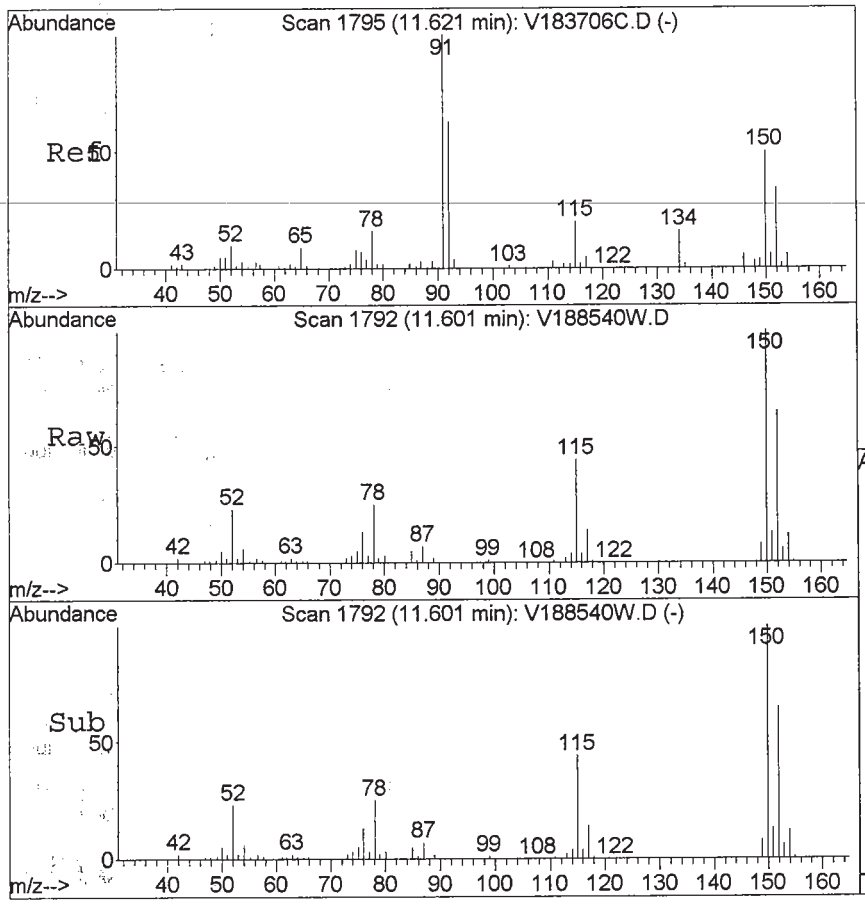


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1034
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion: 98 Resp: 685595

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.5	35.3	105.7
70	0.0	0.0	0.0

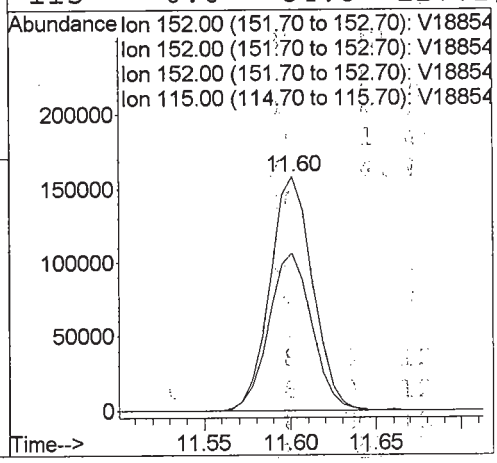


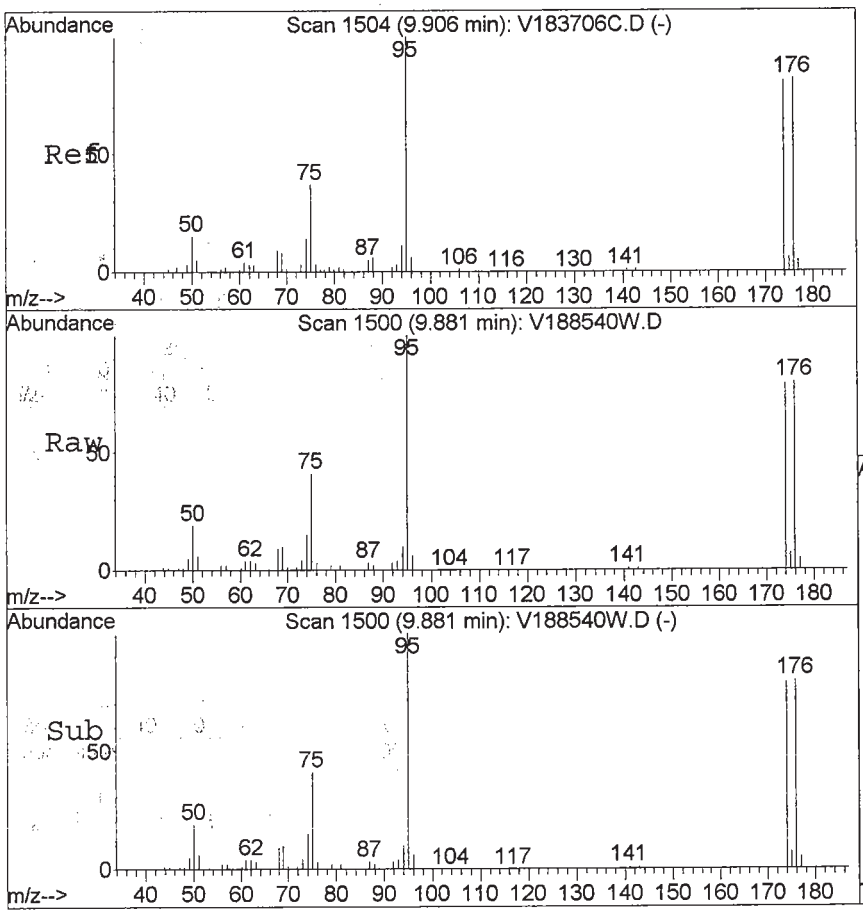


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion:152 Resp: 271228

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

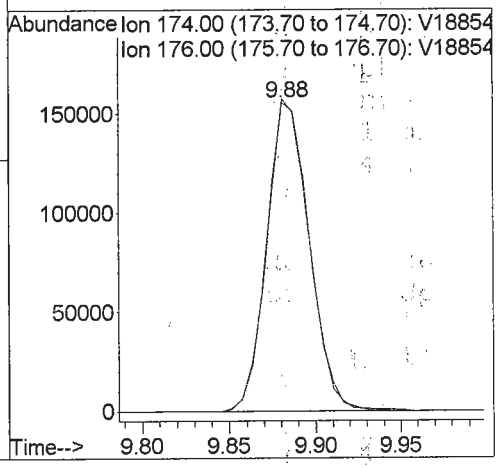




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion:174 Resp: 268028

Ion	Ratio	Lower	Upper
174	100		
176	99.5	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-05	File ID:	V188541W.D
Sampled:	04/23/13 18:50	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 02:04
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-05 File ID: V188541W.D

Sampled: 04/23/13 18:50 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:04

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.1	108	72.6 - 129	
p-Bromofluorobenzene	50.0	50.7	101	63.5 - 145	
Toluene-d8	50.0	49.1	98.1	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188541W.D Vial: 28
Acq On : 27 Apr 2013 2:04 am Operator: SS
Sample : 13D0938-05 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:05 2013 Quant Results File: V1C00360.RES

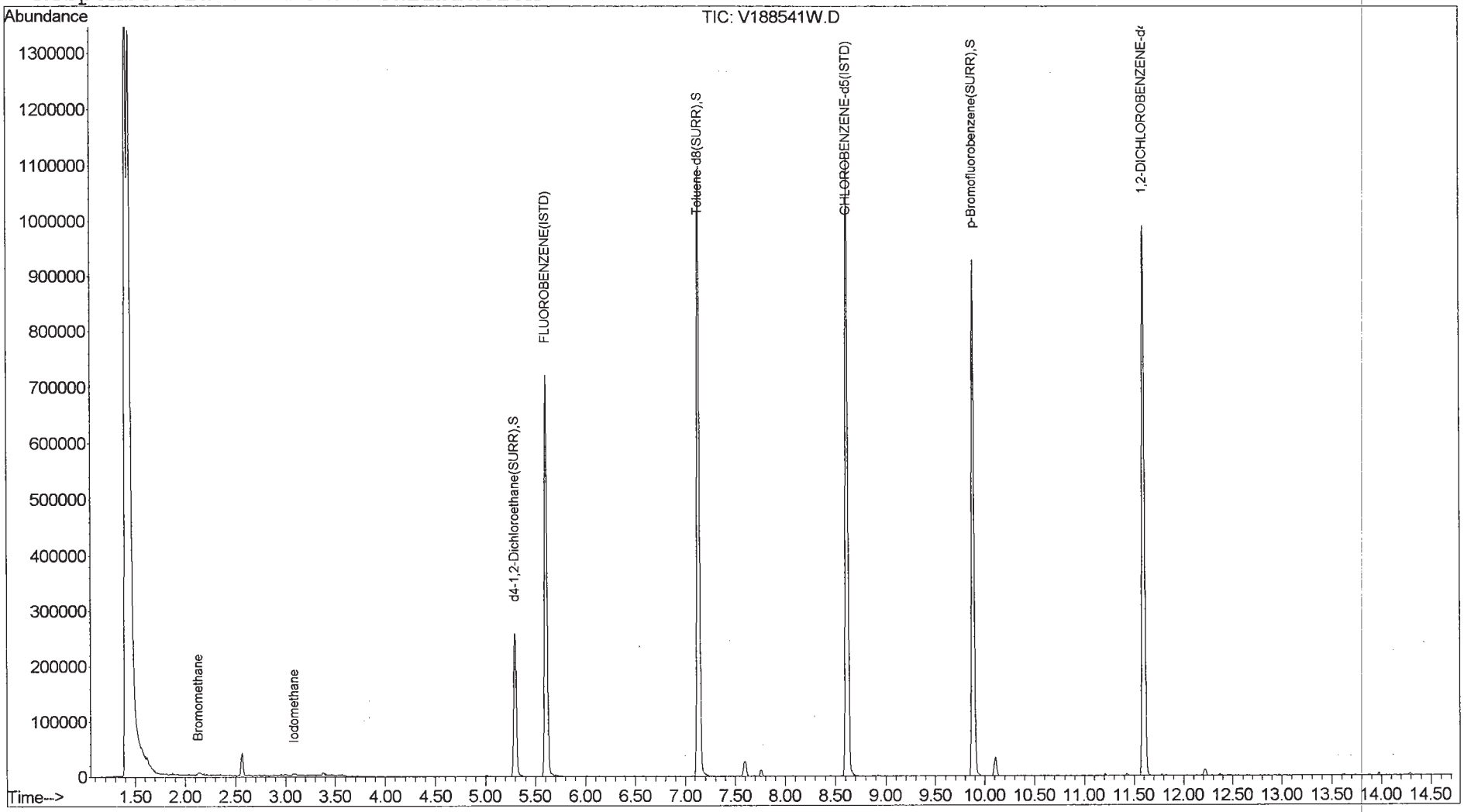
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

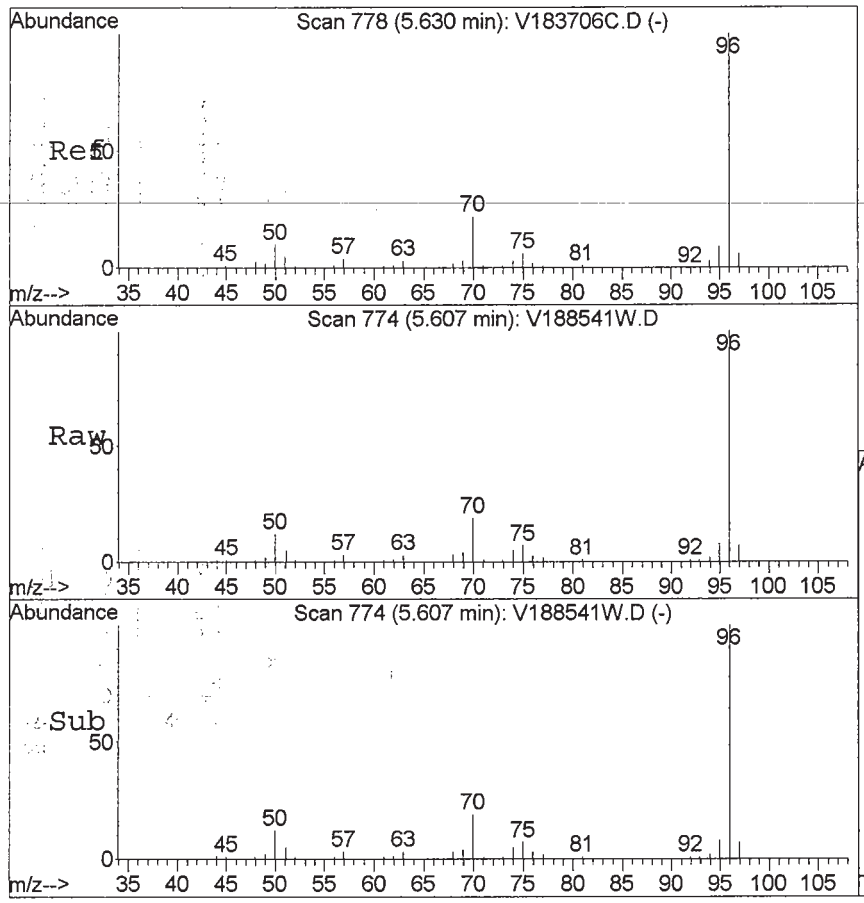
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	124458	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	687411	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	281025	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	195784	54.09	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 108.18%			
47) Toluene-d8(SURR)	7.13	98	723054	49.06	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.12%			
64) p-Bromofluorobenzene(SURR)	9.88	174	287965	50.70	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.40%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	8130	2.03	ppb	# 74
12) Iodomethane	3.09	142	3833	0.89	ppb	# 77

(#) = qualifier out of range (m) = manual integration

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188541W.D Vial: 28
Acq On : 27 Apr 2013 2:04 am Operator: SS
Sample : 13D0938-05 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:05 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

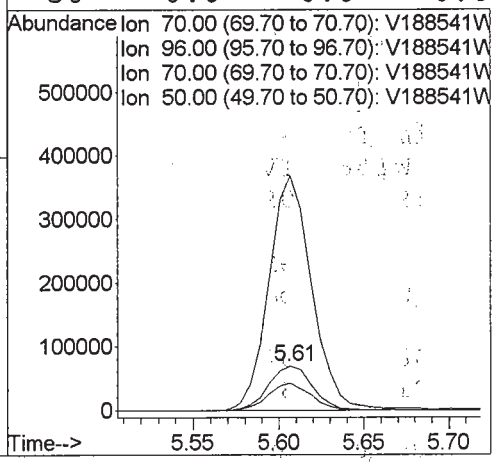


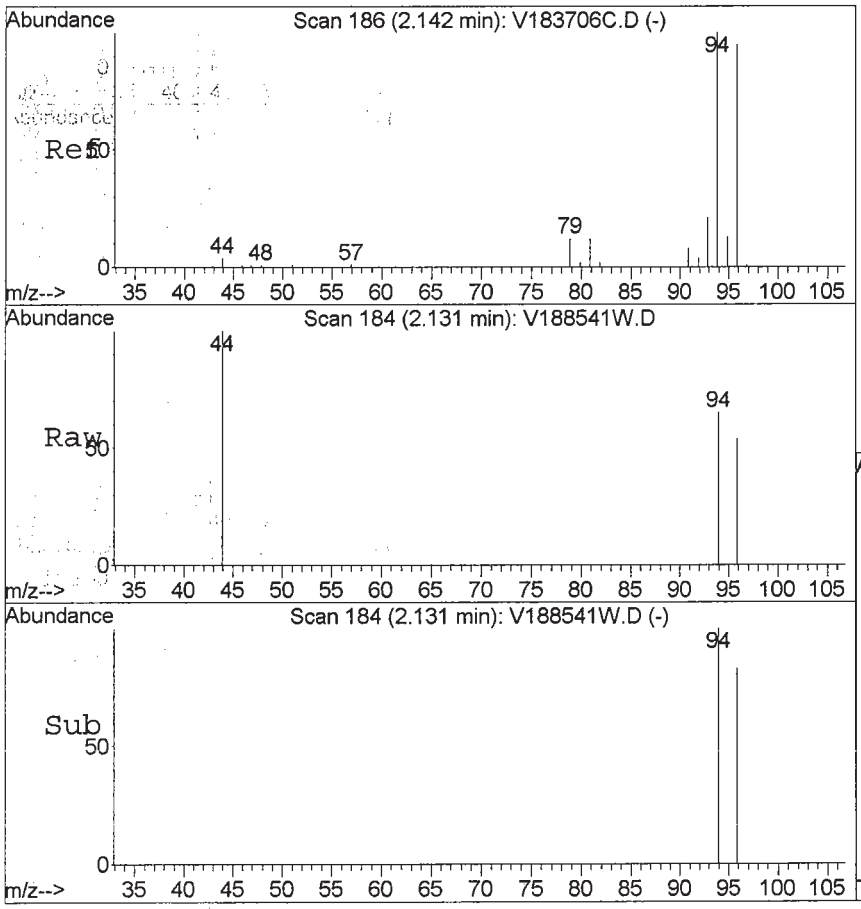


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion: 70 Resp: 124458

Ion	Ratio	Lower	Upper
70	100		
96	516.6	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

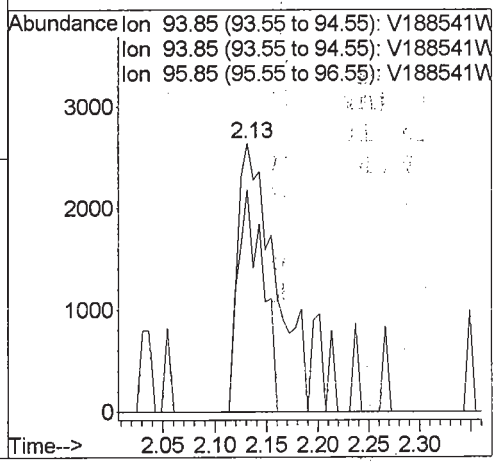


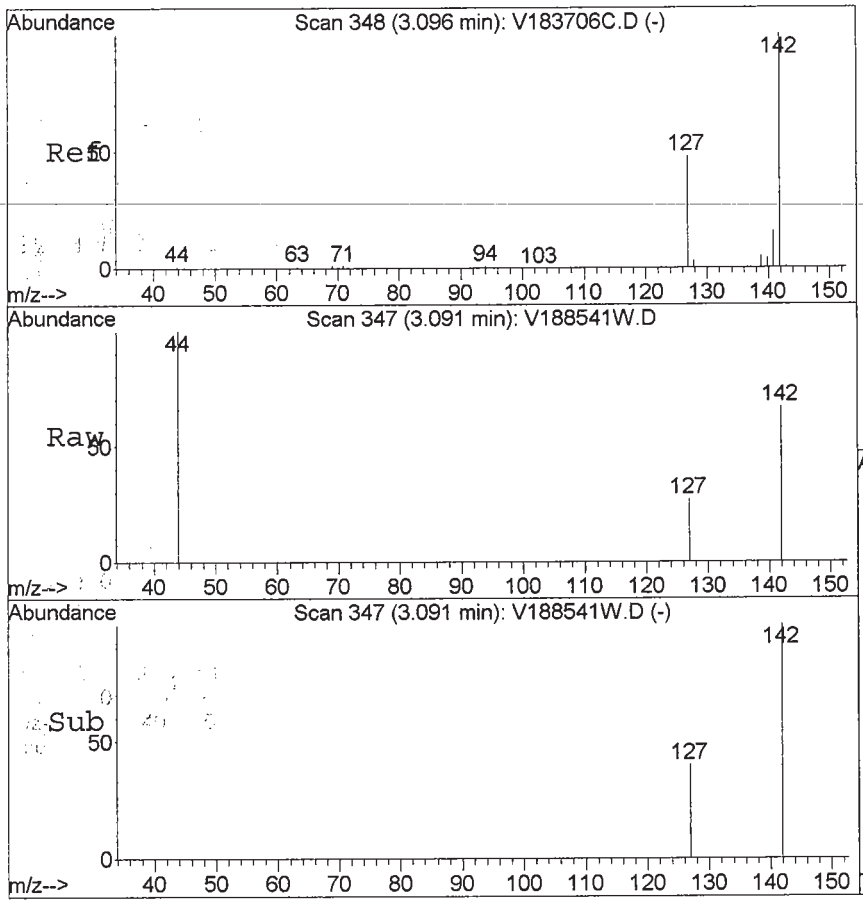


#5
Bromomethane
Concen: 2.03 ppb
RT: 2.13 min Scan# 184
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion: 94 Resp: 8130

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	45.4	77.5	116.3#

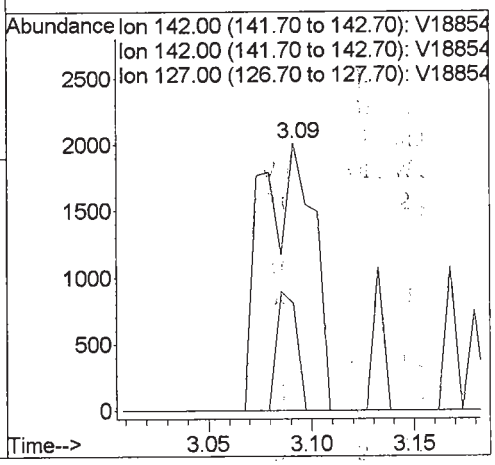


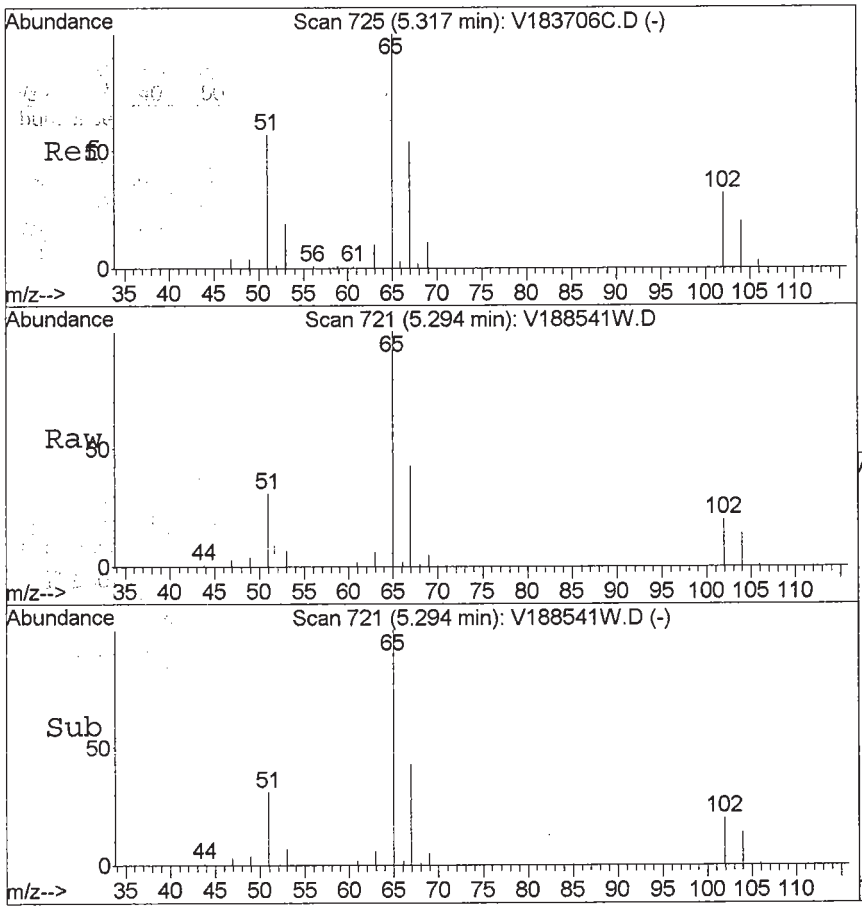


#12
Iodomethane
Concen: 0.89 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion:142 Resp: 3833

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

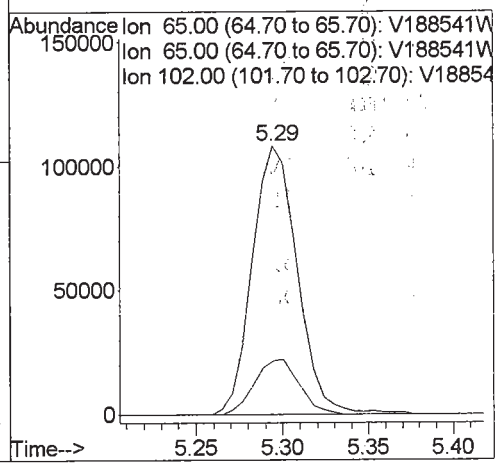


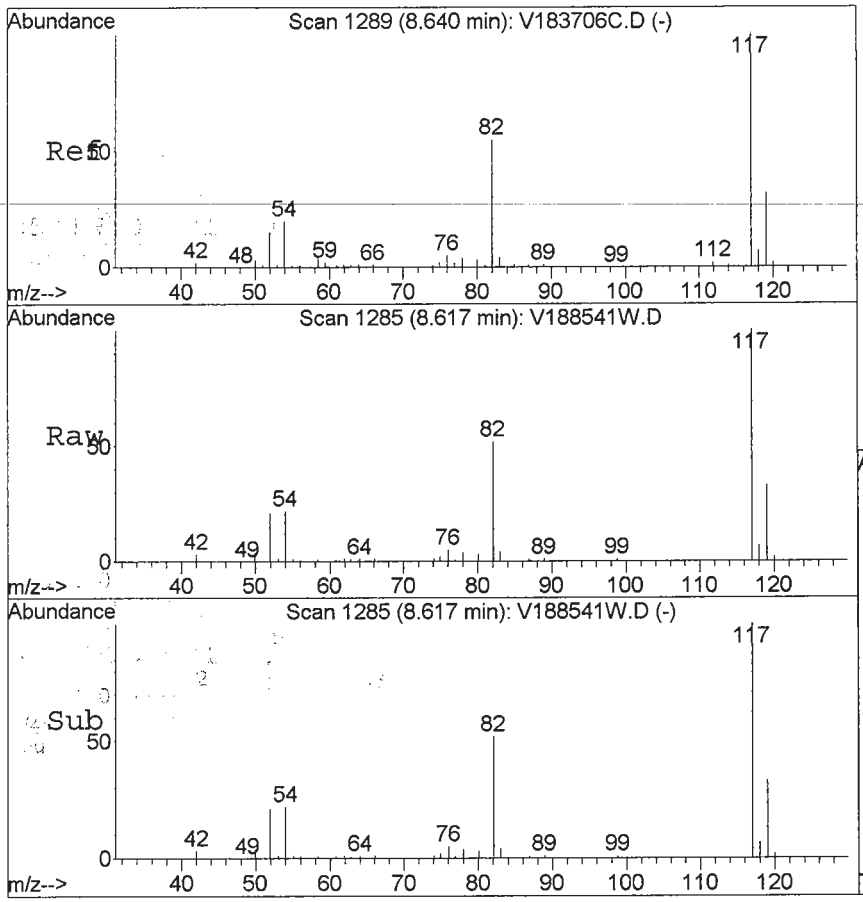


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion: 65 Resp: 195784

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.4	15.8	23.8

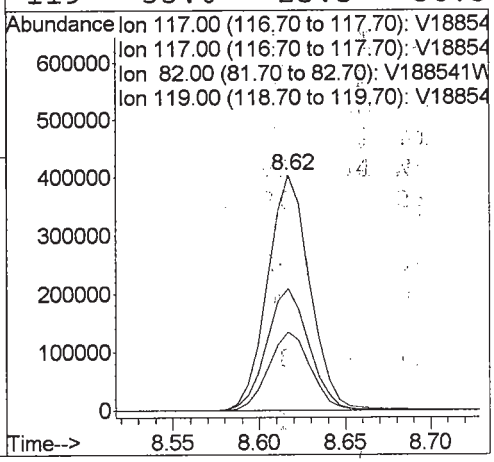


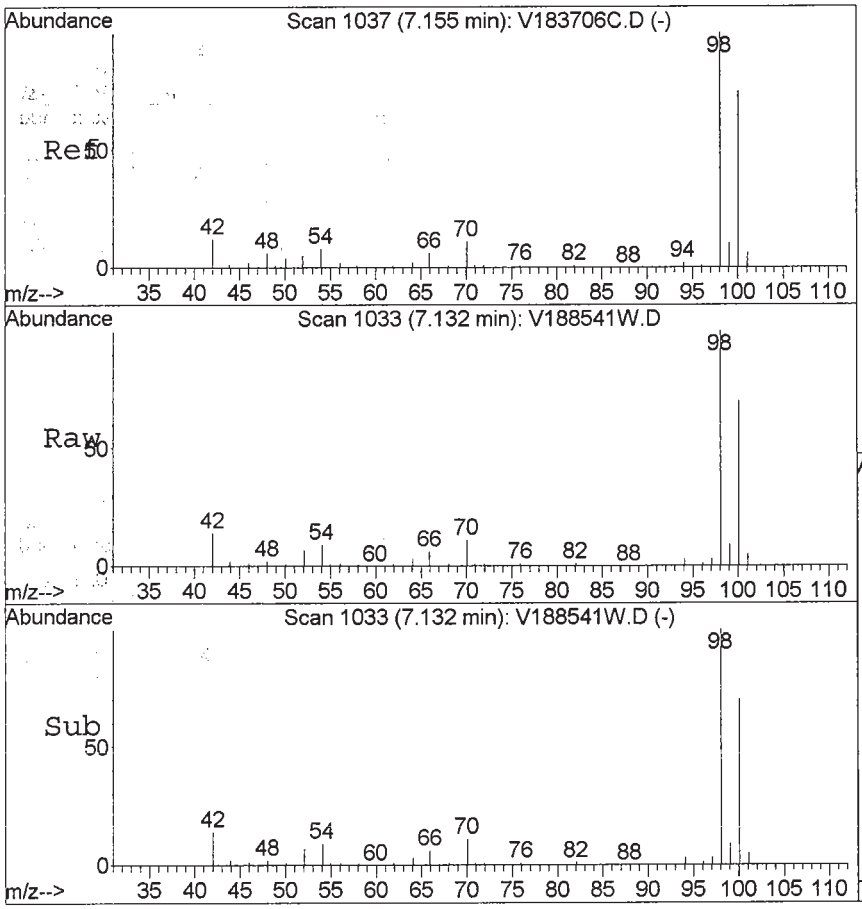


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion:117 Resp: 687411

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	33.0	25.5	38.3

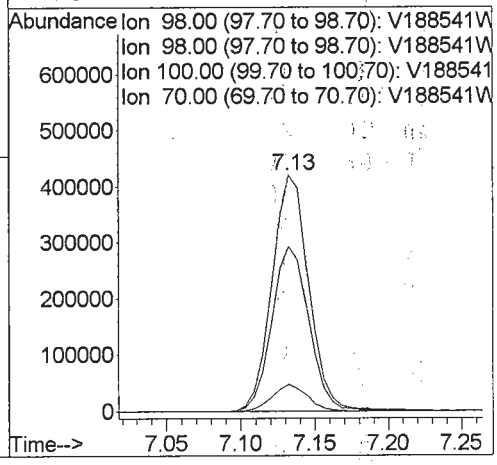


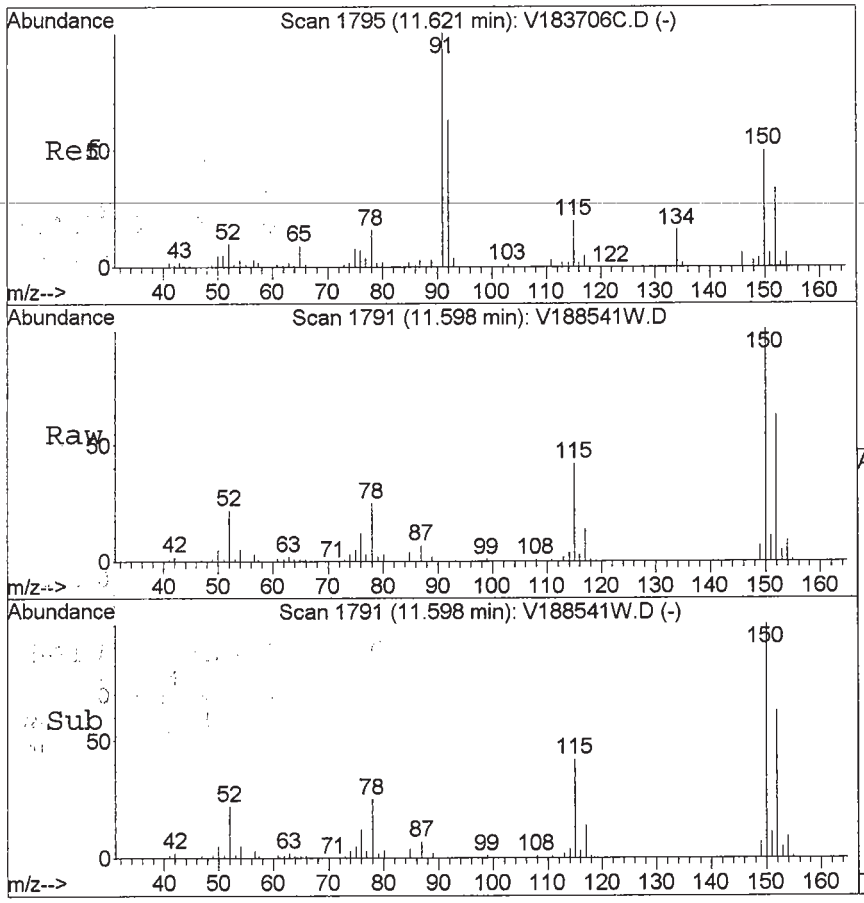


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1033
Delta R.T. -0.02 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion: 98 Resp: 723054

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.3	35.3	105.7
70	0.0	0.0	0.0

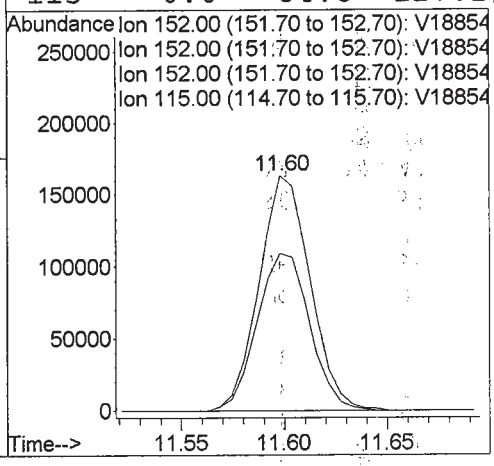


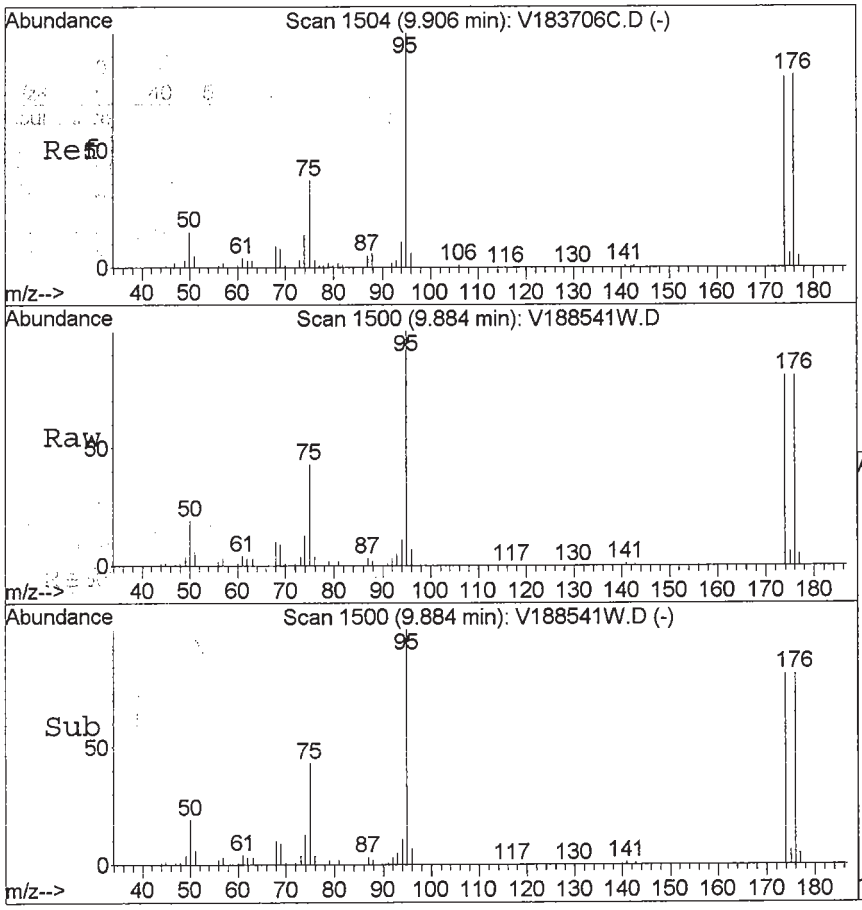


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1791
Delta R.T. -0.02 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion:152 Resp: 281025

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

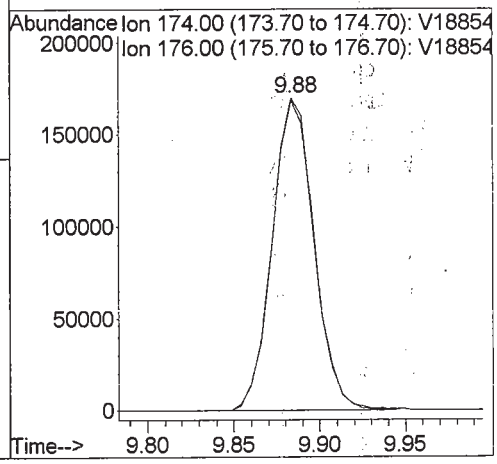




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion:174 Resp: 287965

Ion	Ratio	Lower	Upper
174	100		
176	99.1	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-06 File ID: V188542W.D

Sampled: 04/23/13 18:23 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:43

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-06 File ID: V188542W.D

Sampled: 04/23/13 18:23 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:43

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.2	110	72.6 - 129	
p-Bromofluorobenzene	50.0	50.4	101	63.5 - 145	
Toluene-d8	50.0	49.4	98.8	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188542W.D Vial: 29
Acq On : 27 Apr 2013 2:43 am Operator: SS
Sample : 13D0938-06 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:06 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

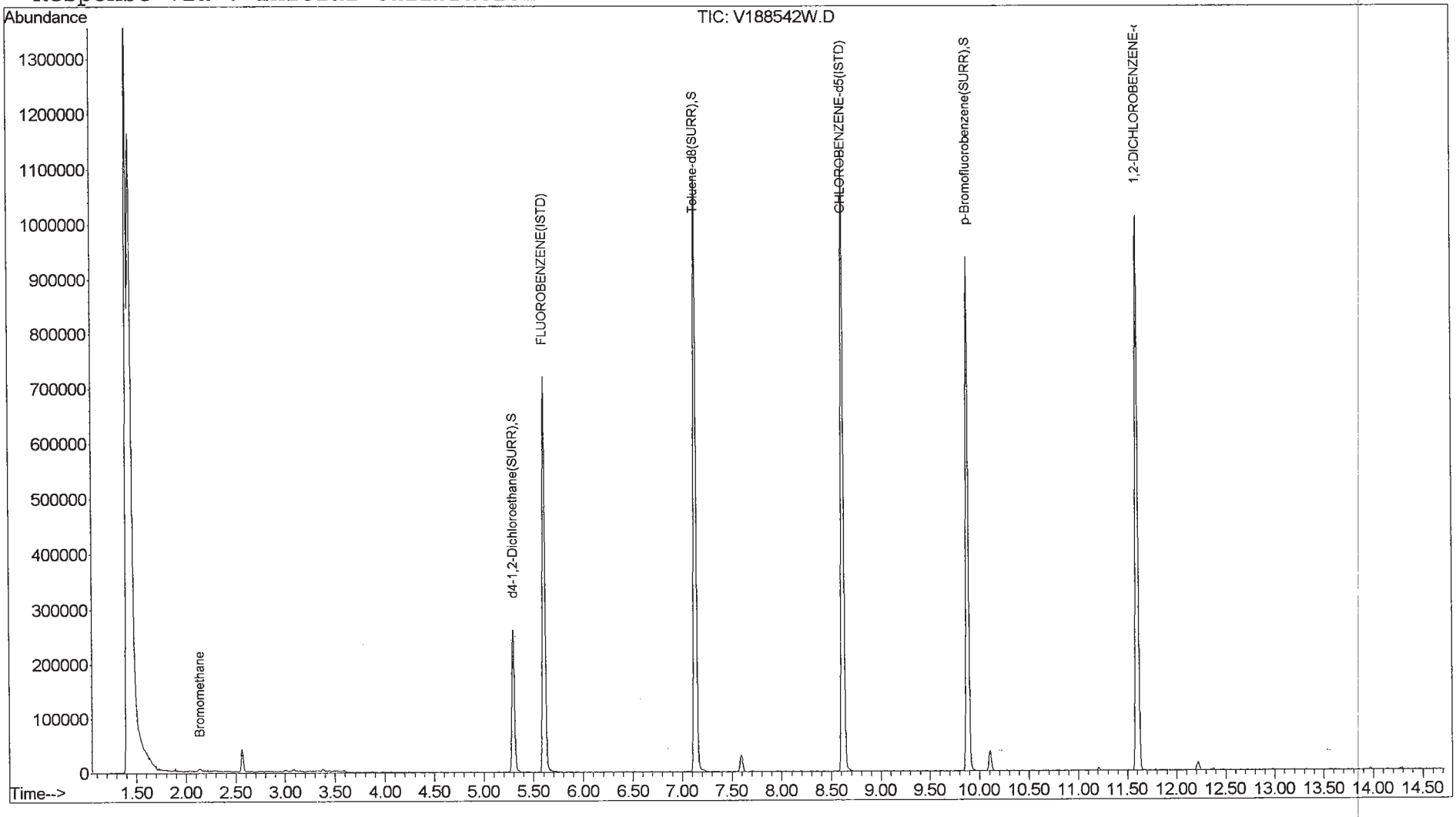
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	120929	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	687128	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	287076	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	194236	55.23	ppb	-0.01
Spiked Amount 50.000	Range 64 - 122		Recovery = 110.46%			
47) Toluene-d8(SURR)	7.13	98	727607	49.39	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.78%			
64) p-Bromofluorobenzene(SURR)	9.88	174	292610	50.43	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.86%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	4240	1.09	ppb	94

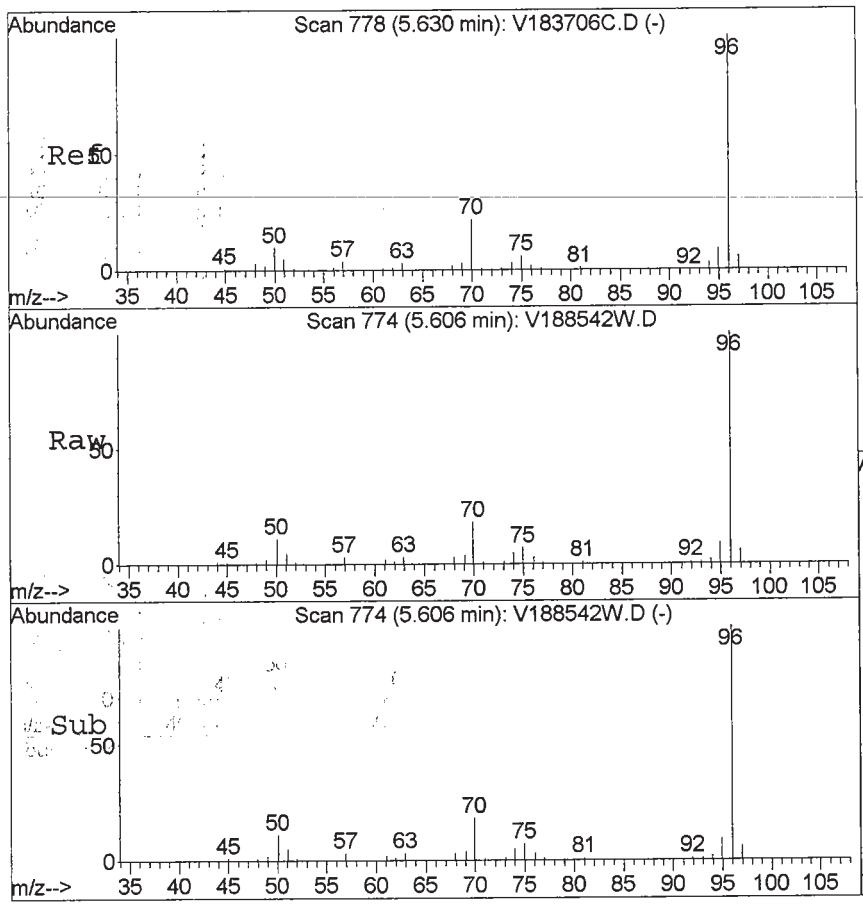
(#) = qualifier out of range (m) = manual integration
V188542W.D V1C00360.M Mon Apr 29 16:07:13 2013 Page 1

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188542W.D Vial: 29
Acq On : 27 Apr 2013 2:43 am Operator: SS
Sample : 13D0938-06 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:06 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

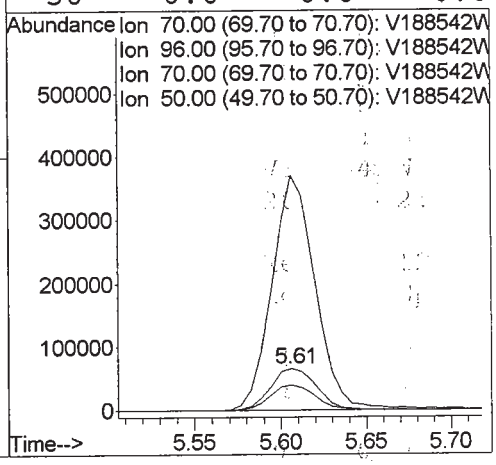


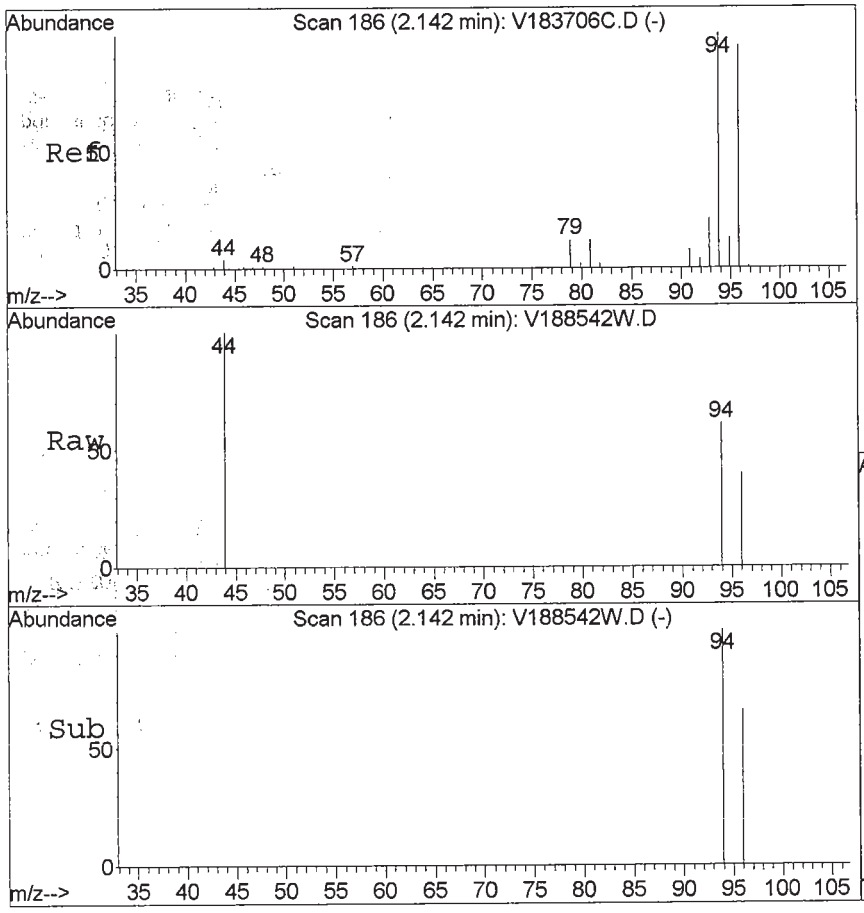


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion: 70 Resp: 120929

Ion	Ratio	Lower	Upper
70	100		
96	531.5	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

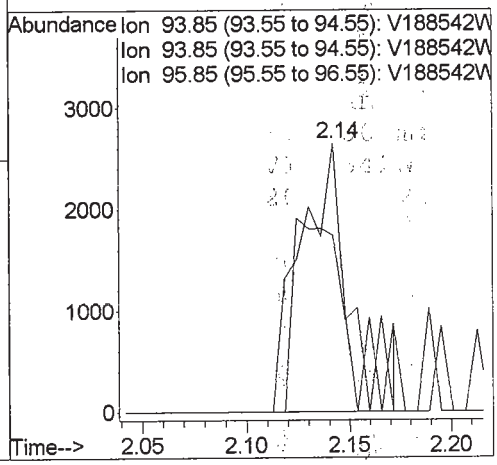


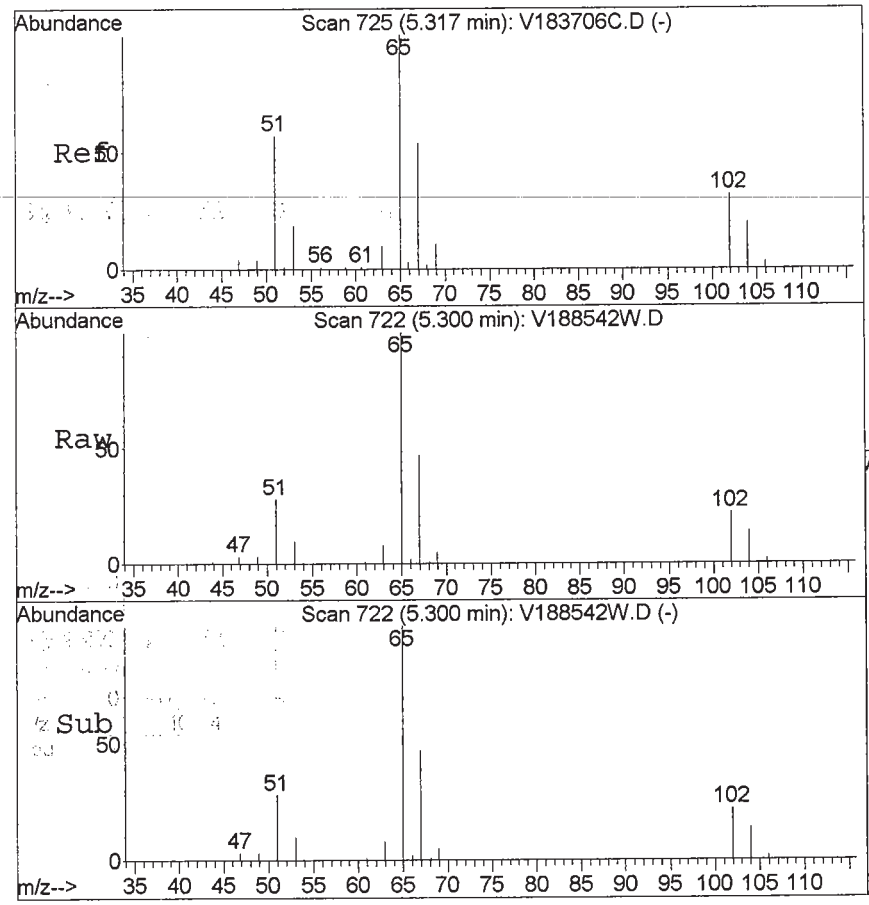


#5
Bromomethane
Concen: 1.09 ppb
RT: 2.14 min Scan# 186
Delta R.T. -0.00 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion: 94 Resp: 4240

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	84.6	77.5	116.3

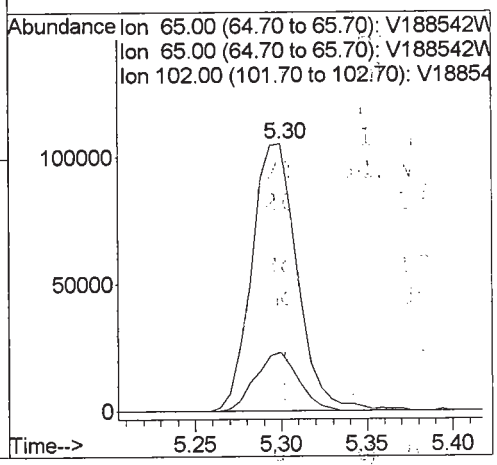


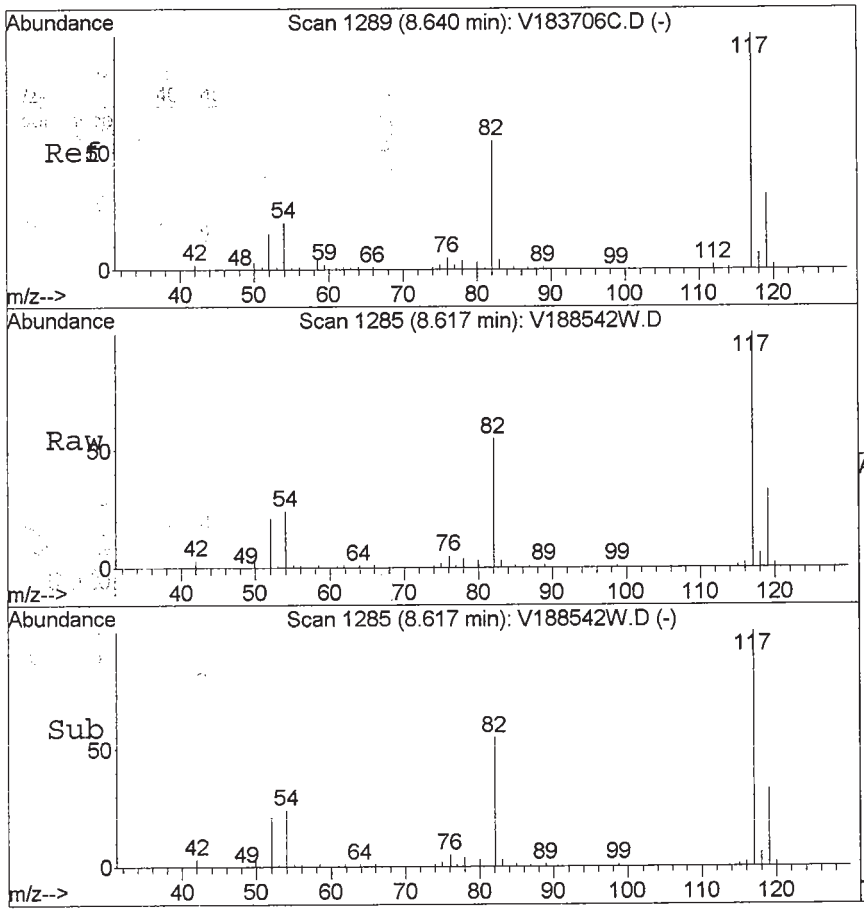


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 722
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion: 65 Resp: 194236

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.8	15.8	23.8

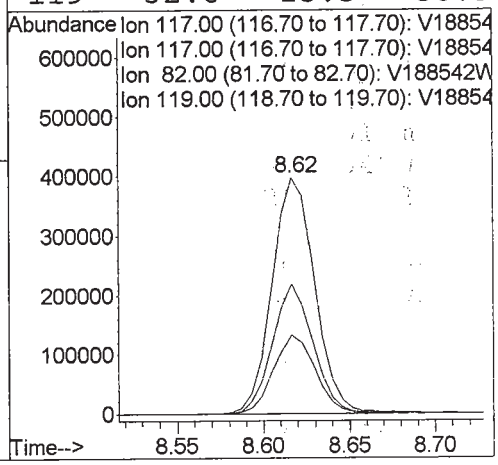


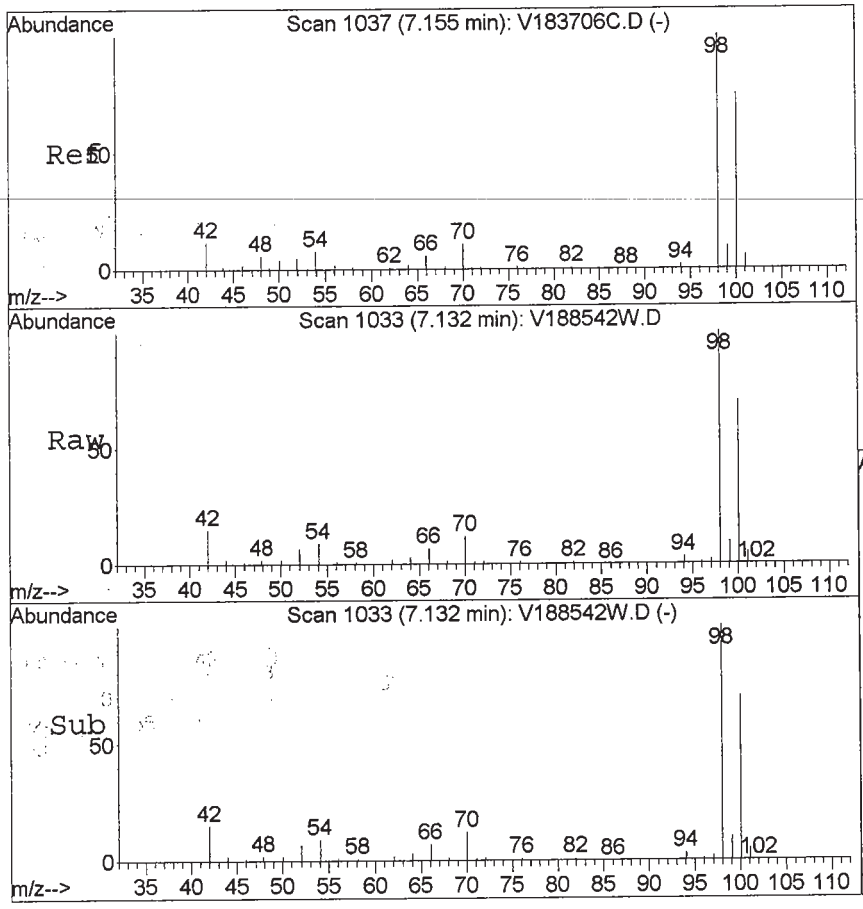


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion:117 Resp: 687128

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.8	25.5	38.3

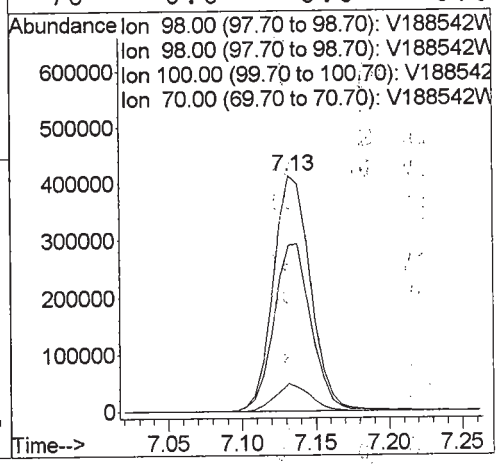


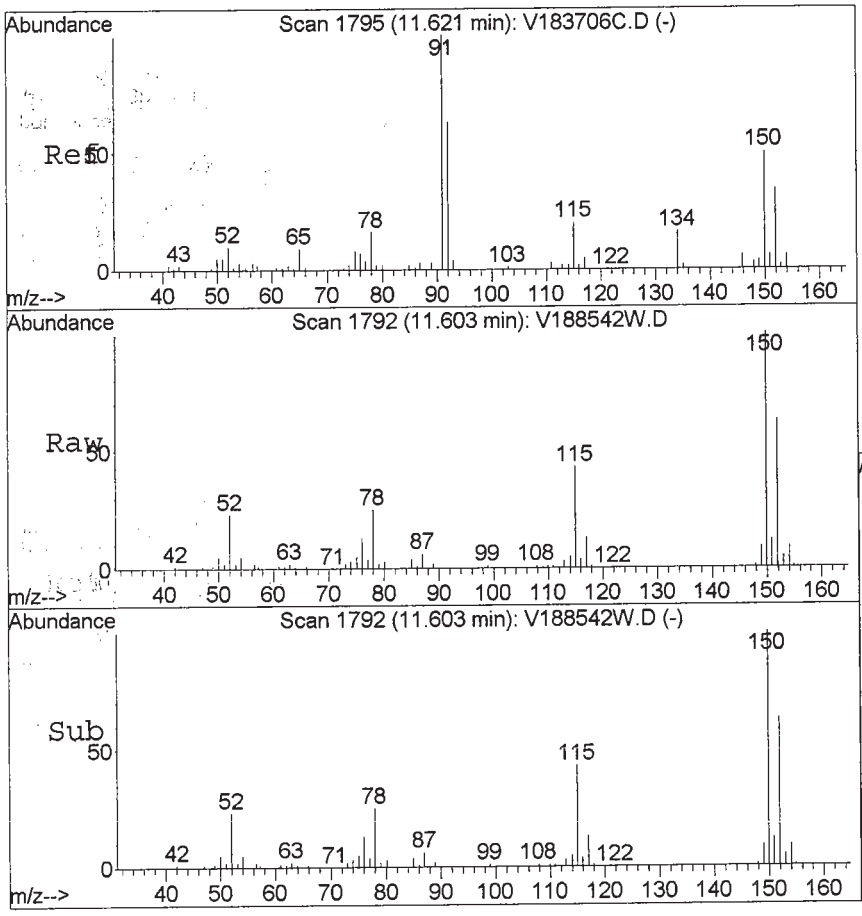


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1033
Delta R.T. -0.02 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion: 98 Resp: 727607

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.2	35.3	105.7
70	0.0	0.0	0.0

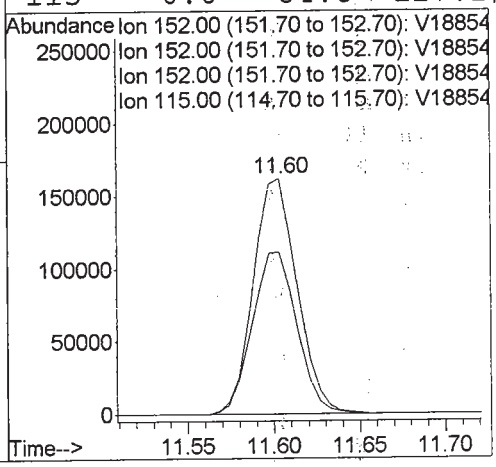


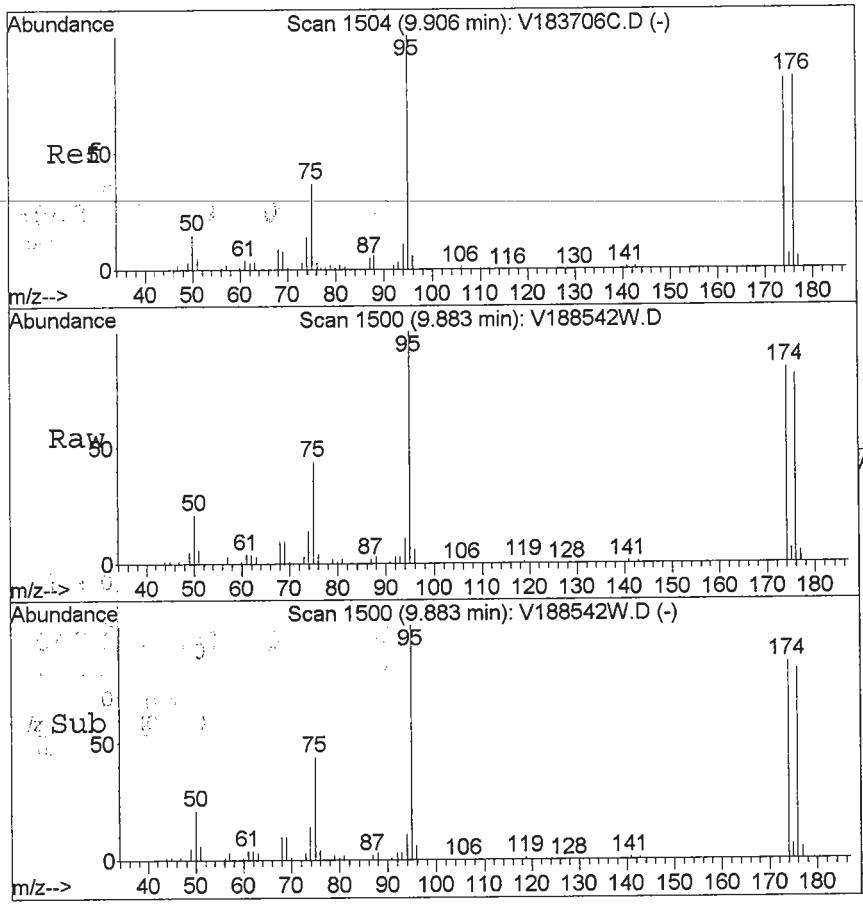


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion:152 Resp: 287076

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

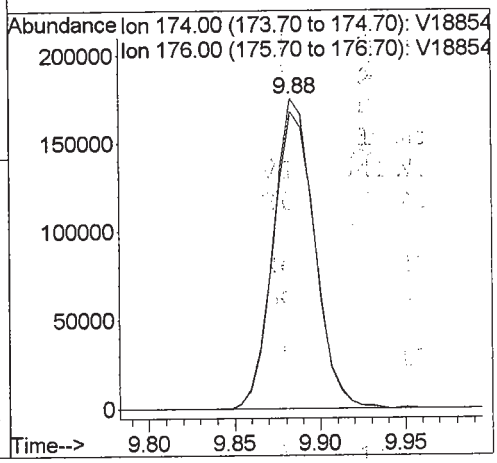




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion:174 Resp: 292610

Ion	Ratio	Lower	Upper
174	100		
176	97.0	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2C

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-07	File ID:	V188543W.D
Sampled:	04/23/13 18:45	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 03:23
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-07 File ID: V188543W.D

Sampled: 04/23/13 18:45 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 03:23

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.0	110	72.6 - 129	
p-Bromofluorobenzene	50.0	50.1	100	63.5 - 145	
Toluene-d8	50.0	48.4	96.7	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188543W.D Vial: 30
Acq On : 27 Apr 2013 3:23 am Operator: SS
Sample : 13D0938-07 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:06 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

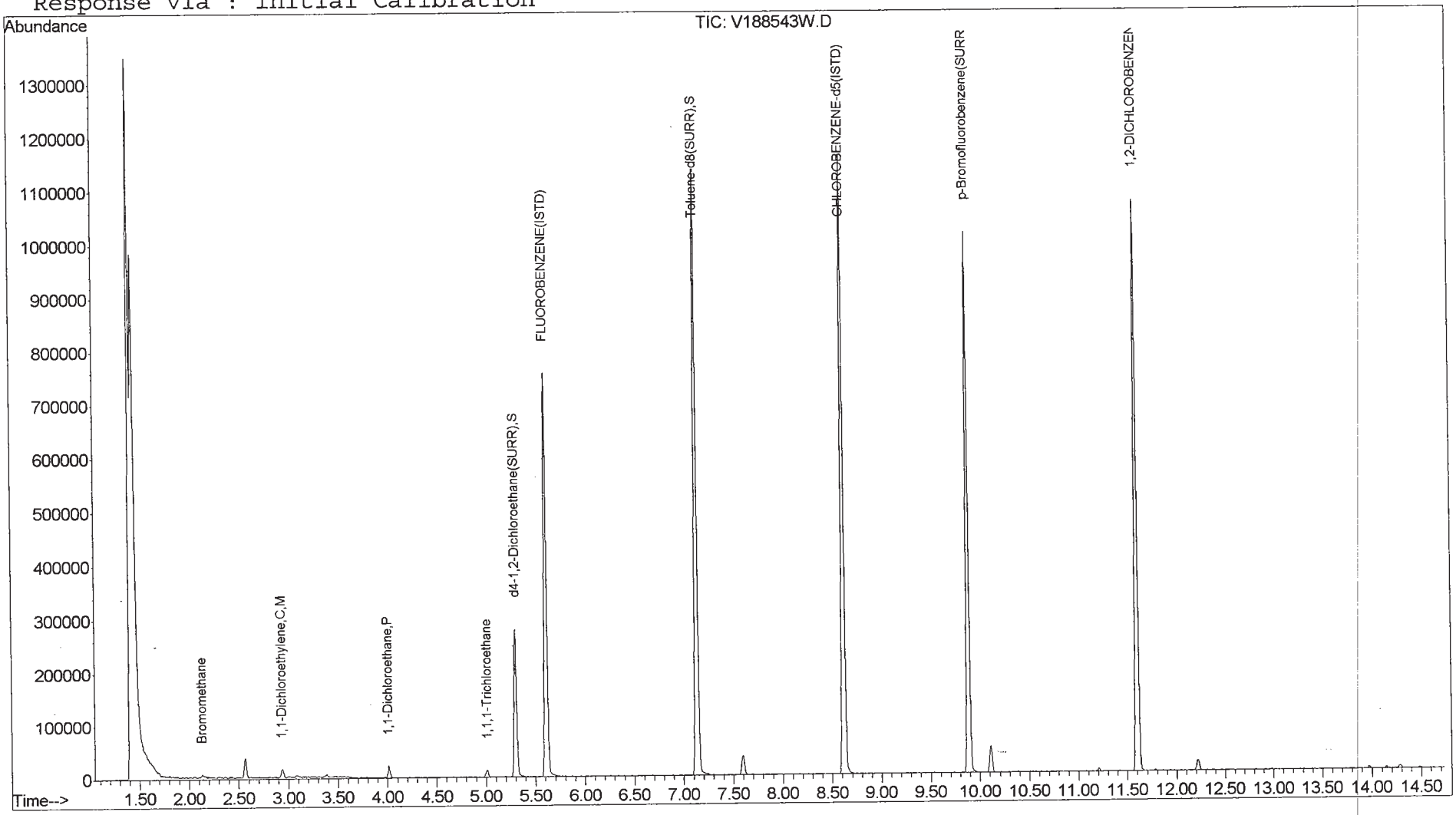
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	127158	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	739765	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	306738	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	203555	55.05	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 110.10%			
47) Toluene-d8(SURR)	7.13	98	767199	48.37	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.74%			
64) p-Bromofluorobenzene(SURR)	9.88	174	310801	50.13	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.26%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	6202	1.52	ppb #	74
10) 1,1-Dichloroethylene	2.94	61	10435	1.26	ppb #	75
21) 1,1-Dichloroethane	4.01	63	16849	2.02	ppb	98
30) 1,1,1-Trichloroethane	5.01	97	10581	0.87	ppb #	98

(#) = qualifier out of range (m) = manual integration
V188543W.D V1C00360.M Mon Apr 29 16:07:20 2013 Page 1

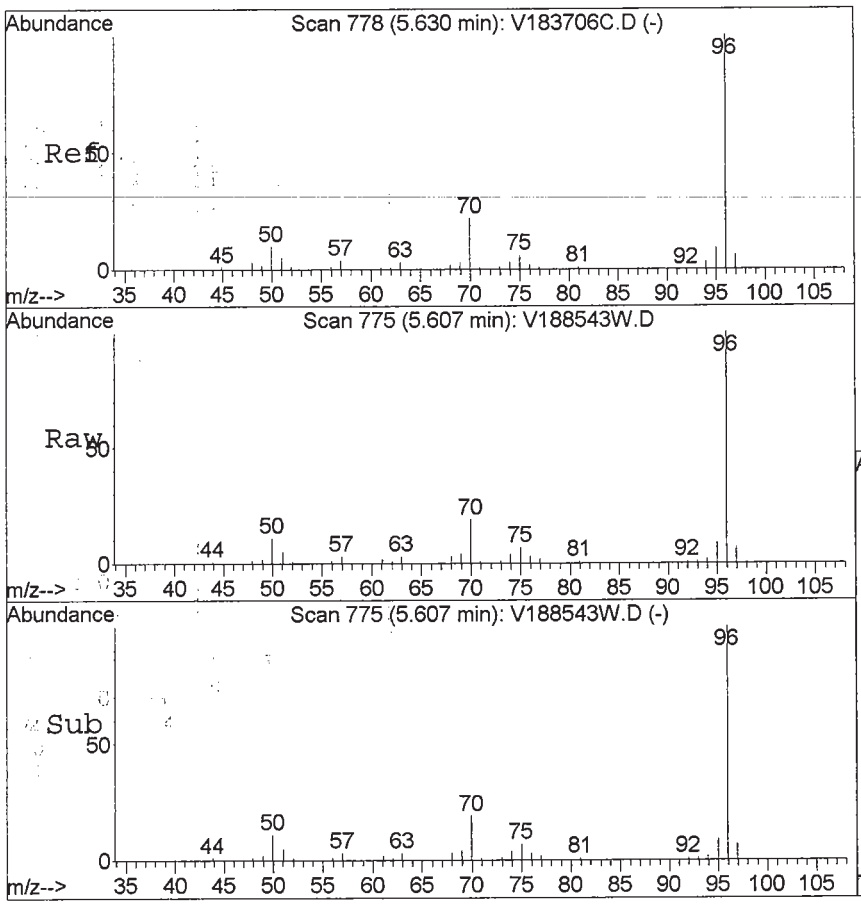
Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188543W.D Vial: 30
Acq On : 27 Apr 2013 3:23 am Operator: SS
Sample : 13D0938-07 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:06 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



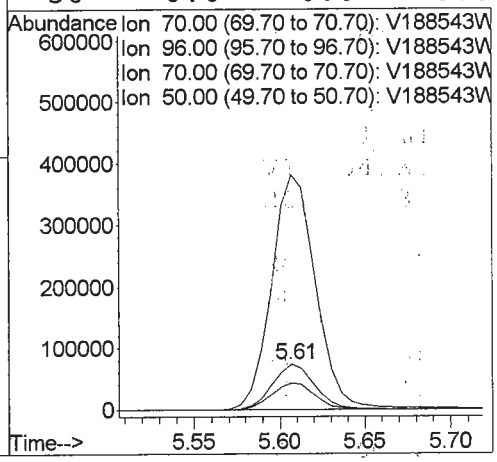
V188543W.D V1C00360.M Mon Apr 29 16:07:20 2013 Page 2

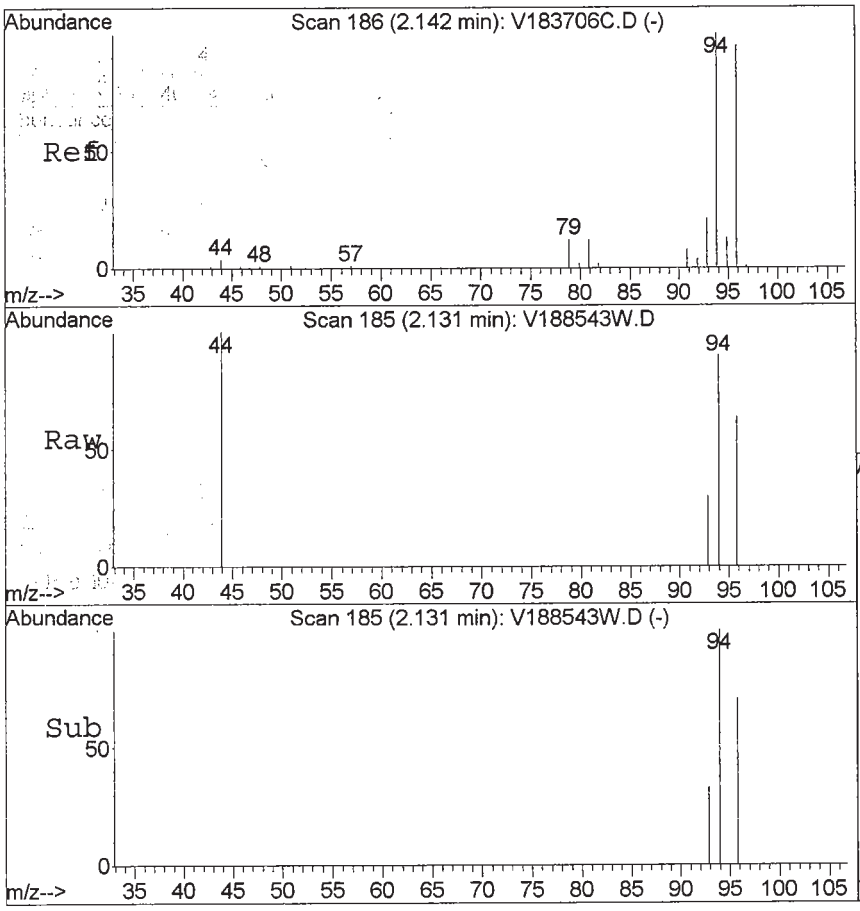


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 70 Resp: 127158

Ion	Ratio	Lower	Upper
70	100		
96	537.1	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

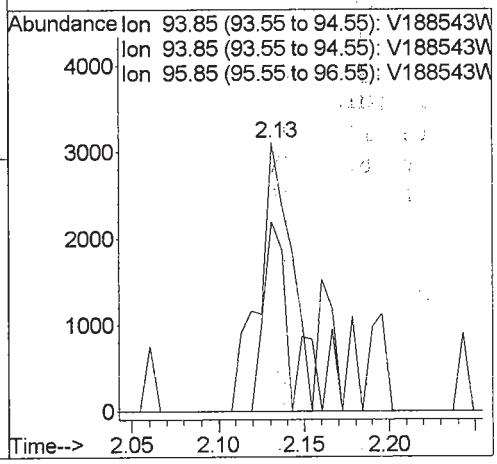


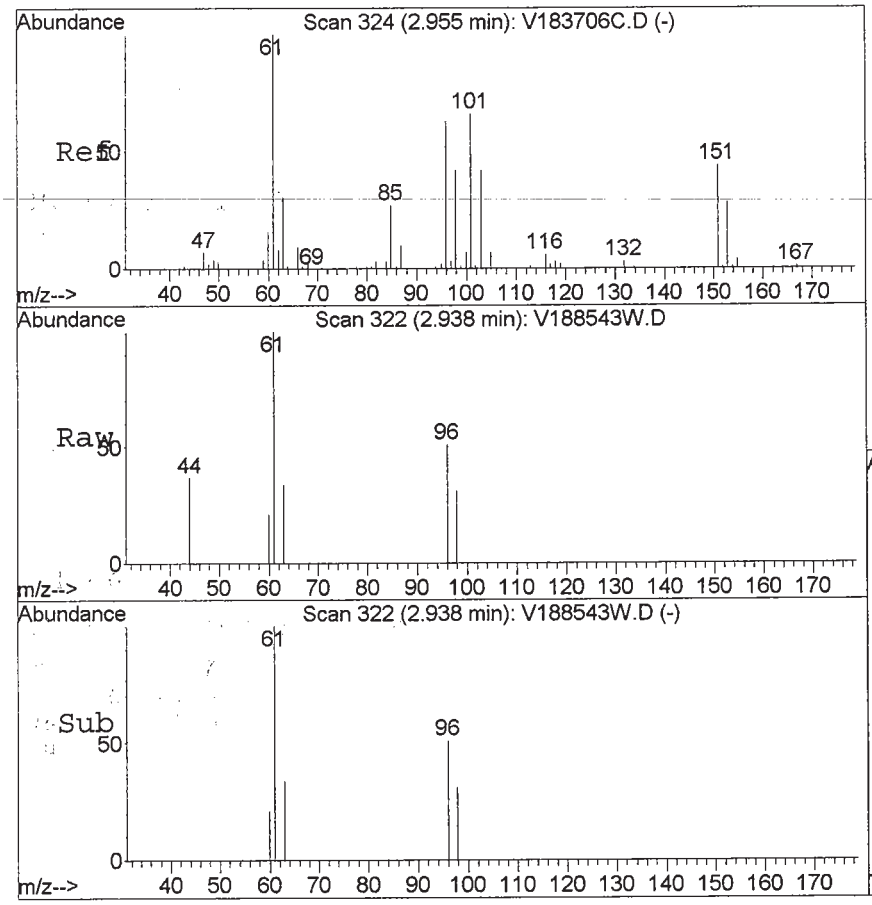


#5
Bromomethane
Concen: 1.52 ppb
RT: 2.13 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 94 Resp: 6202

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	44.1	77.5	116.3#

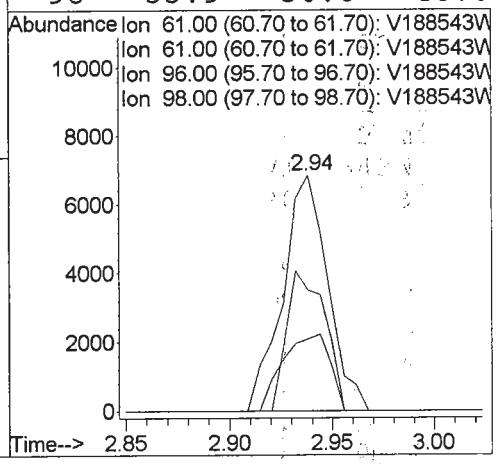


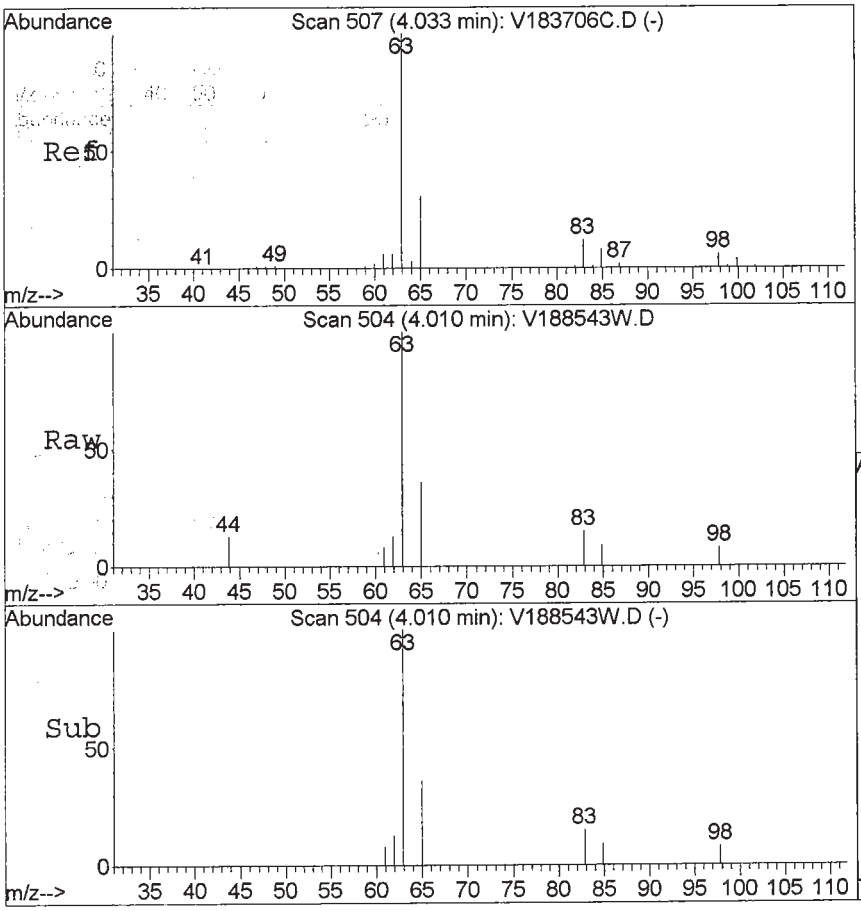


#10
1,1-Dichloroethylene
Concen: 1.26 ppb
RT: 2.94 min Scan# 322
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 61 Resp: 10435

Ion	Ratio	Lower	Upper
61	100		
61	100.0	80.0	120.0
96	0.0	46.8	70.2#
98	33.9	30.6	46.0

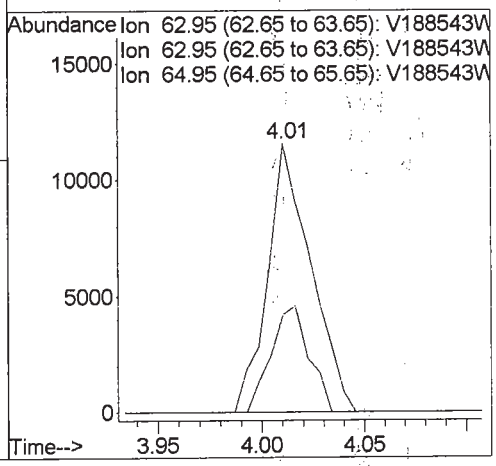


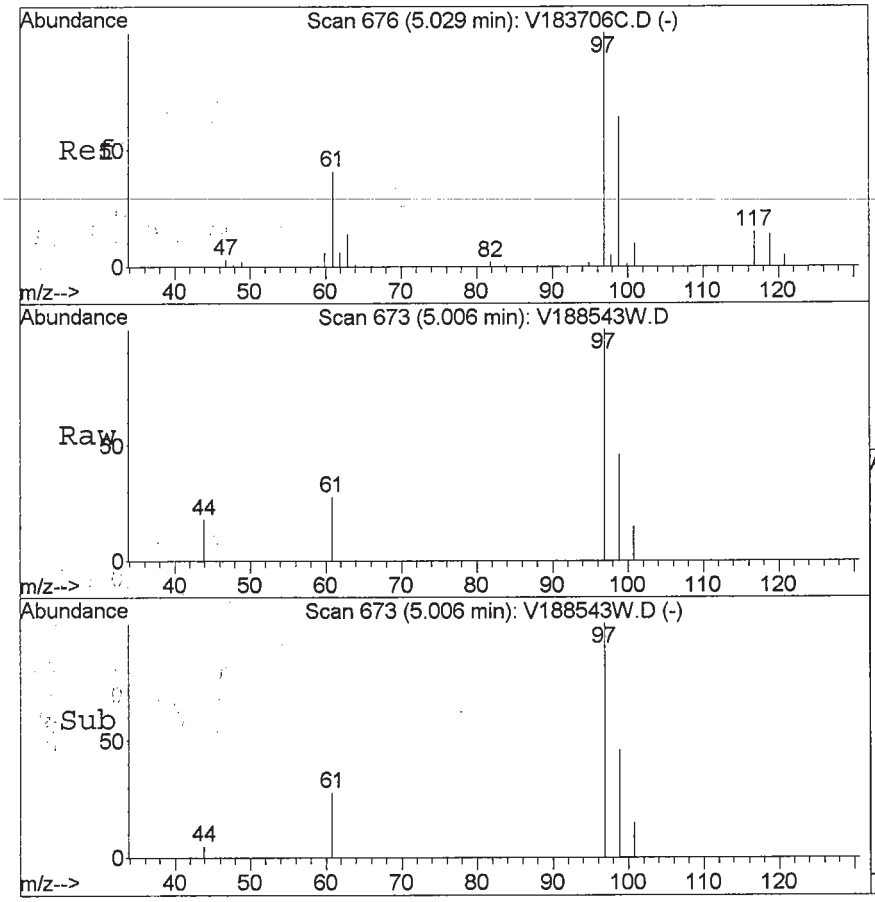


#21
1,1-Dichloroethane
Concen: 2.02 ppb
RT: 4.01 min Scan# 504
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 63 Resp: 16849

Ion	Ratio	Lower	Upper
63	100		
63	100.0	50.0	150.0
65	36.5	15.4	46.1

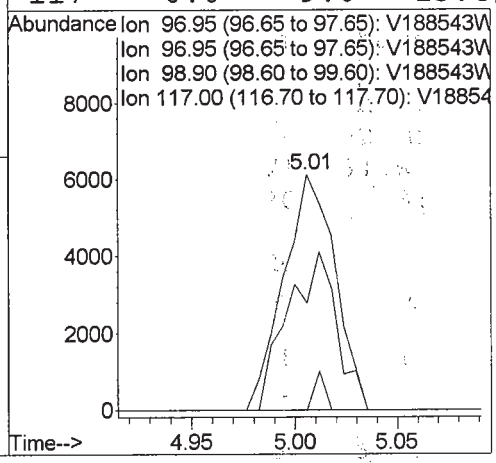


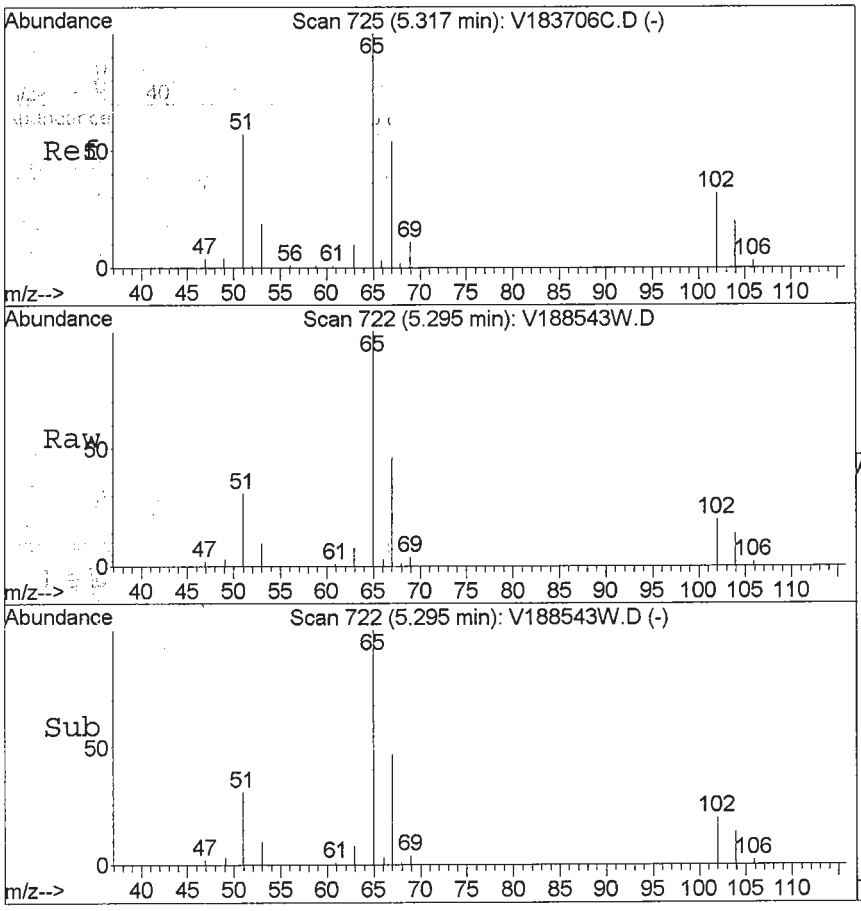


#30
1,1,1-Trichloroethane
Concen: 0.87 ppb
RT: 5.01 min Scan# 673
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 97 Resp: 10581

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	64.0	52.2	78.4
117	0.0	9.0	13.4#

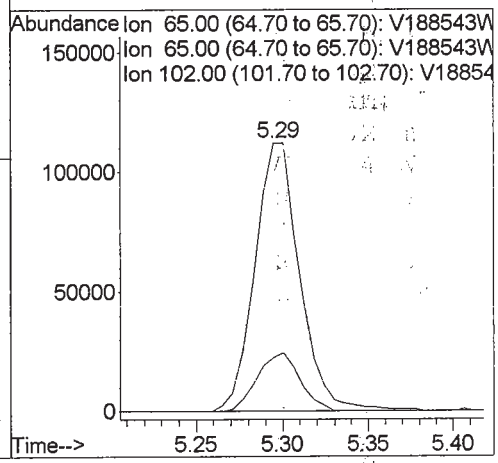


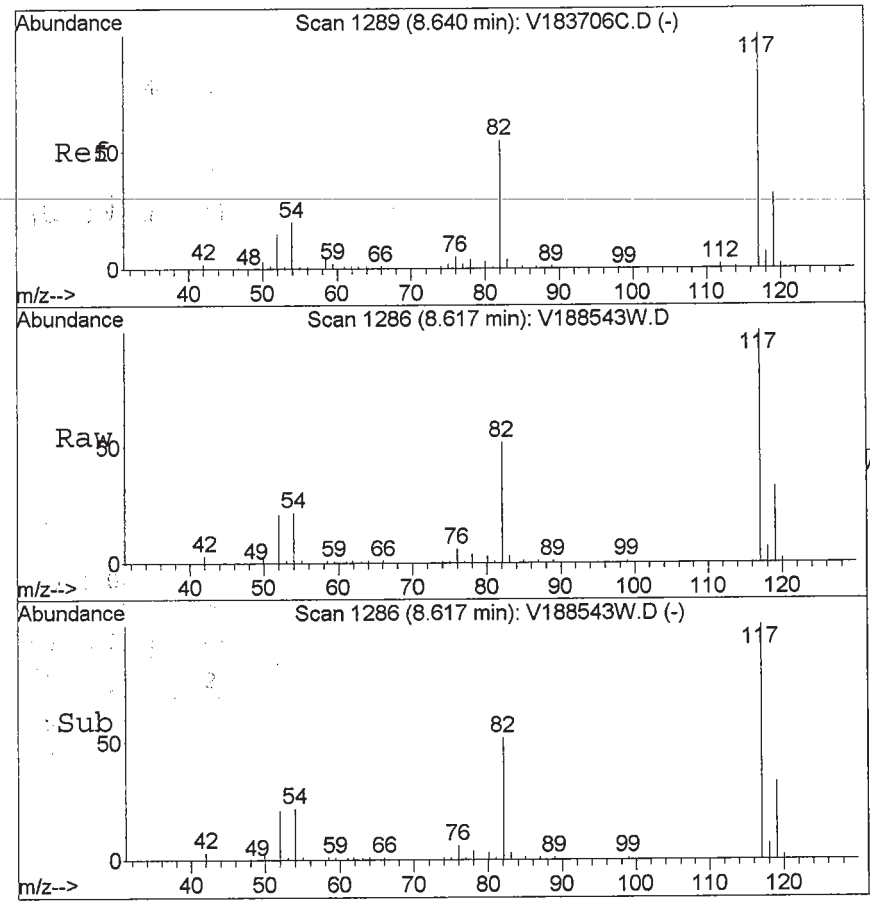


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 65 Resp: 203555

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.7	15.8	23.8

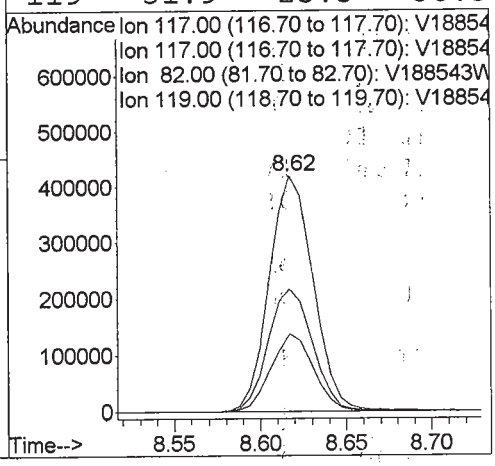


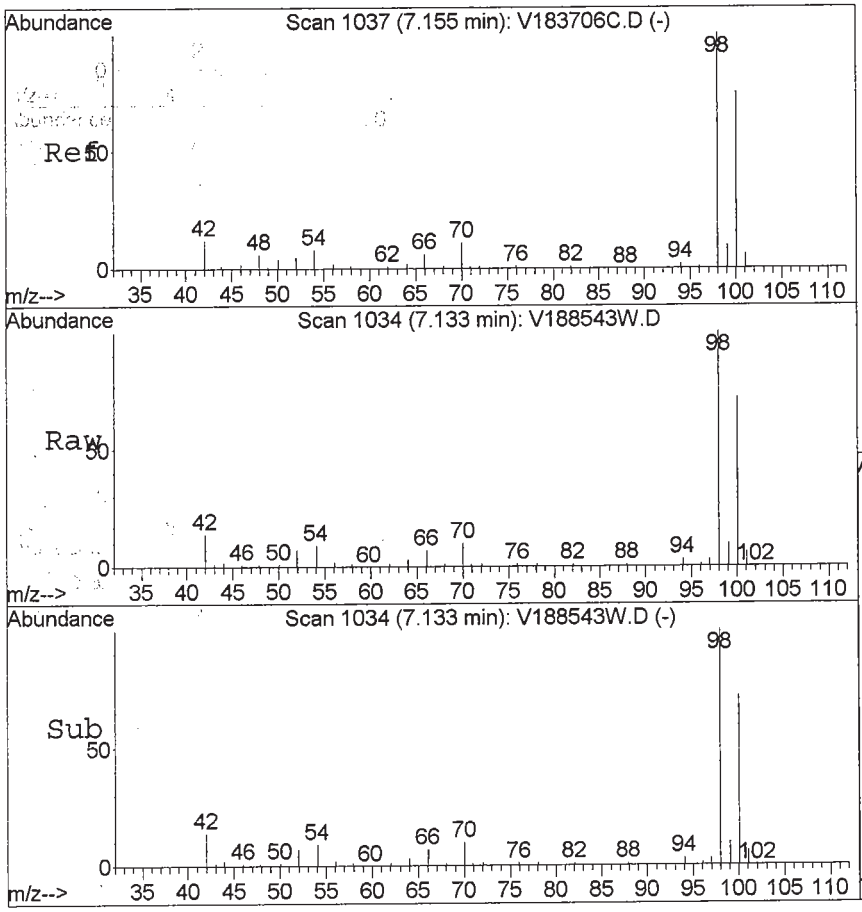


#36
CHLOROBENZENE-d5 (ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion:117 Resp: 739765

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.9	25.5	38.3

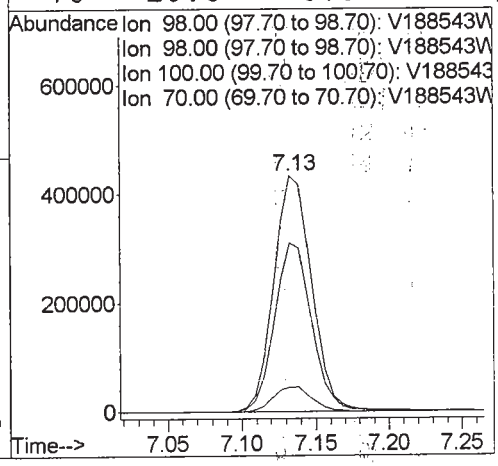


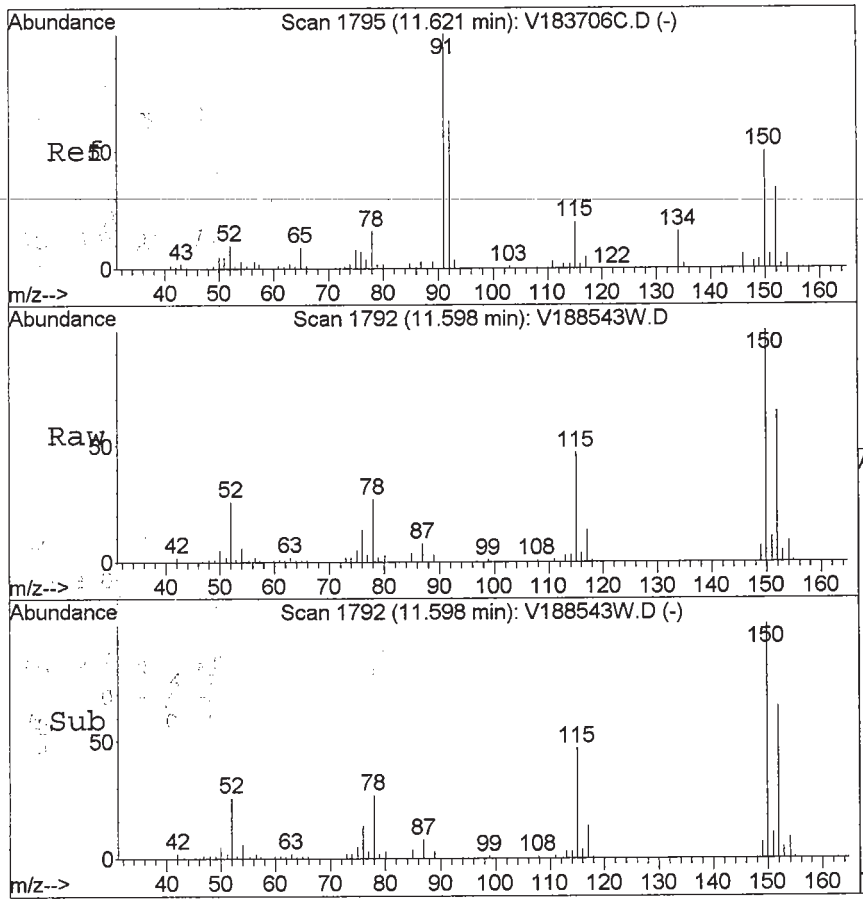


#47
Toluene-d8 (SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 98 Resp: 767199

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.1	35.3	105.7
70	10.6	0.0	0.0#

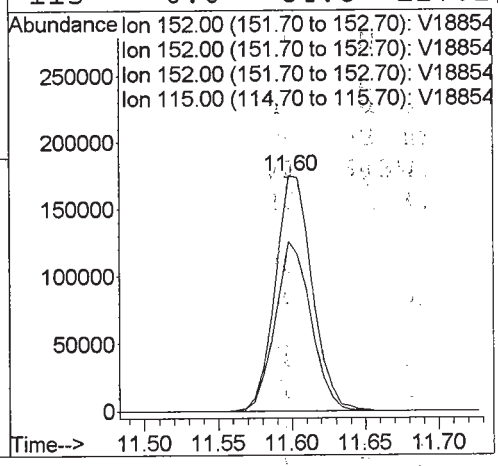


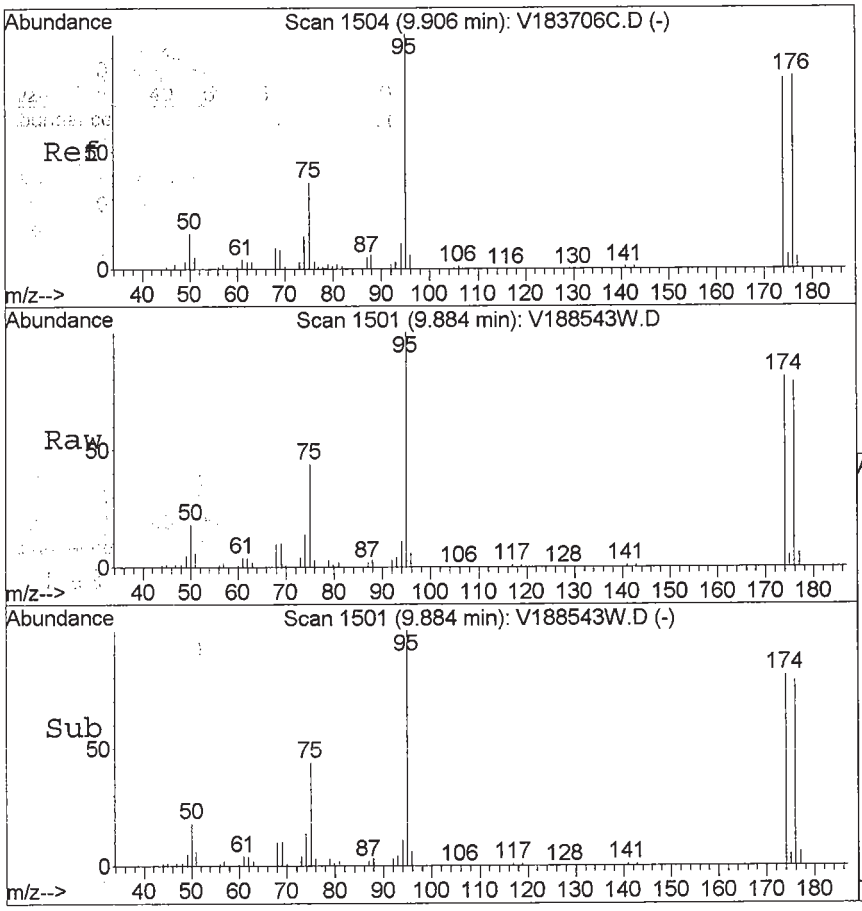


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion:152 Resp: 306738

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

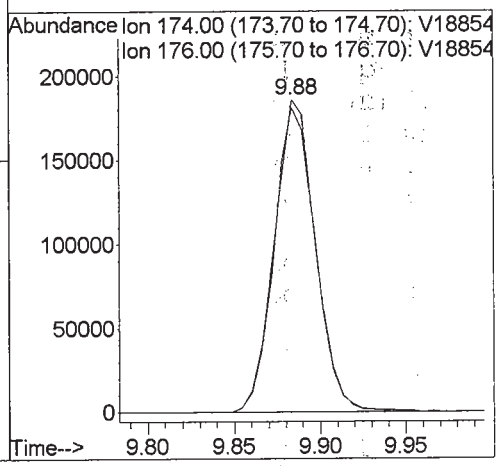




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion:174 Resp: 310801

Ion	Ratio	Lower	Upper
174	100		
176	97.5	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-08 File ID: V188544W.D

Sampled: 04/23/13 16:00 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 04:02

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-08 File ID: V188544W.D

Sampled: 04/23/13 16:00 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 04:02

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	53.4	107	72.6 - 129	
p-Bromofluorobenzene	50.0	49.9	99.8	63.5 - 145	
Toluene-d8	50.0	47.9	95.9	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188544W.D Vial: 31
Acq On : 27 Apr 2013 4:02 am Operator: SS
Sample : 13D0938-08 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:07 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

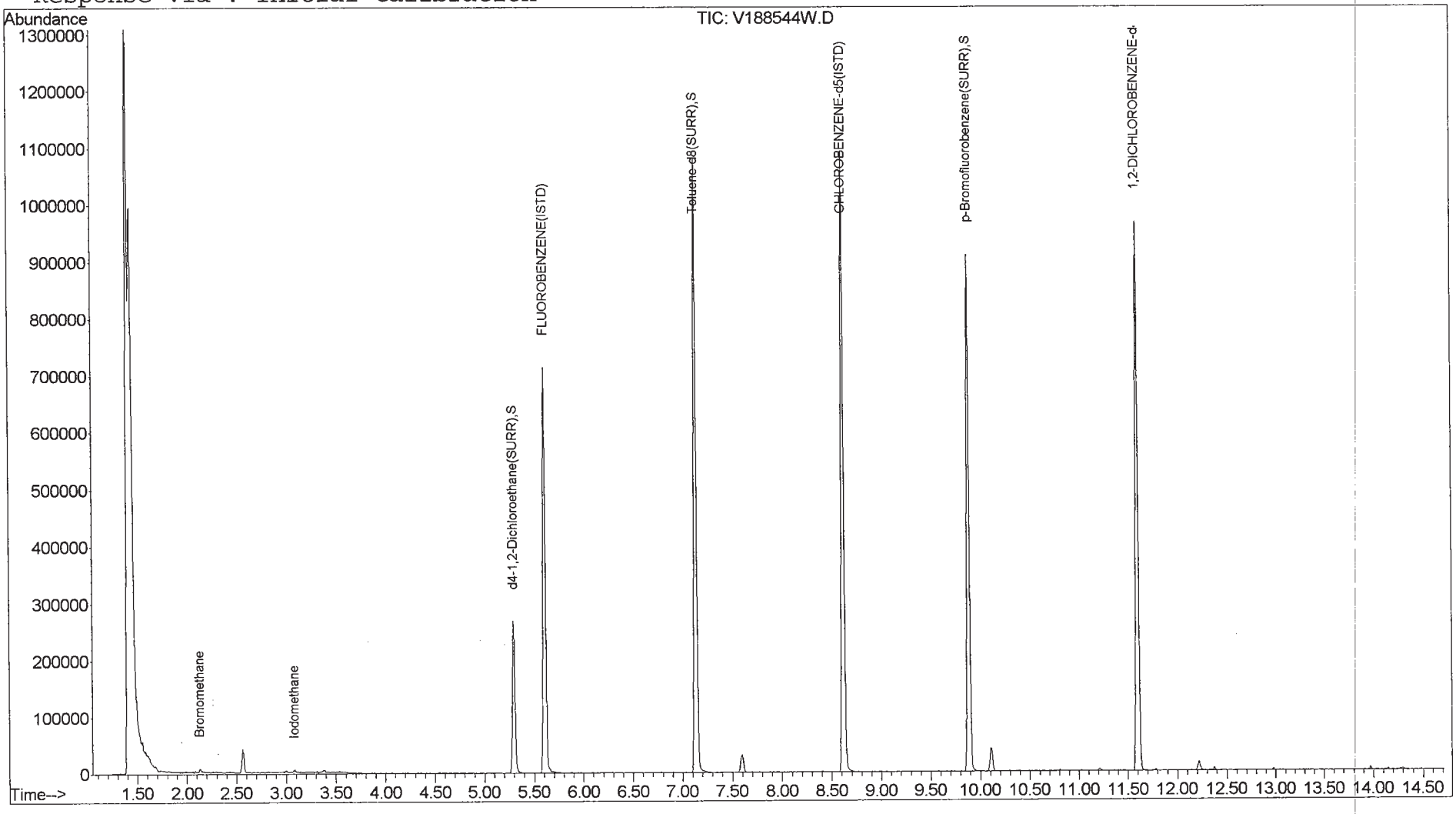
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	121677	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	673175	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	277365	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	188838	53.37	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 106.74%			
47) Toluene-d8(SURR)	7.13	98	691930	47.94	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.88%			
64) p-Bromofluorobenzene(SURR)	9.88	174	279682	49.89	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.78%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	6216	1.59	ppb	# 51
12) Iodomethane	3.09	142	4144	0.98	ppb	# 77

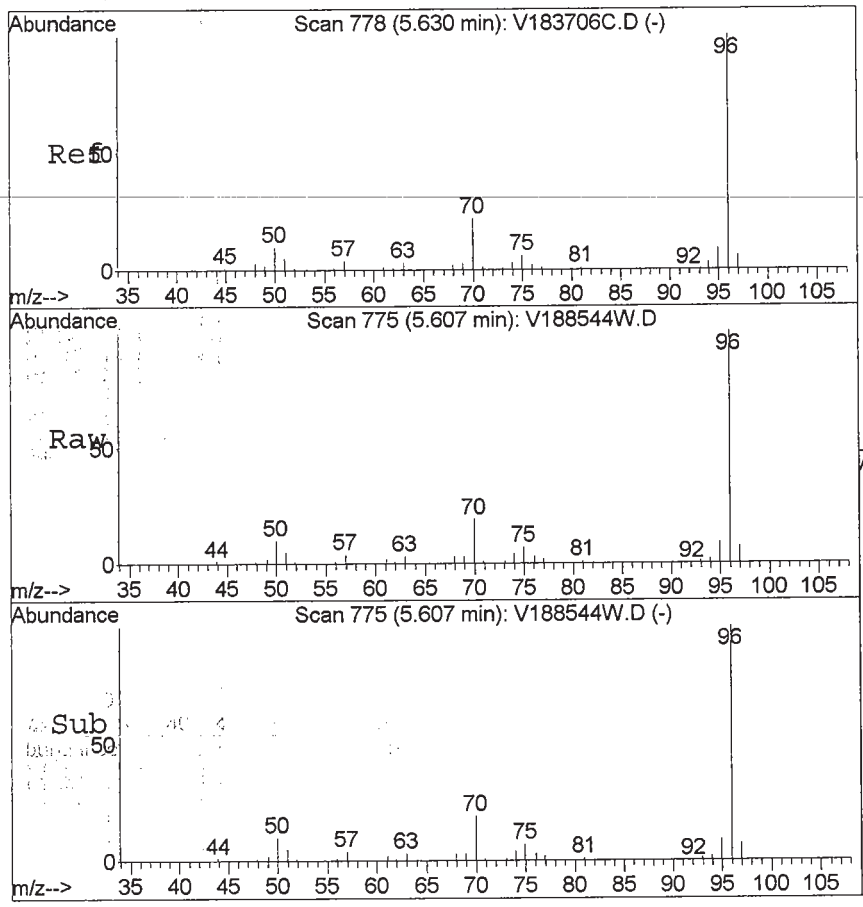
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188544W.D Vial: 31
Acq On : 27 Apr 2013 4:02 am Operator: SS
Sample : 13D0938-08 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:07 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

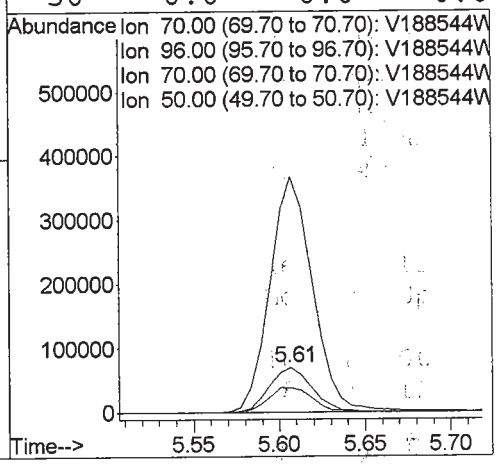


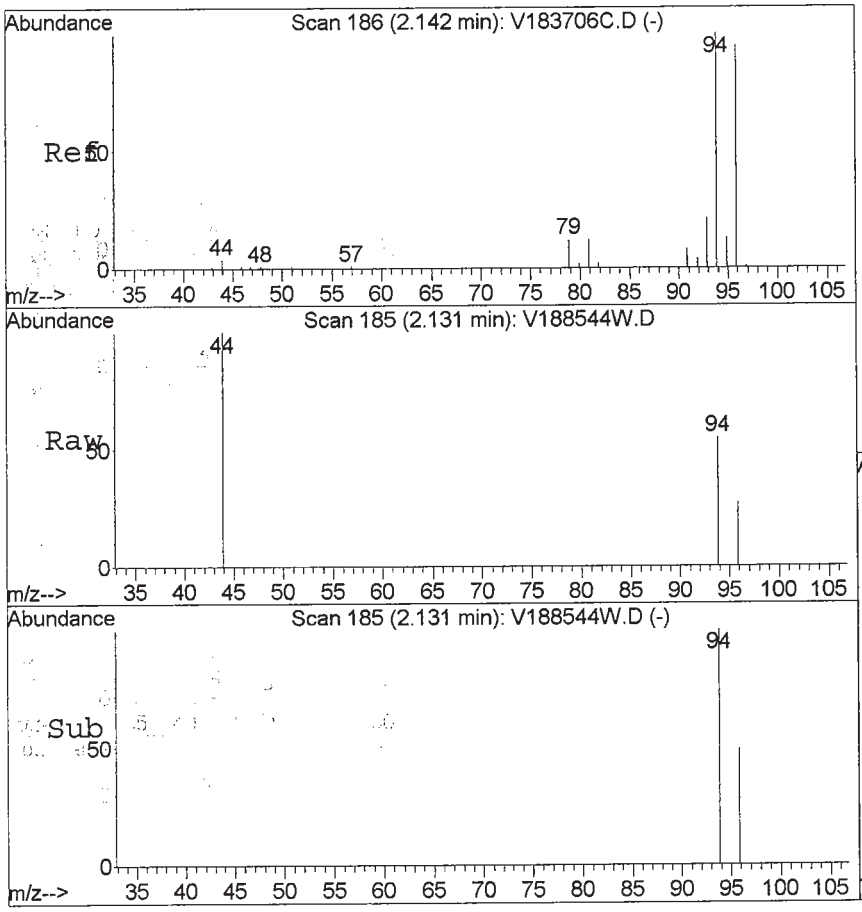


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion: 70 Resp: 121677

Ion	Ratio	Lower	Upper
70	100		
96	520.9	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

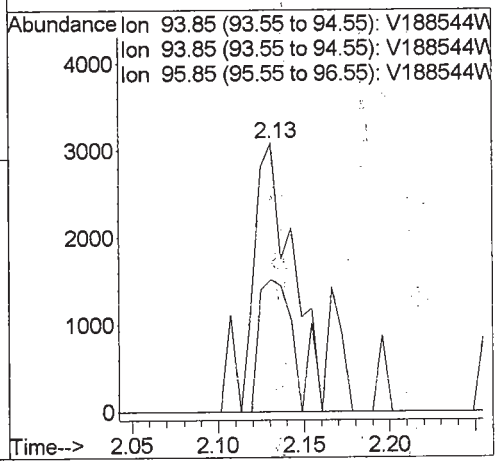


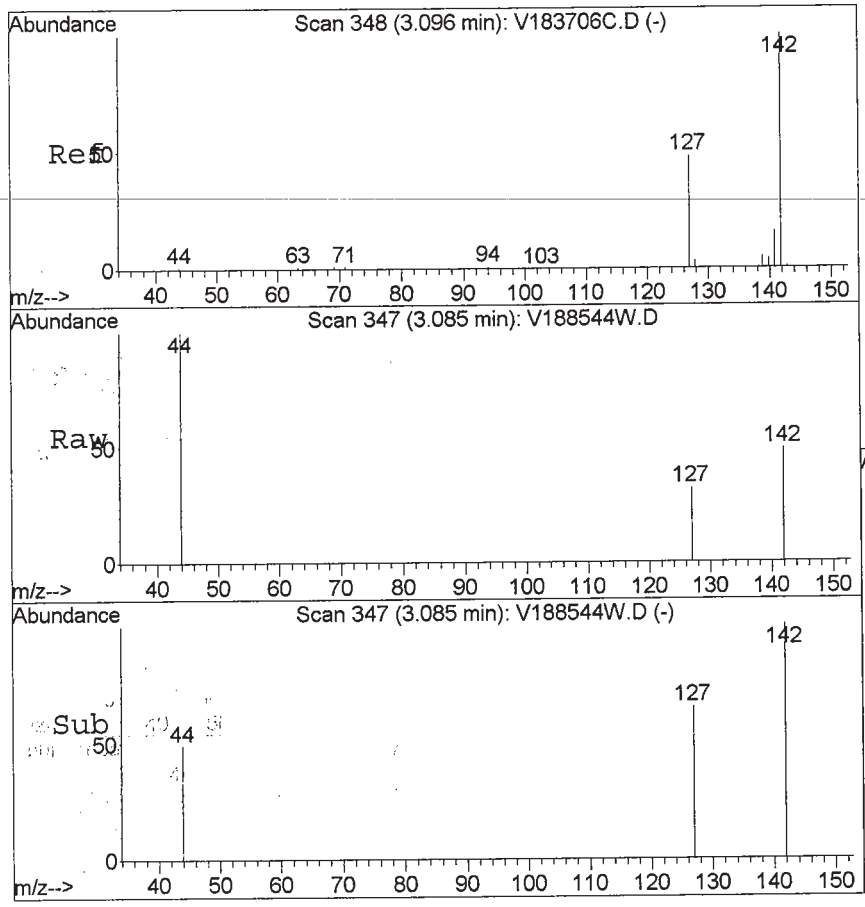


#5
Bromomethane
Concen: 1.59 ppb
RT: 2.13 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion: 94 Resp: 6216

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

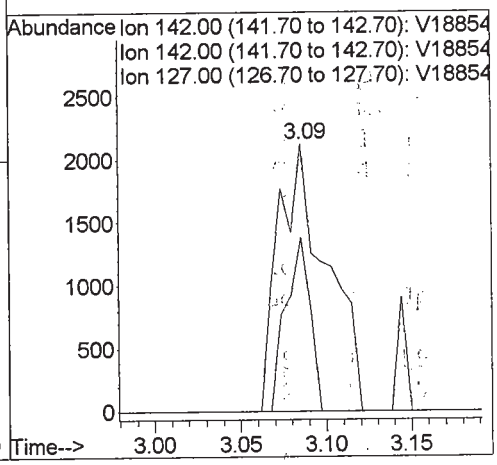


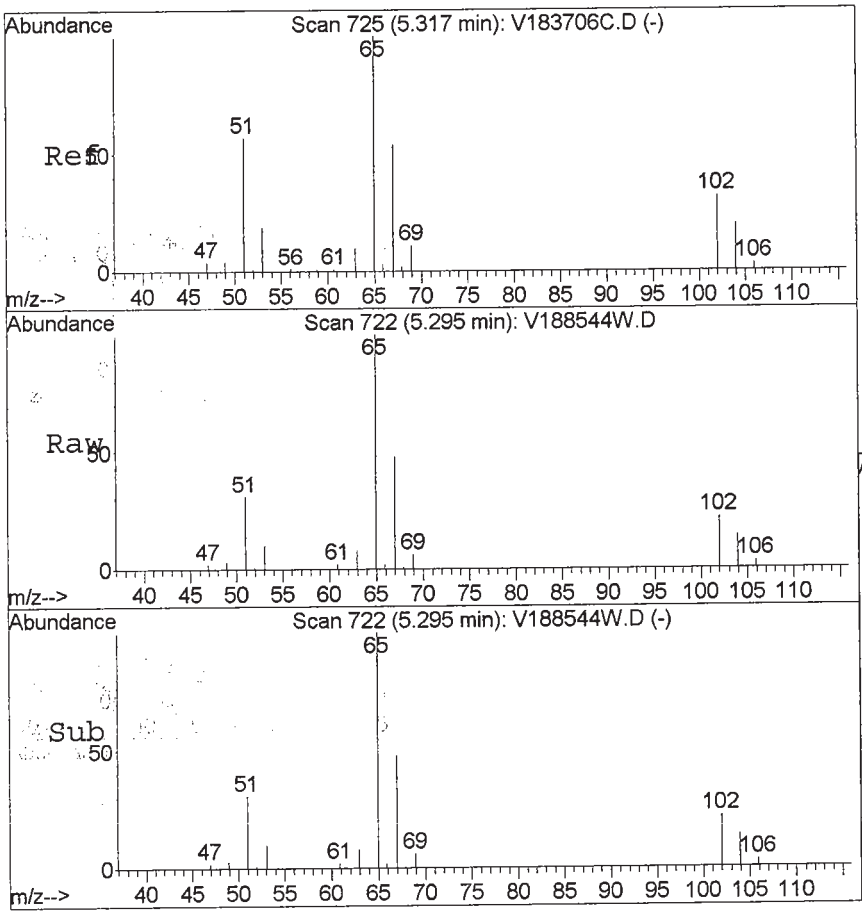


#12
Iodomethane
Concen: 0.98 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion:142 Resp: 4144

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

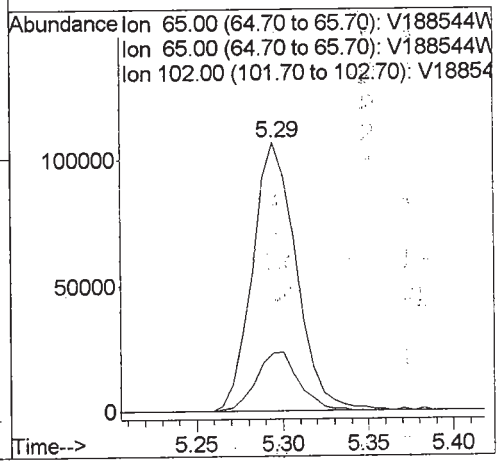


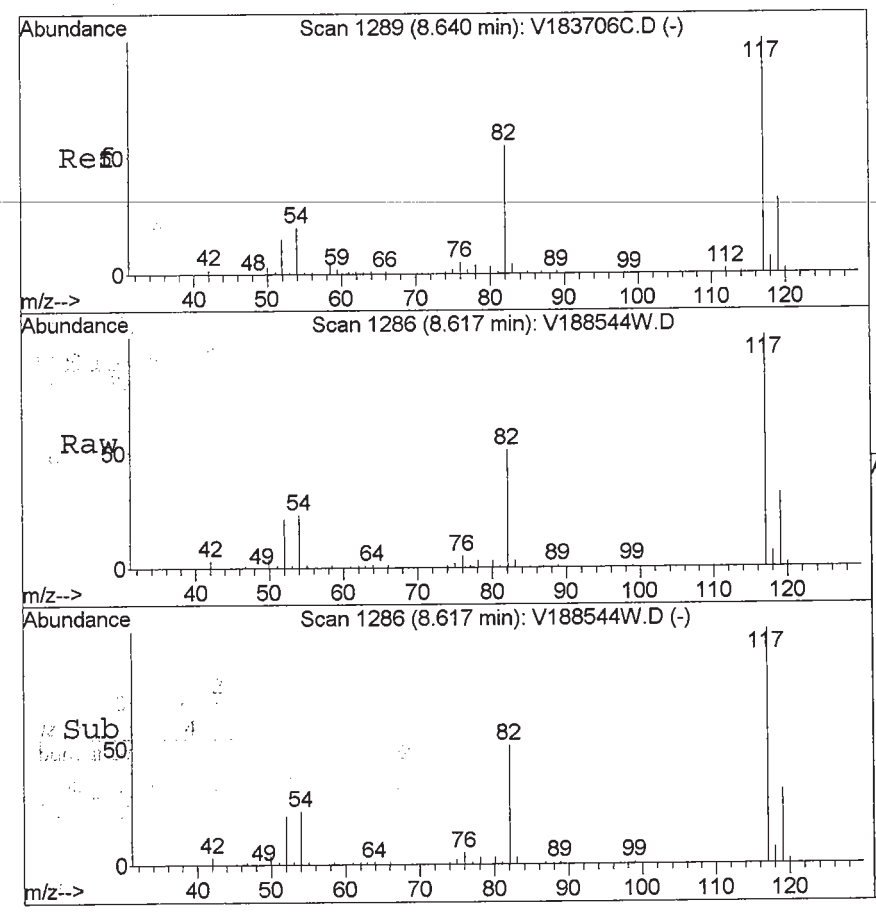


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion: 65 Resp: 188838

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	21.6	15.8	23.8

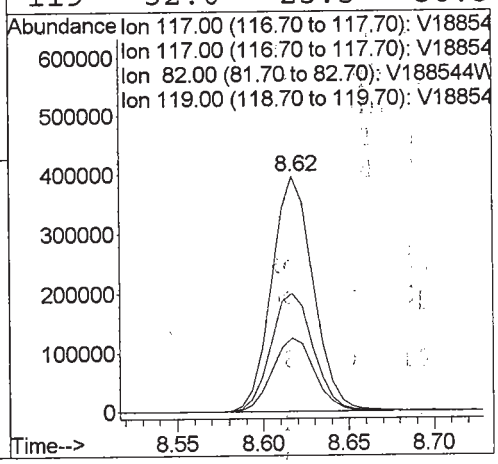


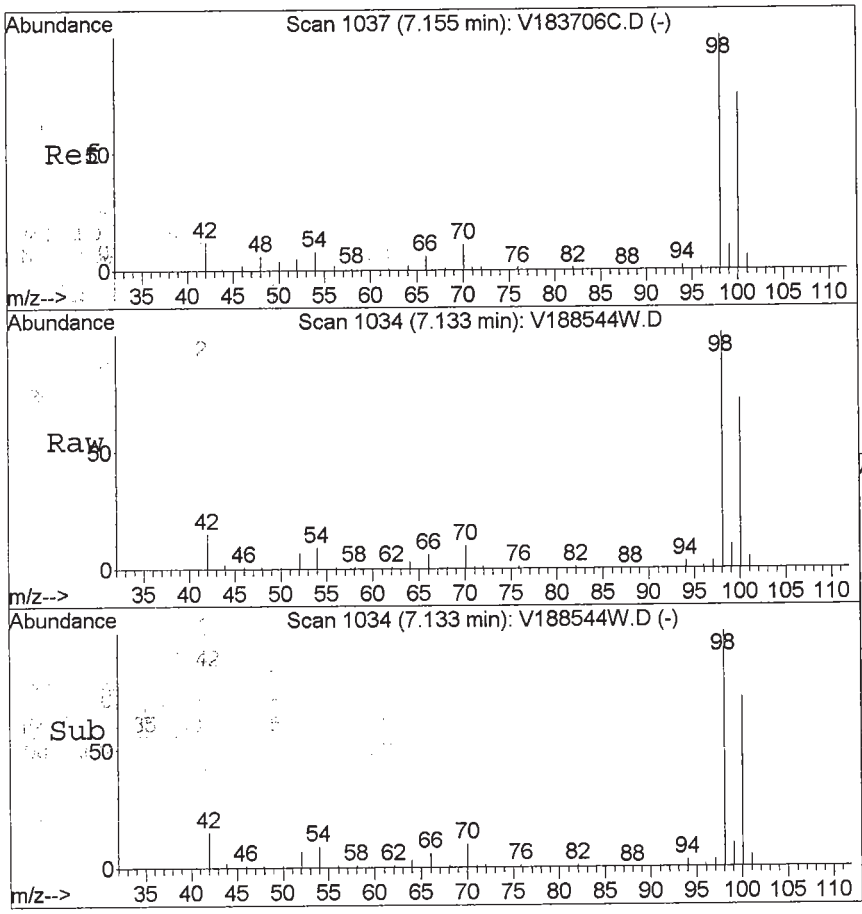


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion:117 Resp: 673175

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.0	25.5	38.3

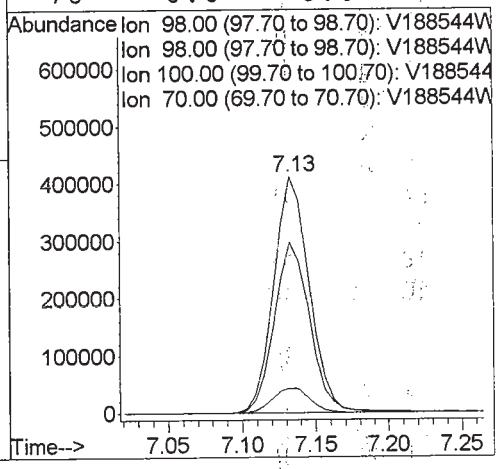


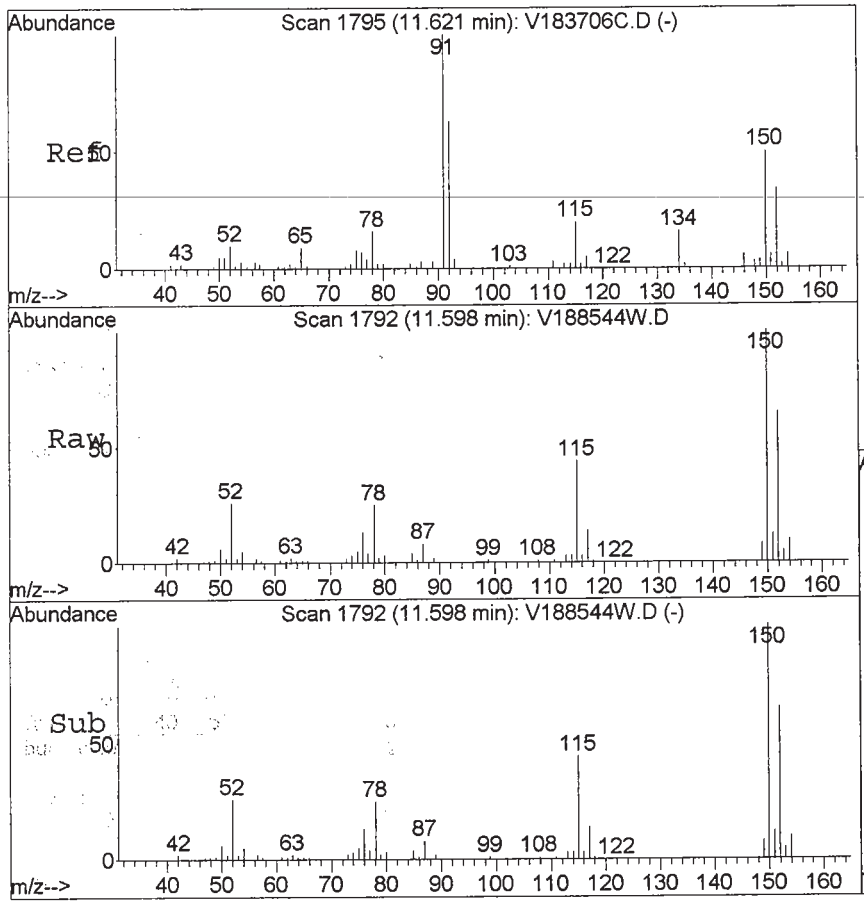


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion: 98 Resp: 691930

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	72.0	35.3	105.7
70	0.0	0.0	0.0

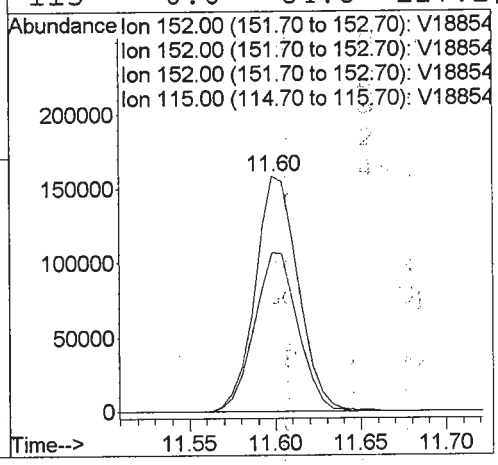


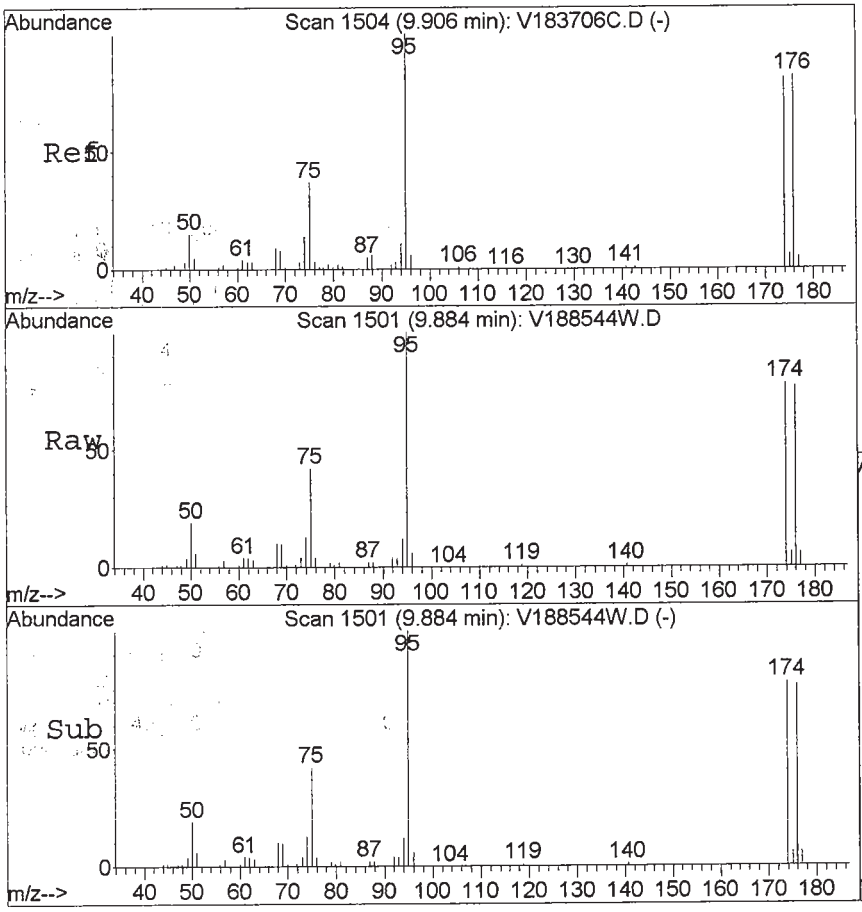


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion:152 Resp: 277365

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

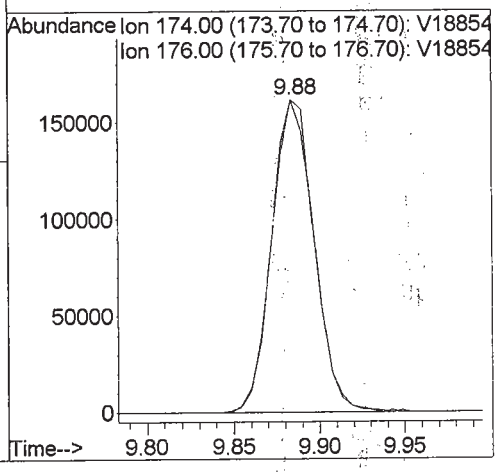




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion:174 Resp: 279682

Ion	Ratio	Lower	Upper
174	100		
176	98.1	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-09	File ID:	V188545W.D
Sampled:	04/23/13 15:50	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 04:41
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-3B**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-09	File ID:	V188545W.D
Sampled:	04/23/13 15:50	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 04:41
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	53.0	106	72.6 - 129	
p-Bromofluorobenzene	50.0	51.3	103	63.5 - 145	
Toluene-d8	50.0	48.8	97.7	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188545W.D Vial: 32
Acq On : 27 Apr 2013 4:41 am Operator: SS
Sample : 13D0938-09 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:08 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

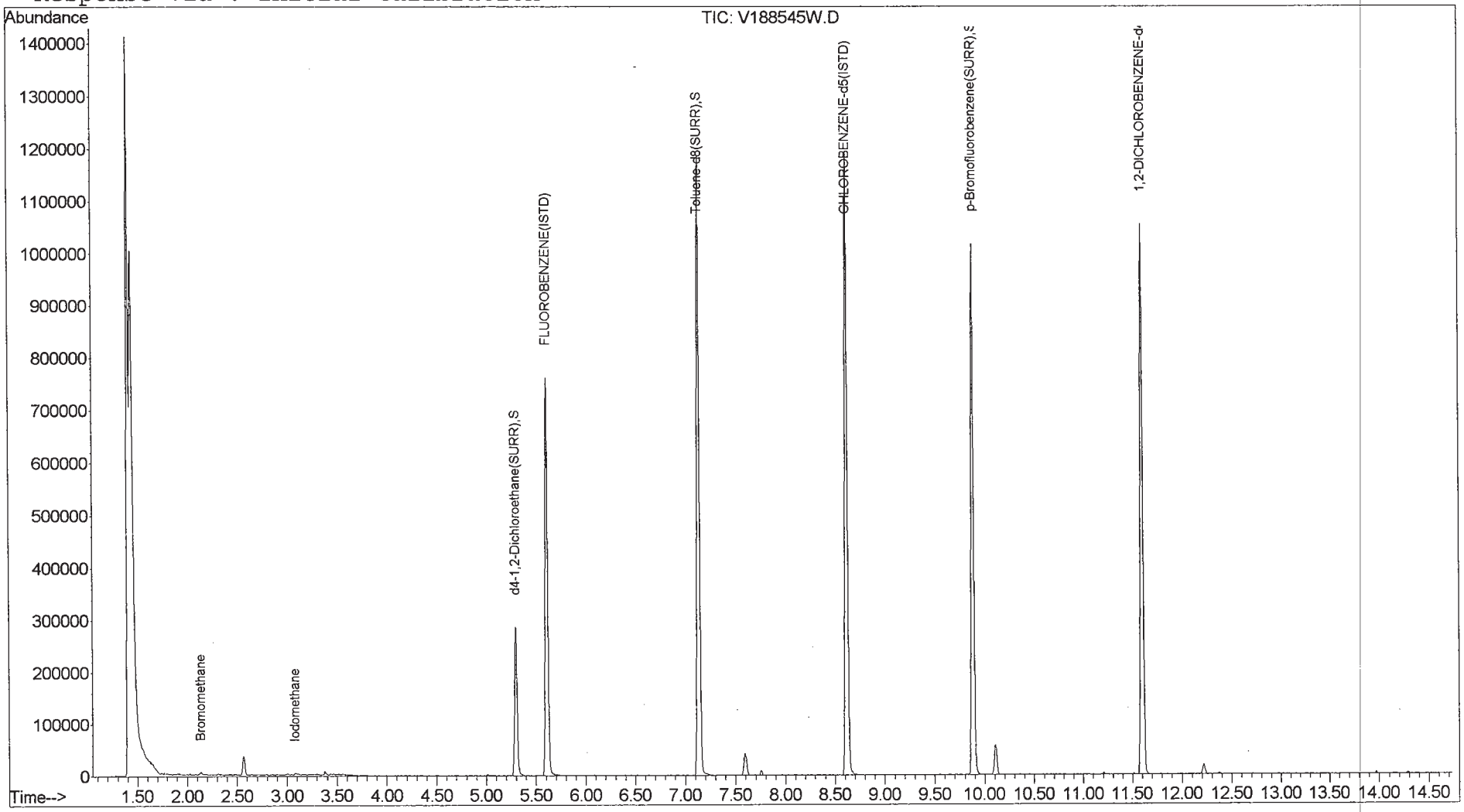
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	129668	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	719072	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	298989	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	200049	53.05	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 106.10%			
47) Toluene-d8(SURR)	7.13	98	753027	48.85	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.70%			
64) p-Bromofluorobenzene(SURR)	9.89	174	310107	51.32	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.64%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	5149	1.23	ppb	# 51
12) Iodomethane	3.09	142	4770	1.06	ppb	# 77

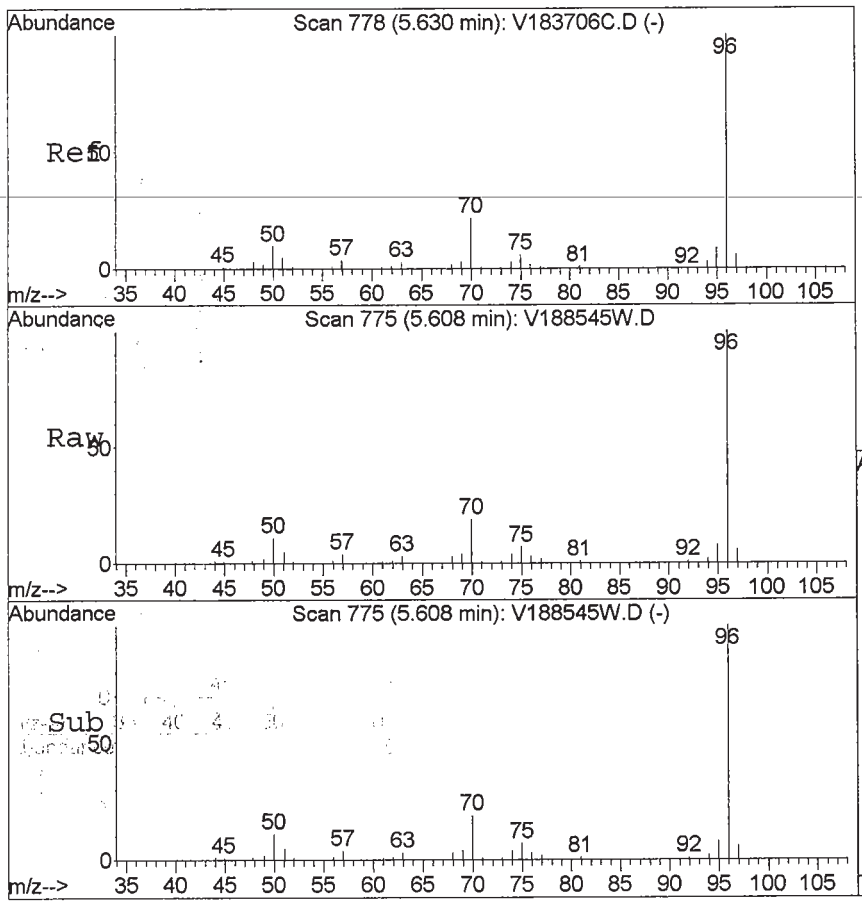
(#) = qualifier out of range (m) = manual integration
V188545W.D V1C00360.M Mon Apr 29 16:09:35 2013 Page 1

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188545W.D Vial: 32
Acq On : 27 Apr 2013 4:41 am Operator: SS
Sample : 13D0938-09 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:08 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

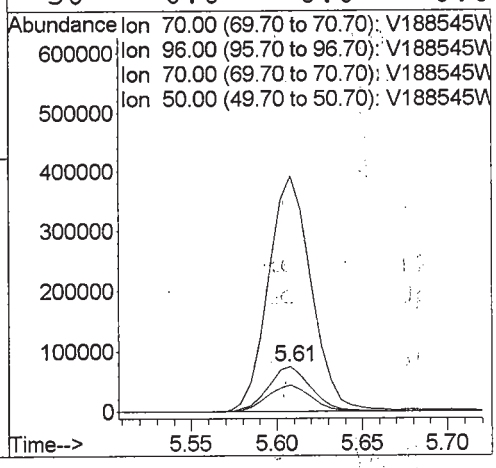


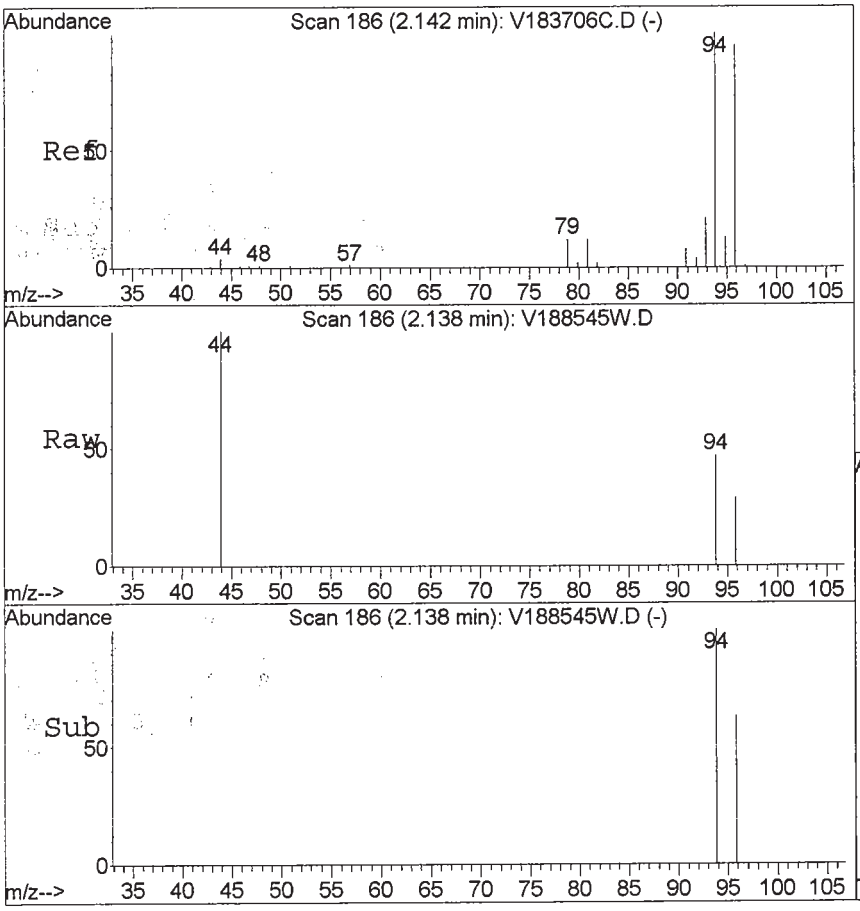


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion: 70 Resp: 129668

Ion	Ratio	Lower	Upper
70	100		
96	527.6	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

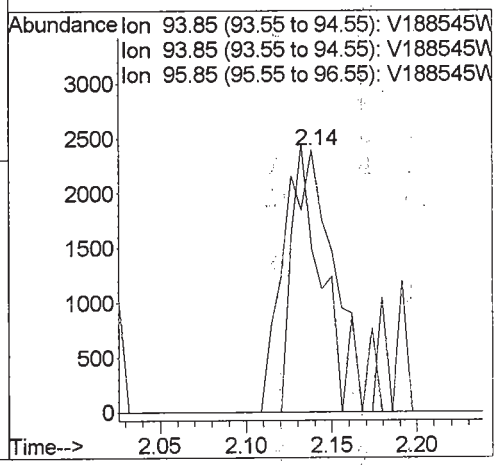


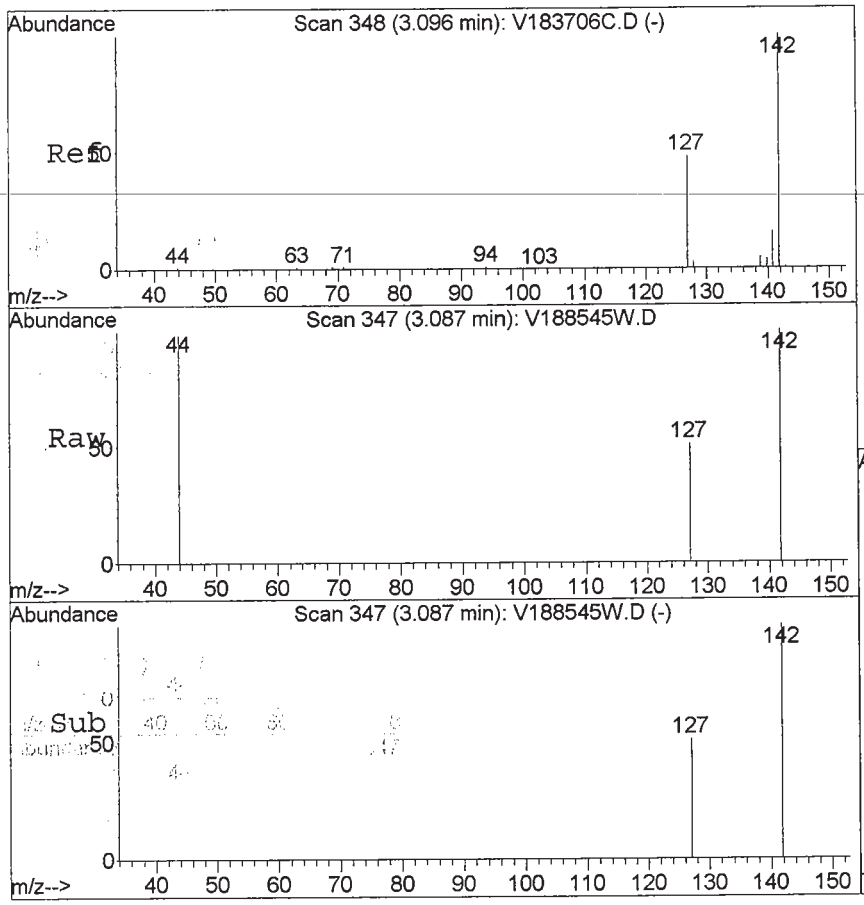


#5
Bromomethane
Concen: 1.23 ppb
RT: 2.14 min Scan# 186
Delta R.T. -0.00 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion: 94 Resp: 5149

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

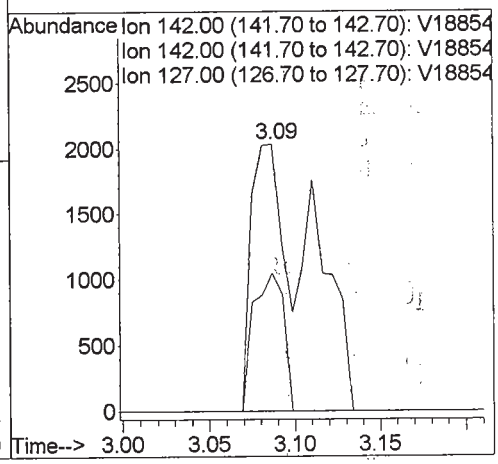


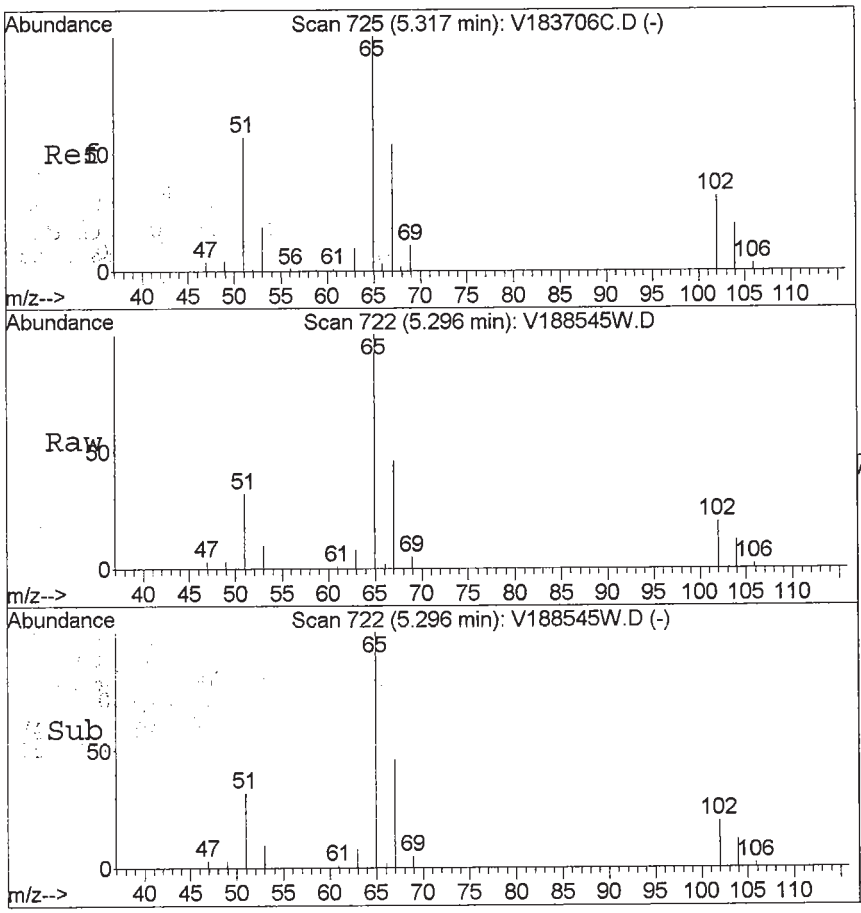


#12
Iodomethane
Concen: 1.06 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion:142 Resp: 4770

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

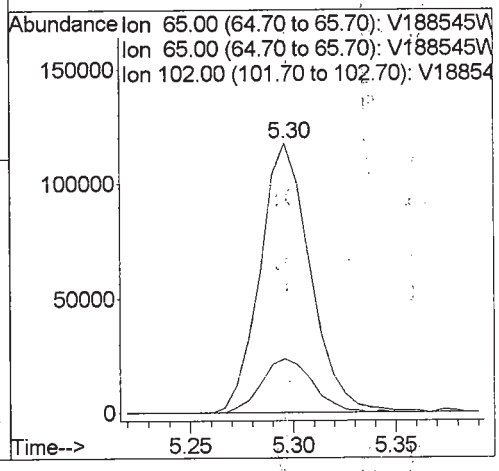


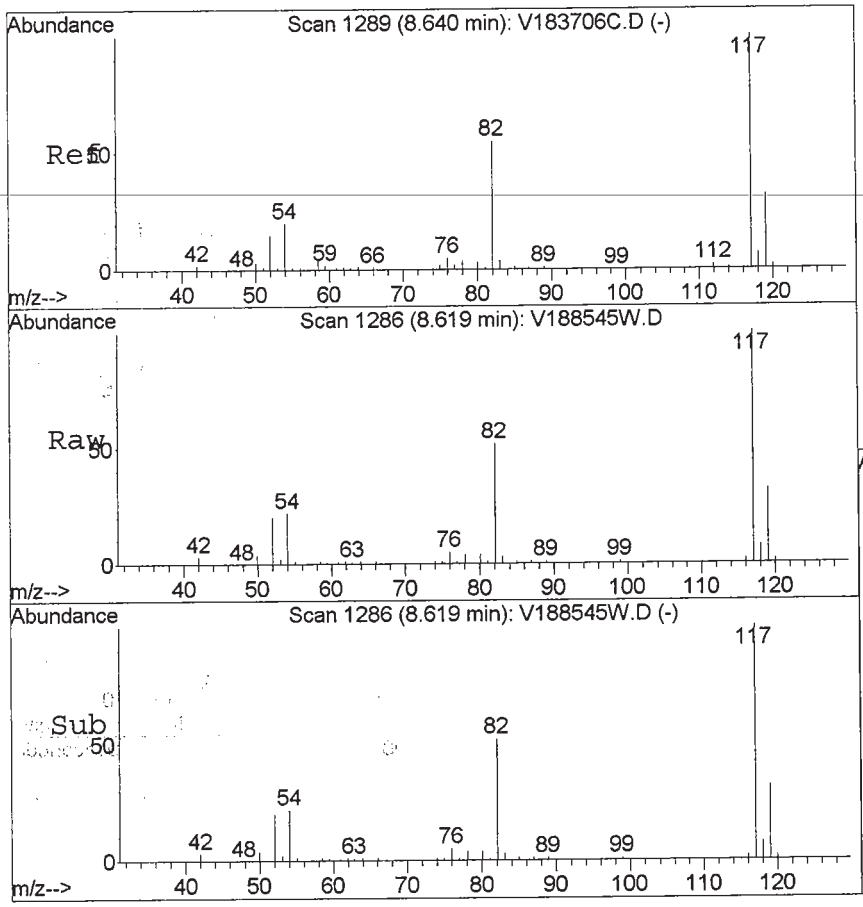


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion: 65 Resp: 200049

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.7	15.8	23.8

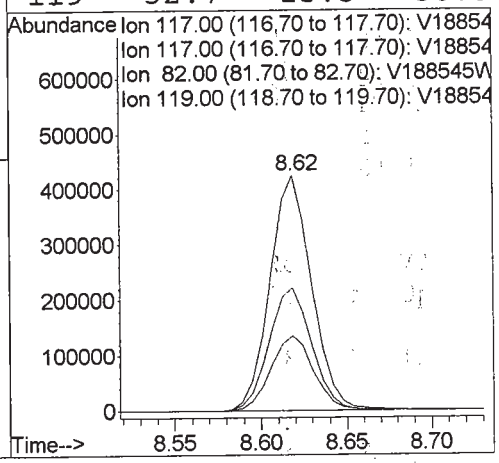


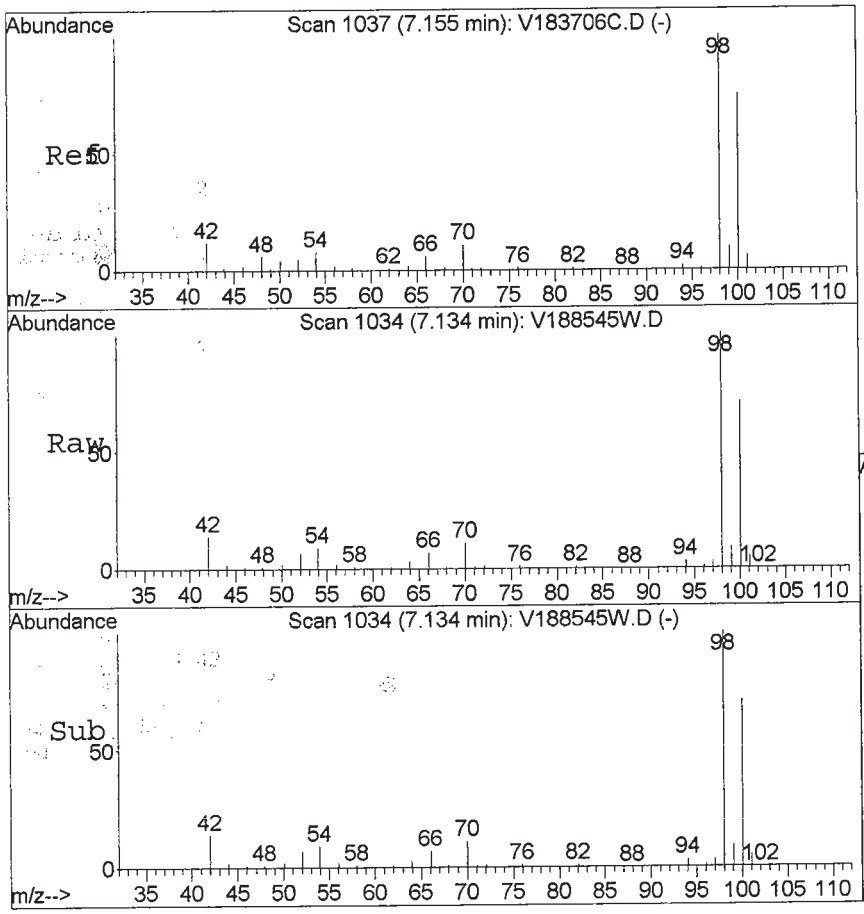


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion:117 Resp: 719072

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.7	25.5	38.3

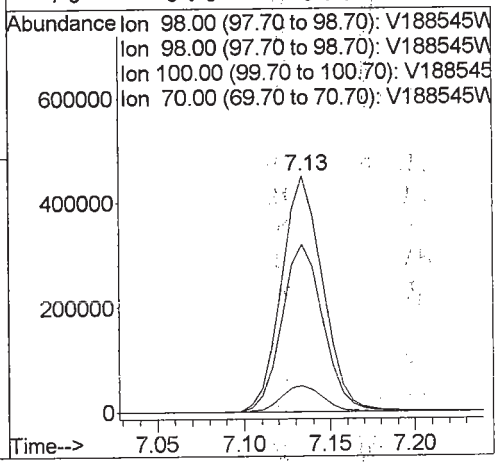


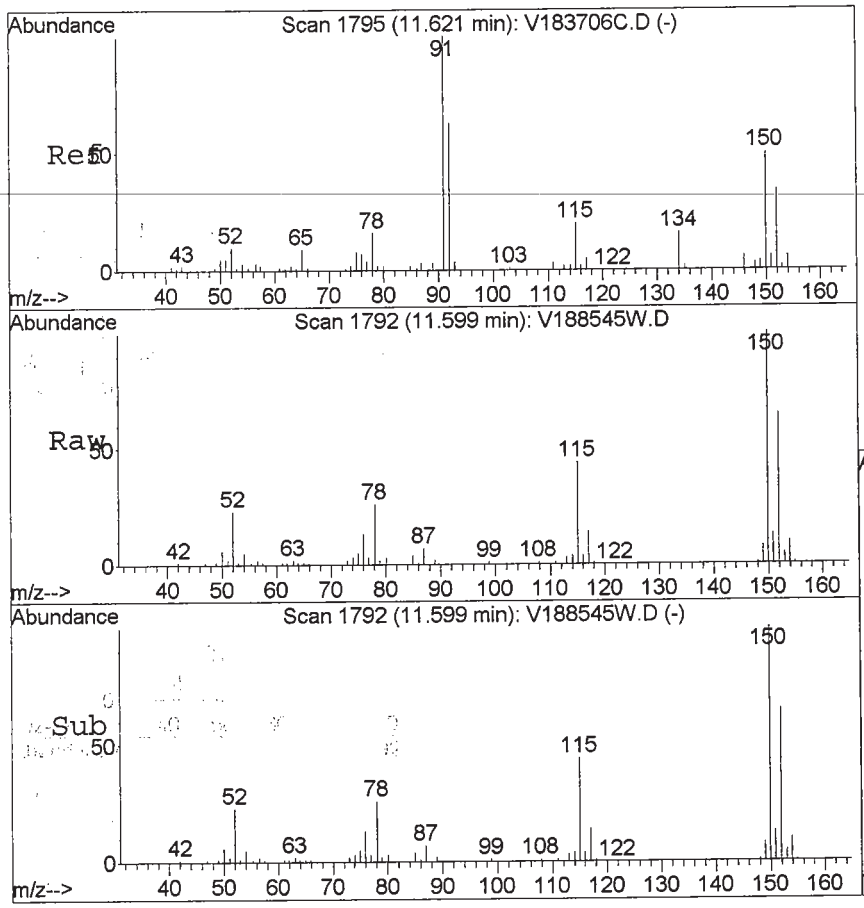


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion: 98 Resp: 753027

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.1	35.3	105.7
70	0.0	0.0	0.0

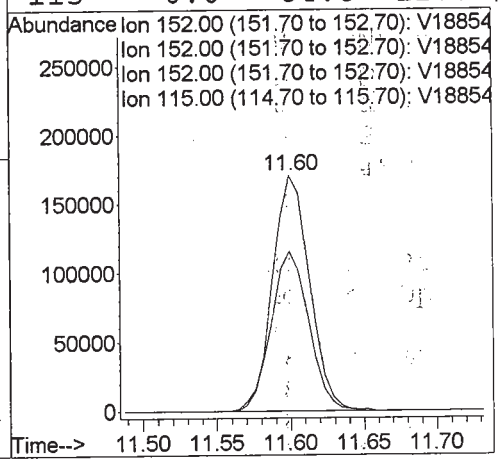


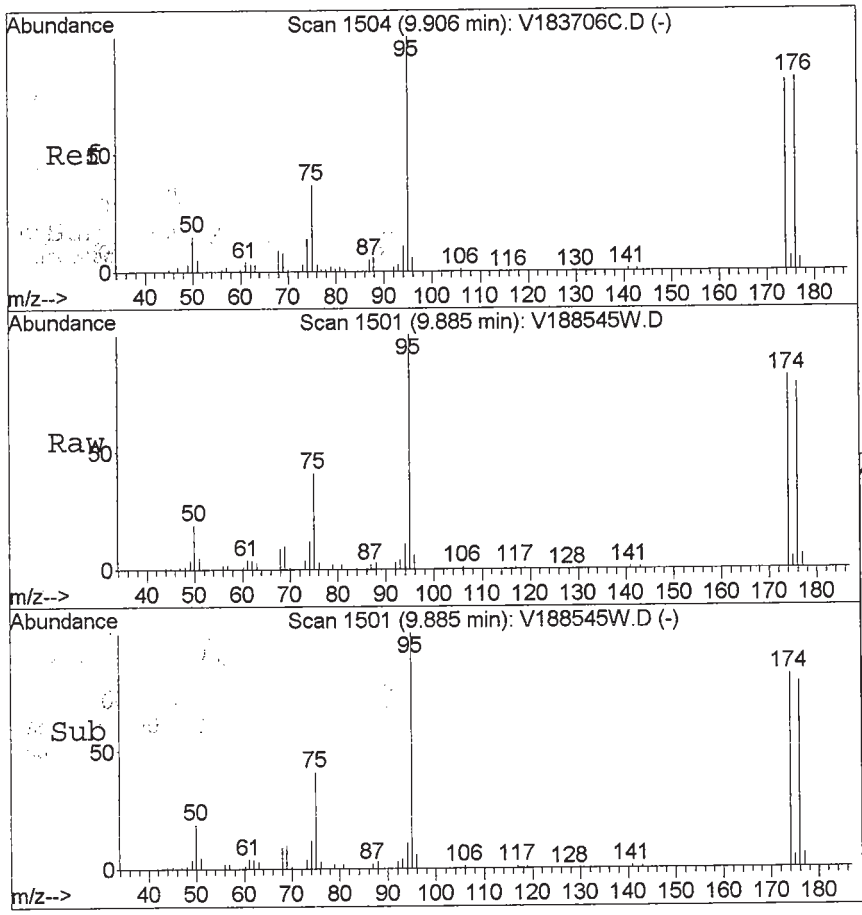


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion:152 Resp: 298989

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

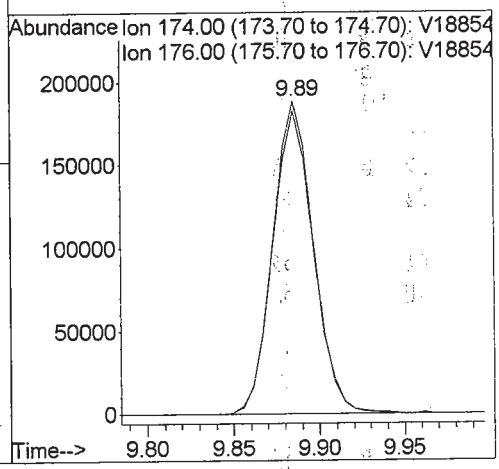




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion:174 Resp: 310107

Ion	Ratio	Lower	Upper
174	100		
176	97.0	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3C

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-10	File ID:	V188546W.D
Sampled:	04/23/13 15:10	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 05:20
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-10 File ID: V188546W.D

Sampled: 04/23/13 15:10 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 05:20

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.6	109	72.6 - 129	
p-Bromofluorobenzene	50.0	51.2	102	63.5 - 145	
Toluene-d8	50.0	48.4	96.8	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188546W.D Vial: 33
Acq On : 27 Apr 2013 5:20 am Operator: SS
Sample : 13D0938-10 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:08 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

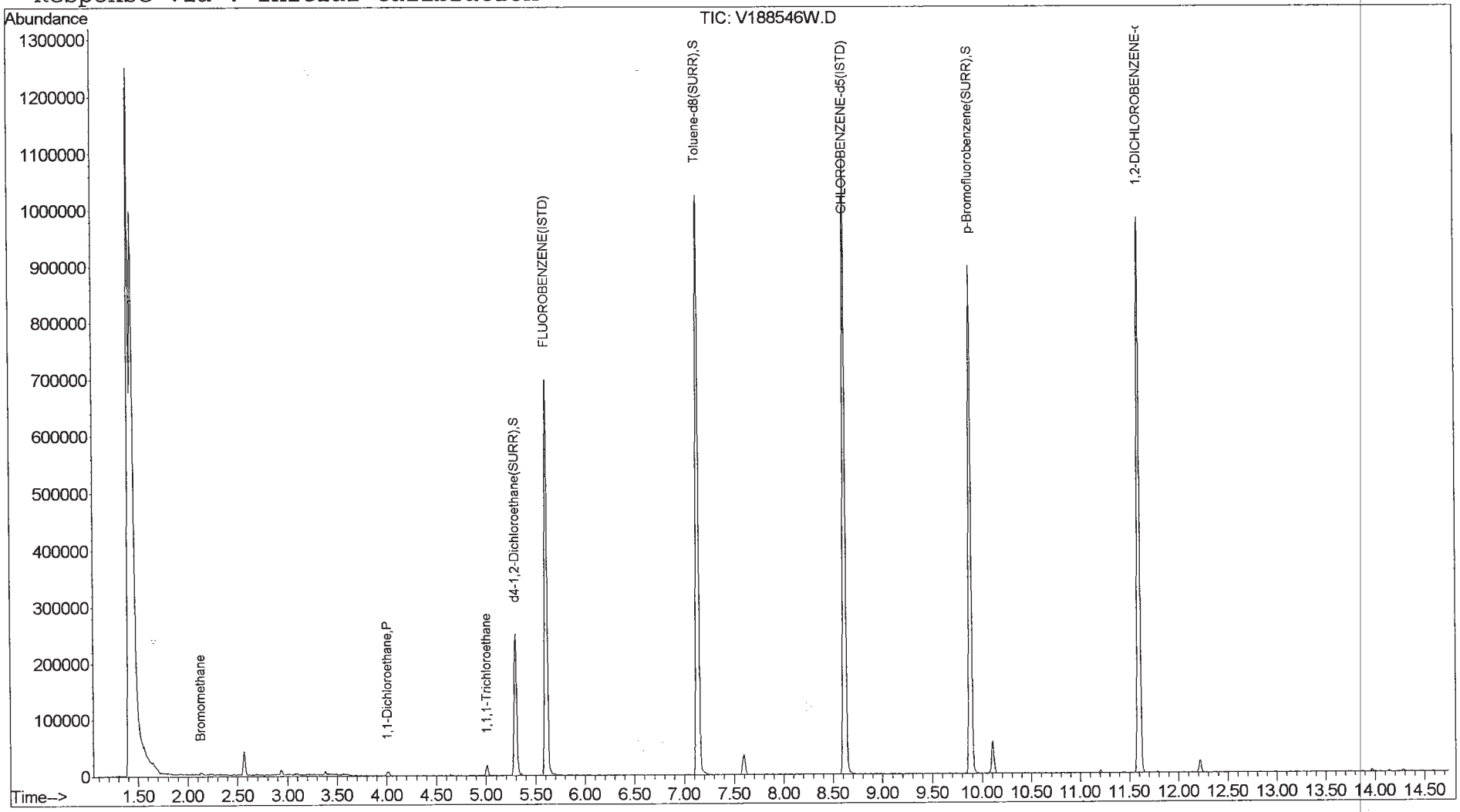
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	118794	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	675363	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	276112	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	188685	54.62	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 109.24%			
47) Toluene-d8(SURR)	7.13	98	701157	48.42	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.84%			
64) p-Bromofluorobenzene(SURR)	9.88	174	285679	51.19	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.38%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	4126	1.08	ppb #	51
21) 1,1-Dichloroethane	4.02	63	8689	1.12	ppb	98
30) 1,1,1-Trichloroethane	5.01	97	13031	1.15	ppb #	93

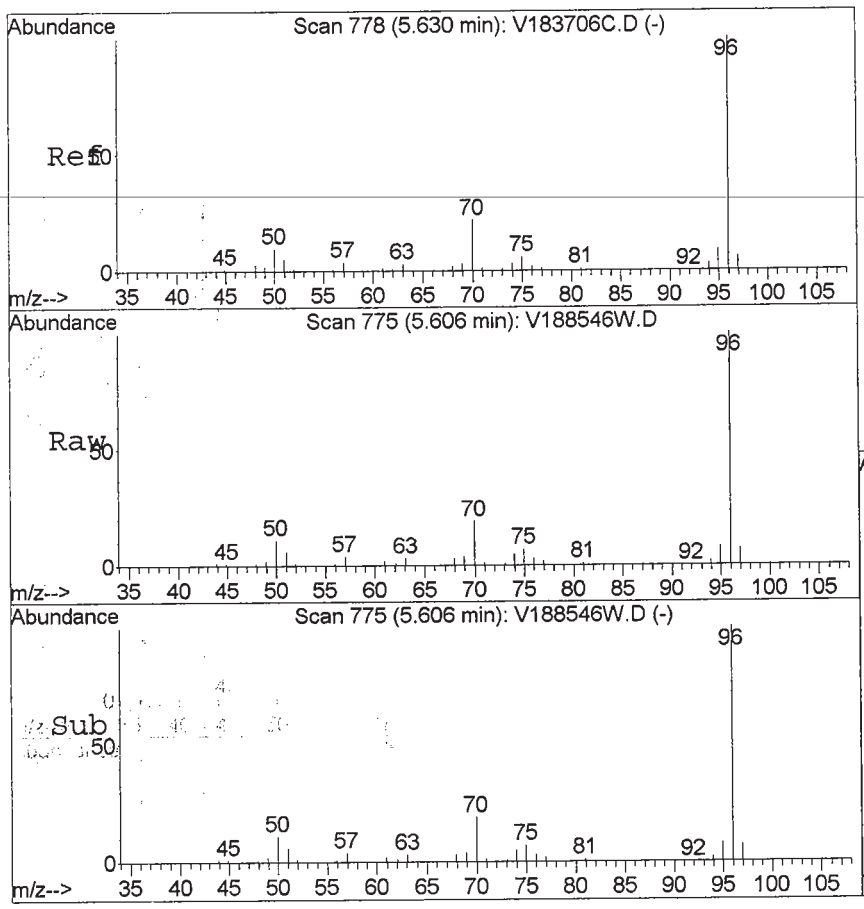
(#) = qualifier out of range (m) = manual integration
V188546W.D V1C00360.M Mon Apr 29 16:09:42 2013 Page 1

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188546W.D Vial: 33
Acq On : 27 Apr 2013 5:20 am Operator: SS
Sample : 13D0938-10 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:08 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

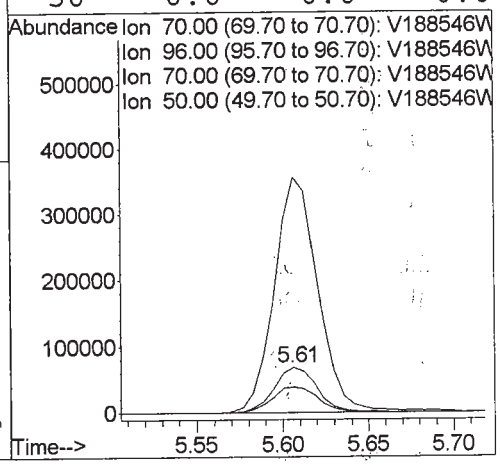


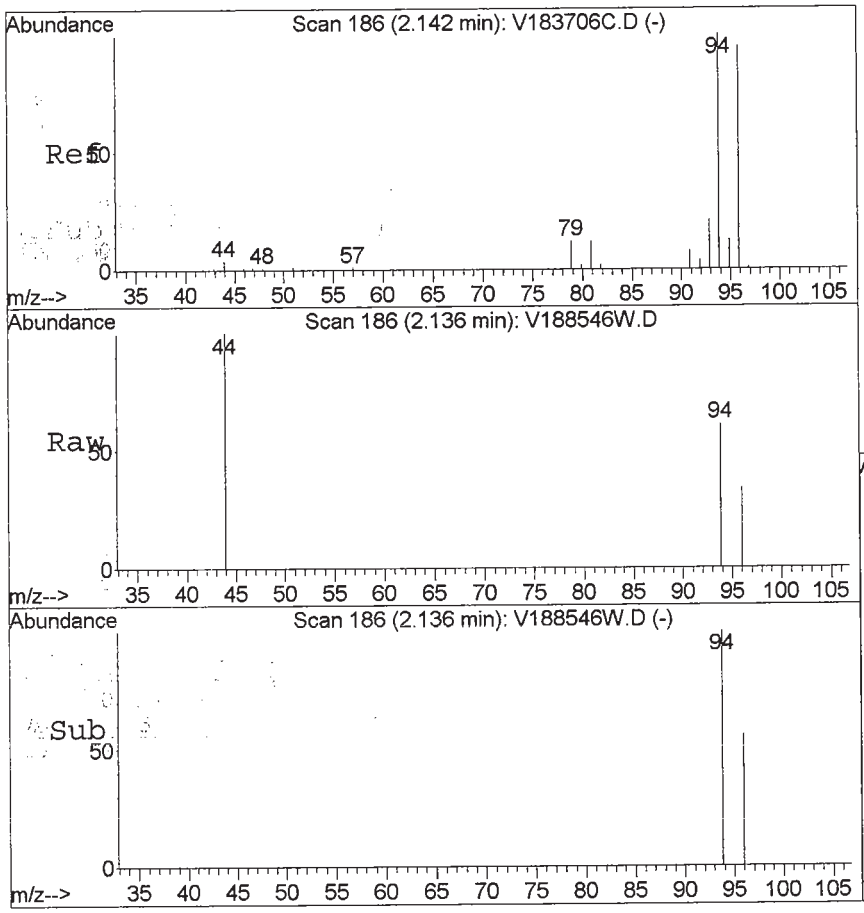


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 70 Resp: 118794

Ion	Ratio	Lower	Upper
70	100		
96	526.1	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

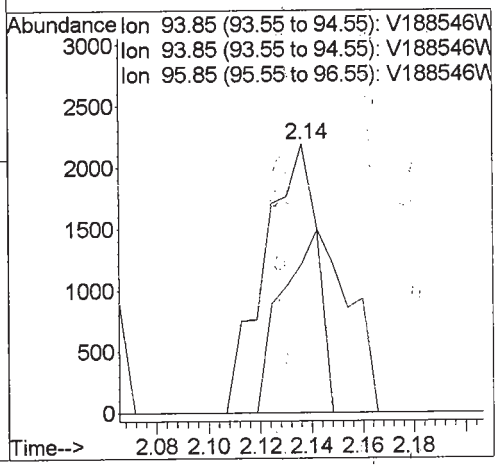


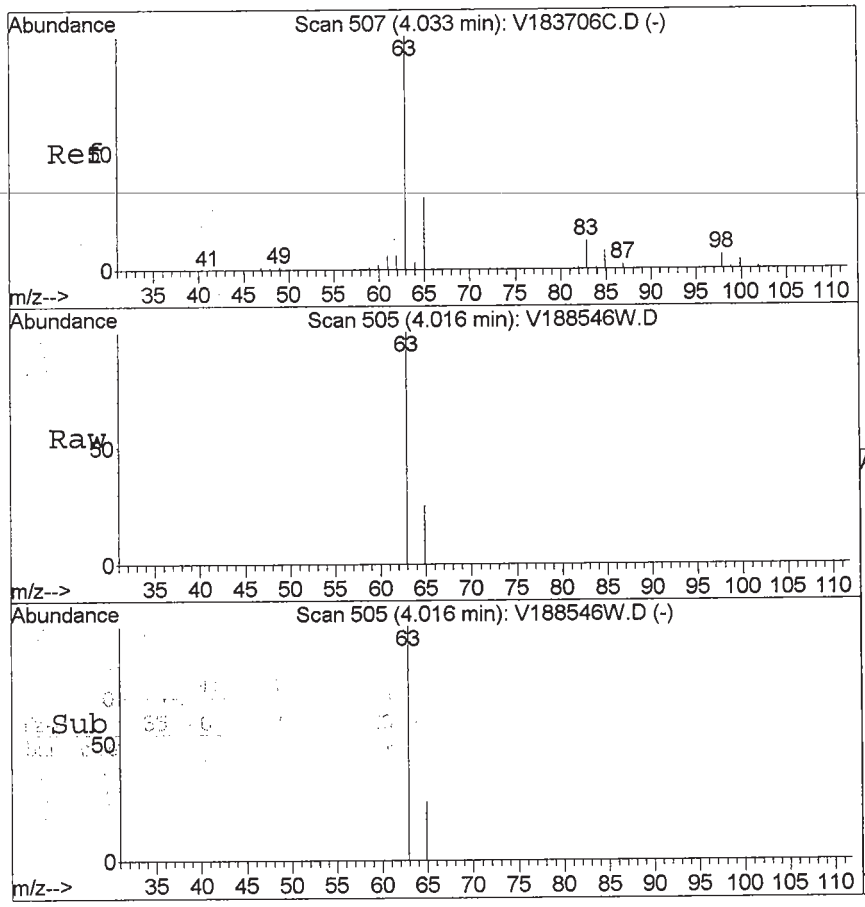


#5
Bromomethane
Concen: 1.08 ppb
RT: 2.14 min Scan# 186
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 94 Resp: 4126

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

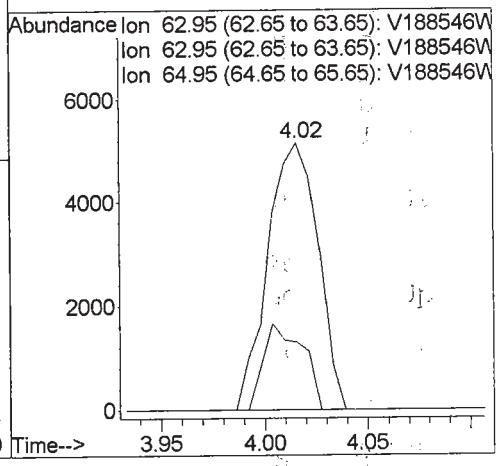


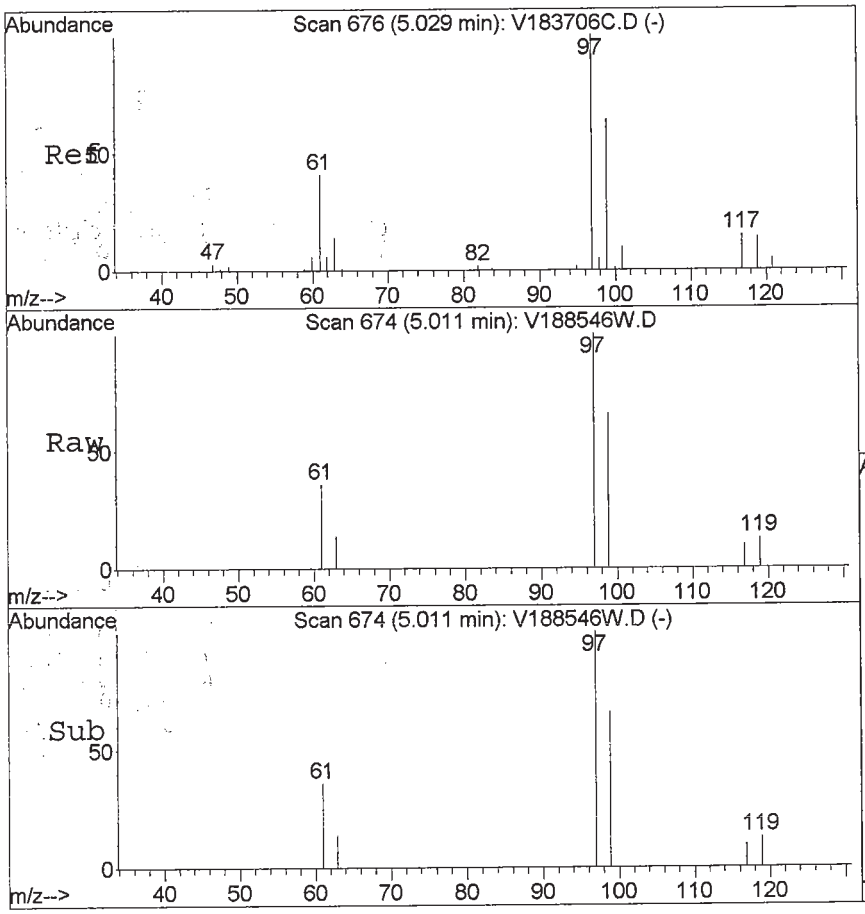


#21
1,1-Dichloroethane
Concen: 1.12 ppb
RT: 4.02 min Scan# 505
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 63 Resp: 8689

Ion	Ratio	Lower	Upper
63	100		
63	100.0	50.0	150.0
65	25.3	15.4	46.1

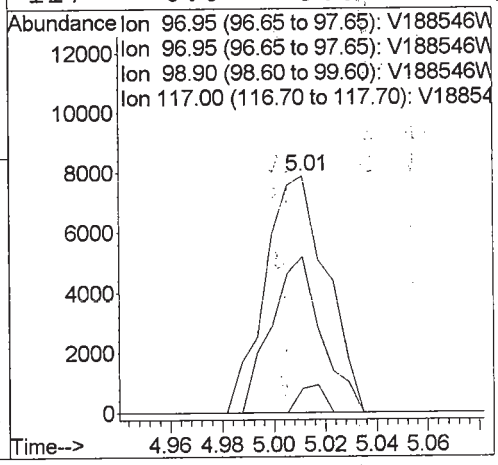


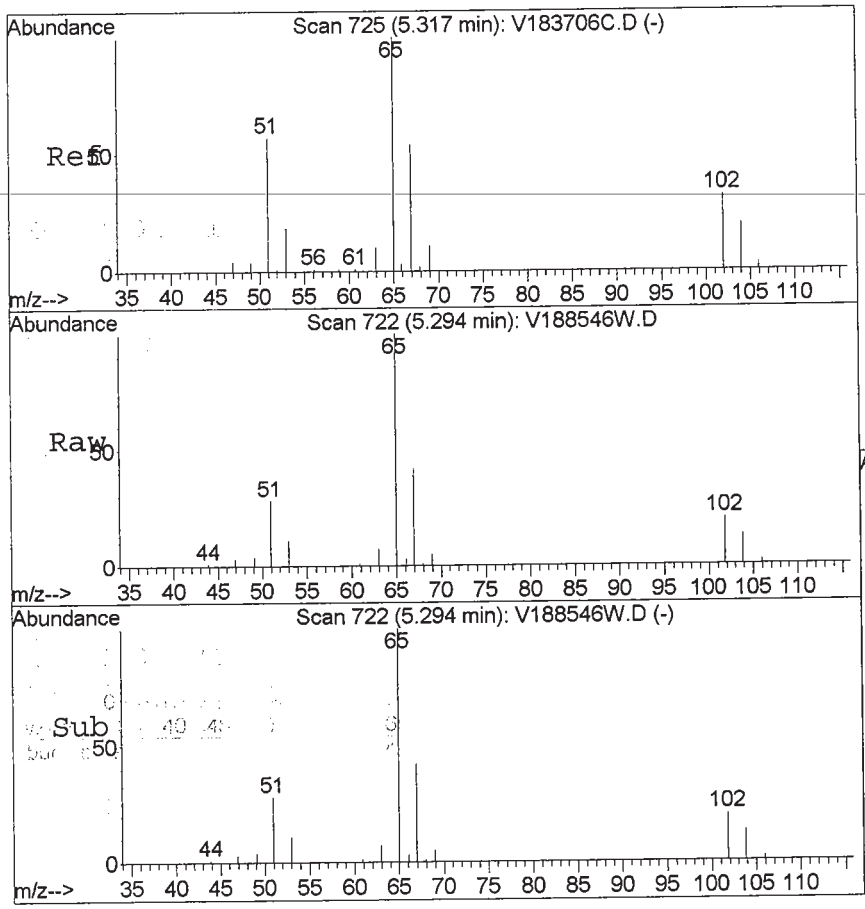


#30
1,1,1-Trichloroethane
Concen: 1.15 ppb
RT: 5.01 min Scan# 674
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 97 Resp: 13031

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	54.1	52.2	78.4
117	0.0	9.0	13.4#

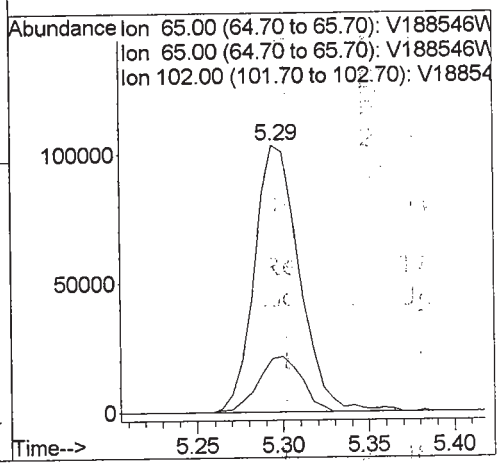


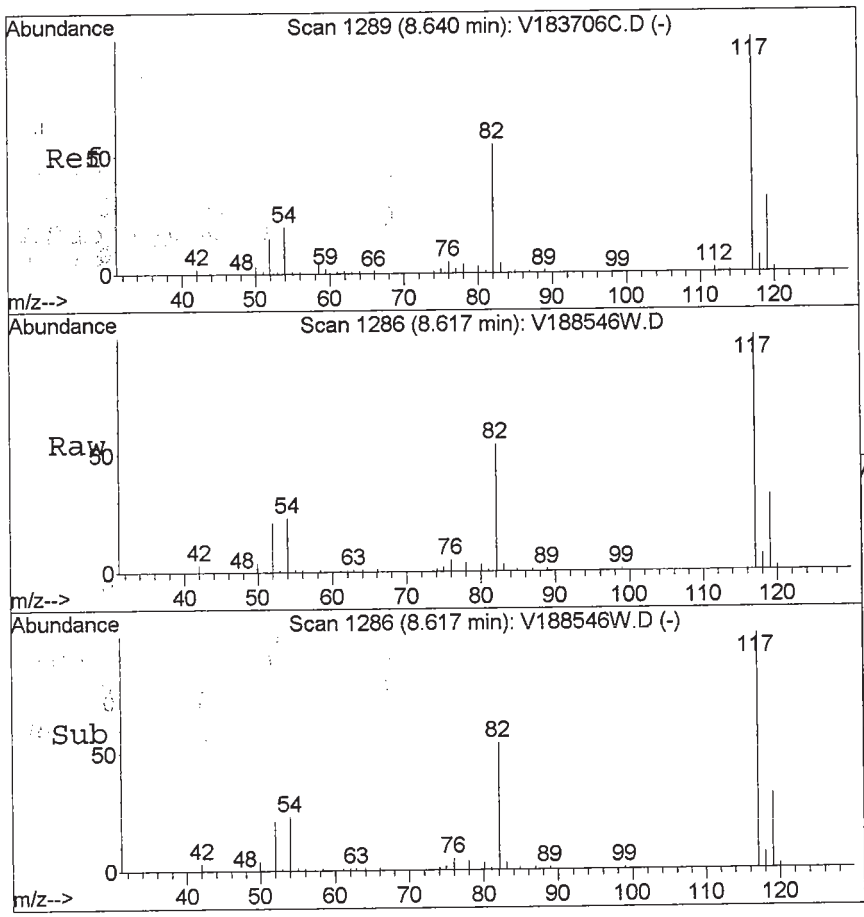


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 65 Resp: 188685

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.3	15.8	23.8

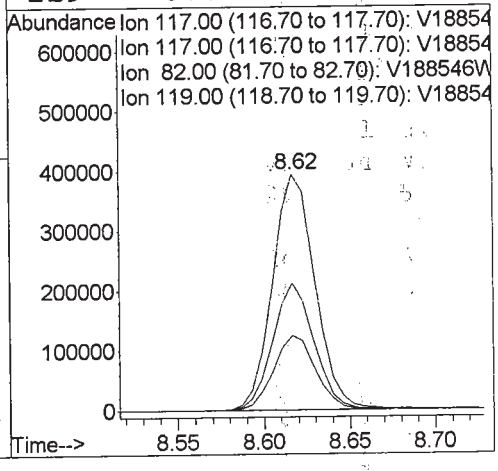


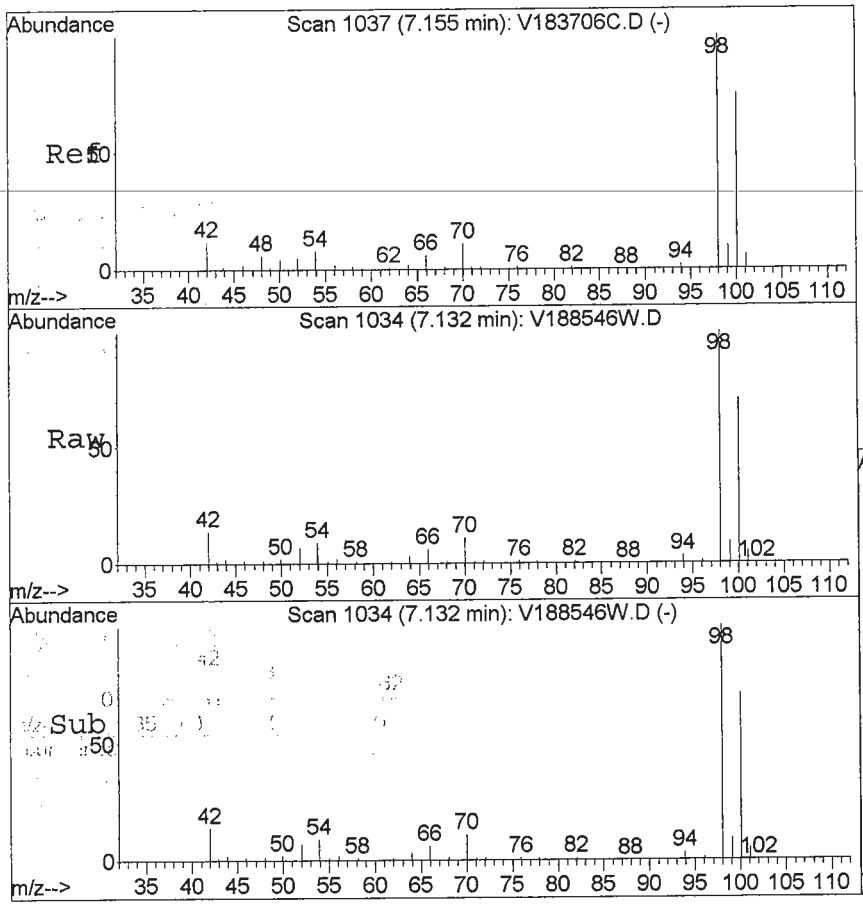


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion:117 Resp: 675363

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	52.1	0.0	0.0#
119	0.0	25.5	38.3#

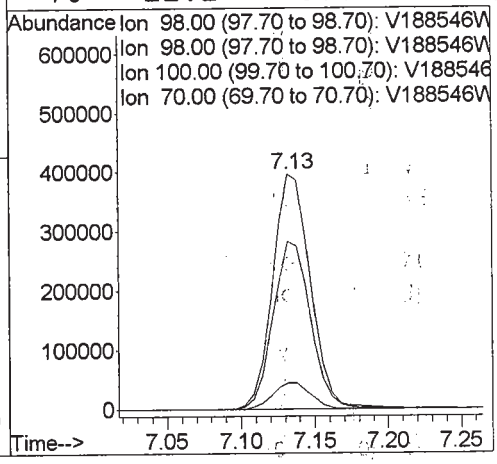


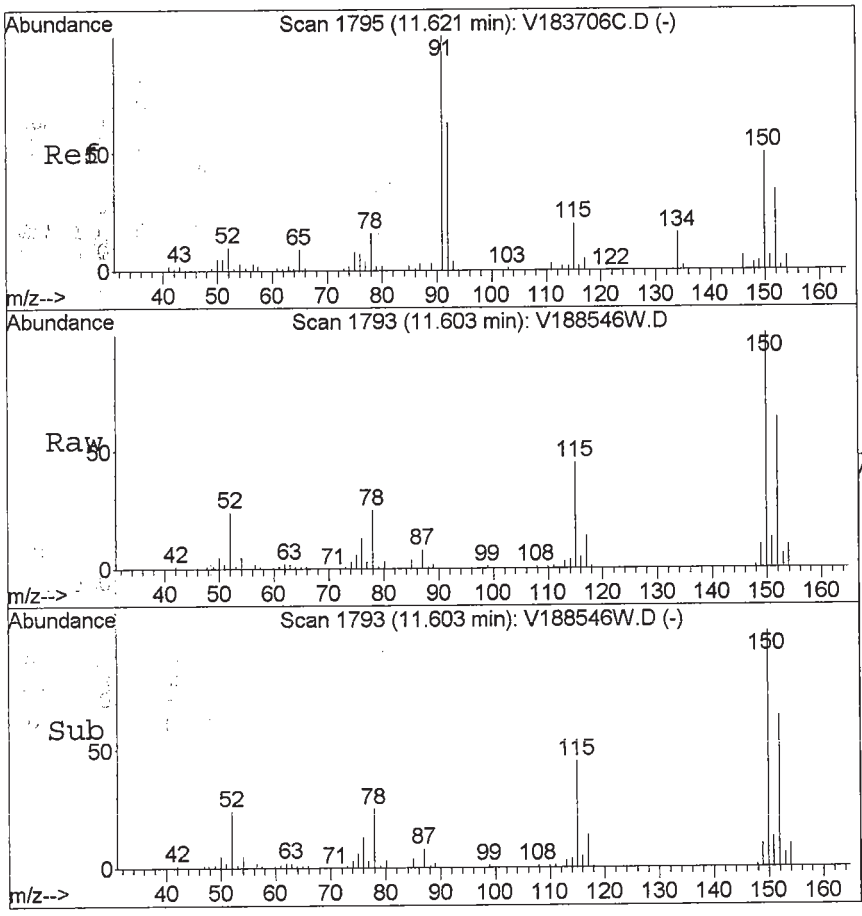


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 98 Resp: 701157

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.9	35.3	105.7
70	11.2	0.0	0.0#

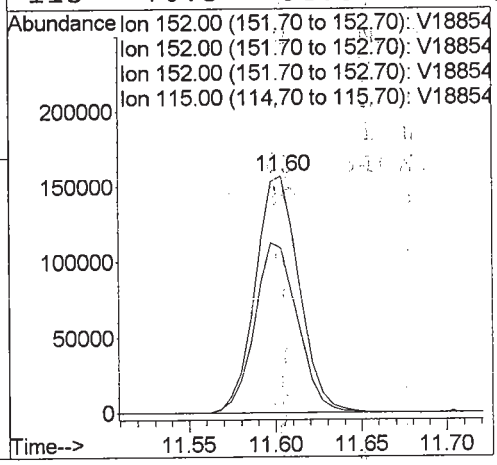


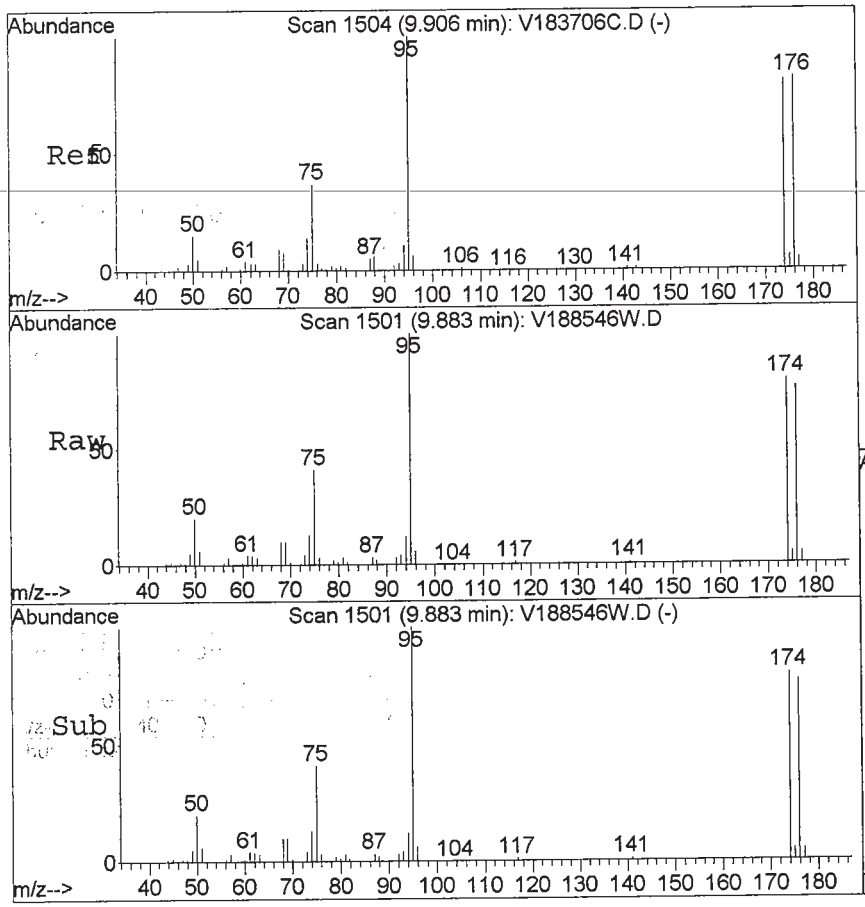


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion:152 Resp: 276112

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	70.5	84.8	127.2#

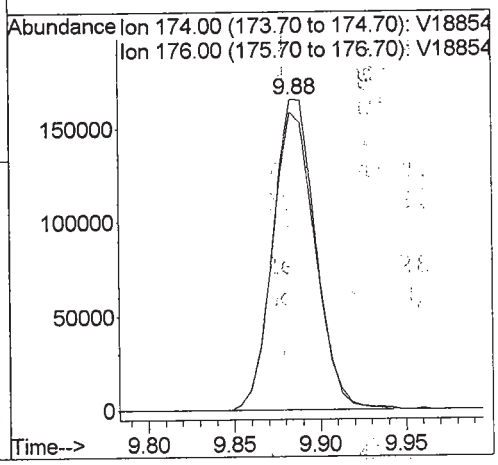




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion:174 Resp: 285679

Ion	Ratio	Lower	Upper
174	100		
176	95.9	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-4A**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-11	File ID:	V188547W.D
Sampled:	04/23/13 20:00	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 05:59
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-11	File ID:	V188547W.D
Sampled:	04/23/13 20:00	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 05:59
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	23	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.4	111	72.6 - 129	
p-Bromofluorobenzene	50.0	49.1	98.2	63.5 - 145	
Toluene-d8	50.0	48.7	97.5	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188547W.D Vial: 34
Acq On : 27 Apr 2013 5:59 am Operator: SS
Sample : 13D0938-11 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

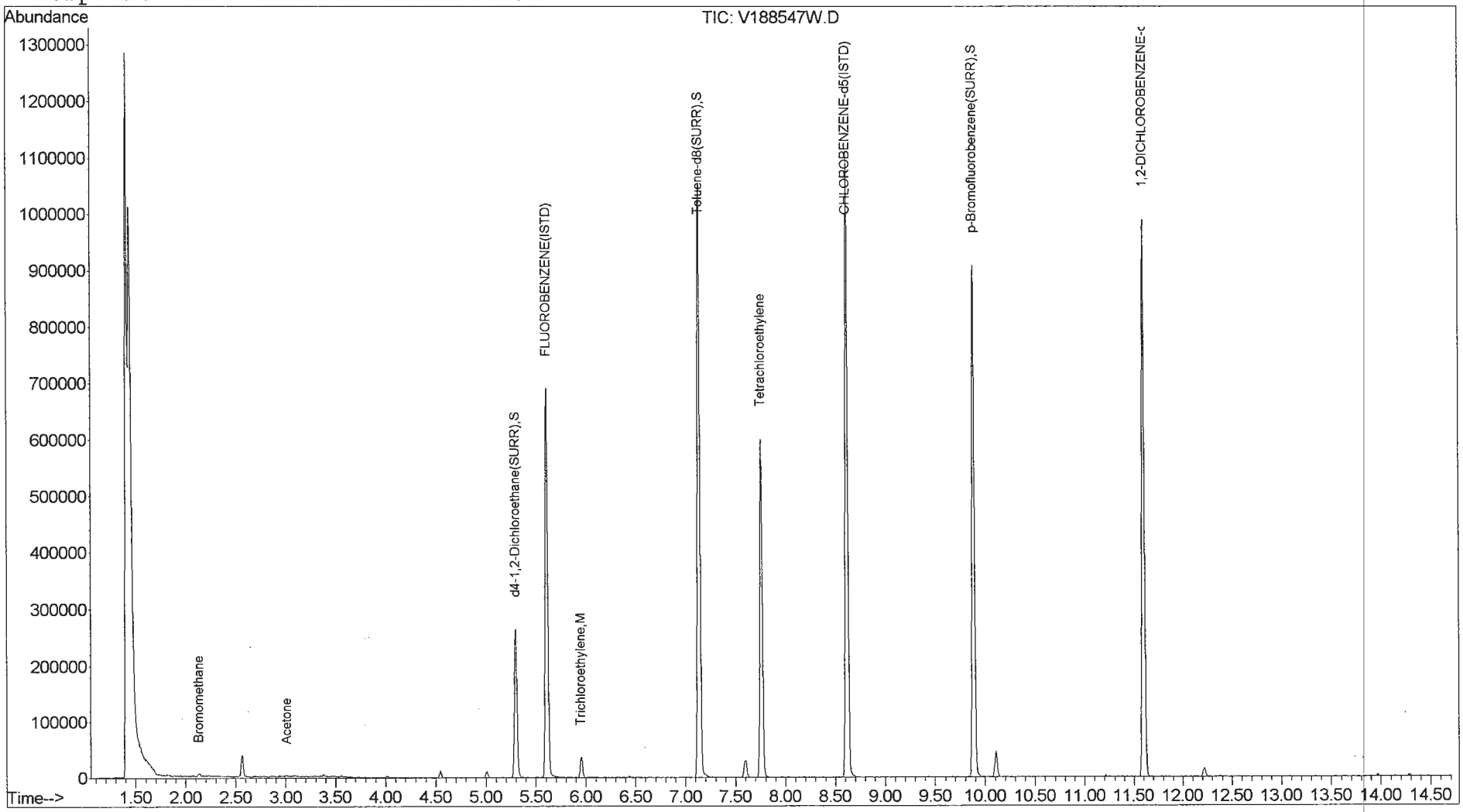
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	119305	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	672519	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	279546	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	192066	55.36	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 110.72%			
47) Toluene-d8(SURR)	7.14	98	702692	48.74	ppb	-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.48%			
64) p-Bromofluorobenzene(SURR)	9.89	174	277455	49.11	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.22%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	4054	1.06	ppb	# 51
20) Acetone	3.01	43	3159	2.37	ppb	# 94
37) Trichloroethylene	5.95	95	13418	1.85	ppb	94
52) Tetrachloroethylene	7.76	166	187760	23.06	ppb	98

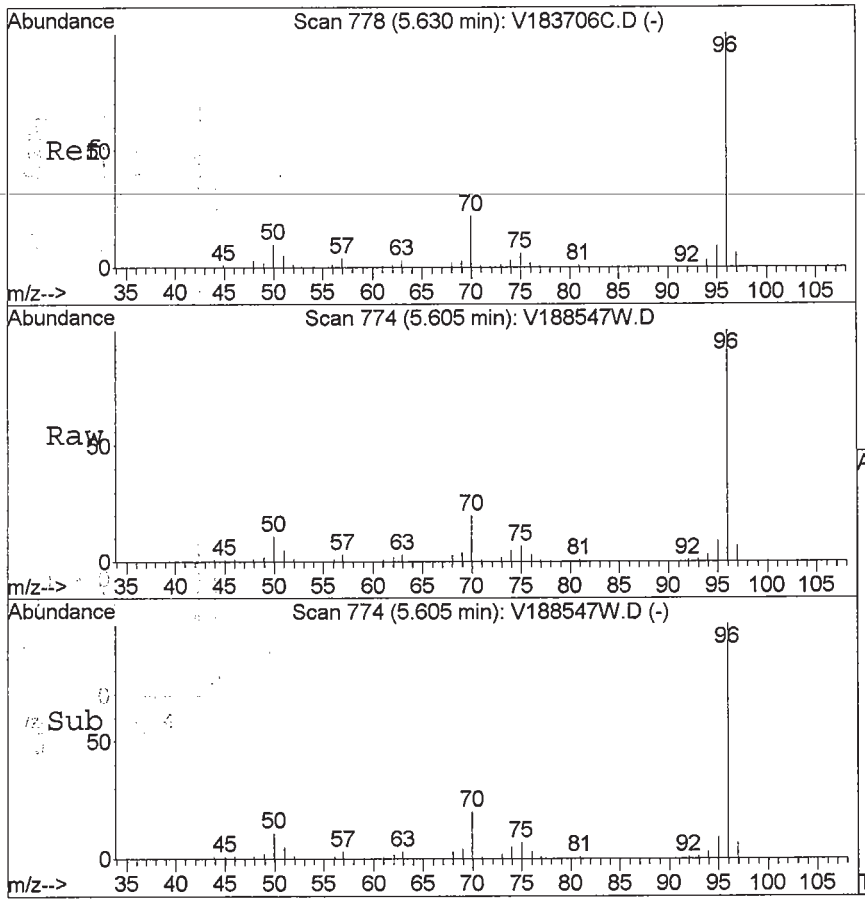
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188547W.D Vial: 34
Acq On : 27 Apr 2013 5:59 am Operator: SS
Sample : 13D0938-11 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

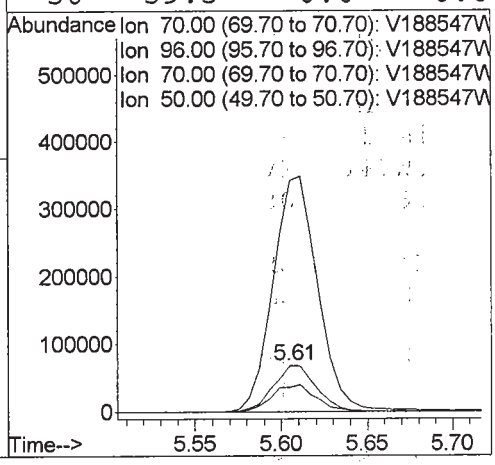


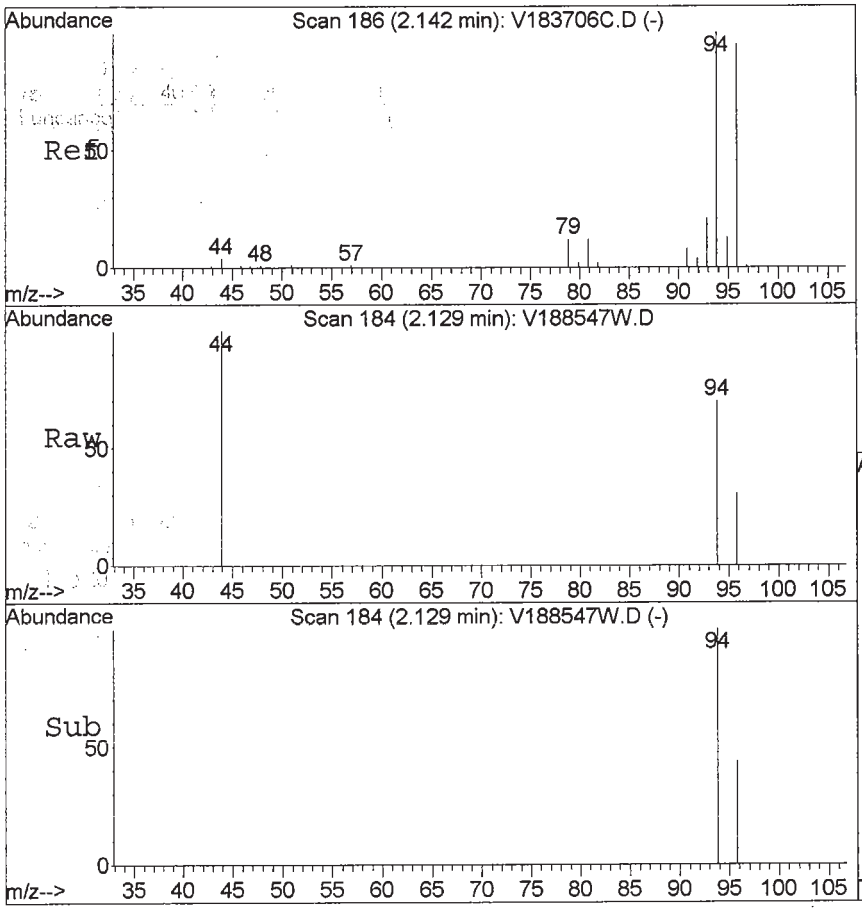


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 70 Resp: 119305

Ion	Ratio	Lower	Upper
70	100		
96	522.7	400.1	600.1
70	100.0	80.0	120.0
50	59.3	0.0	0.0#

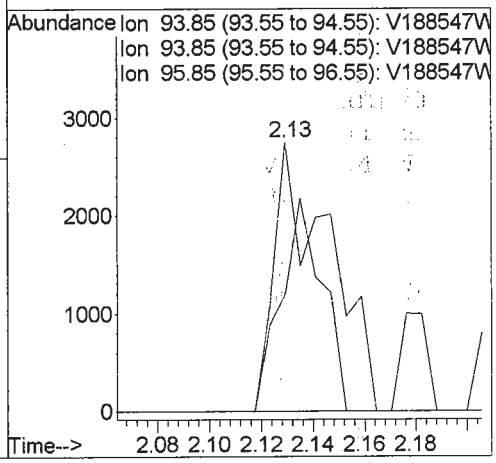


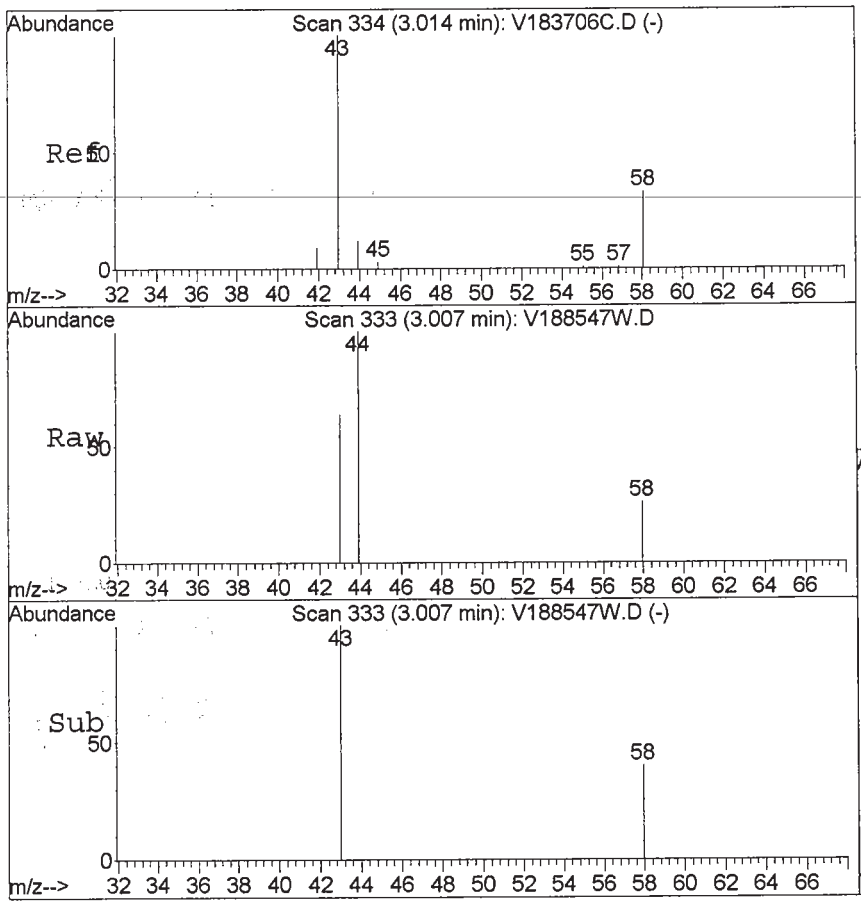


#5
Bromomethane
Concen: 1.06 ppb
RT: 2.13 min Scan# 184
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 94 Resp: 4054

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

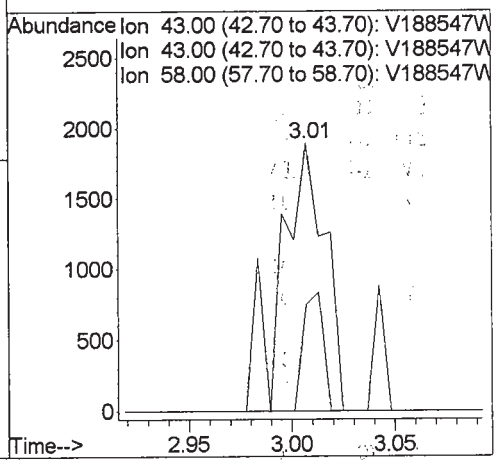


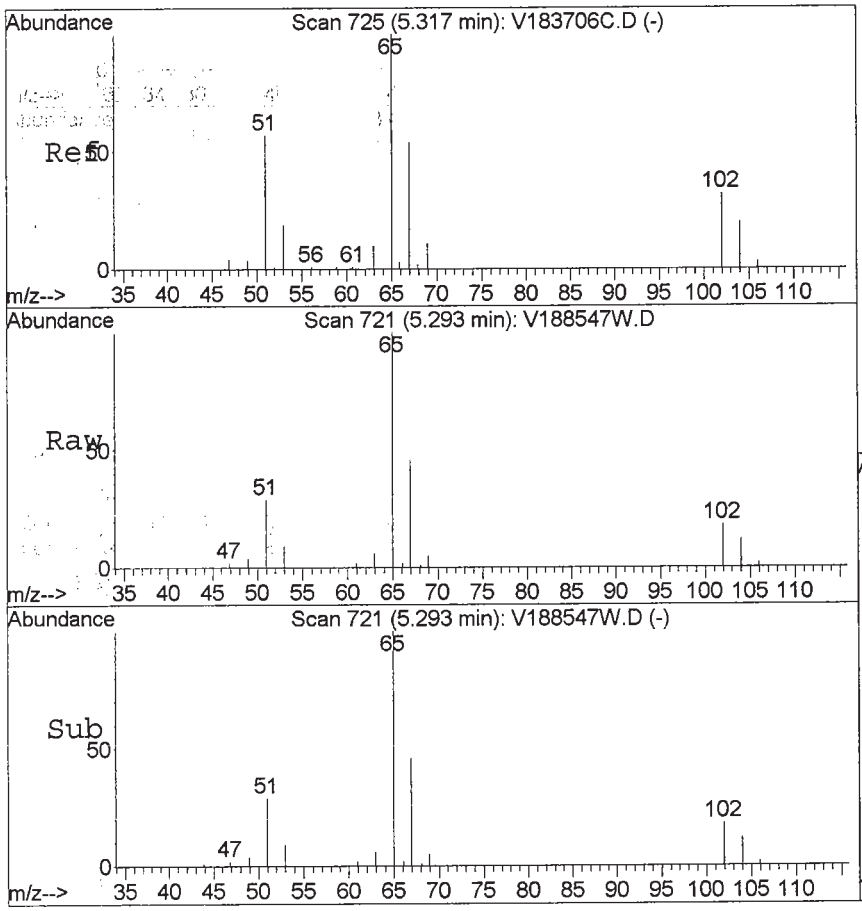


#20
Acetone
Concen: 2.37 ppb
RT: 3.01 min Scan# 333
Delta R.T. -0.00 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 43 Resp: 3159

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	14.5	21.7#

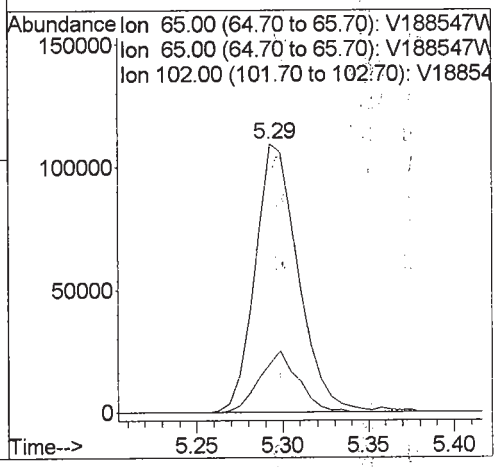


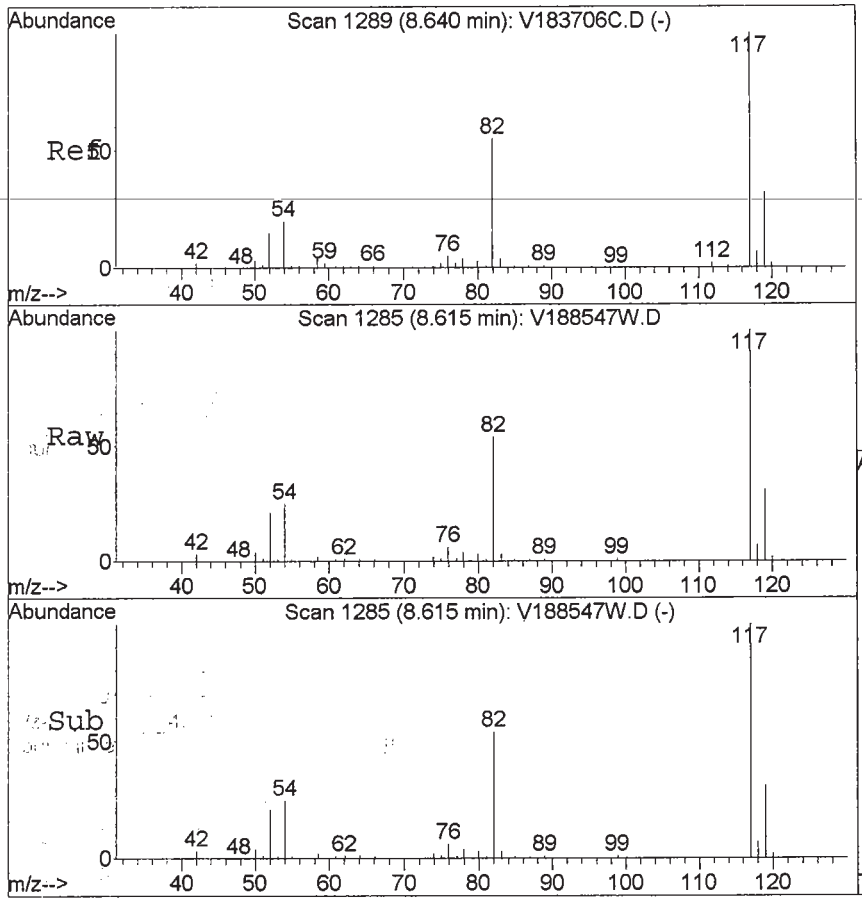


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 65 Resp: 192066

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.4	15.8	23.8

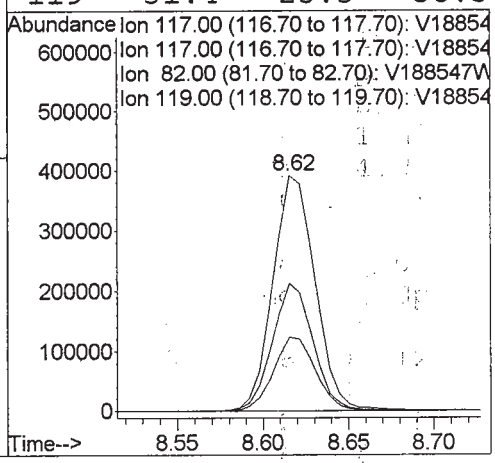


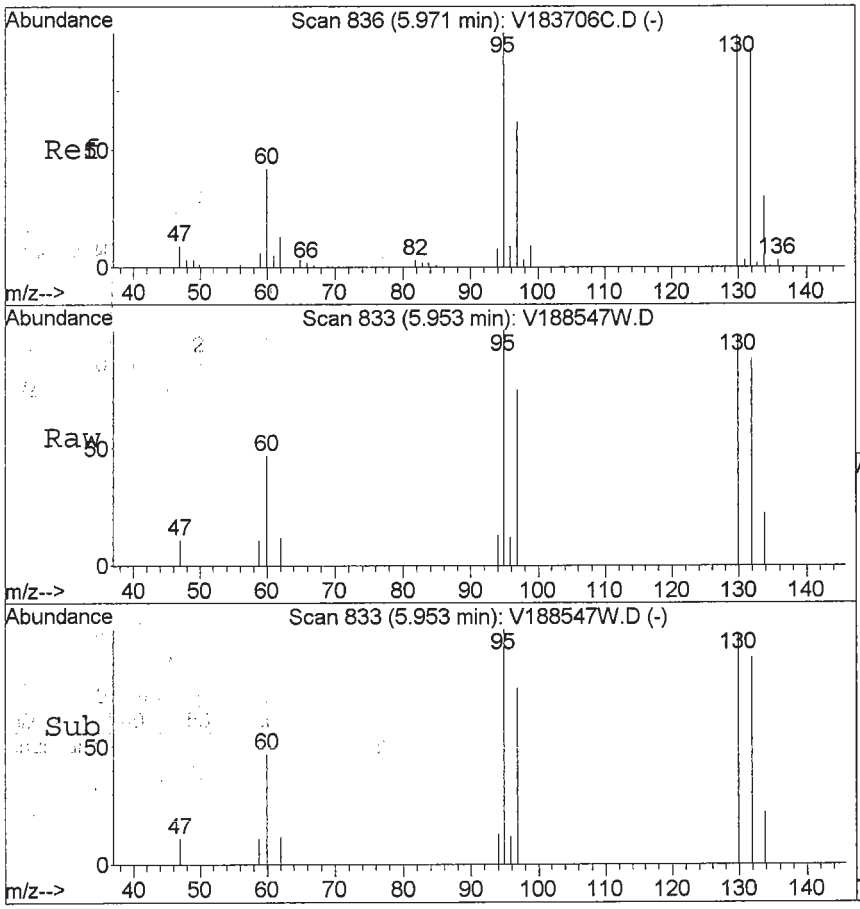


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion:117 Resp: 672519

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.4	25.5	38.3

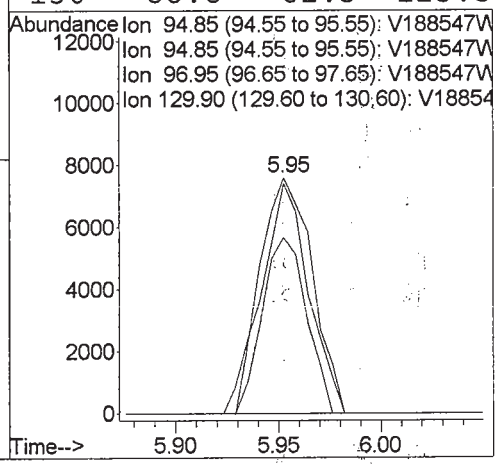


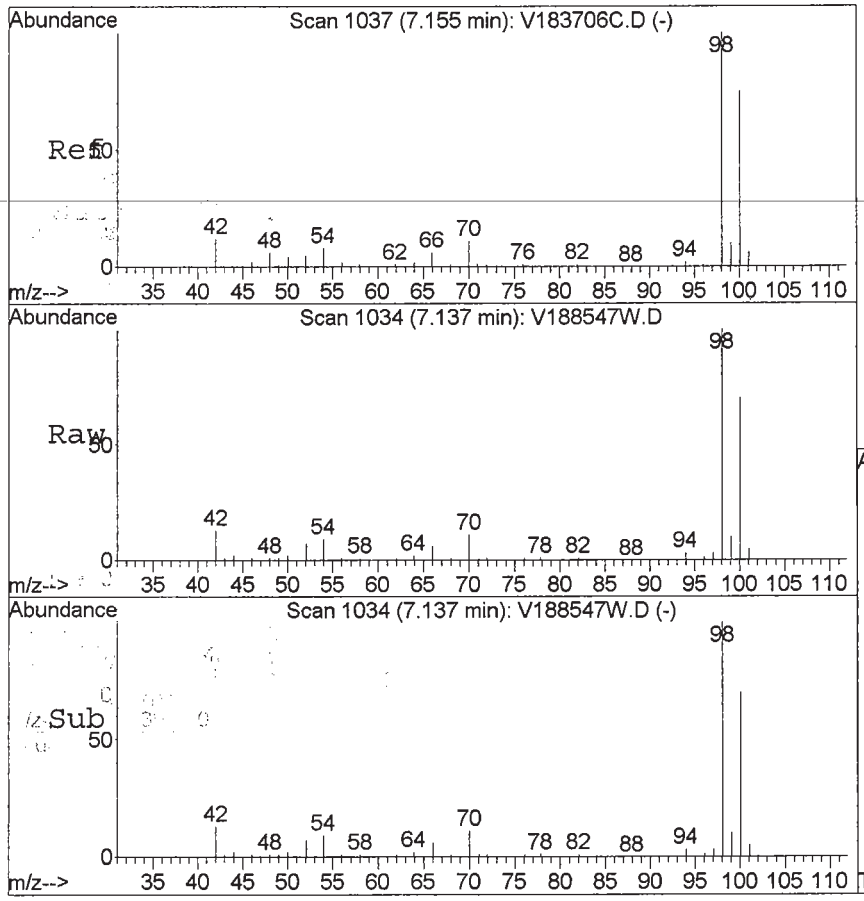


#37
Trichloroethylene
Concen: 1.85 ppb
RT: 5.95 min Scan# 833
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 95 Resp: 13418

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	63.4	53.6	80.4
130	88.8	82.3	123.5

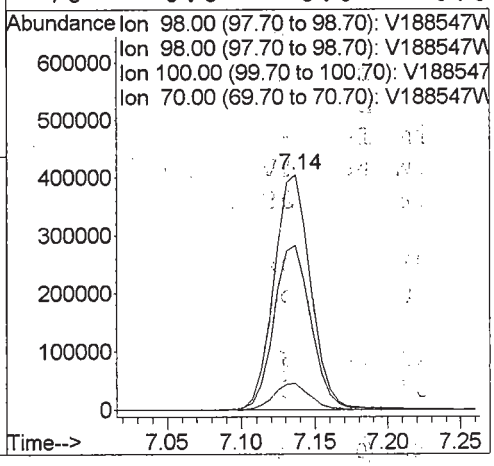


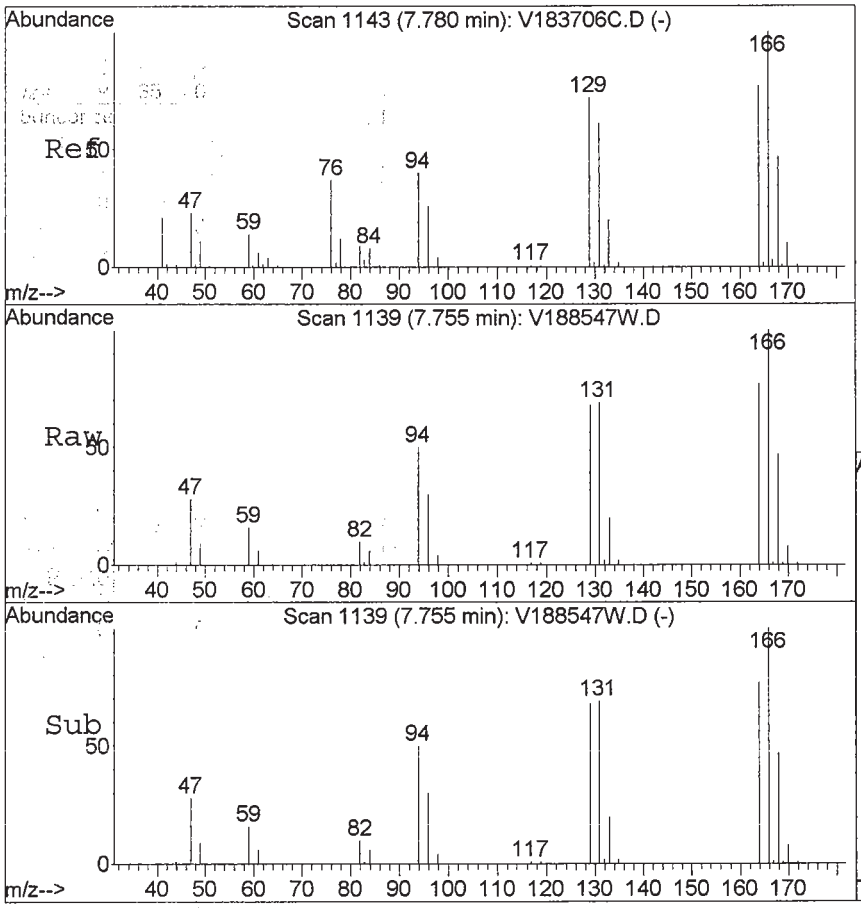


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1034
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 98 Resp: 702692

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.5	35.3	105.7
70	0.0	0.0	0.0

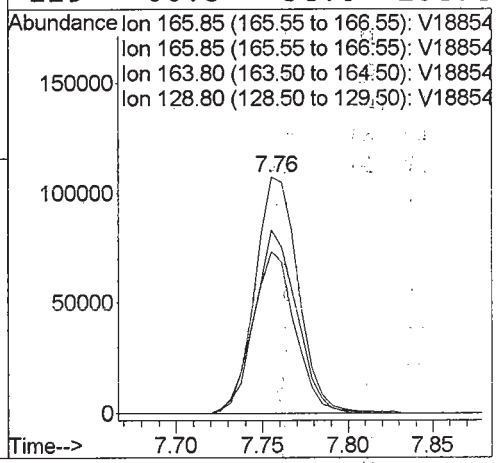


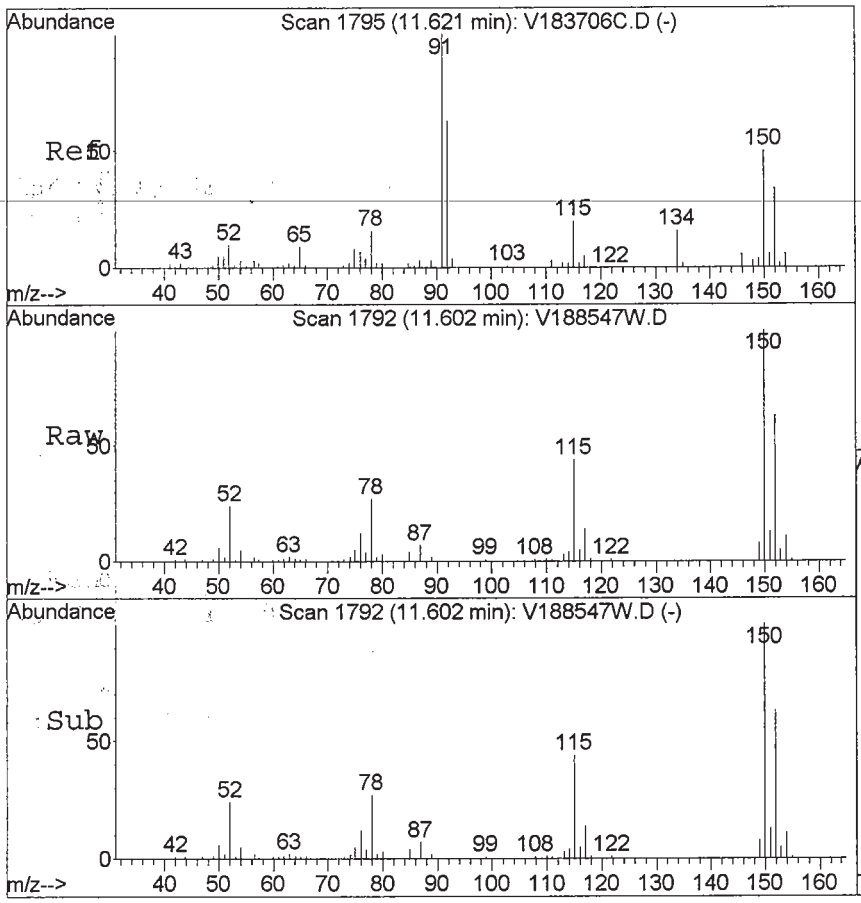


#52
Tetrachloroethylene
Concen: 23.06 ppb
RT: 7.76 min Scan# 1139
Delta R.T. -0.02 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion:166 Resp: 187760

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	75.6	39.1	117.5
129	66.3	34.8	104.4

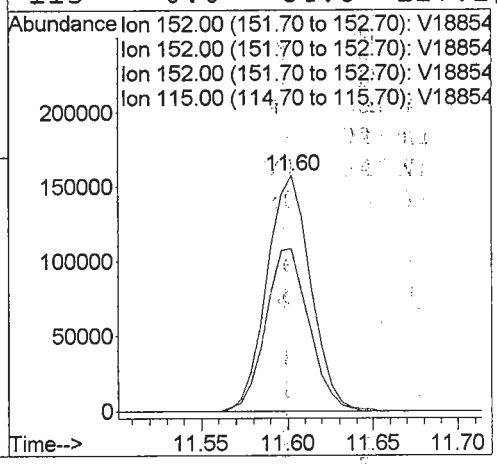


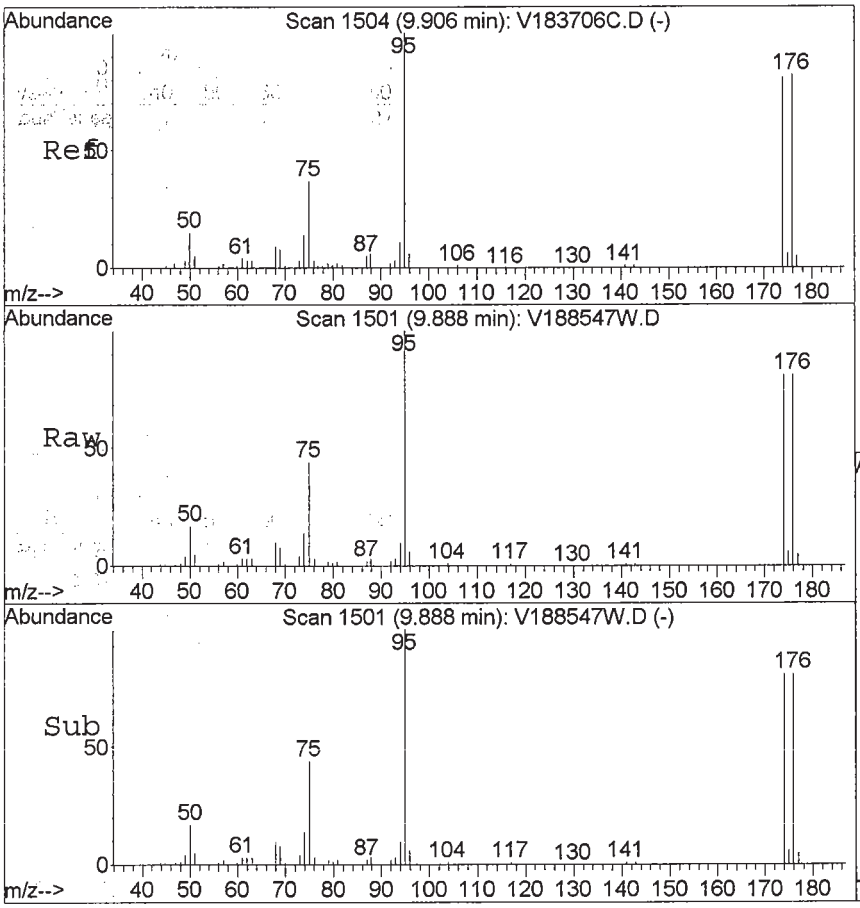


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion:152 Resp: 279546

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

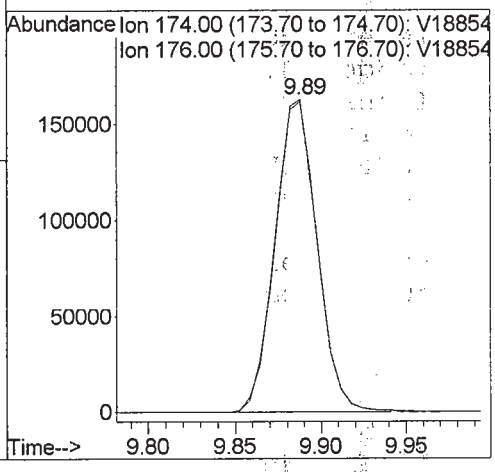




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion:174 Resp: 277455

Ion	Ratio	Lower	Upper
174	100		
176	99.7	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-4B**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-12	File ID:	V188548W.D
Sampled:	04/23/13 19:45	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 06:39
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	3.7	J
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	18	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-12	File ID:	V188548W.D
Sampled:	04/23/13 19:45	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 06:39
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	67	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	28	
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.9	110	72.6 - 129	
p-Bromofluorobenzene	50.0	51.1	102	63.5 - 145	
Toluene-d8	50.0	48.2	96.5	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188548W.D Vial: 35
Acq On : 27 Apr 2013 6:39 am Operator: SS
Sample : 13D0938-12 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:10 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

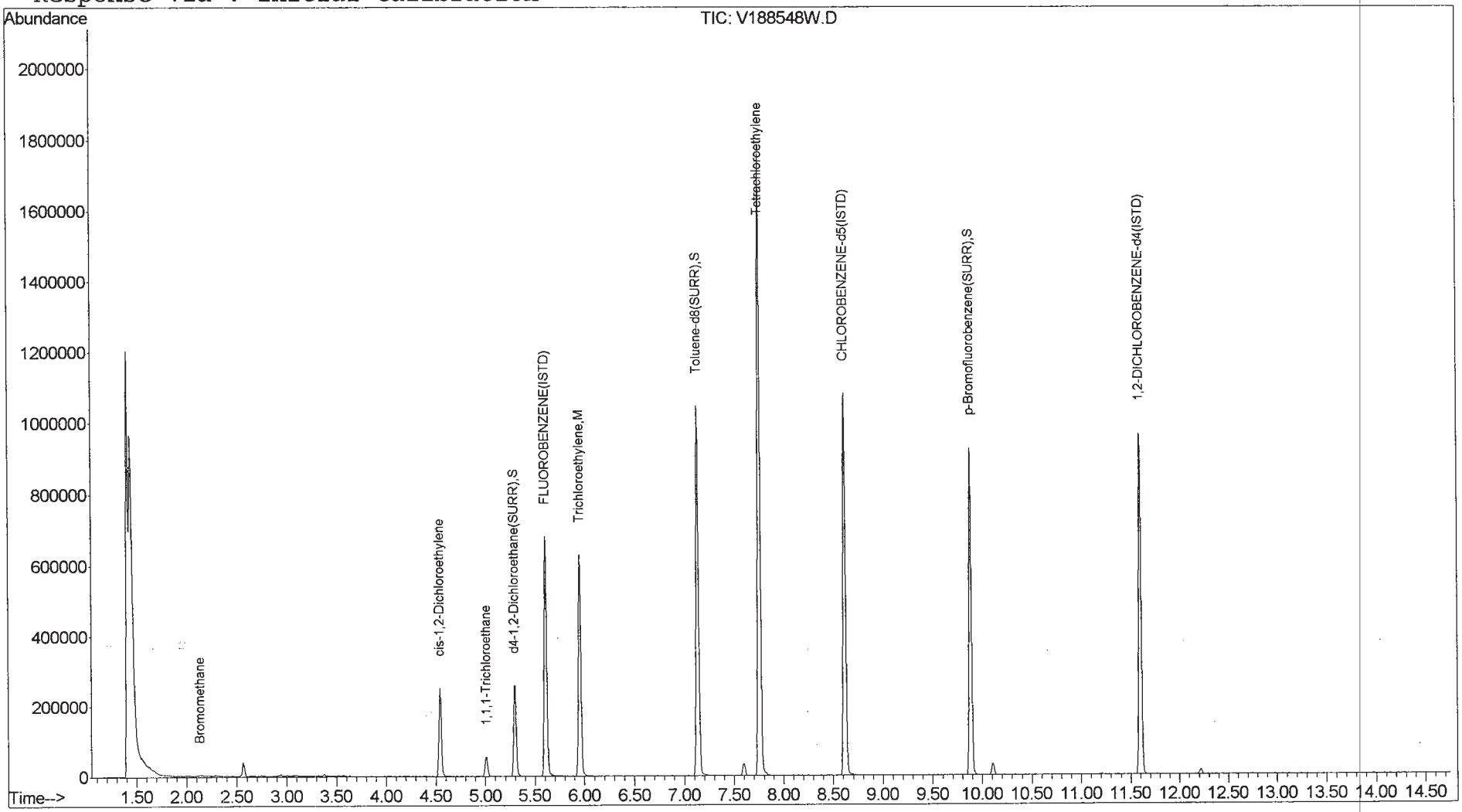
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	118691	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	661904	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	270293	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	189483	54.90	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 109.80%			
47) Toluene-d8(SURR)	7.13	98	684705	48.25	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.50%			
64) p-Bromofluorobenzene(SURR)	9.88	174	279160	51.10	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.20%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	3351	0.88	ppb	# 51
23) cis-1,2-Dichloroethylene	4.55	96	105572	17.77	ppb	# 99
30) 1,1,1-Trichloroethane	5.01	97	41494	3.66	ppb	98
37) Trichloroethylene	5.95	95	201296	28.27	ppb	99
52) Tetrachloroethylene	7.76	166	538613	67.20	ppb	99

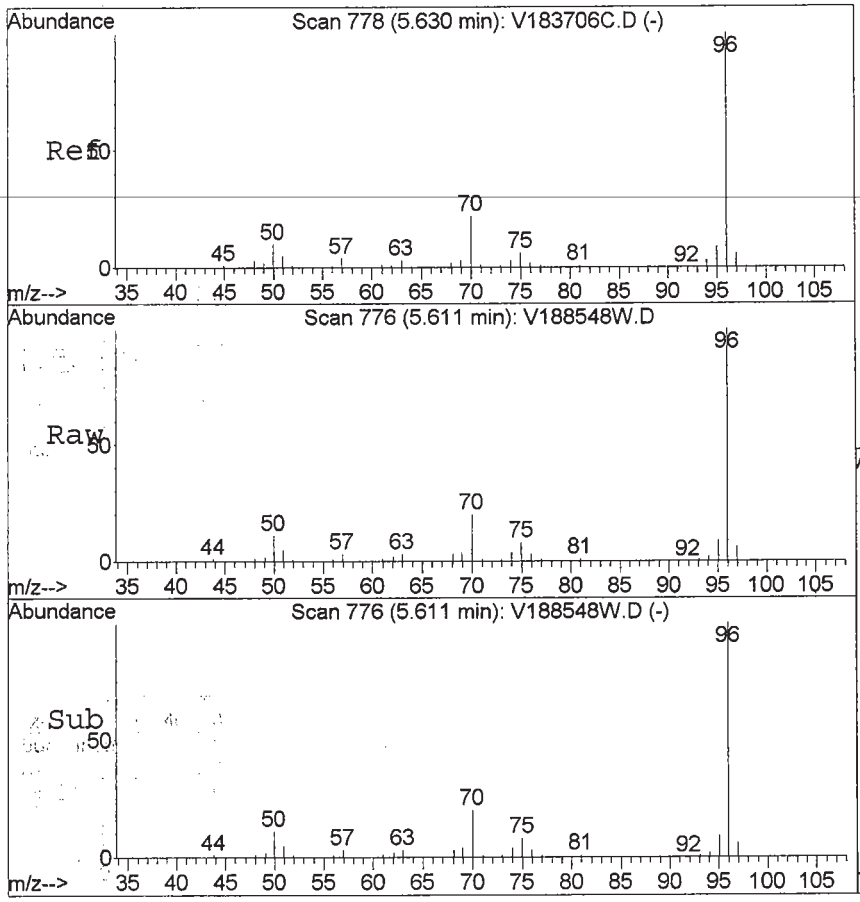
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188548W.D Vial: 35
Acq On : 27 Apr 2013 6:39 am Operator: SS
Sample : 13D0938-12 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:10 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

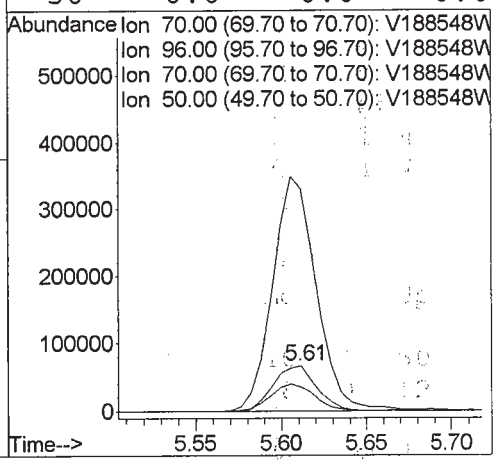


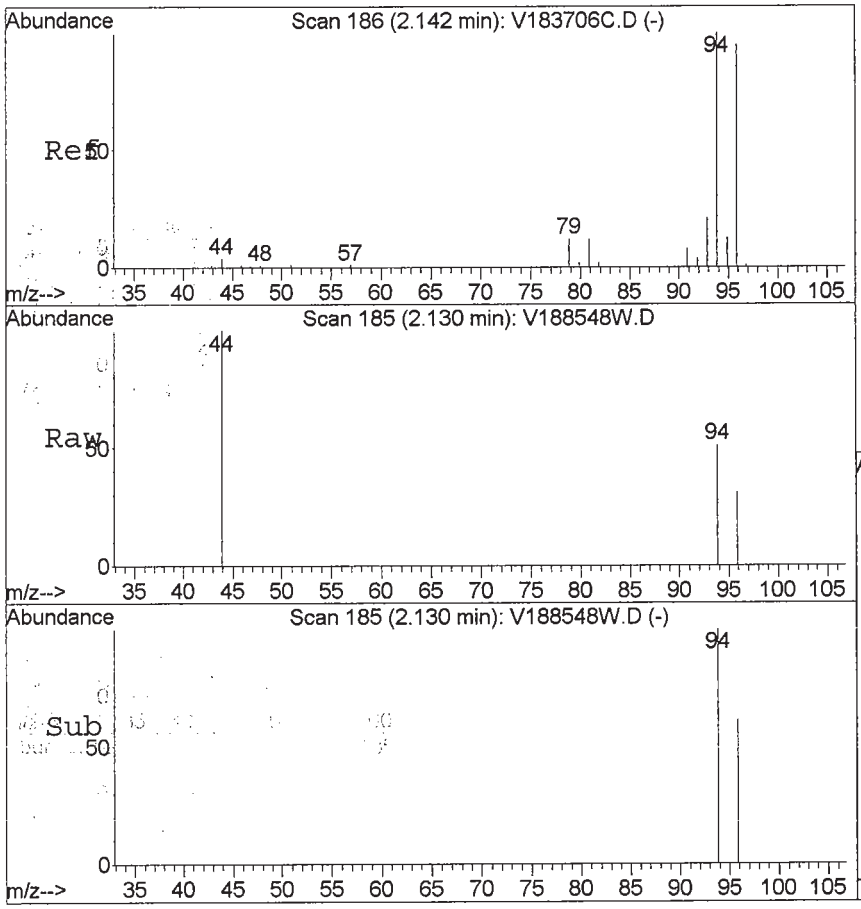


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 776
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 70 Resp: 118691

Ion	Ratio	Lower	Upper
70	100		
96	0.0	400.1	600.1#
70	100.0	80.0	120.0
50	0.0	0.0	0.0

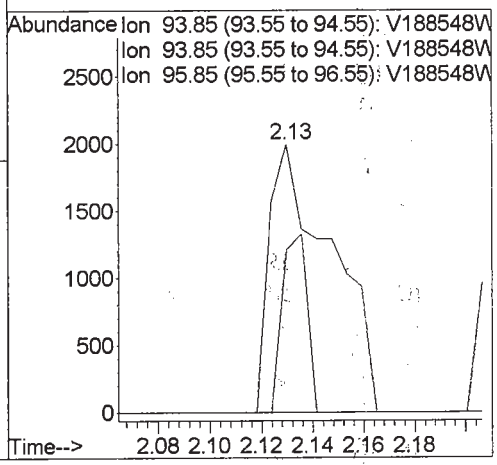


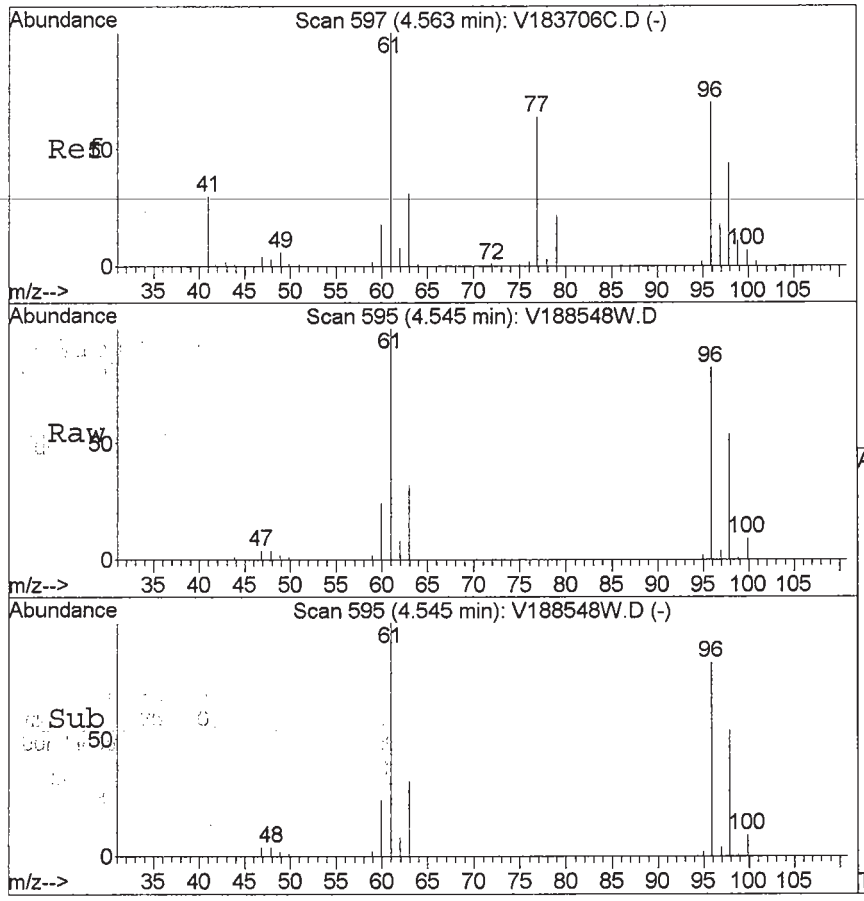


#5
Bromomethane
Concen: 0.88 ppb
RT: 2.13 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 94 Resp: 3351

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

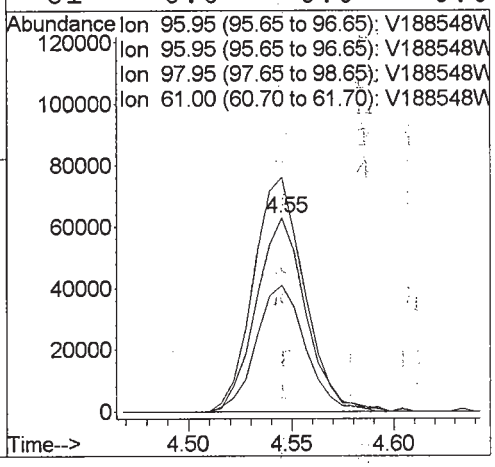


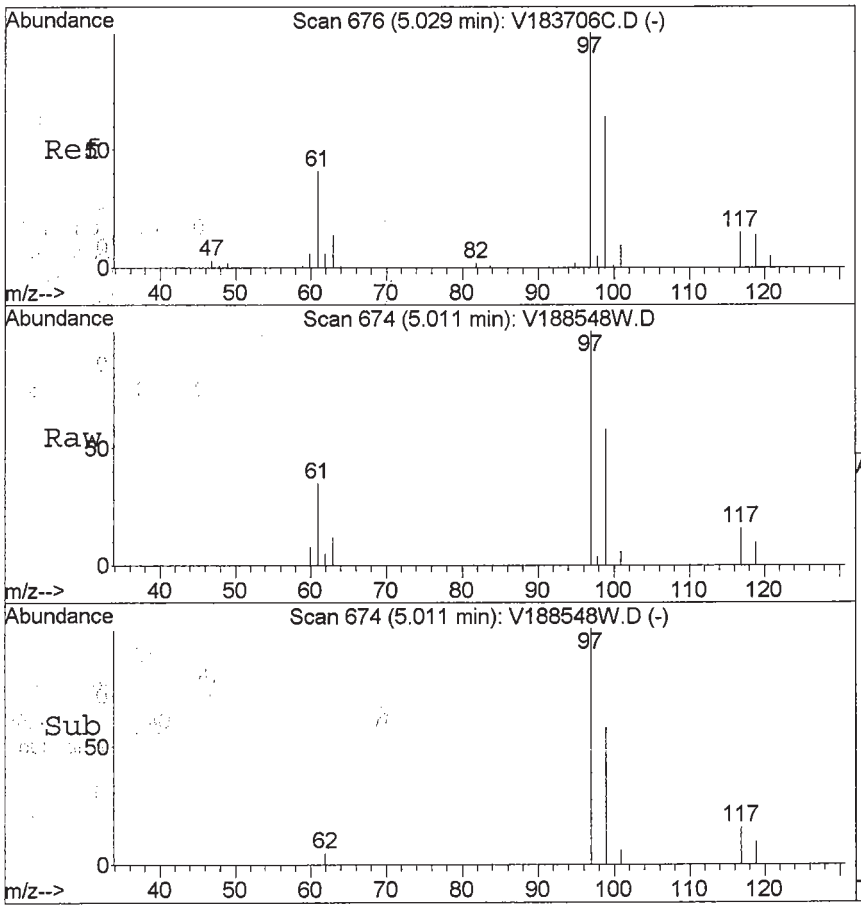


#23
cis-1,2-Dichloroethylene
Concen: 17.77 ppb
RT: 4.55 min Scan# 595
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 96 Resp: 105572

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	64.8	53.8	80.8
61	0.0	0.0	0.0

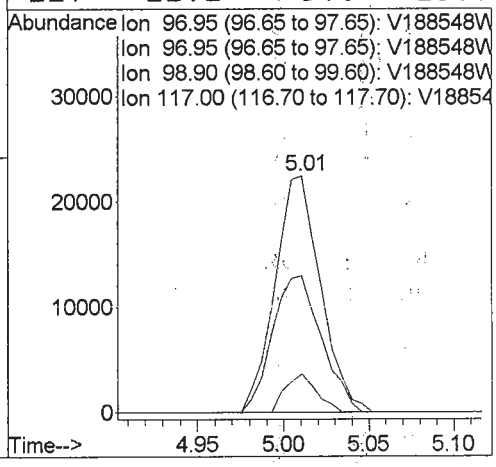


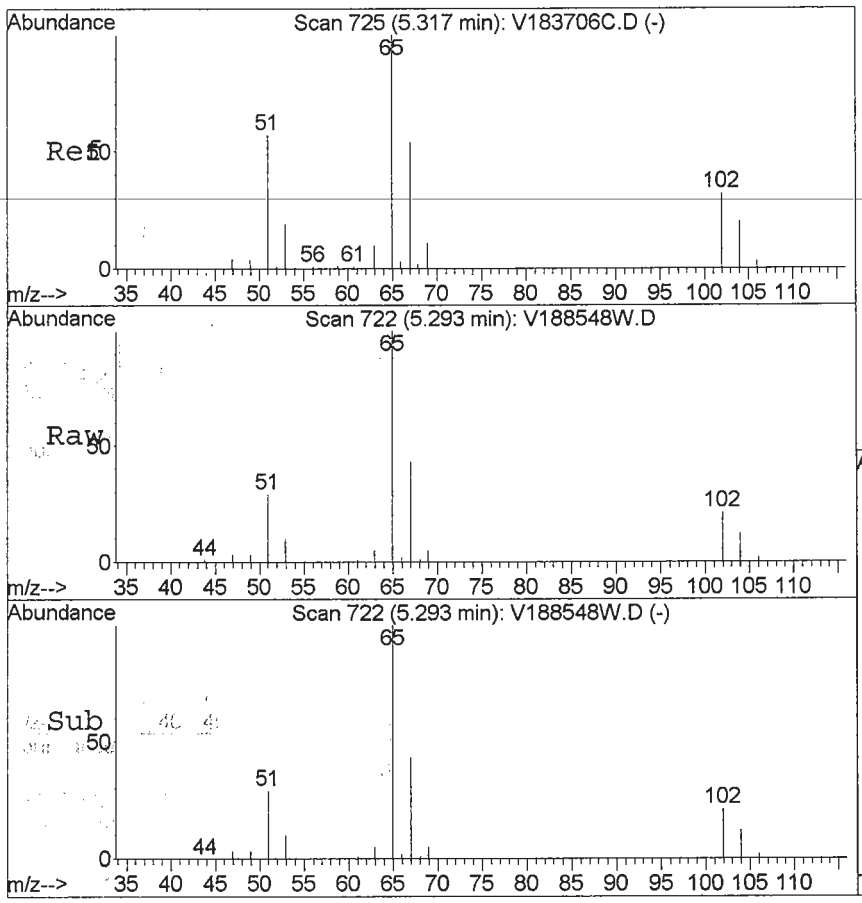


#30
1,1,1-Trichloroethane
Concen: 3.66 ppb
RT: 5.01 min Scan# 674
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 97 Resp: 41494

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	62.0	52.2	78.4
117	11.1	9.0	13.4

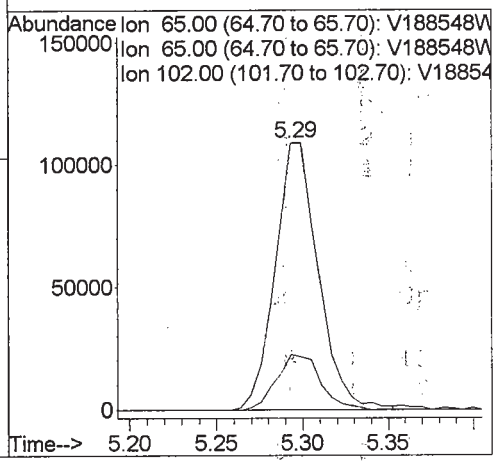


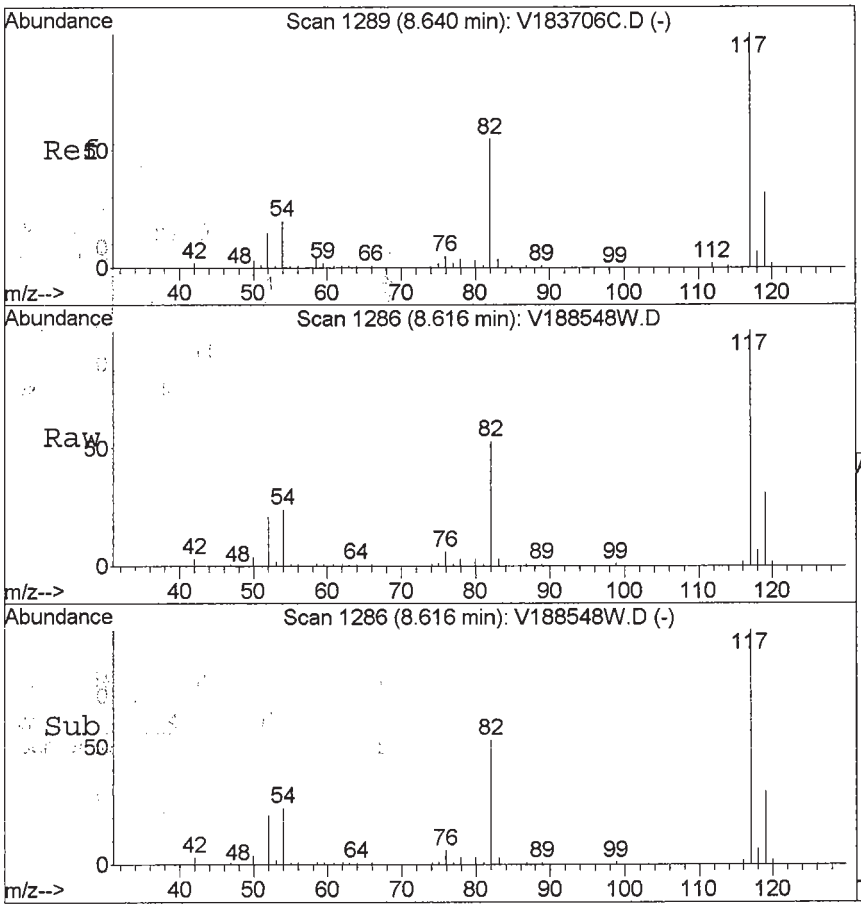


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 65 Resp: 189483

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	21.1	15.8	23.8

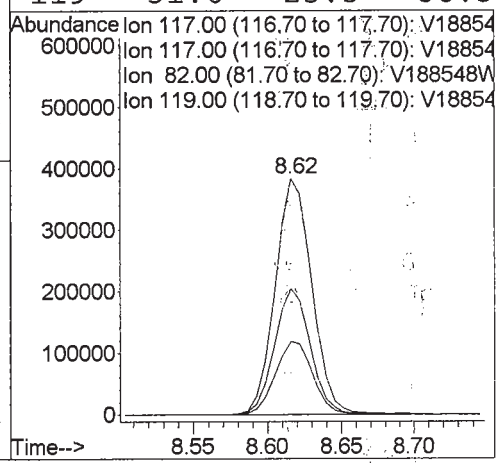


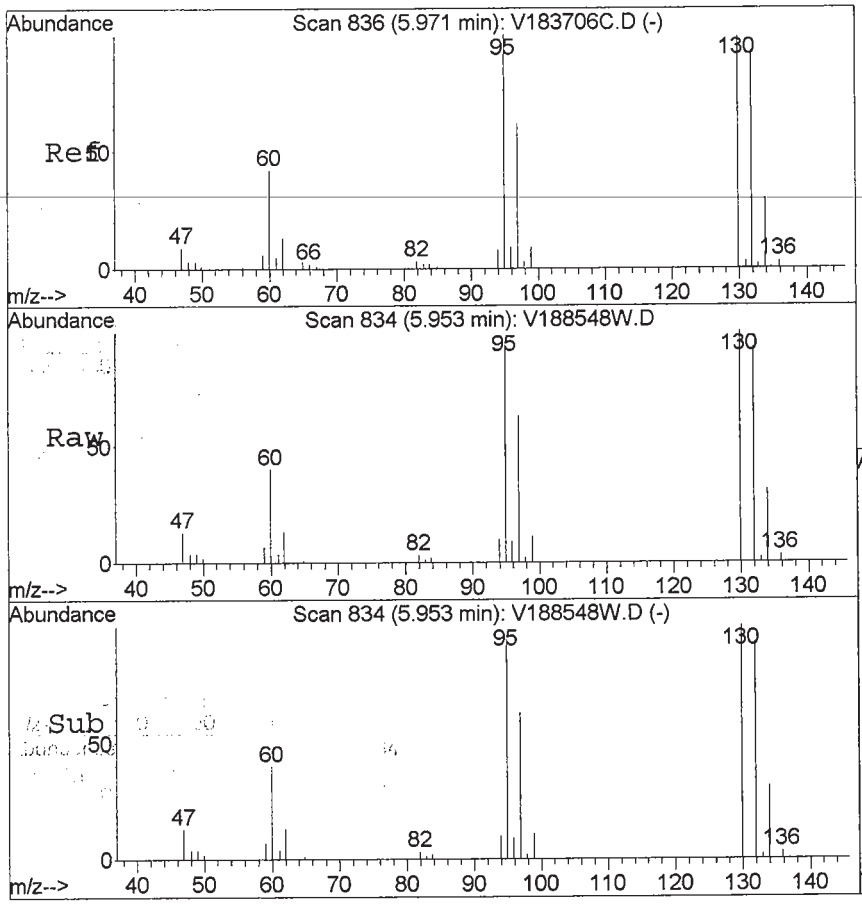


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion:117 Resp: 661904

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.6	25.5	38.3

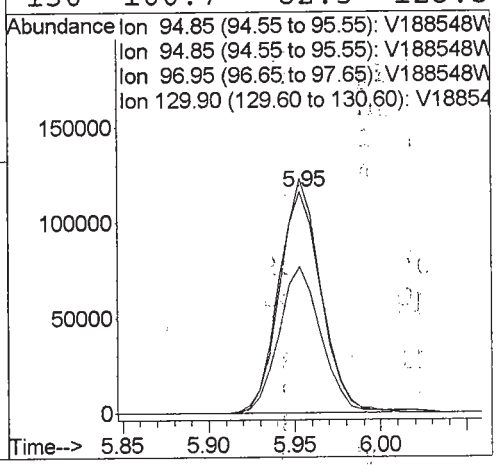


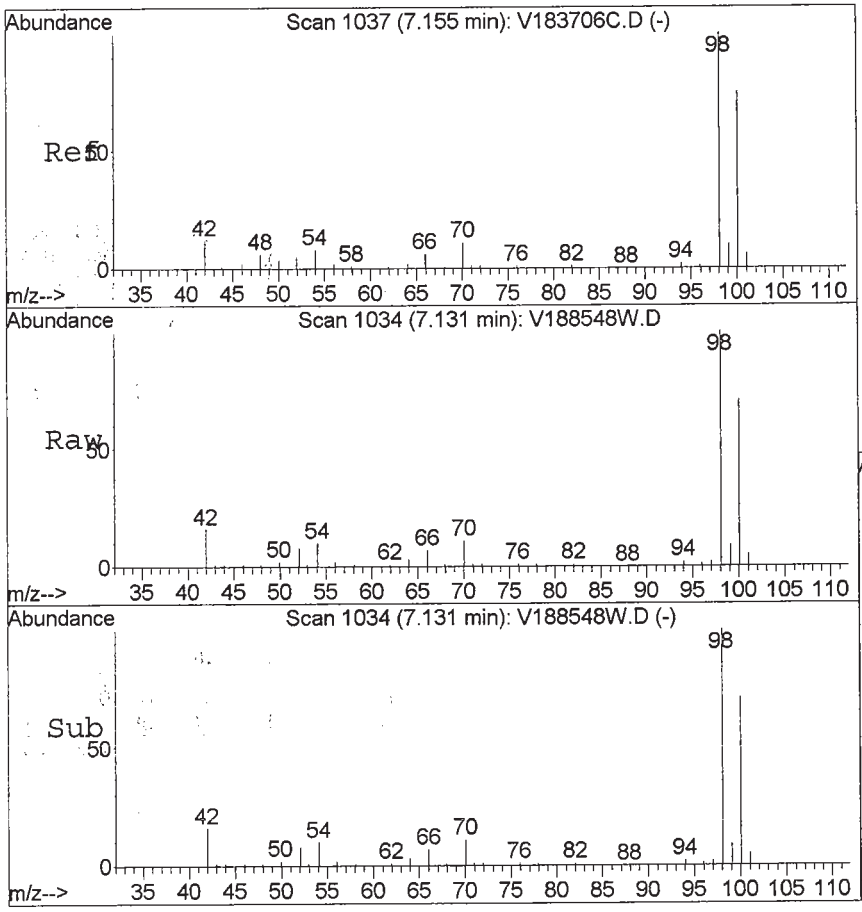


#37
Trichloroethylene
Concen: 28.27 ppb
RT: 5.95 min Scan# 834
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 95 Resp: 201296

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	65.2	53.6	80.4
130	100.7	82.3	123.5

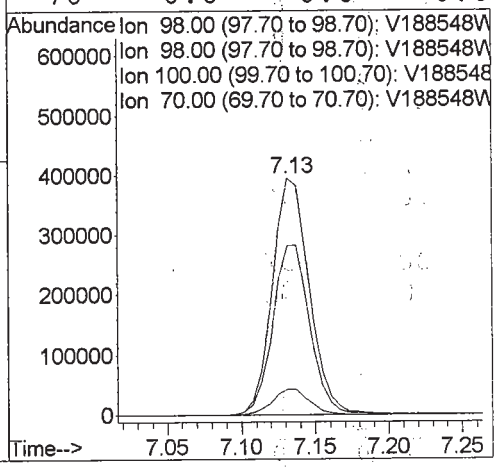


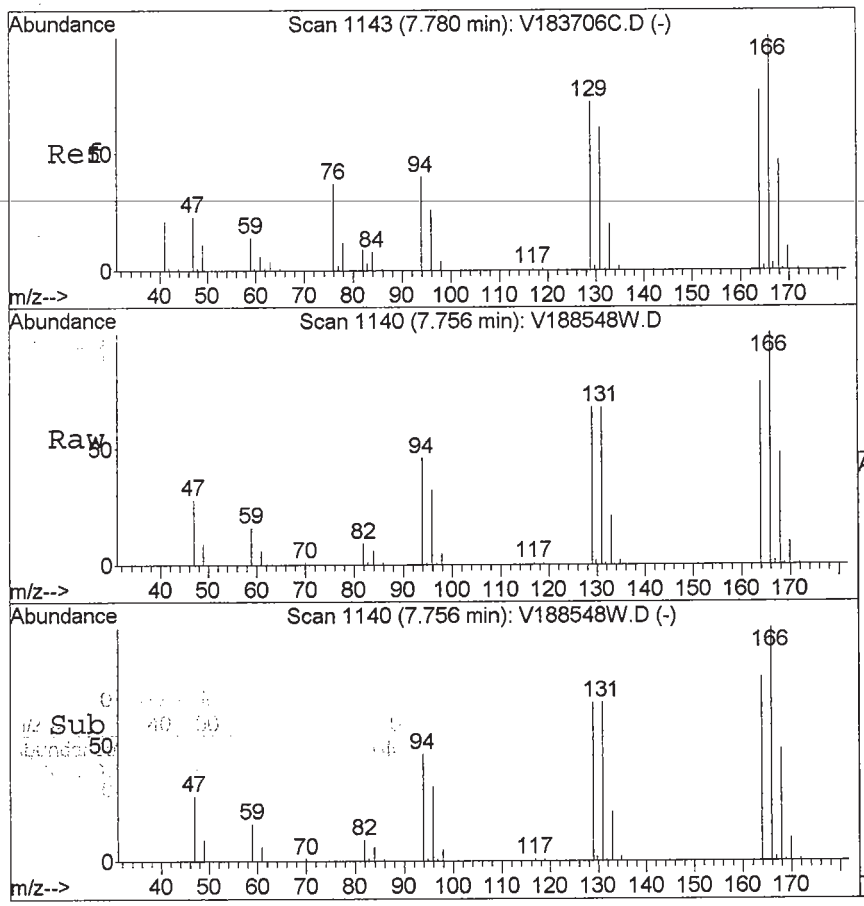


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 98 Resp: 684705

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.8	35.3	105.7
70	0.0	0.0	0.0

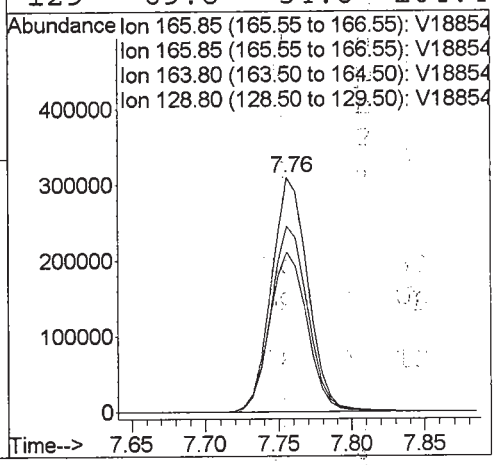


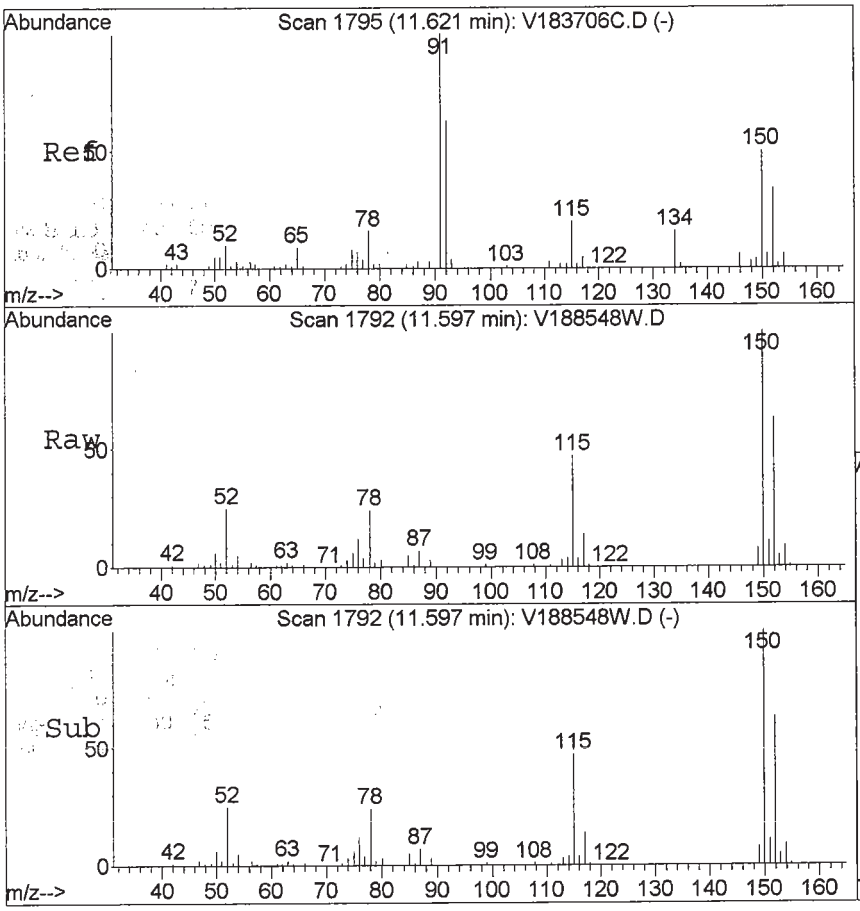


#52
Tetrachloroethylene
Concen: 67.20 ppb
RT: 7.76 min Scan# 1140
Delta R.T. -0.02 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion:166 Resp: 538613

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	79.7	39.1	117.5
129	69.8	34.8	104.4

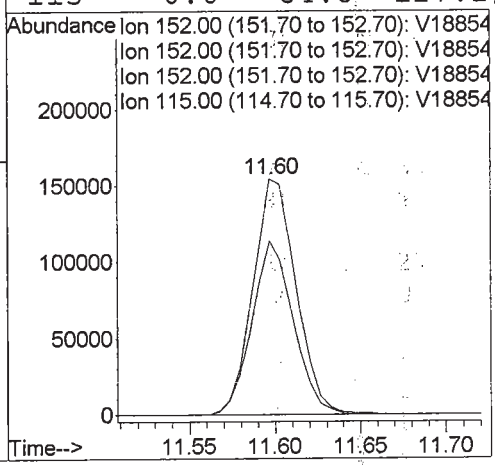


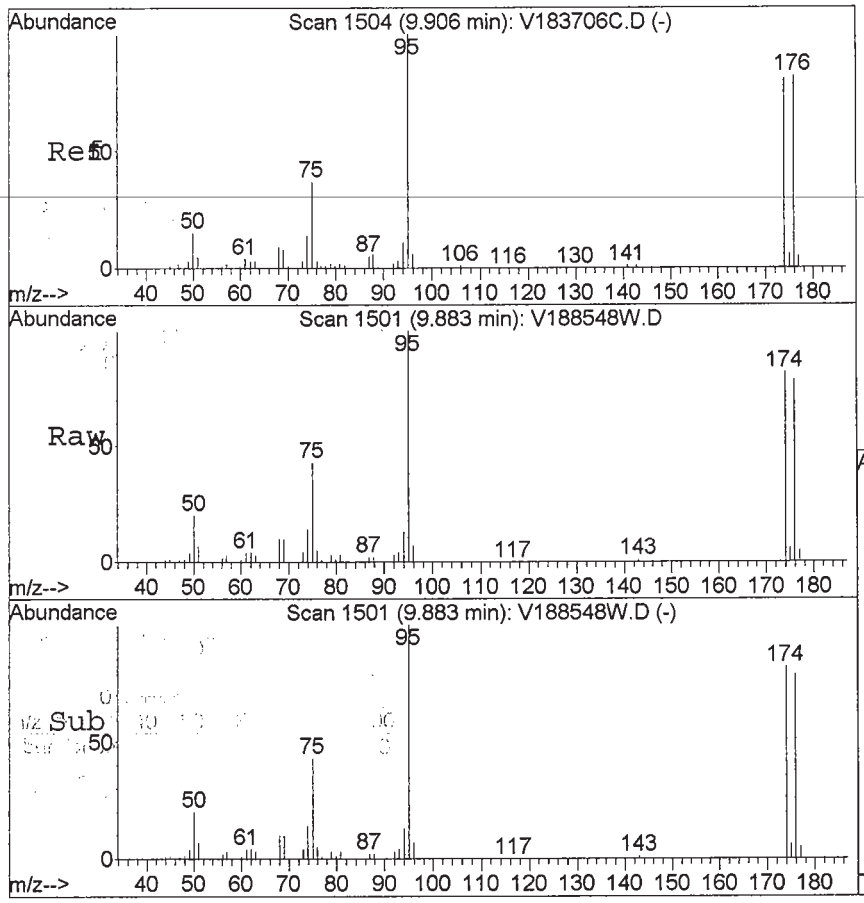


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion:152 Resp: 270293

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

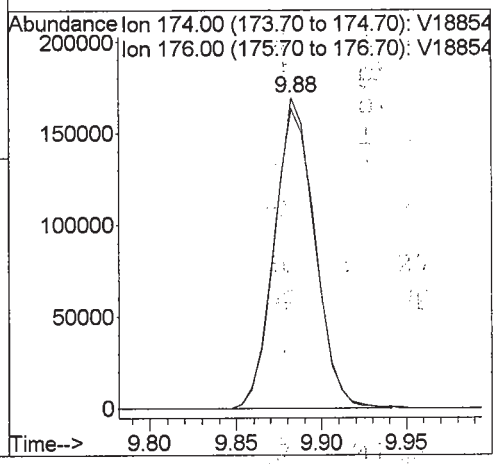




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion:174 Resp: 279160

Ion	Ratio	Lower	Upper
174	100		
176	98.2	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4C

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-13	File ID:	V188549W.D
Sampled:	04/23/13 19:35	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 07:18
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4C

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-13	File ID:	V188549W.D
Sampled:	04/23/13 19:35	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 07:18
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.5	109	72.6 - 129	
p-Bromofluorobenzene	50.0	49.4	98.8	63.5 - 145	
Toluene-d8	50.0	48.8	97.6	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188549W.D Vial: 36
Acq On : 27 Apr 2013 7:18 am Operator: SS
Sample : 13D0938-13 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

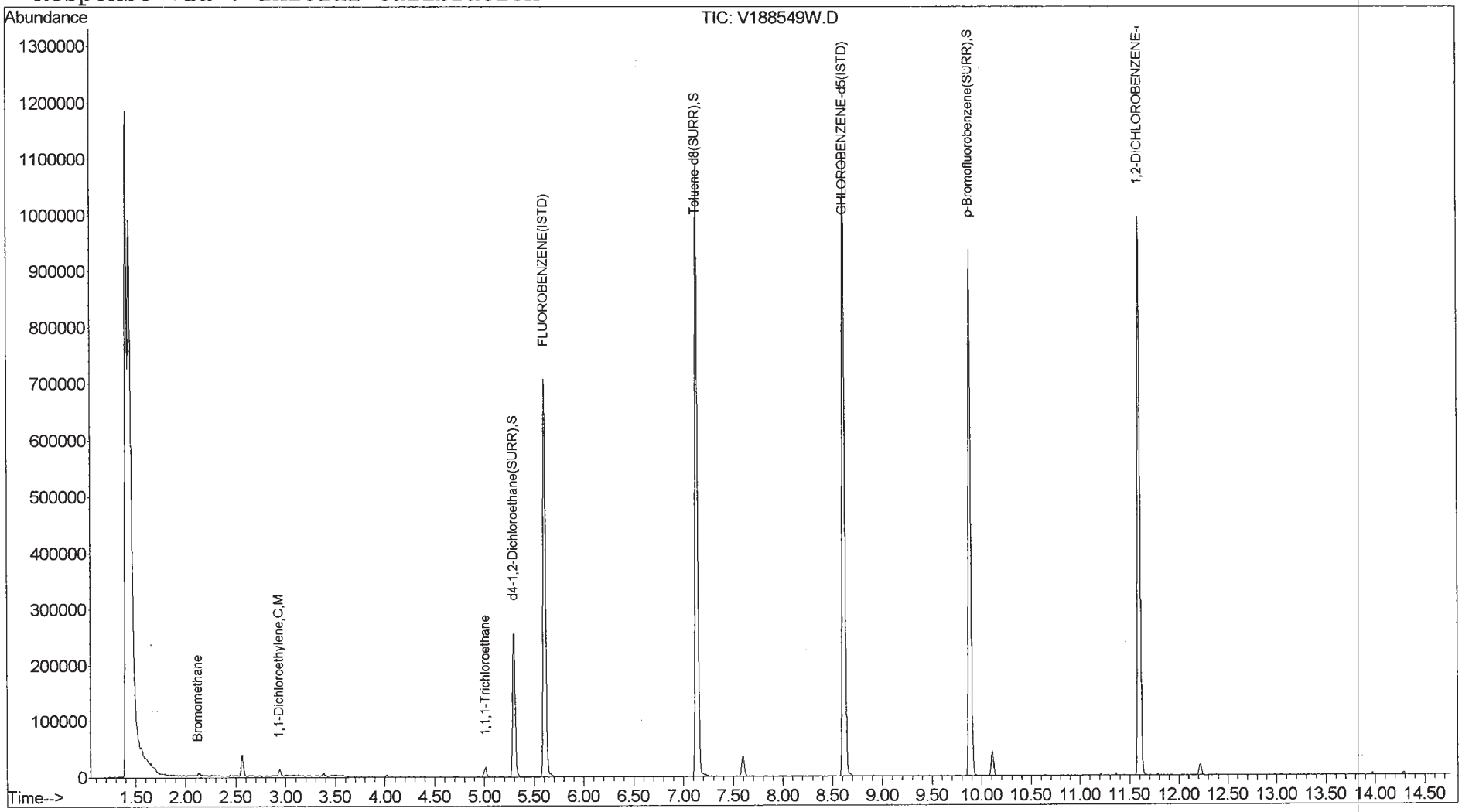
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	120352	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	670959	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	282944	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	190894	54.54	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 109.08%			
47) Toluene-d8(SURR)	7.13	98	701919	48.80	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.60%			
64) p-Bromofluorobenzene(SURR)	9.88	174	282416	49.38	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.76%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	3556	0.92	ppb	# 83
10) 1,1-Dichloroethylene	2.94	61	7052	0.90	ppb	97
30) 1,1,1-Trichloroethane	5.01	97	13655	1.19	ppb	# 68

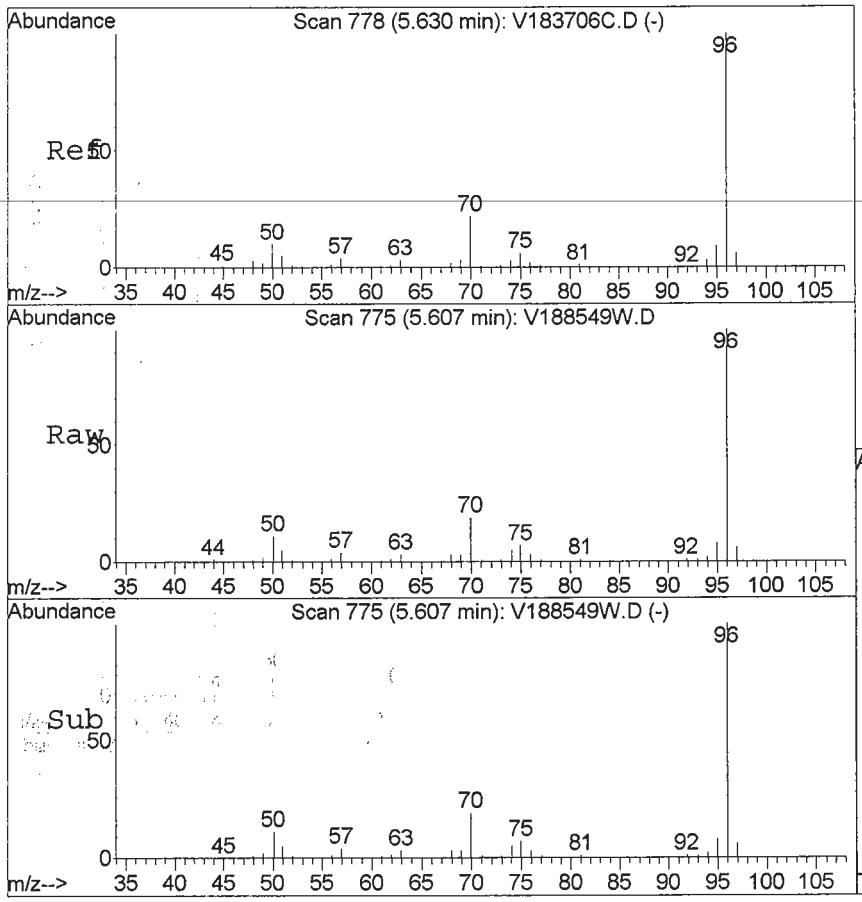
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188549W.D Vial: 36
Acq On : 27 Apr 2013 7:18 am Operator: SS
Sample : 13D0938-13 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

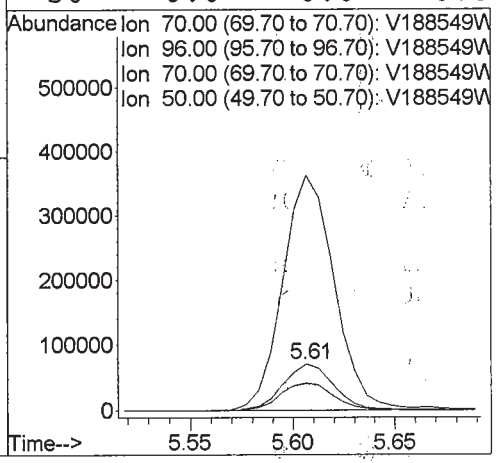


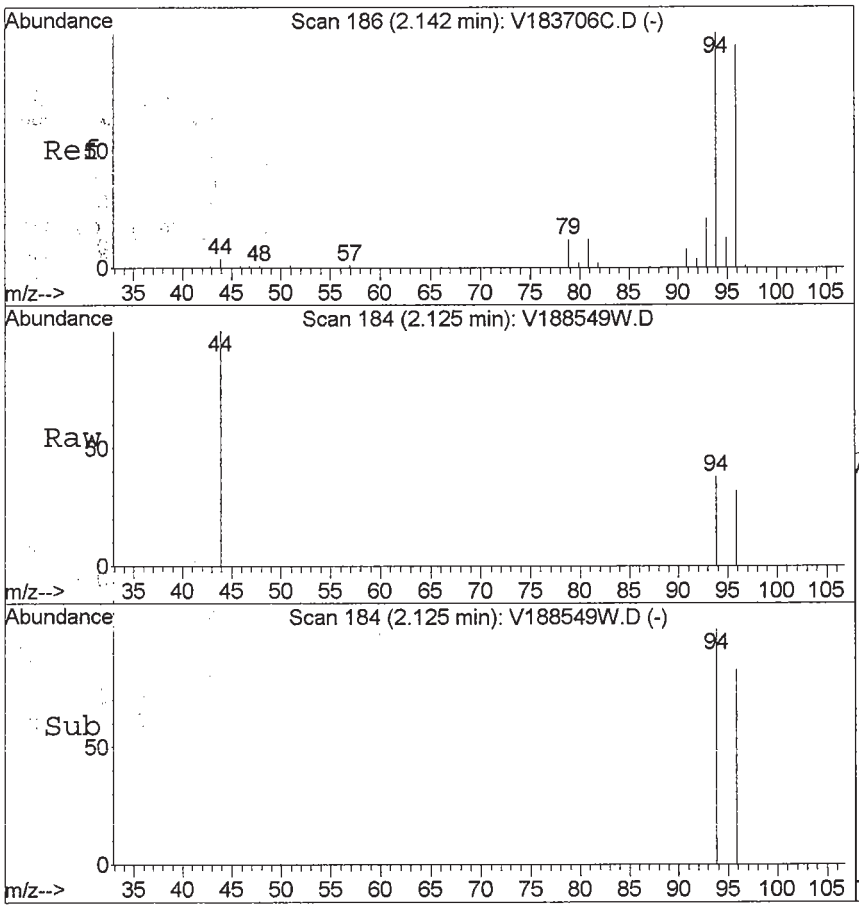


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 70 Resp: 120352

Ion	Ratio	Lower	Upper
70	100		
96	526.7	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

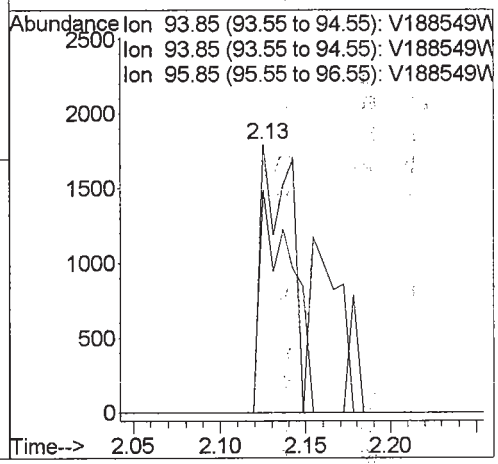


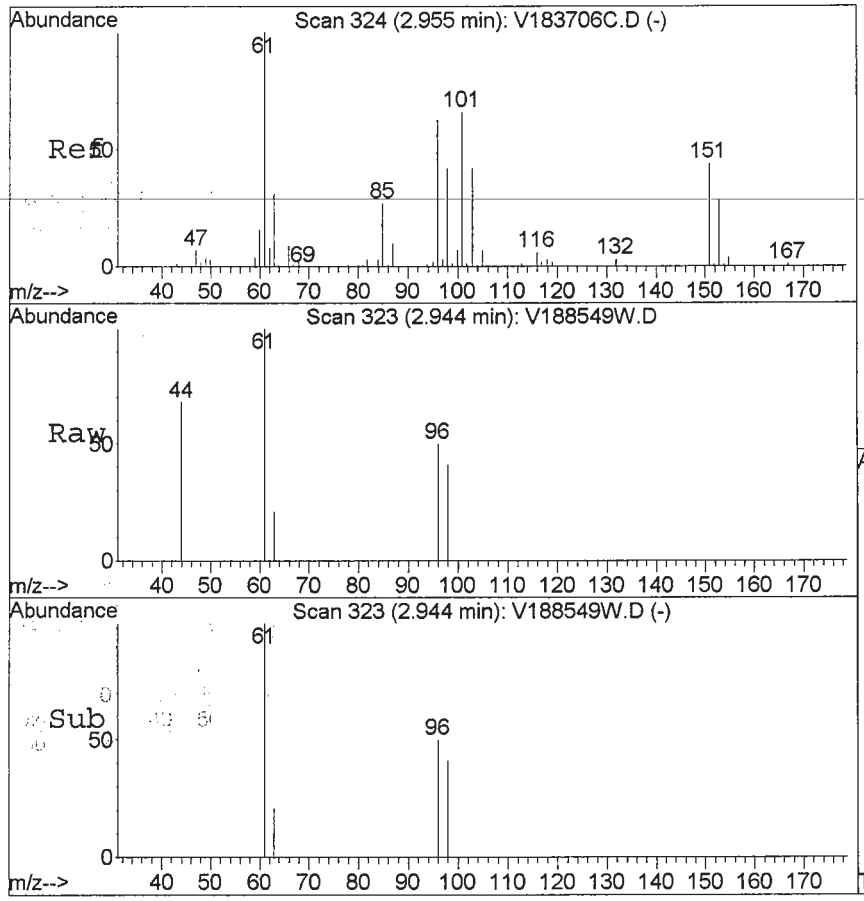


#5
Bromomethane
Concen: 0.92 ppb
RT: 2.13 min Scan# 184
Delta R.T. -0.02 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 94 Resp: 3556

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	62.2	77.5	116.3#

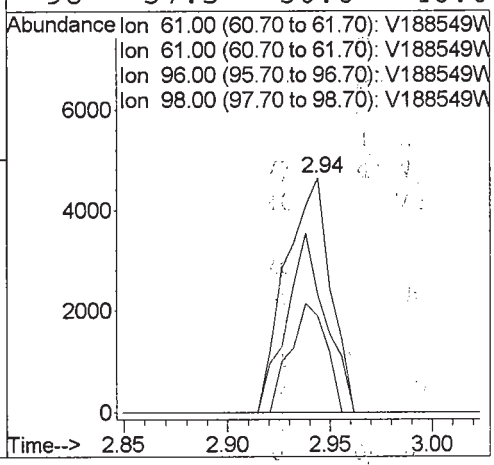


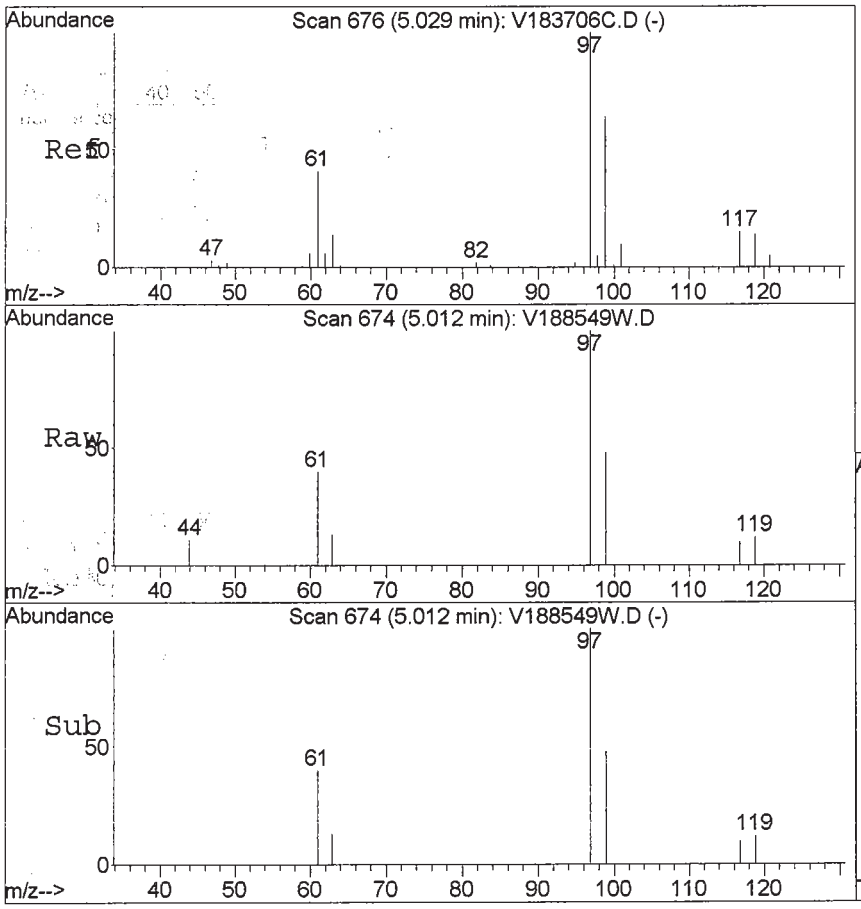


#10
1,1-Dichloroethylene
Concen: 0.90 ppb
RT: 2.94 min Scan# 323
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 61 Resp: 7052

Ion	Ratio	Lower	Upper
61	100		
61	100.0	80.0	120.0
96	66.4	46.8	70.2
98	37.5	30.6	46.0

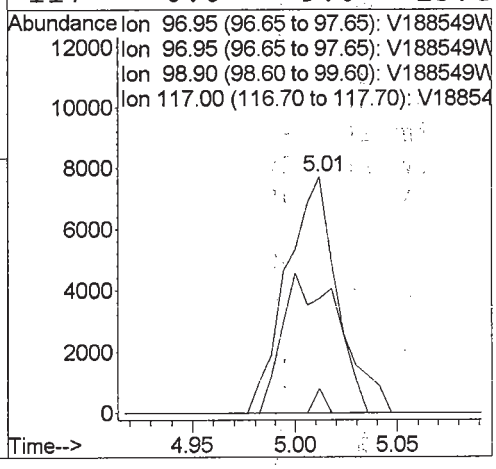


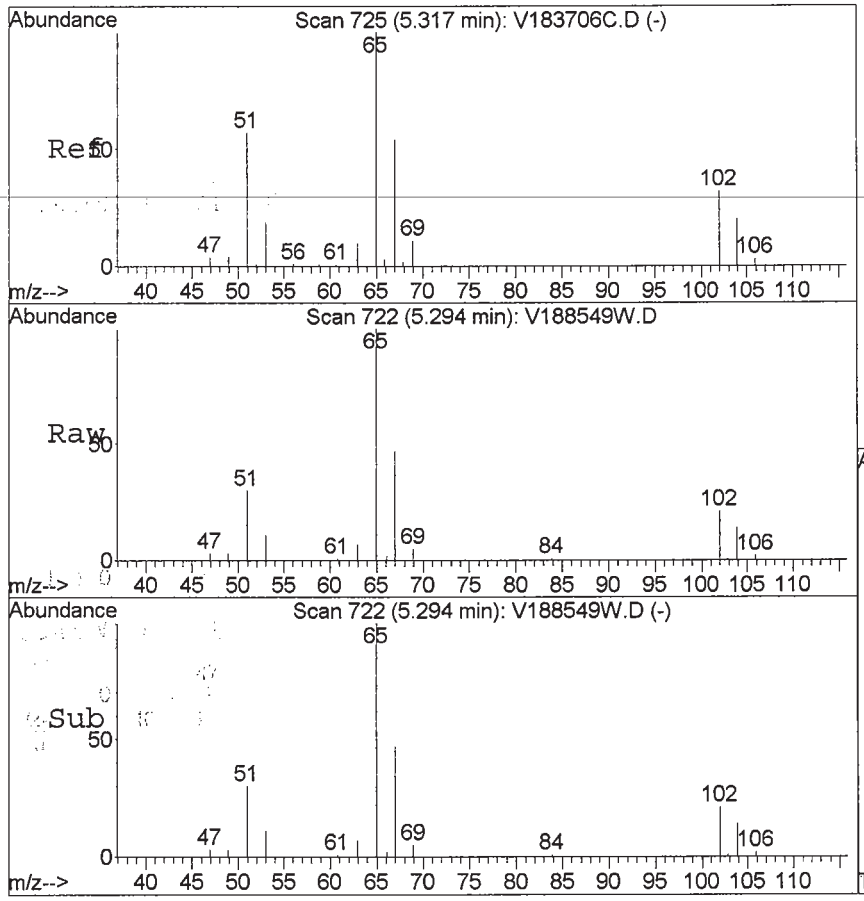


#30
1,1,1-Trichloroethane
Concen: 1.19 ppb
RT: 5.01 min Scan# 674
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 97 Resp: 13655

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	0.0	52.2	78.4#
117	0.0	9.0	13.4#

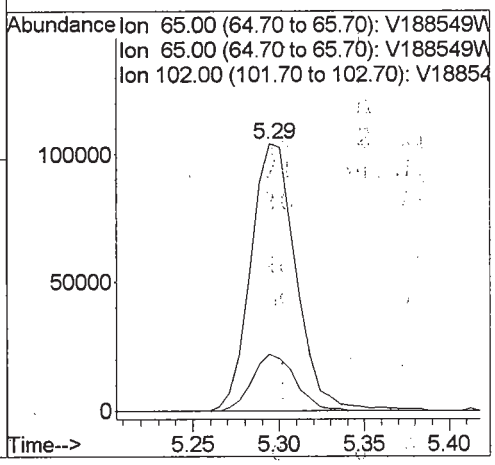


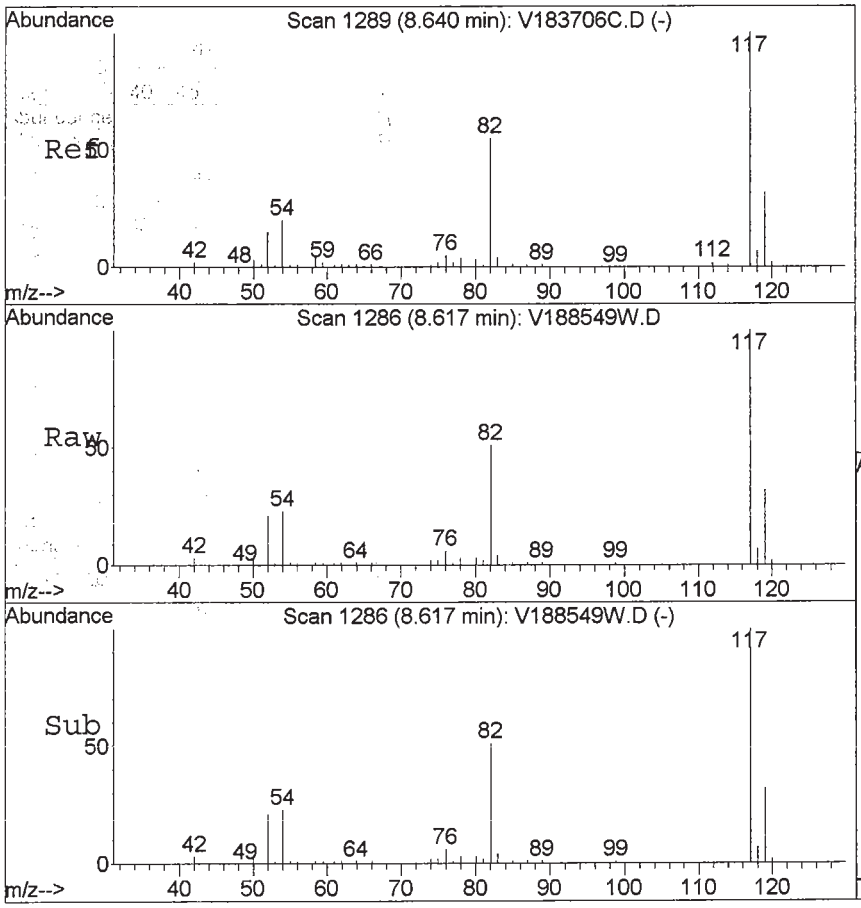


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 65 Resp: 190894

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.2	15.8	23.8

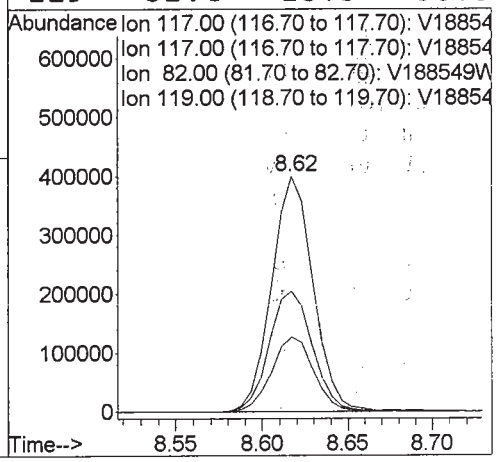


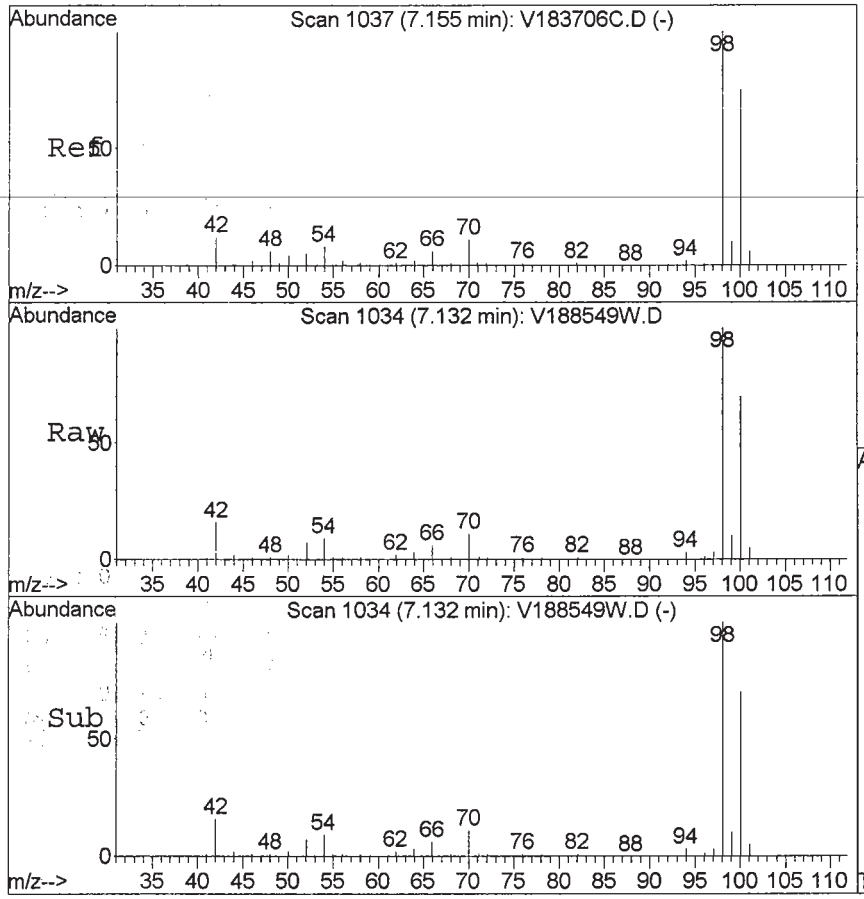


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion:117 Resp: 670959

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.4	25.5	38.3

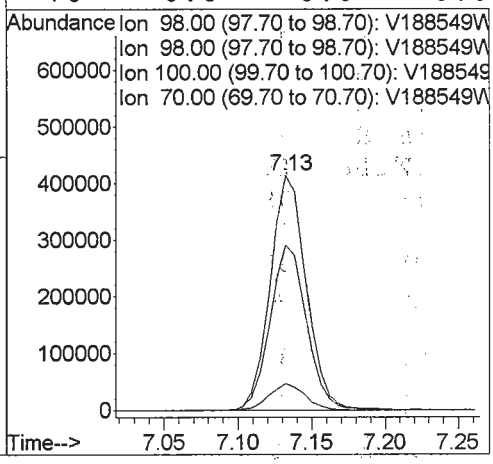


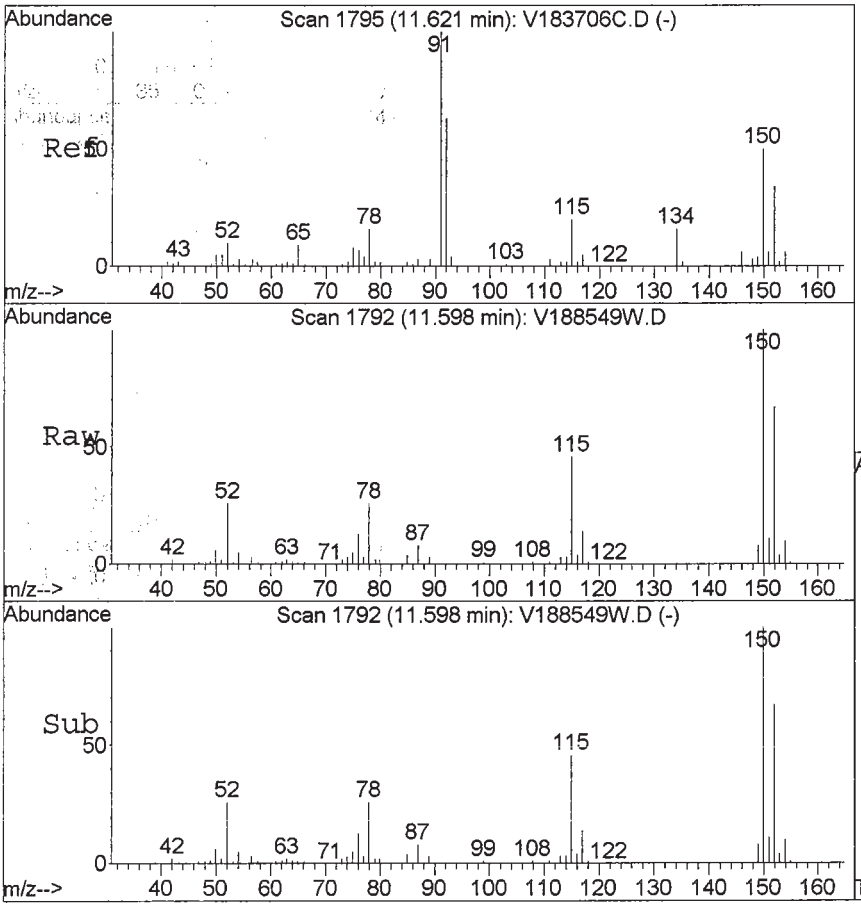


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 98 Resp: 701919

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.0	35.3	105.7
70	0.0	0.0	0.0

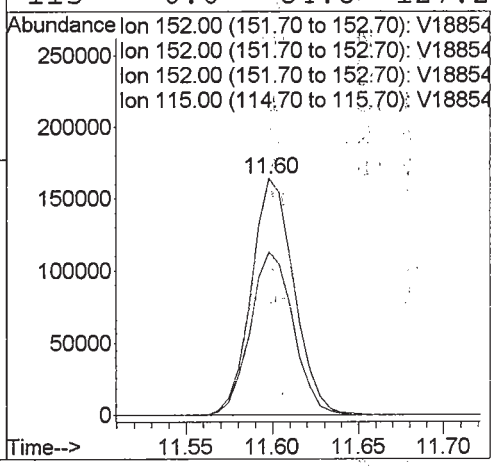


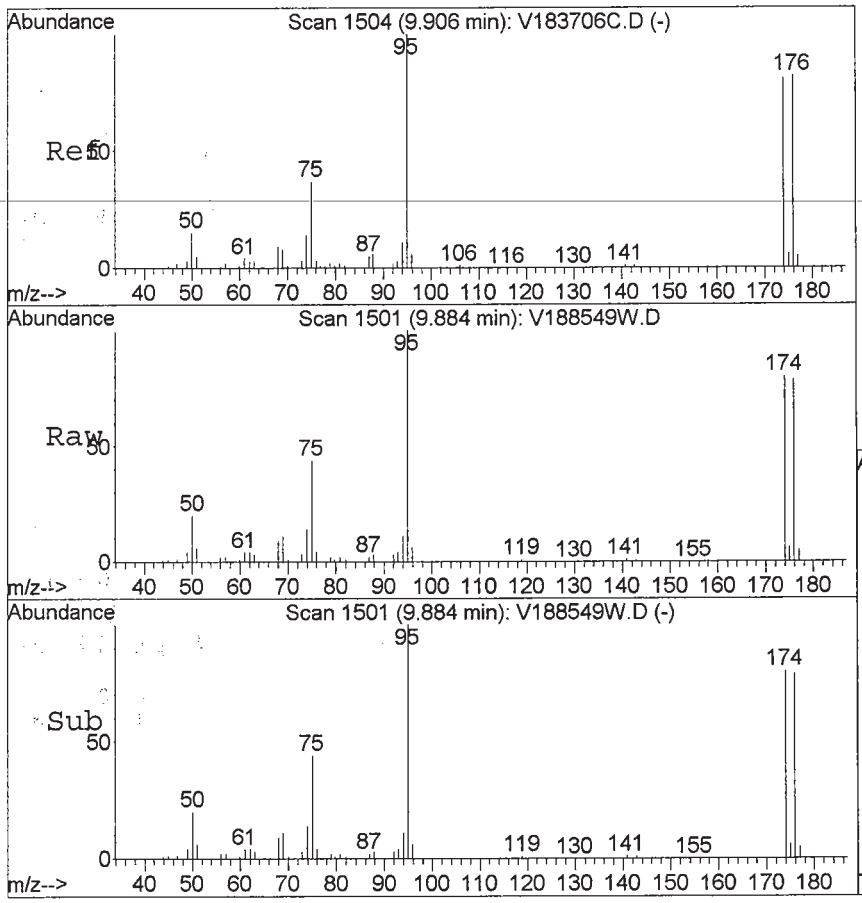


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion:152 Resp: 282944

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

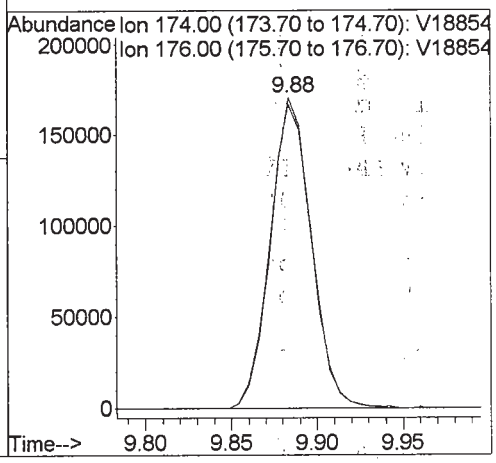




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion:174 Resp: 282416

Ion	Ratio	Lower	Upper
174	100		
176	98.5	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-5A**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-14	File ID:	V188550W.D
Sampled:	04/23/13 09:15	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 07:57
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-5A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-14	File ID:	V188550W.D
Sampled:	04/23/13 09:15	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 07:57
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	9.7	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.6	113	72.6 - 129	
p-Bromofluorobenzene	50.0	49.7	99.5	63.5 - 145	
Toluene-d8	50.0	47.6	95.3	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188550W.D Vial: 37
Acq On : 27 Apr 2013 7:57 am Operator: SS
Sample : 13D0938-14 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

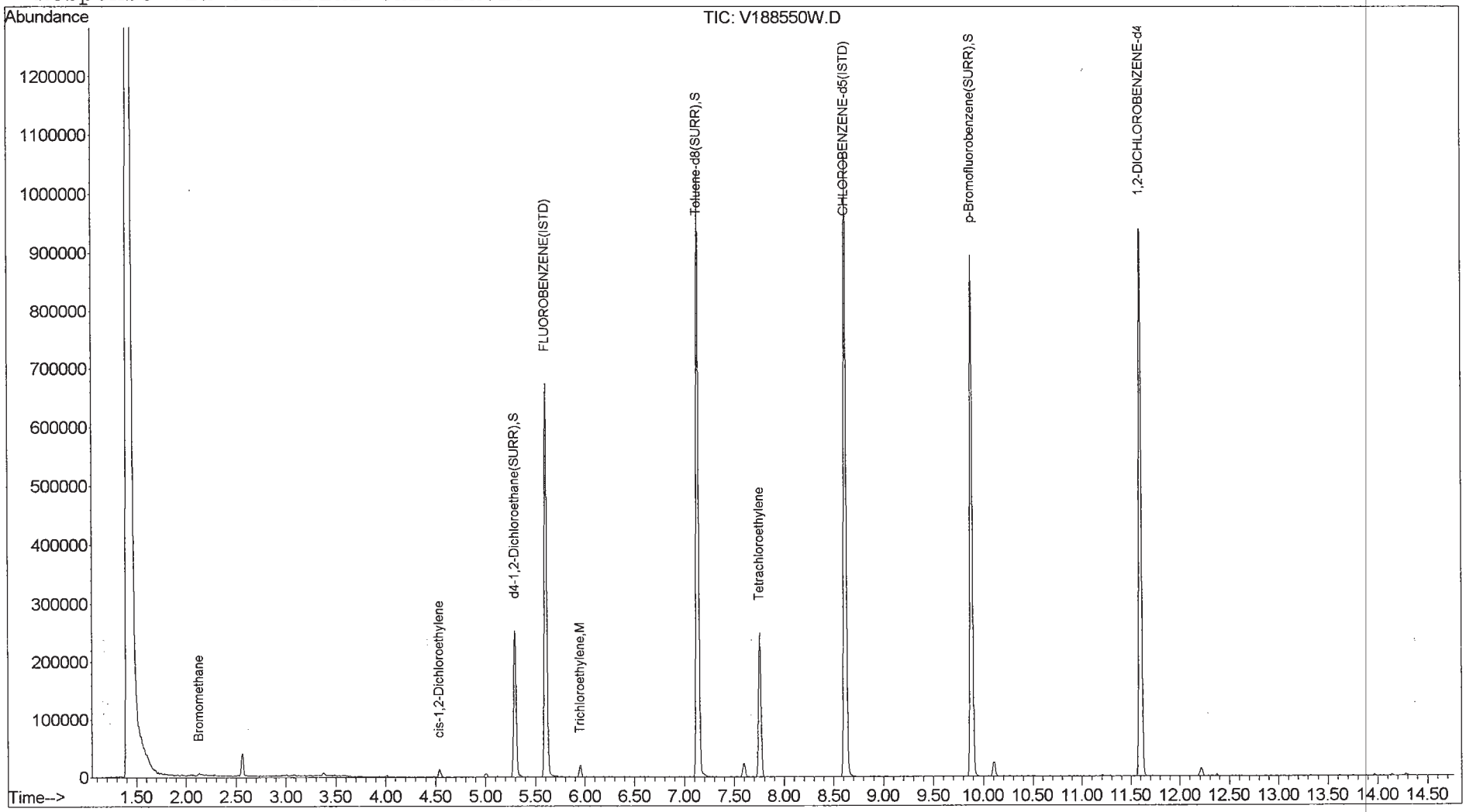
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	113057	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	648884	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	274383	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	186022	56.58	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 113.16%			
47) Toluene-d8(SURR)	7.13	98	662885	47.65	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.30%			
64) p-Bromofluorobenzene(SURR)	9.88	174	275852	49.74	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.48%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	4750	1.31	ppb	# 51
23) cis-1,2-Dichloroethylene	4.54	96	5955	1.05	ppb	# 97
37) Trichloroethylene	5.95	95	7317	1.05	ppb	98
52) Tetrachloroethylene	7.76	166	75943	9.66	ppb	98

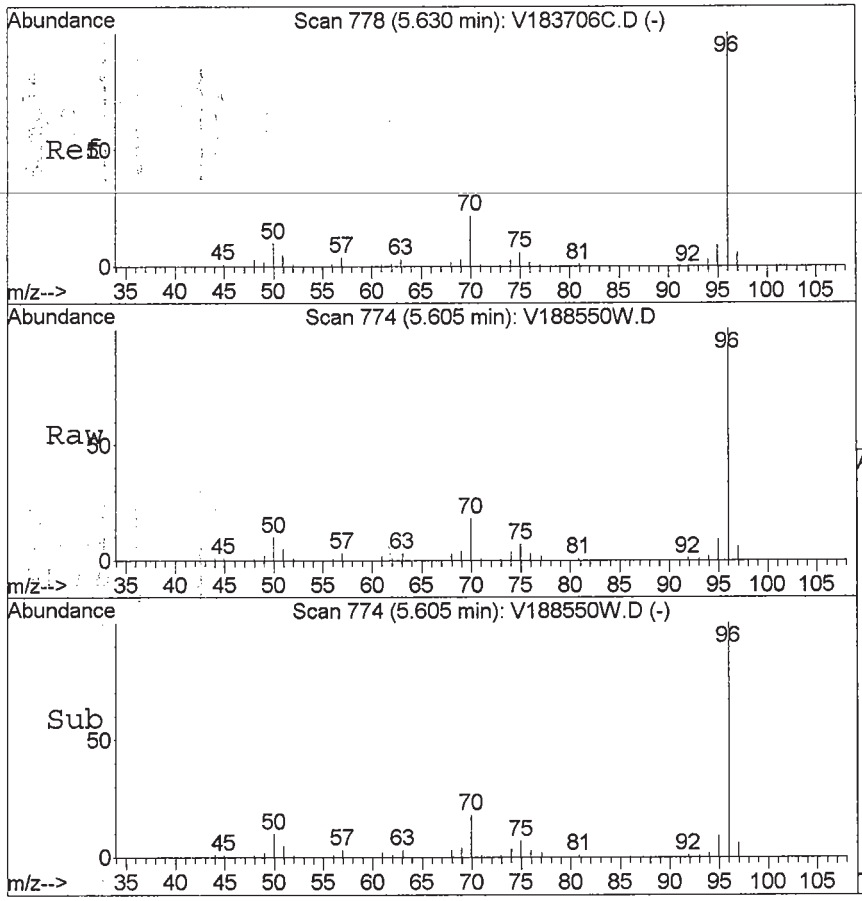
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188550W.D Vial: 37
Acq On : 27 Apr 2013 7:57 am Operator: SS
Sample : 13D0938-14 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

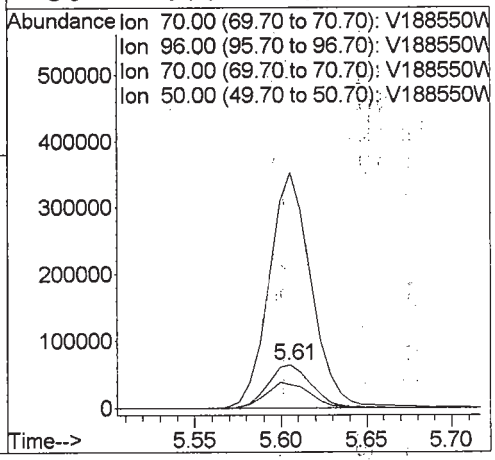


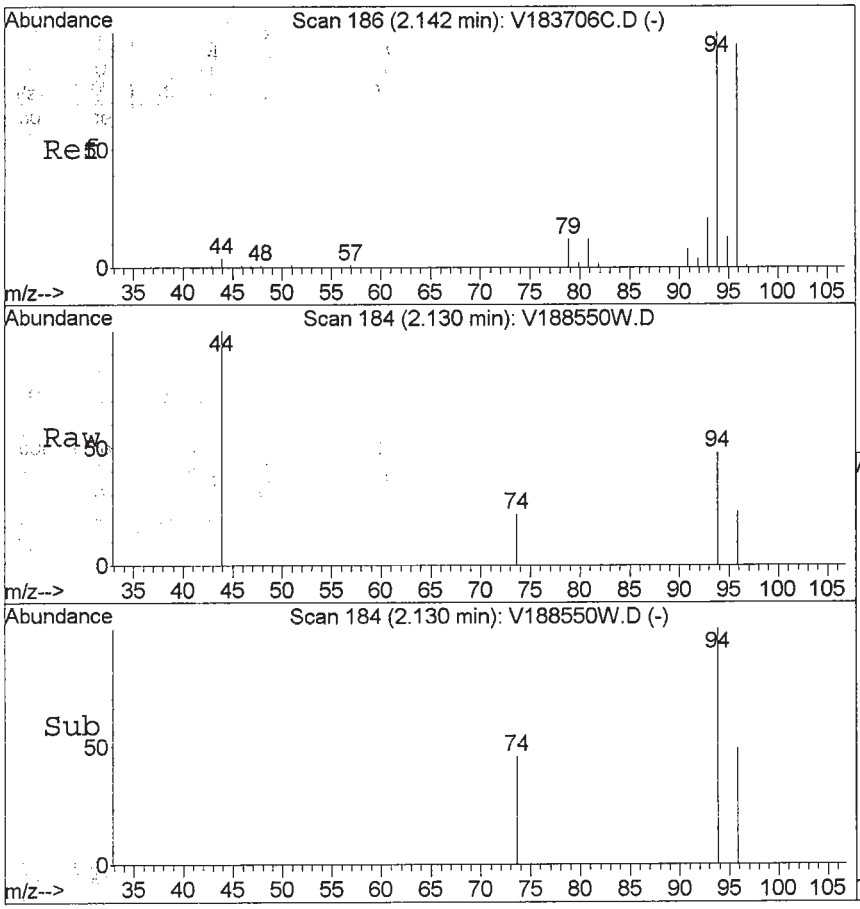


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 70 Resp: 113057

Ion	Ratio	Lower	Upper
70	100		
96	528.6	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

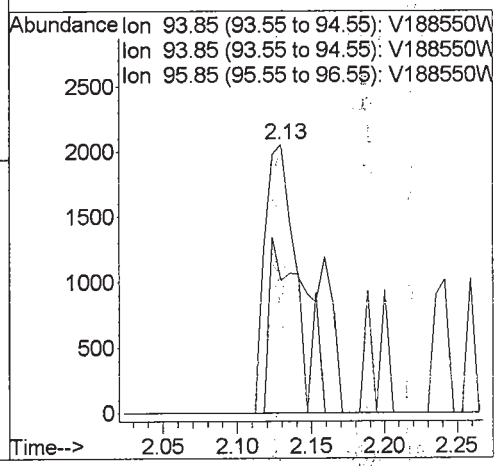


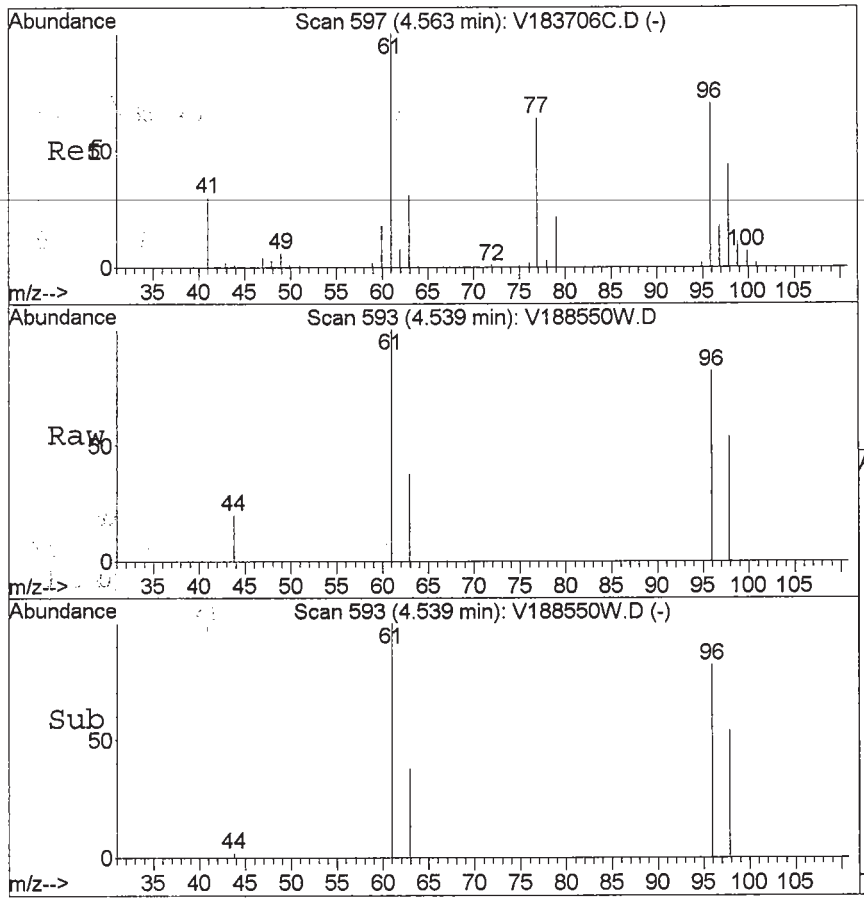


#5
Bromomethane
Concen: 1.31 ppb
RT: 2.13 min Scan# 184
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 94 Resp: 4750

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

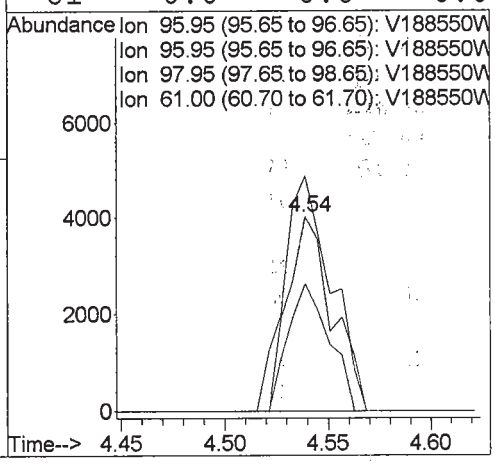


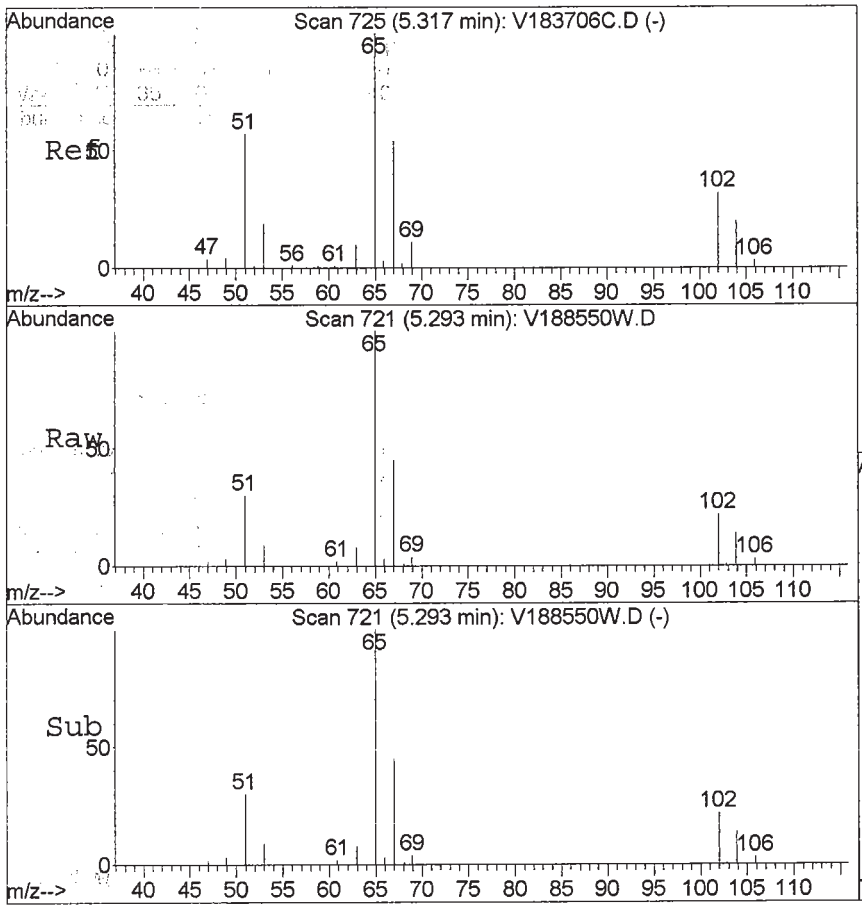


#23
cis-1,2-Dichloroethylene
Concen: 1.05 ppb
RT: 4.54 min Scan# 593
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 96 Resp: 5955

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	60.8	53.8	80.8
61	0.0	0.0	0.0

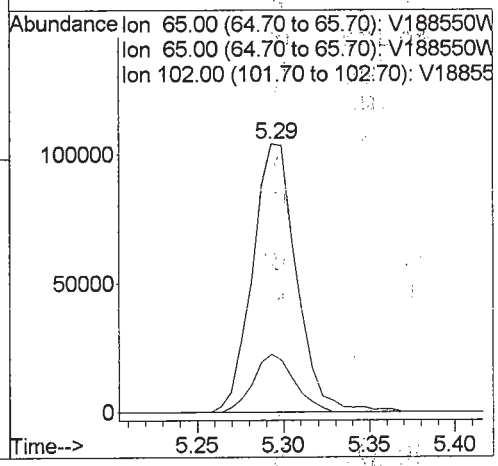


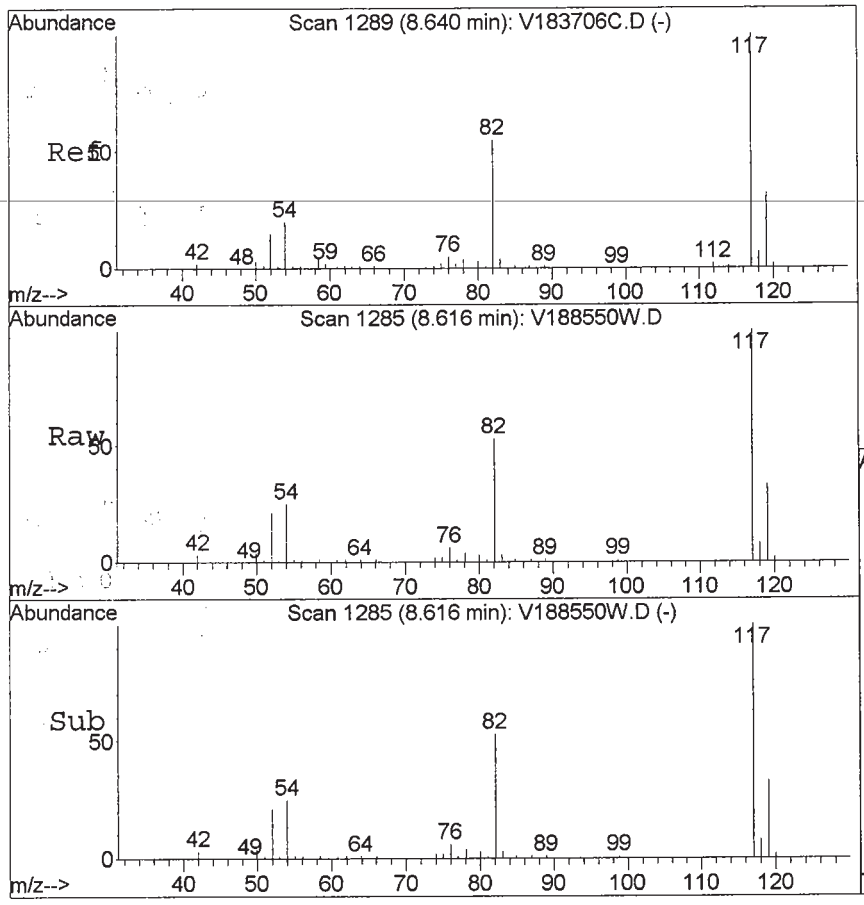


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 65 Resp: 186022

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.2	15.8	23.8

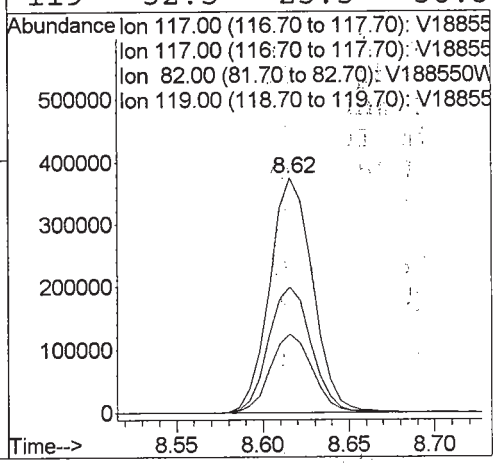


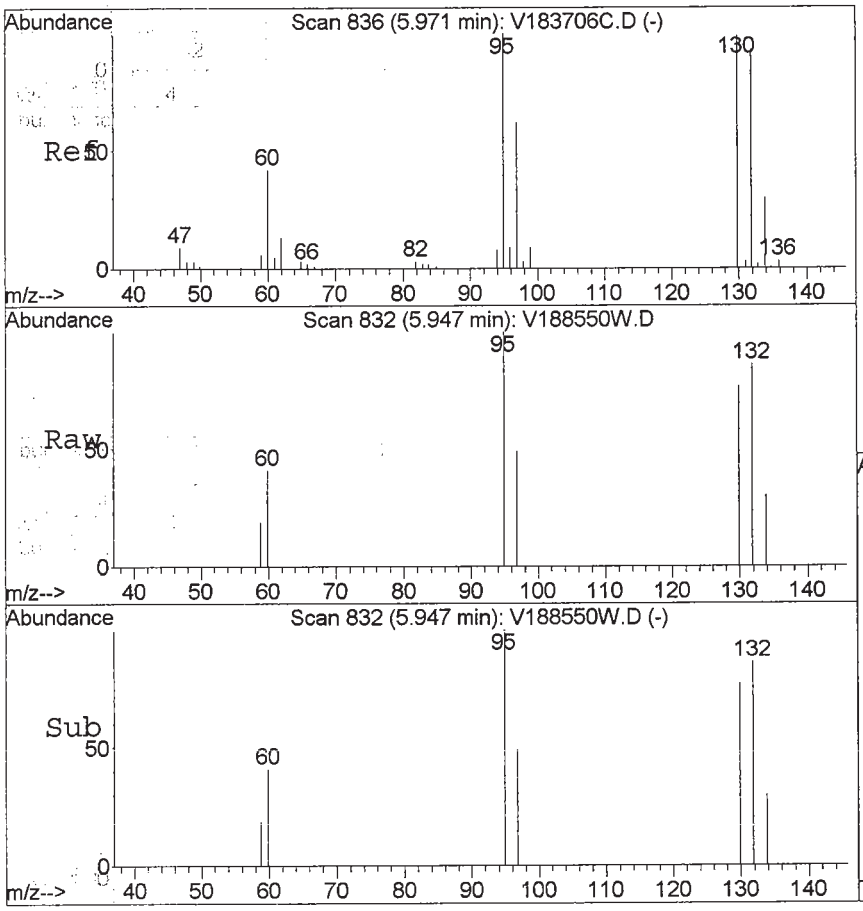


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion:117 Resp: 648884

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.5	25.5	38.3

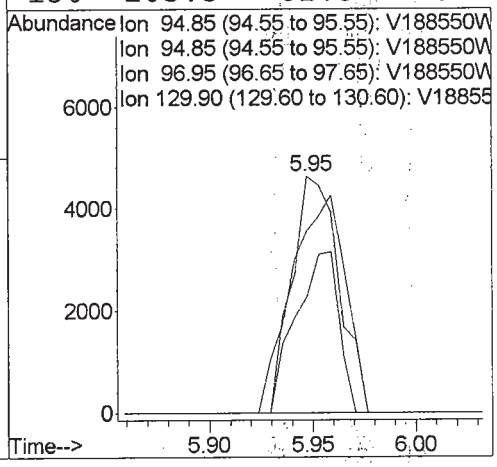


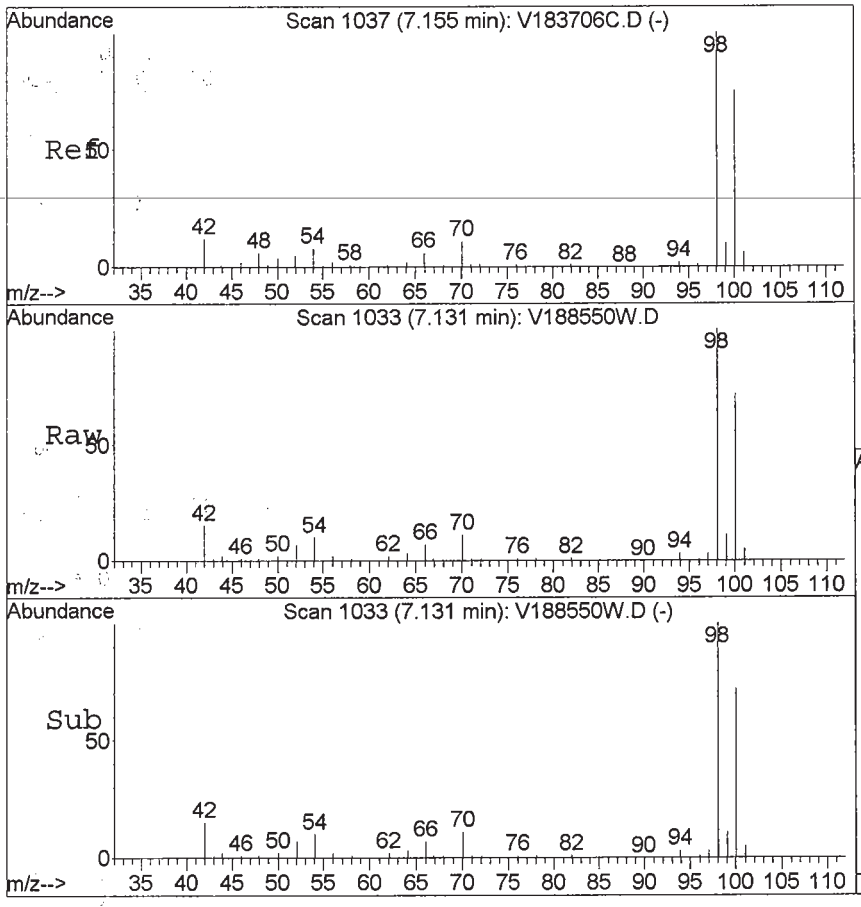


#37
Trichloroethylene
Concen: 1.05 ppb
RT: 5.95 min Scan# 832
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 95 Resp: 7317

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	62.0	53.6	80.4
130	105.3	82.3	123.5

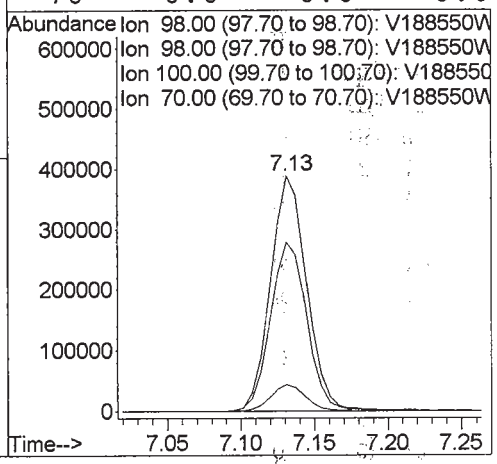


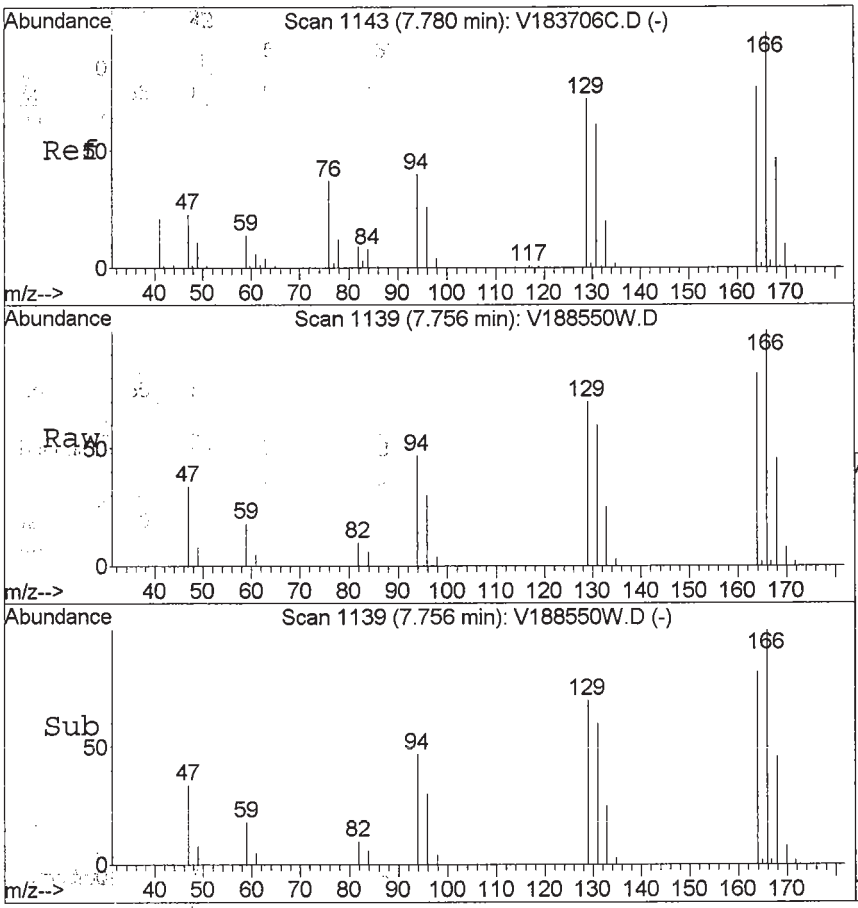


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1033
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 98 Resp: 662885

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	72.2	35.3	105.7
70	0.0	0.0	0.0

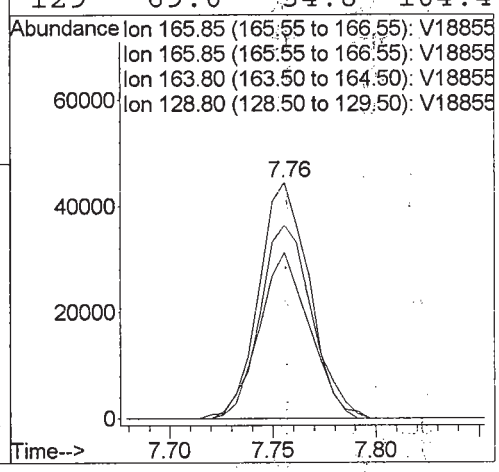


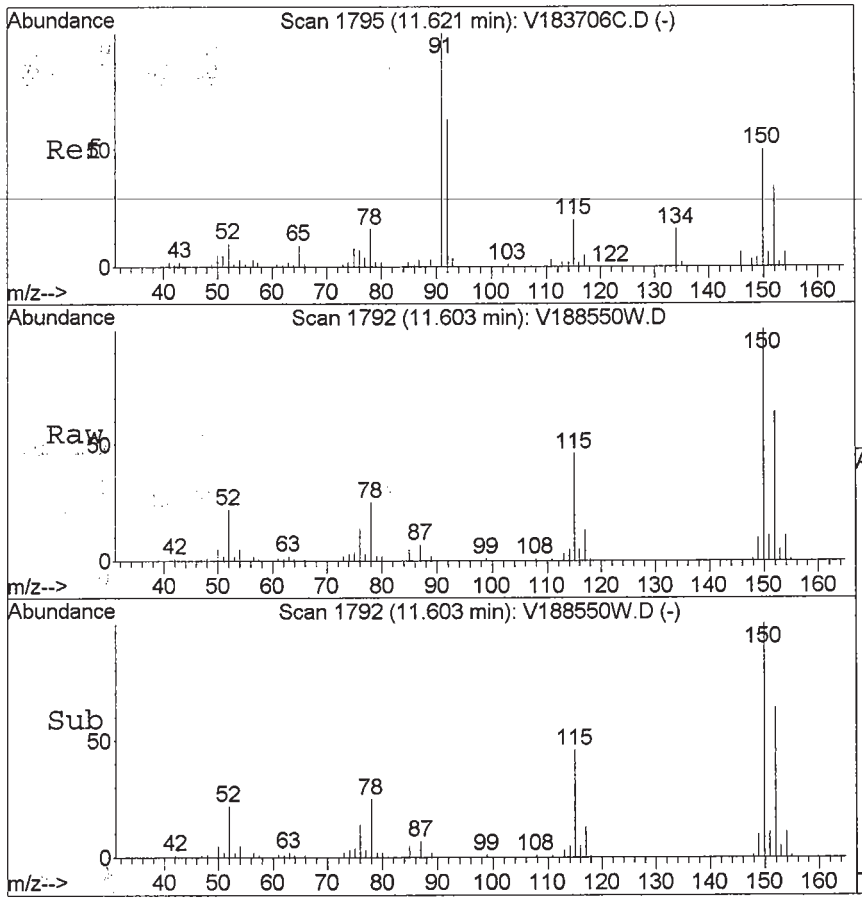


#52
Tetrachloroethylene
Concen: 9.66 ppb
RT: 7.76 min Scan# 1139
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion:166 Resp: 75943

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	83.5	39.1	117.5
129	69.0	34.8	104.4

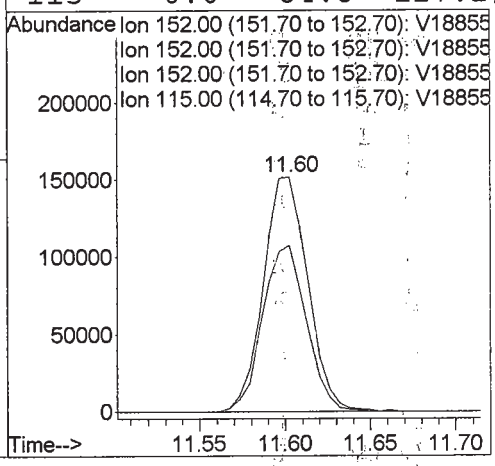


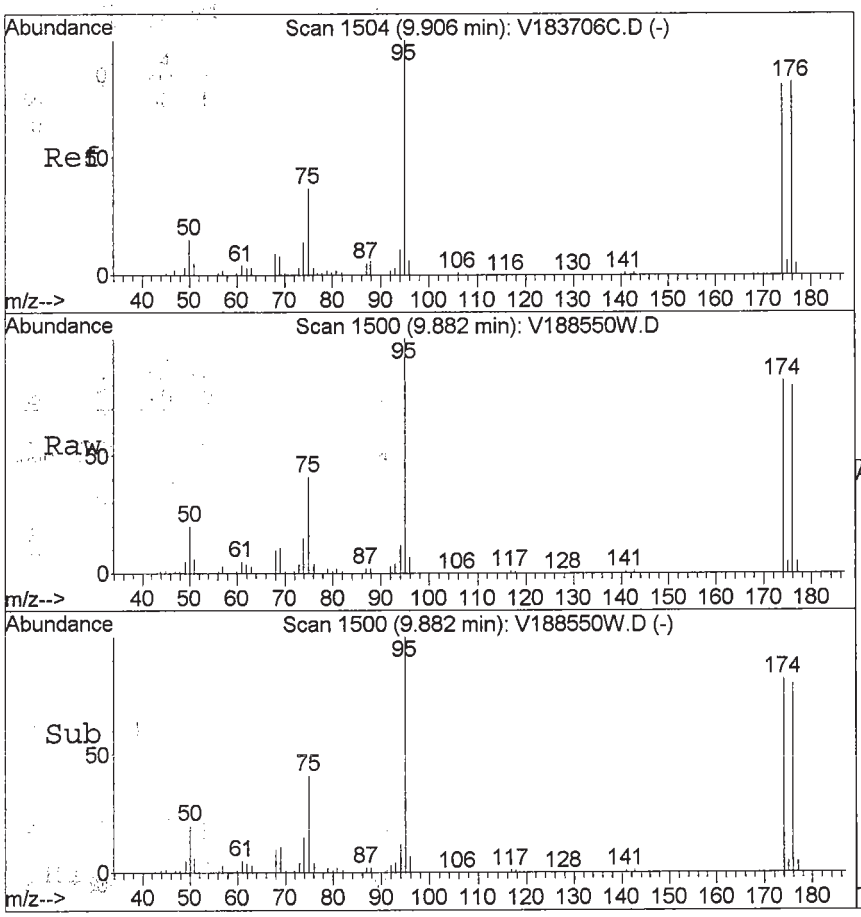


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion:152 Resp: 274383

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

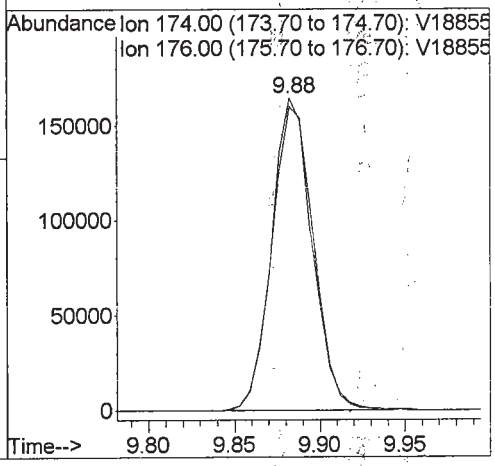




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion:174 Resp: 275852

Ion	Ratio	Lower	Upper
174	100		
176	96.4	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-5D**

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-15 File ID: V188558W.D

Sampled: 04/23/13 10:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 12:38

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	4.9	J
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-5D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-15	File ID:	V188558W.D
Sampled:	04/23/13 10:15	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 12:38
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.2	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.9	114	72.6 - 129	
p-Bromofluorobenzene	50.0	47.3	94.6	63.5 - 145	
Toluene-d8	50.0	47.1	94.2	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188558W.D Vial: 7
Acq On : 29 Apr 2013 12:38 pm Operator: SS
Sample : 13D0938-15 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

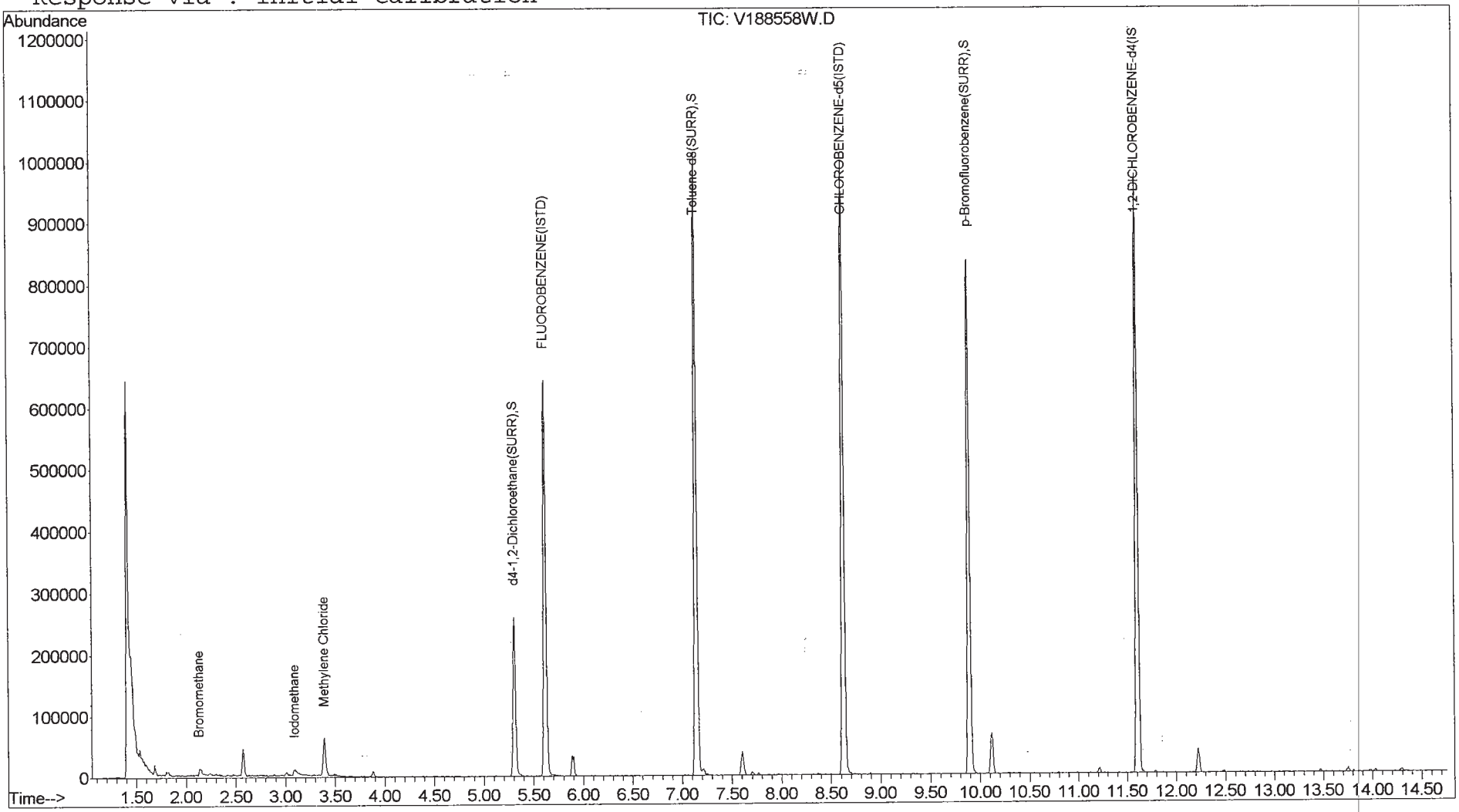
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

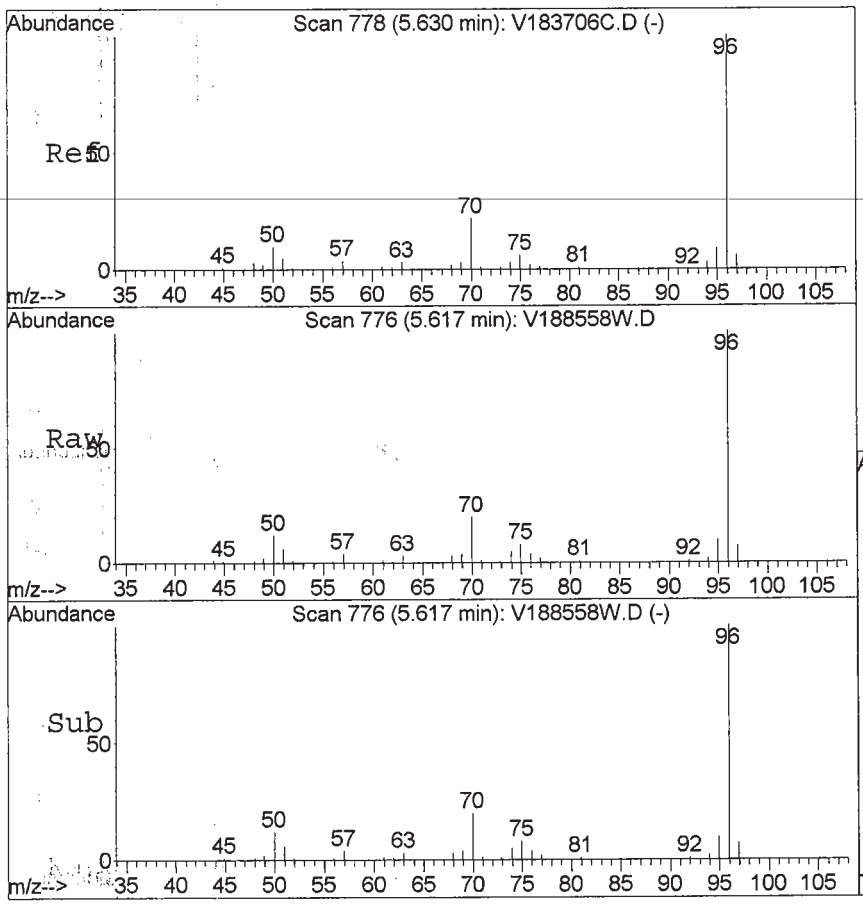
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	113343	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	645617	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	285127	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	187425	56.86	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 113.72%			
47) Toluene-d8(SURR)	7.14	98	652183	47.12	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.24%			
64) p-Bromofluorobenzene(SURR)	9.89	174	272525	47.29	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 94.58%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	17947	4.92	ppb #	78
12) Iodomethane	3.10	142	21014	5.35	ppb	92
17) Methylene Chloride	3.39	49	27385	5.18	ppb #	76

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188558W.D Vial: 7
Acq On : 29 Apr 2013 12:38 pm Operator: SS
Sample : 13D0938-15 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

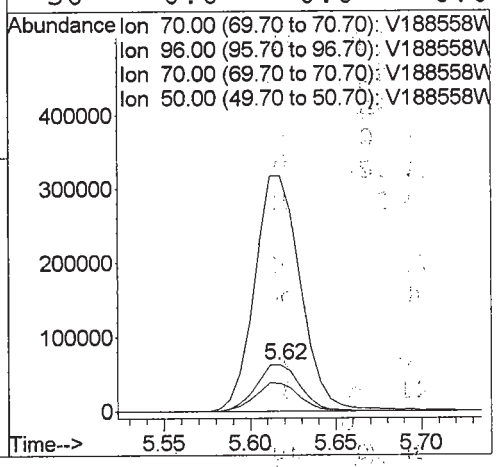


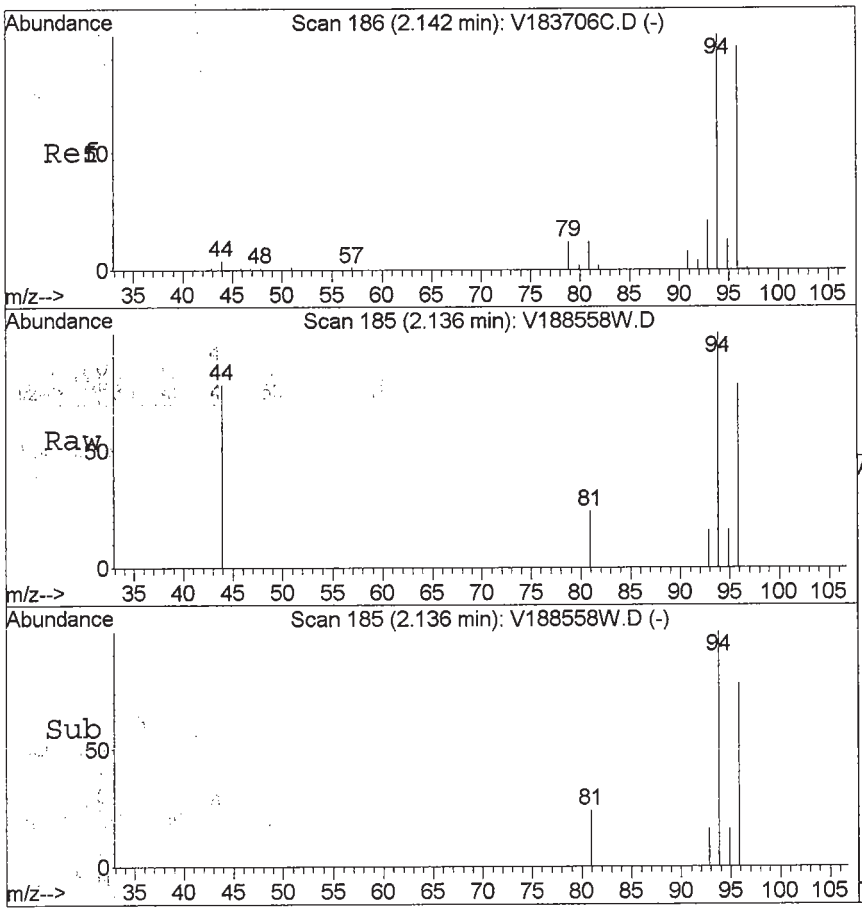


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 70 Resp: 113343

Ion	Ratio	Lower	Upper
70	100		
96	520.2	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

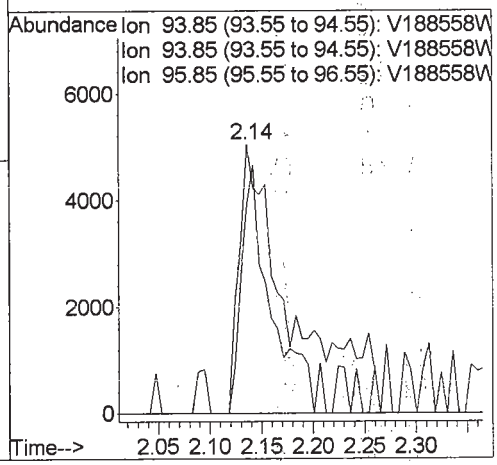


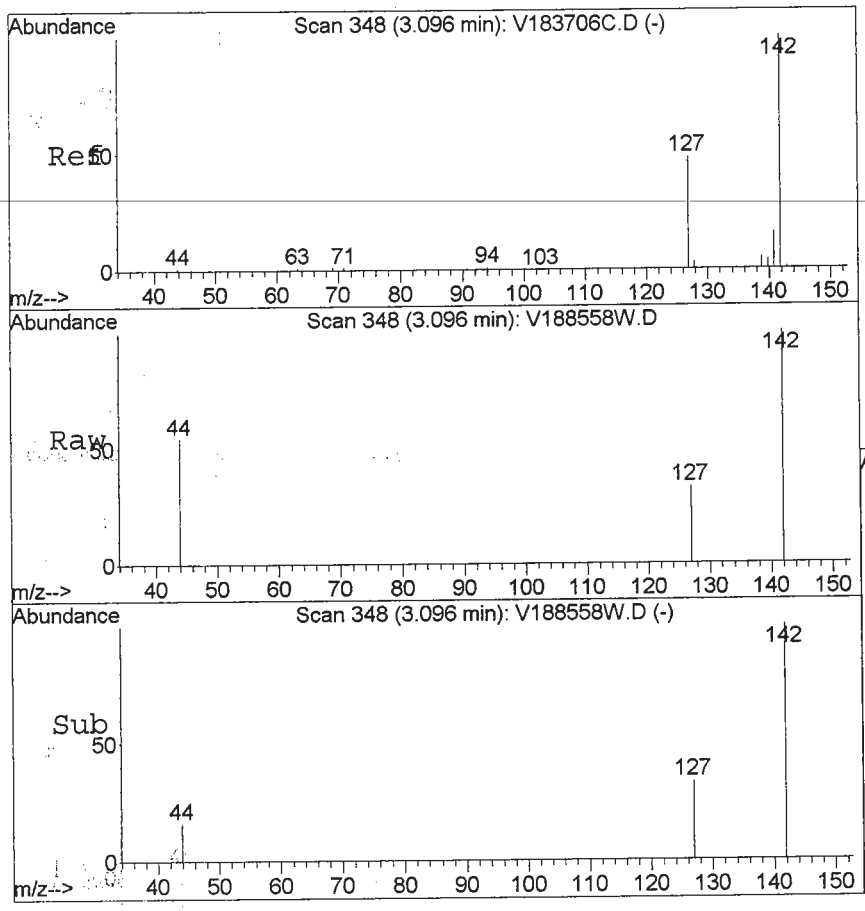


#5
Bromomethane
Concen: 4.92 ppb
RT: 2.14 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 94 Resp: 17947

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	53.4	77.5	116.3#

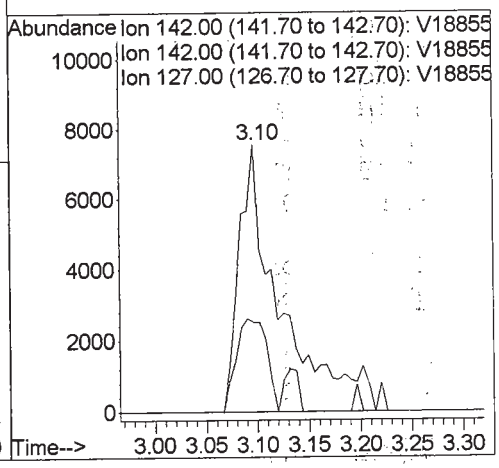


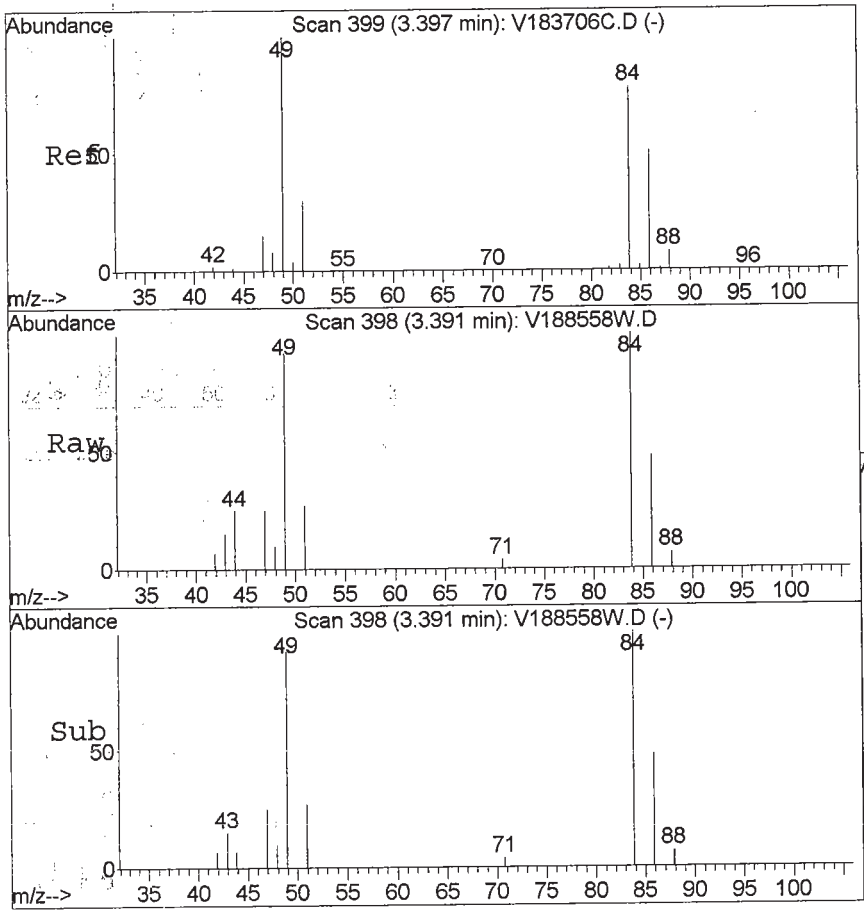


#12
Iodomethane
Concen: 5.35 ppb
RT: 3.10 min Scan# 348
Delta R.T. -0.00 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion:142 Resp: 21014

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	31.2	24.3	72.8

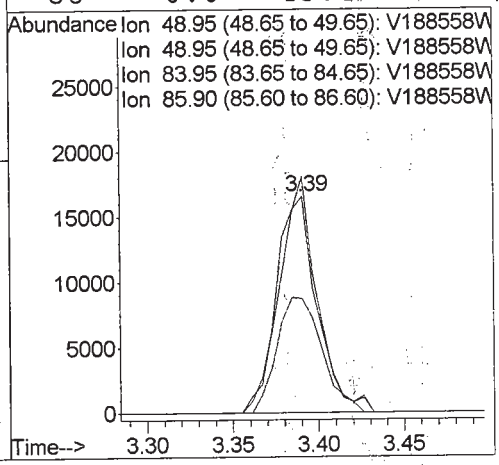


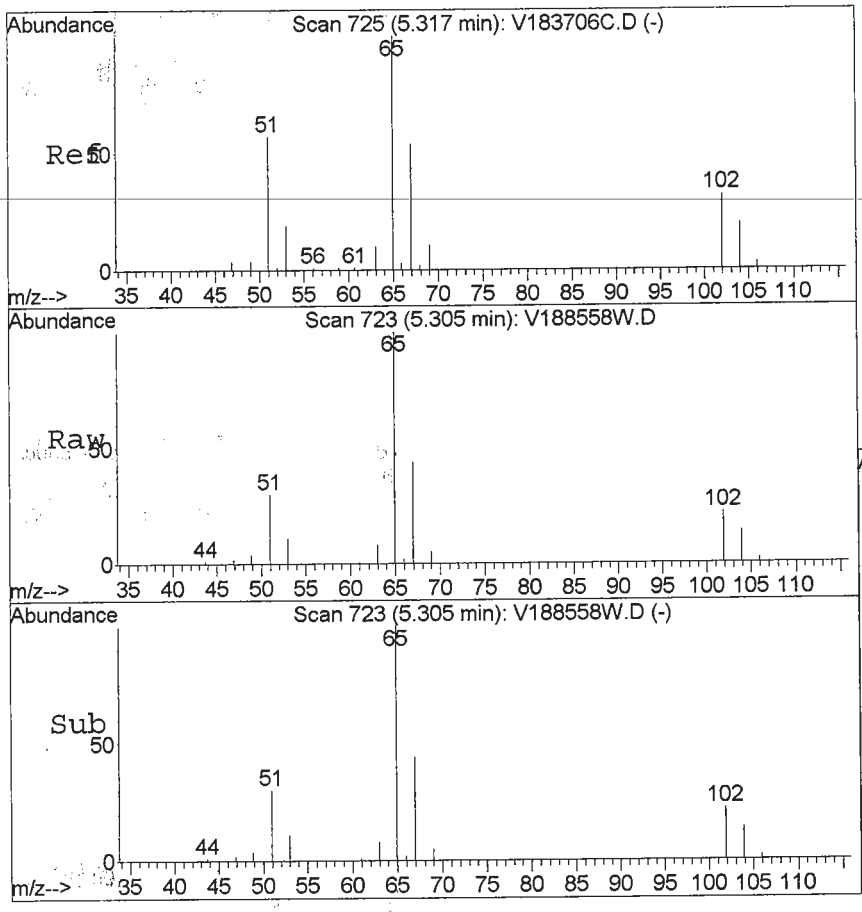


#17
Methylene Chloride
Concen: 5.18 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 49 Resp: 27385

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	98.0	66.3	99.5
86	0.0	45.4	68.2#

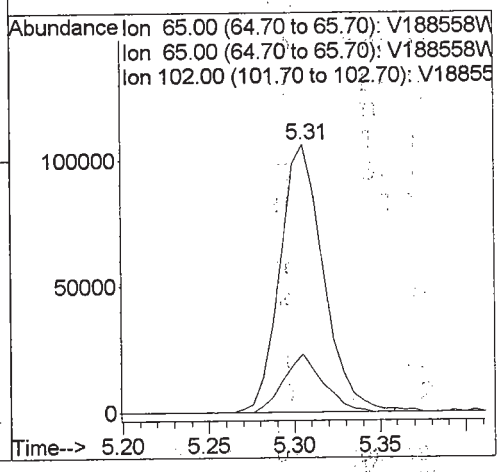


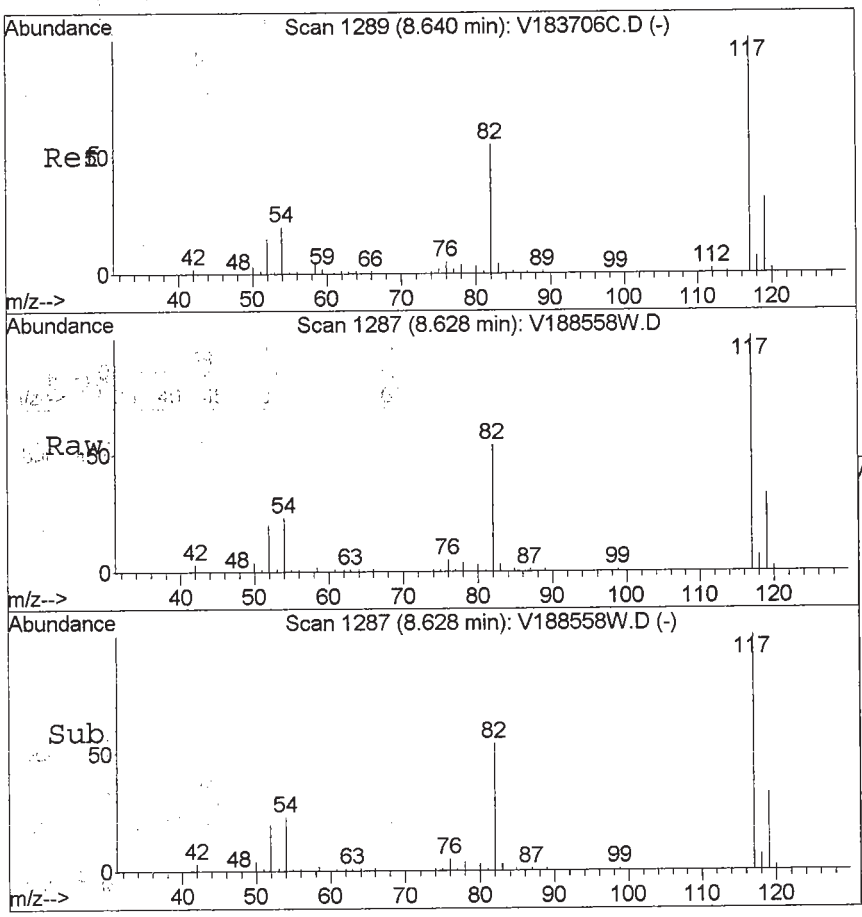


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 65 Resp: 187425

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	19.8	15.8	23.8

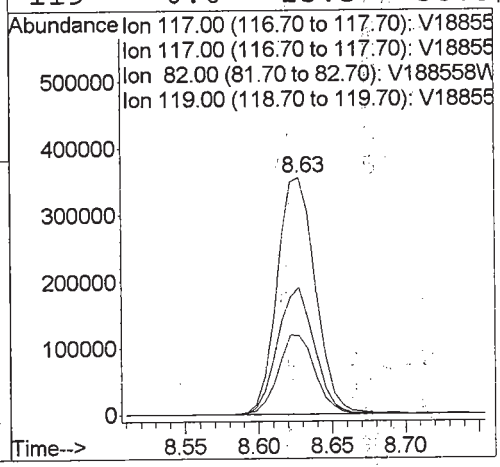


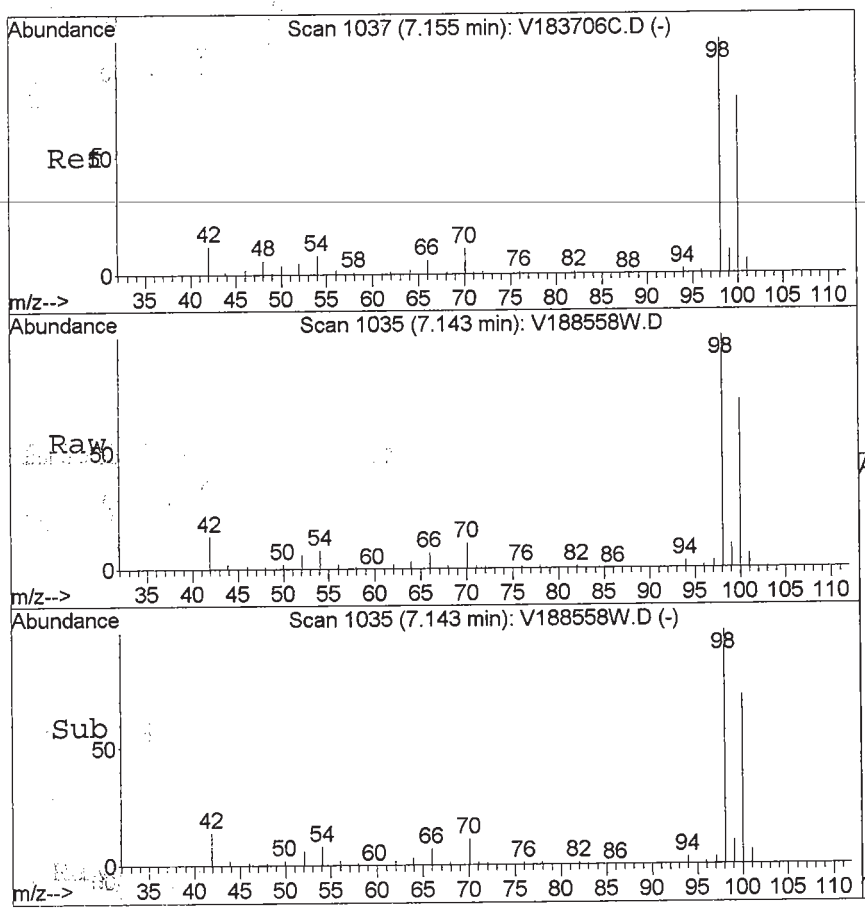


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion:117 Resp: 645617

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	0.0	25.5	38.3#

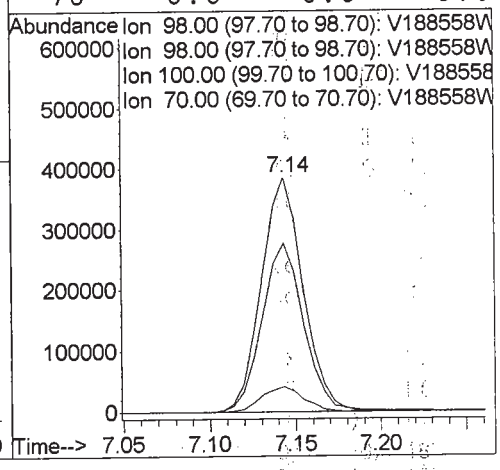


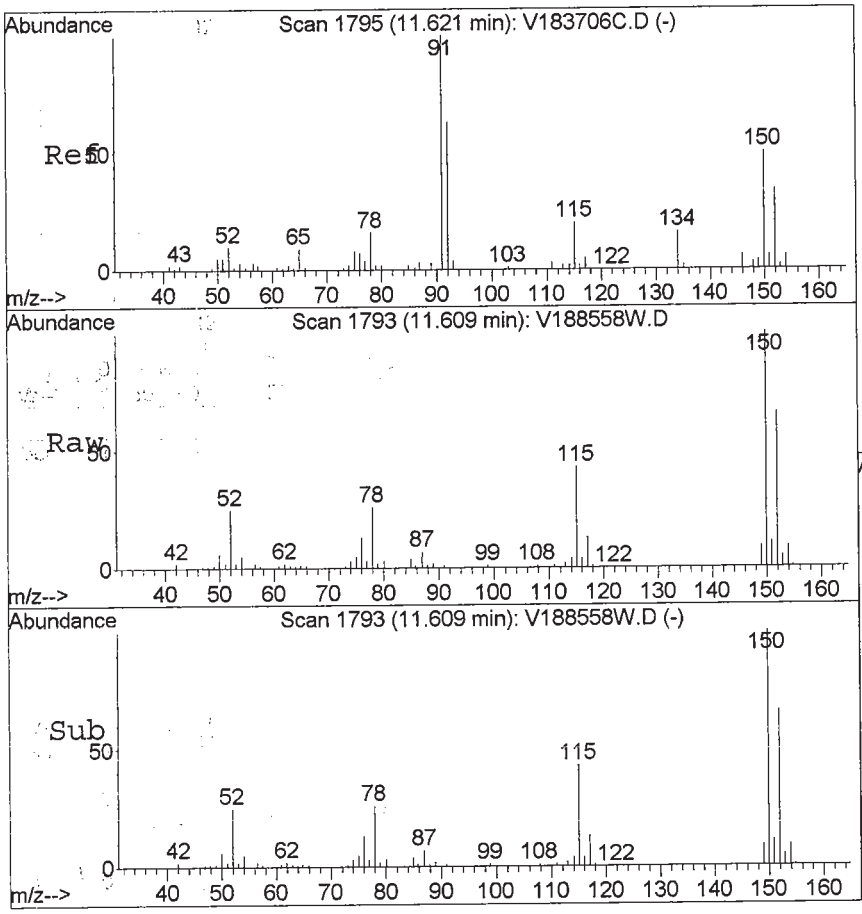


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 98 Resp: 652183

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.6	35.3	105.7
70	0.0	0.0	0.0

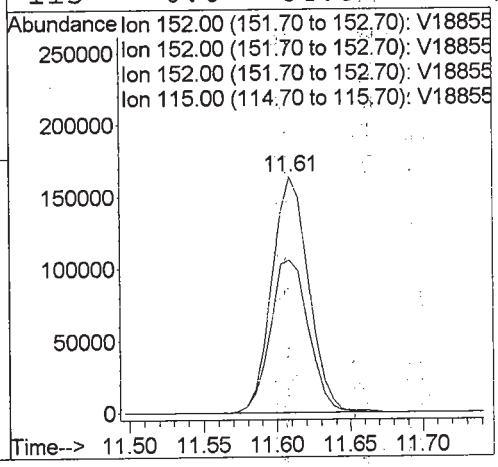


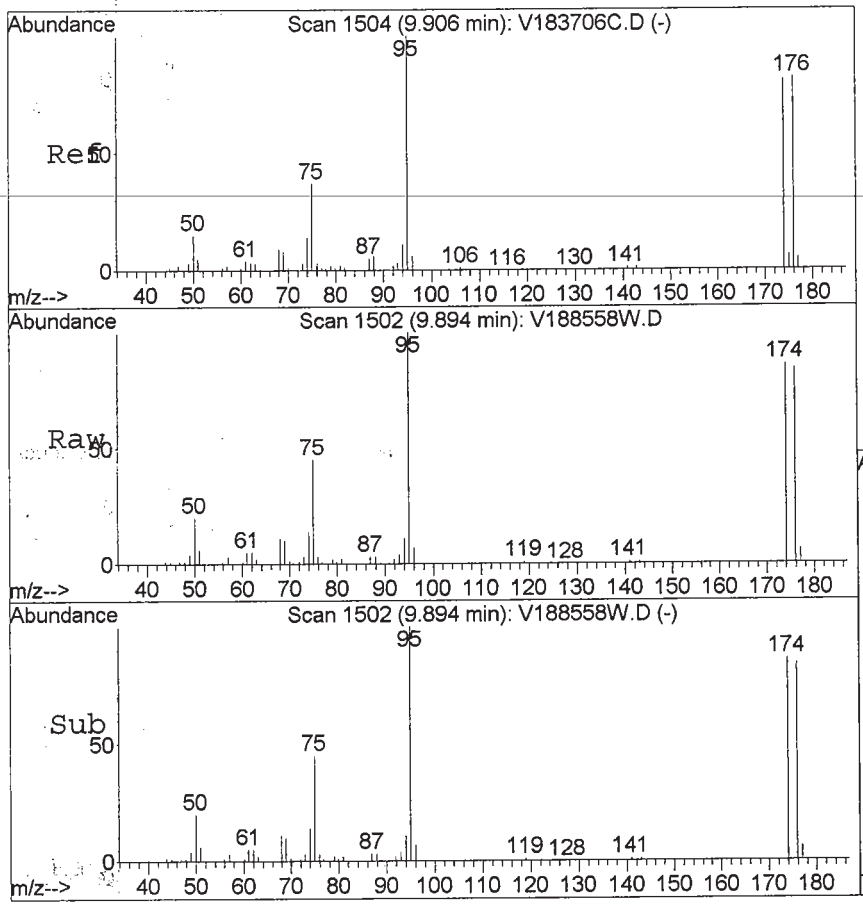


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion:152 Resp: 285127

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

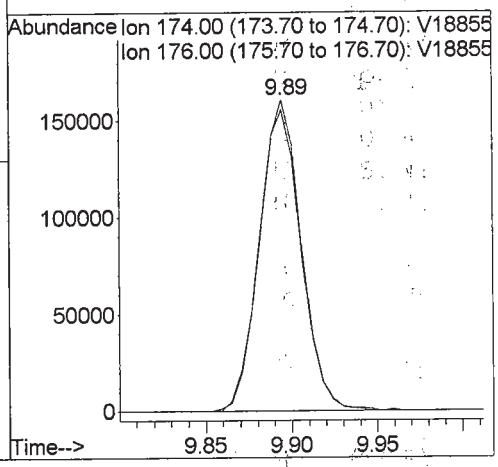




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion:174 Resp: 272525

Ion	Ratio	Lower	Upper
174	100		
176	96.7	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-16	File ID:	V188559W.D
Sampled:	04/23/13 11:15	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 13:17
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-16	File ID:	V188559W.D
Sampled:	04/23/13 11:15	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 13:17
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	4.1	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.4	113	72.6 - 129	
p-Bromofluorobenzene	50.0	49.4	98.7	63.5 - 145	
Toluene-d8	50.0	47.2	94.3	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188559W.D Vial: 8
Acq On : 29 Apr 2013 1:17 pm Operator: SS
Sample : 13D0938-16 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

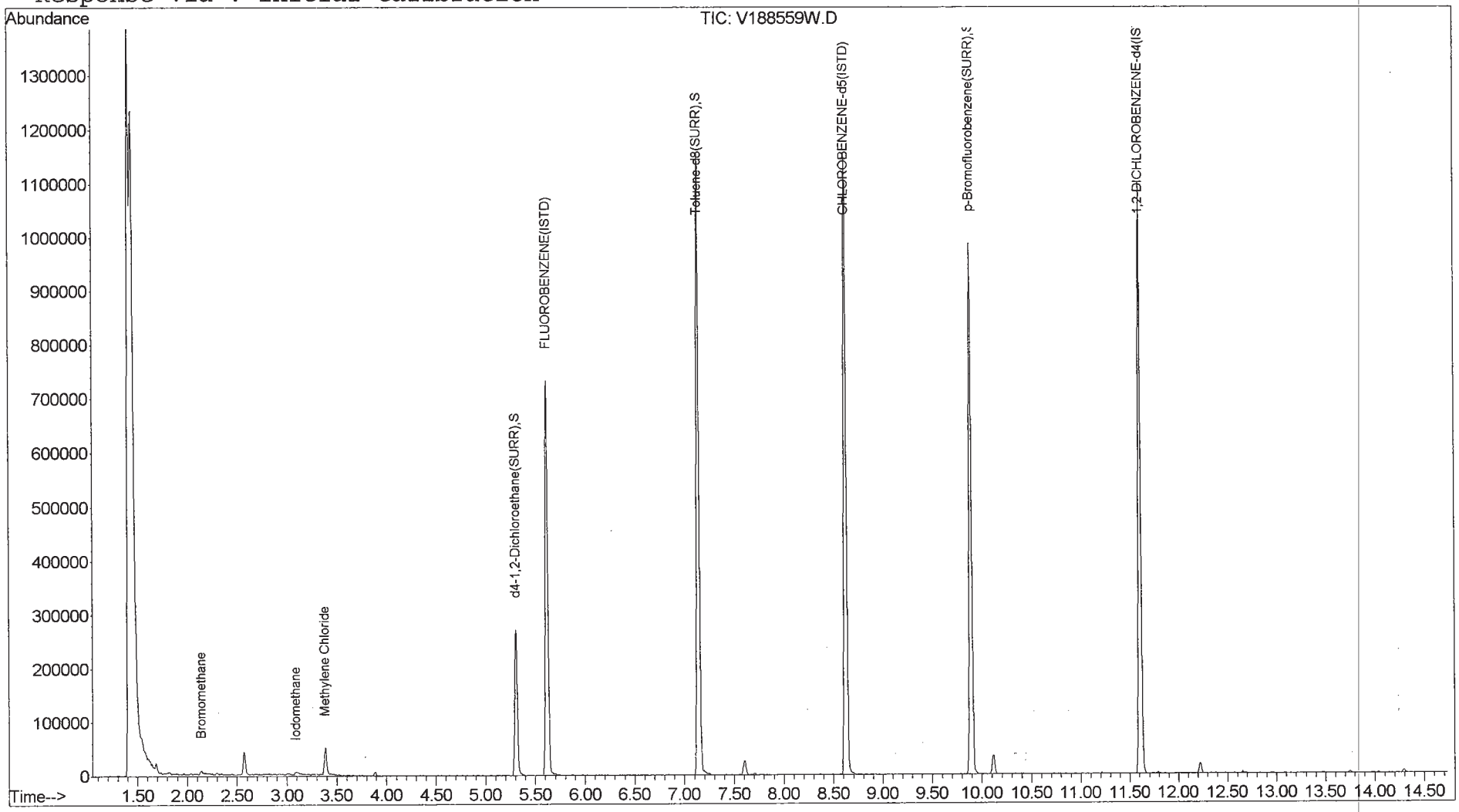
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

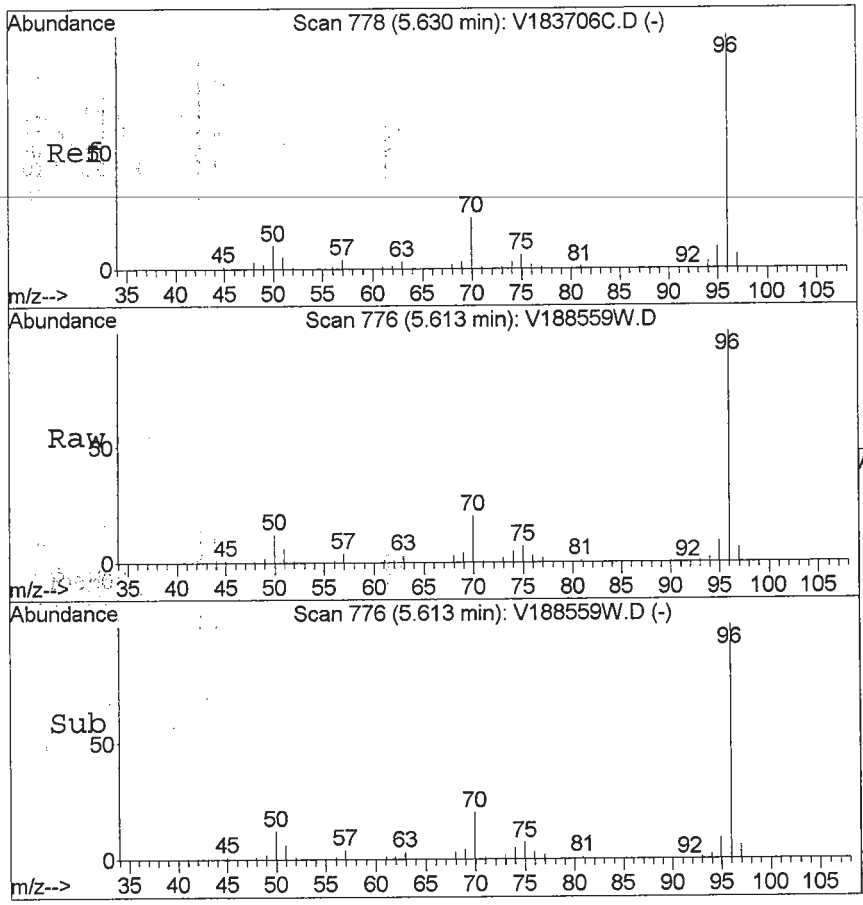
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	125547	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	728058	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	312239	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	205829	56.38	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 112.76%			
47) Toluene-d8(SURR)	7.14	98	735912	47.15	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.30%			
64) p-Bromofluorobenzene(SURR)	9.89	174	311463	49.35	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.70%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	5951	1.47	ppb	99
12) Iodomethane	3.09	142	6381	1.47	ppb	98
17) Methylene Chloride	3.39	49	23813	4.07	ppb	99

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188559W.D Vial: 8
Acq On : 29 Apr 2013 1:17 pm Operator: SS
Sample : 13D0938-16 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

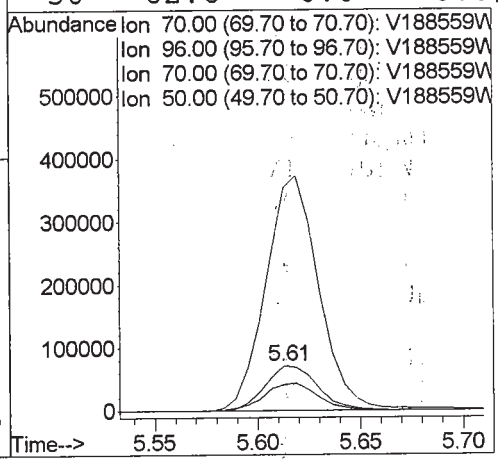


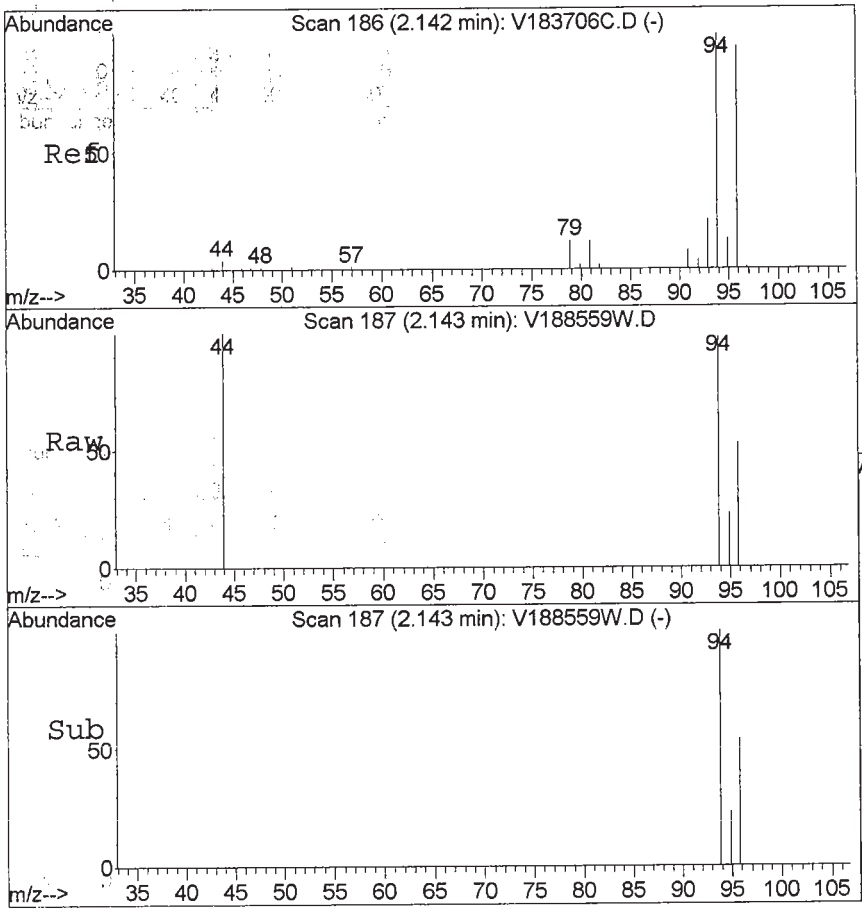


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 776
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 70 Resp: 125547

Ion	Ratio	Lower	Upper
70	100		
96	531.4	400.1	600.1
70	100.0	80.0	120.0
50	62.6	0.0	0.0#

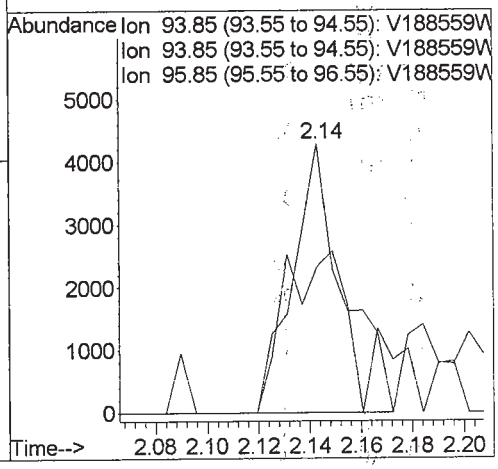


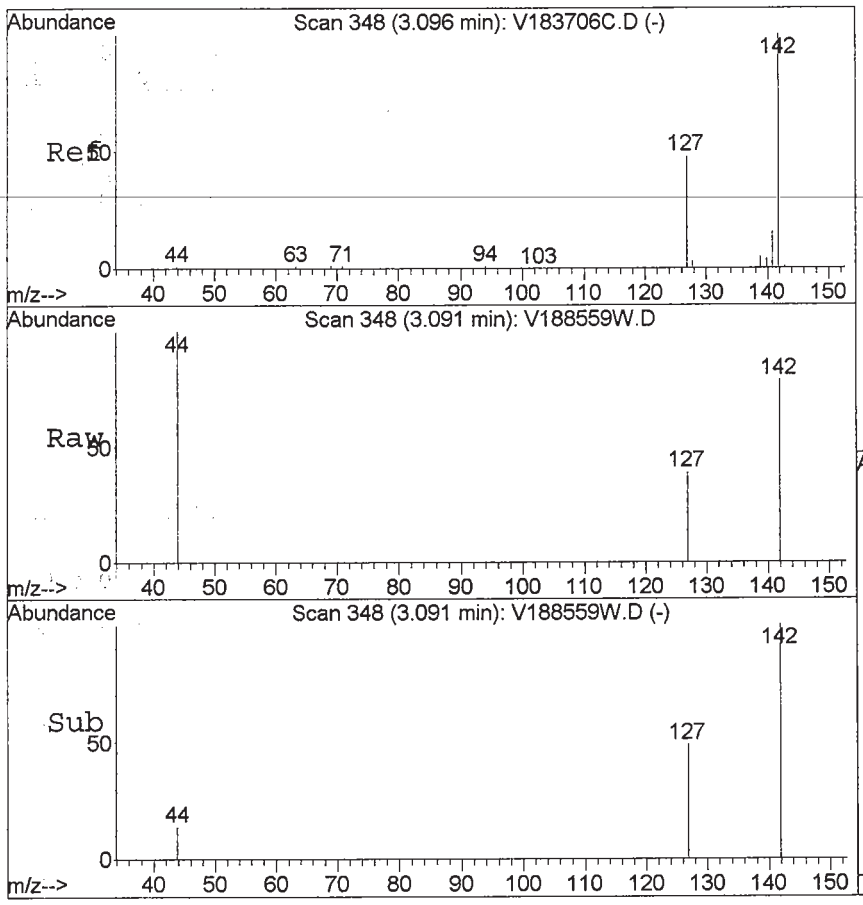


#5
Bromomethane
Concen: 1.47 ppb
RT: 2.14 min Scan# 187
Delta R.T. 0.00 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 94 Resp: 5951

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	98.7	77.5	116.3

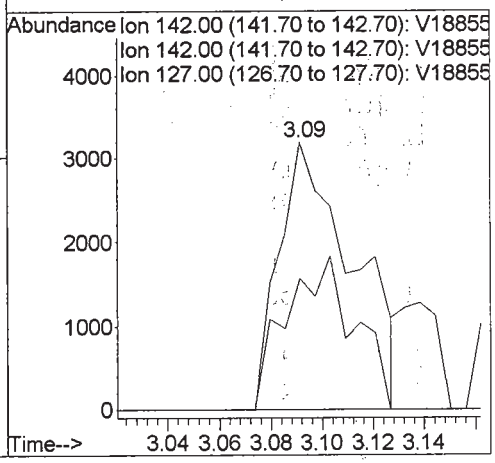


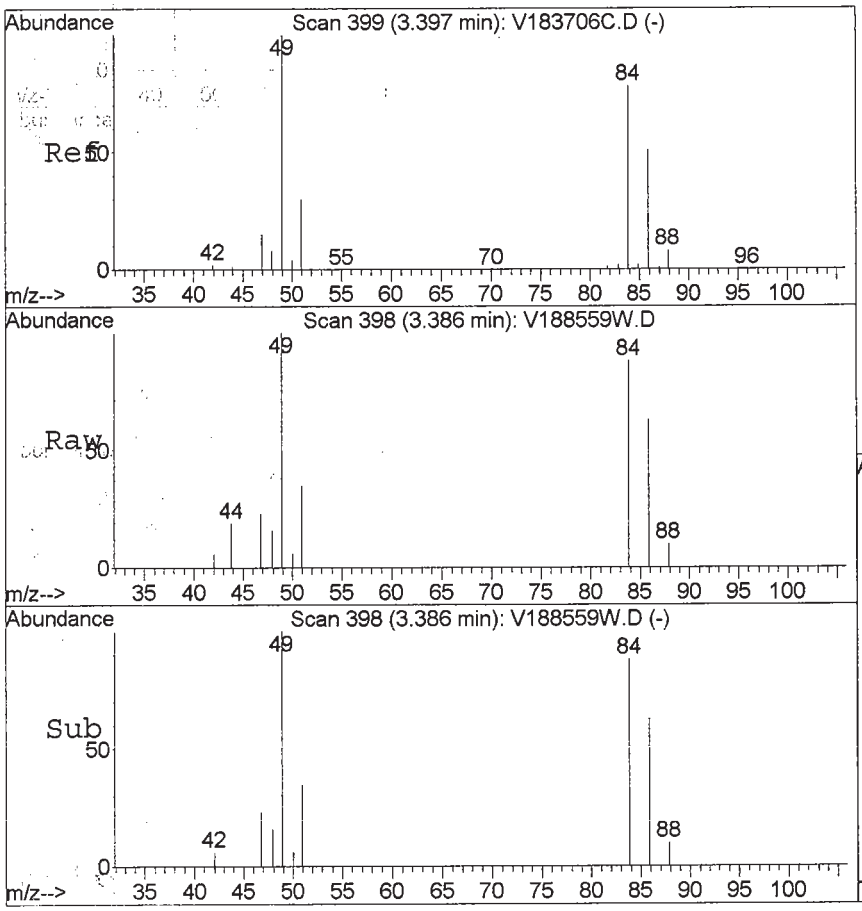


#12
Iodomethane
Concen: 1.47 ppb
RT: 3.09 min Scan# 348
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion:142 Resp: 6381

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	53.4	24.3	72.8

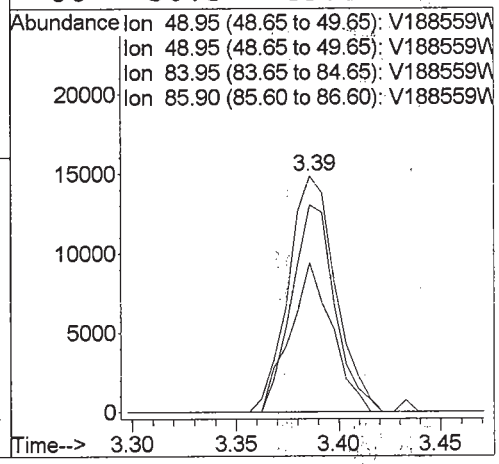


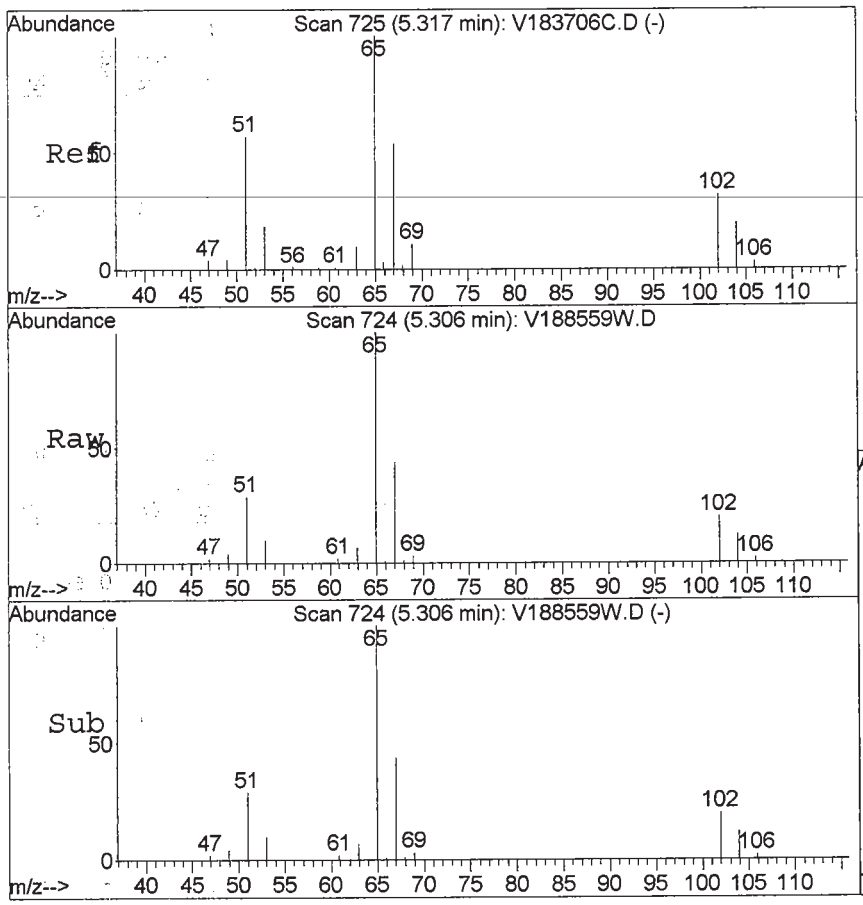


#17
Methylene Chloride
Concen: 4.07 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 49 Resp: 23813

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	80.4	66.3	99.5
86	56.3	45.4	68.2

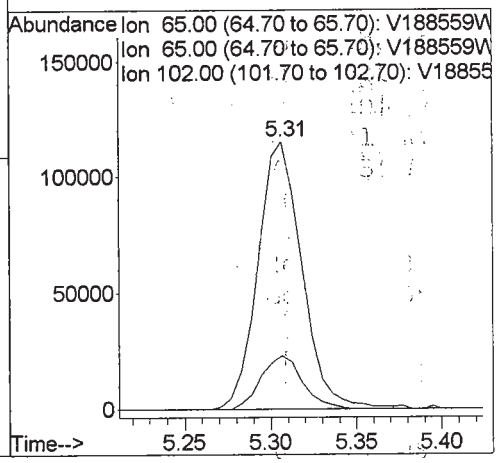


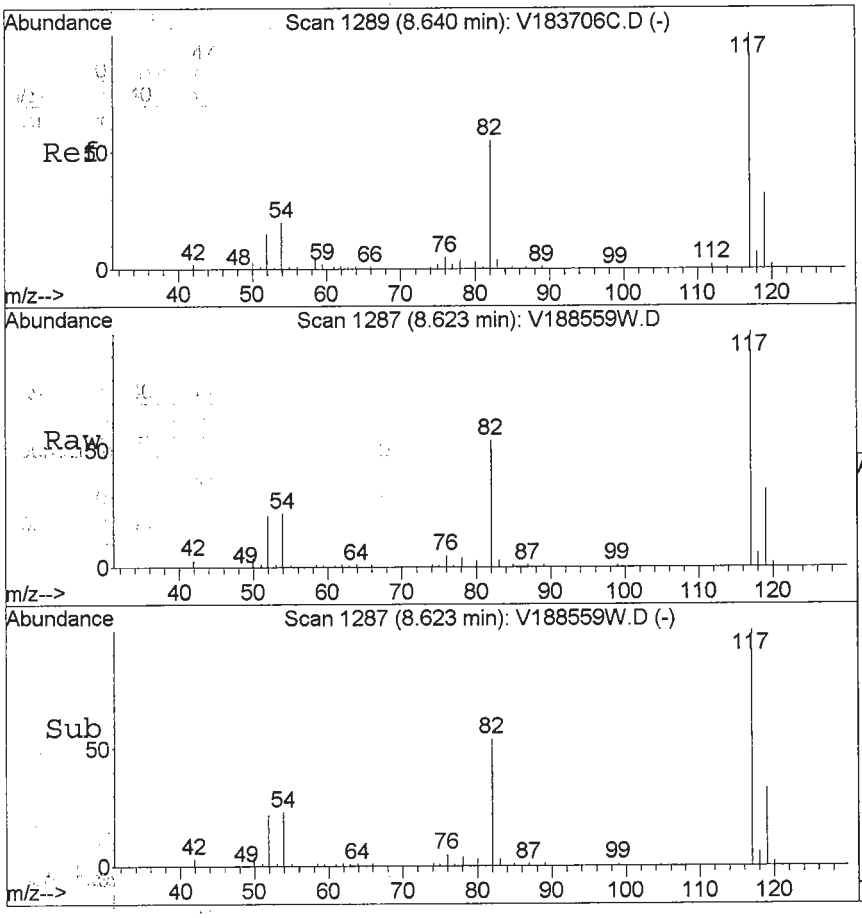


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 65 Resp: 205829

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	19.1	15.8	23.8

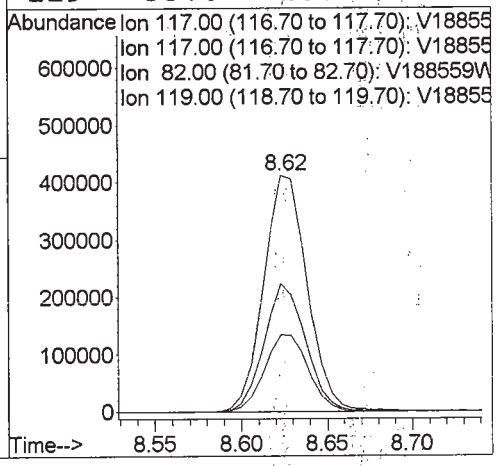


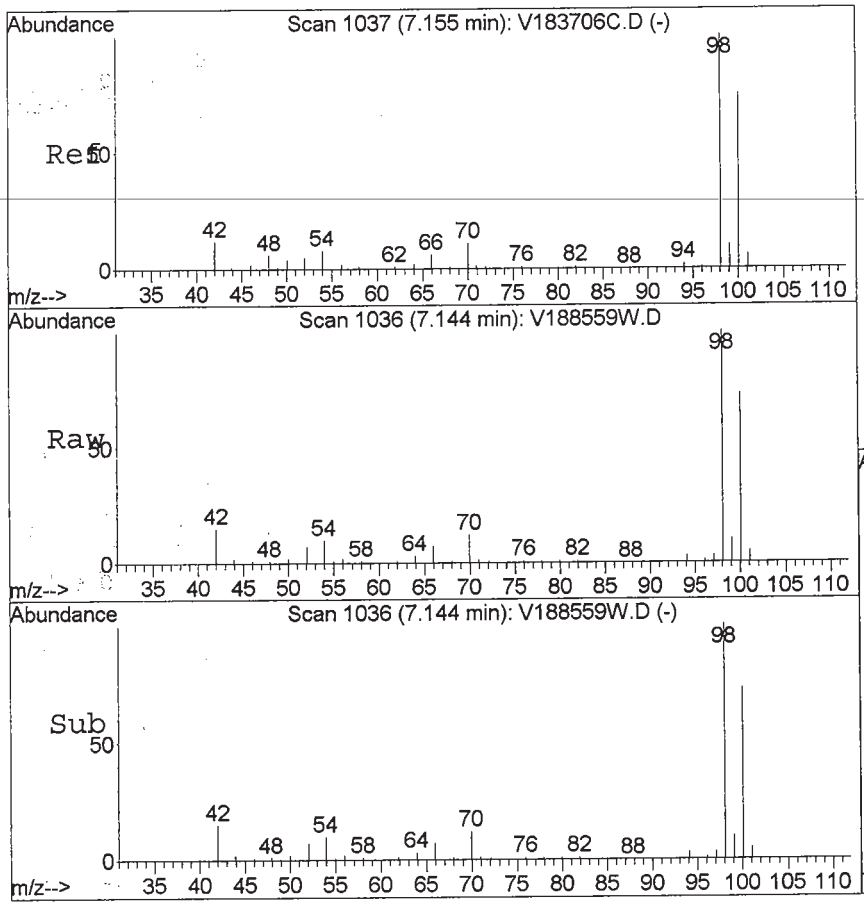


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1287
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion:117 Resp: 728058

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	33.0	25.5	38.3

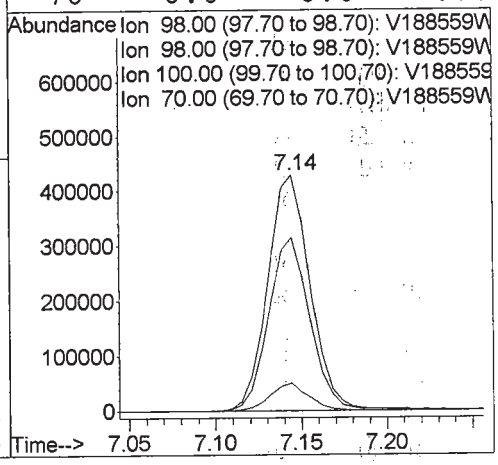


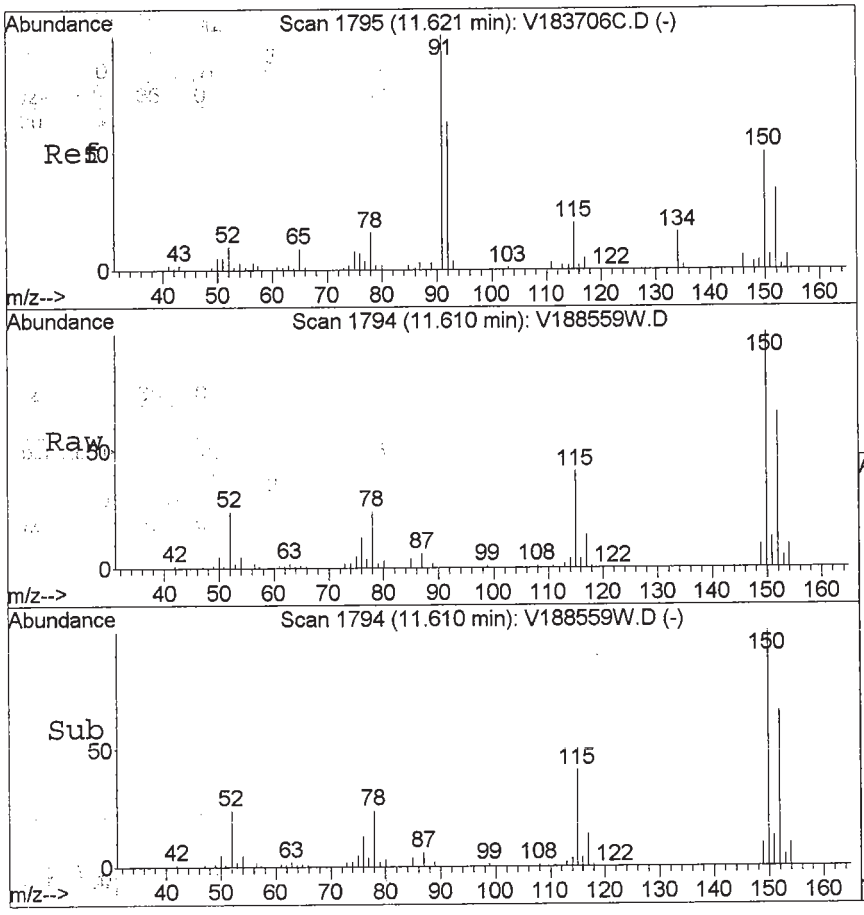


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 98 Resp: 735912

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.7	35.3	105.7
70	0.0	0.0	0.0

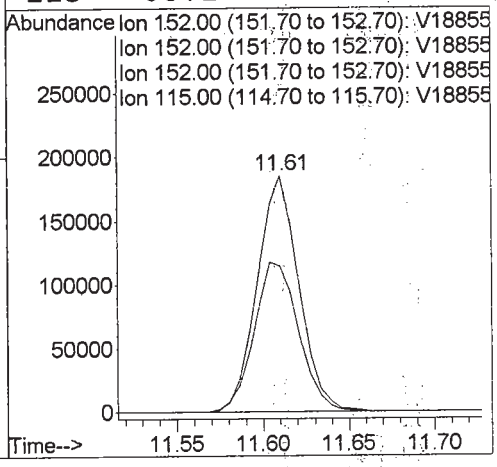


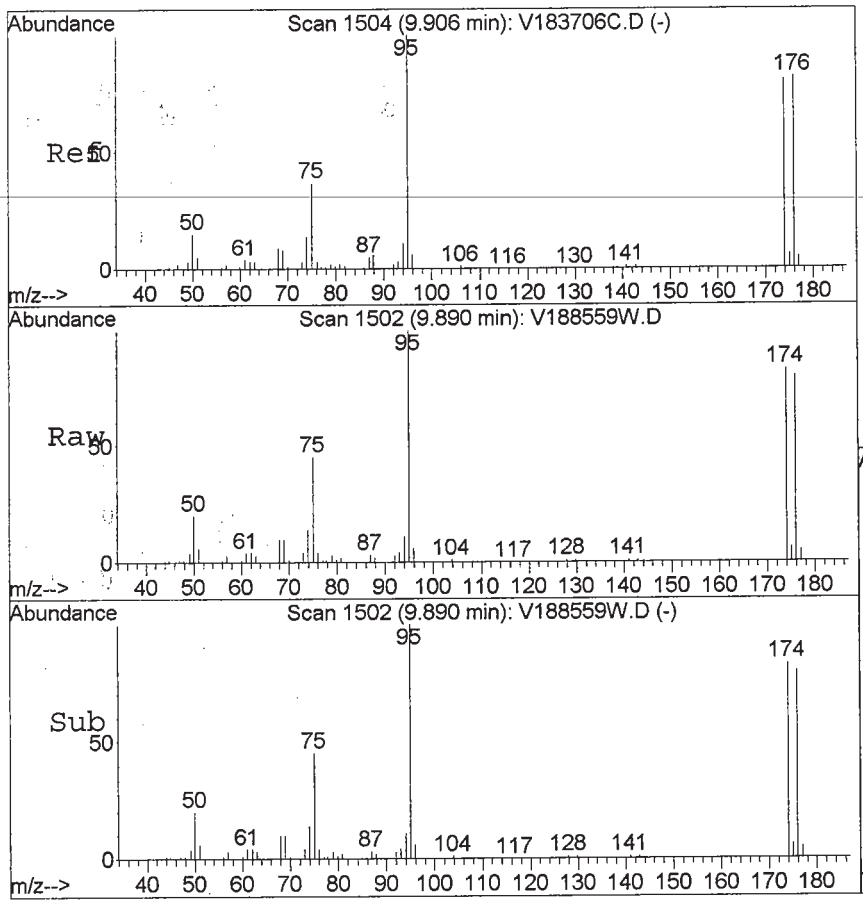


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion:152 Resp: 312239

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	68.1	84.8	127.2#

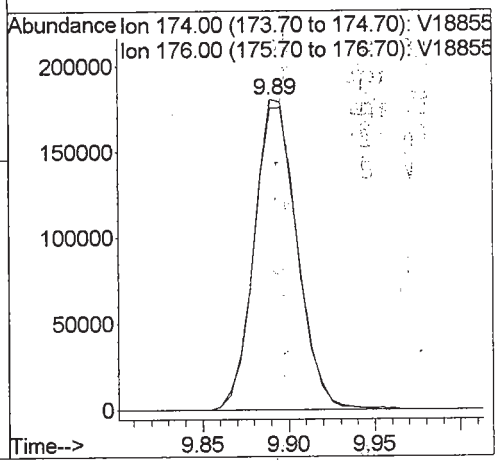




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion:174 Resp: 311463

Ion	Ratio	Lower	Upper
174	100		
176	98.8	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-6D**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-17	File ID:	V188560W.D
Sampled:	04/23/13 11:20	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 13:56
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-17 File ID: V188560W.D

Sampled: 04/23/13 11:20 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 13:56

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.4	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.3	115	72.6 - 129	
p-Bromofluorobenzene	50.0	49.9	99.8	63.5 - 145	
Toluene-d8	50.0	47.0	94.0	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188560W.D Vial: 9
Acq On : 29 Apr 2013 1:56 pm Operator: SS
Sample : 13D0938-17 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:11 2013 Quant Results File: V1C00360.RES

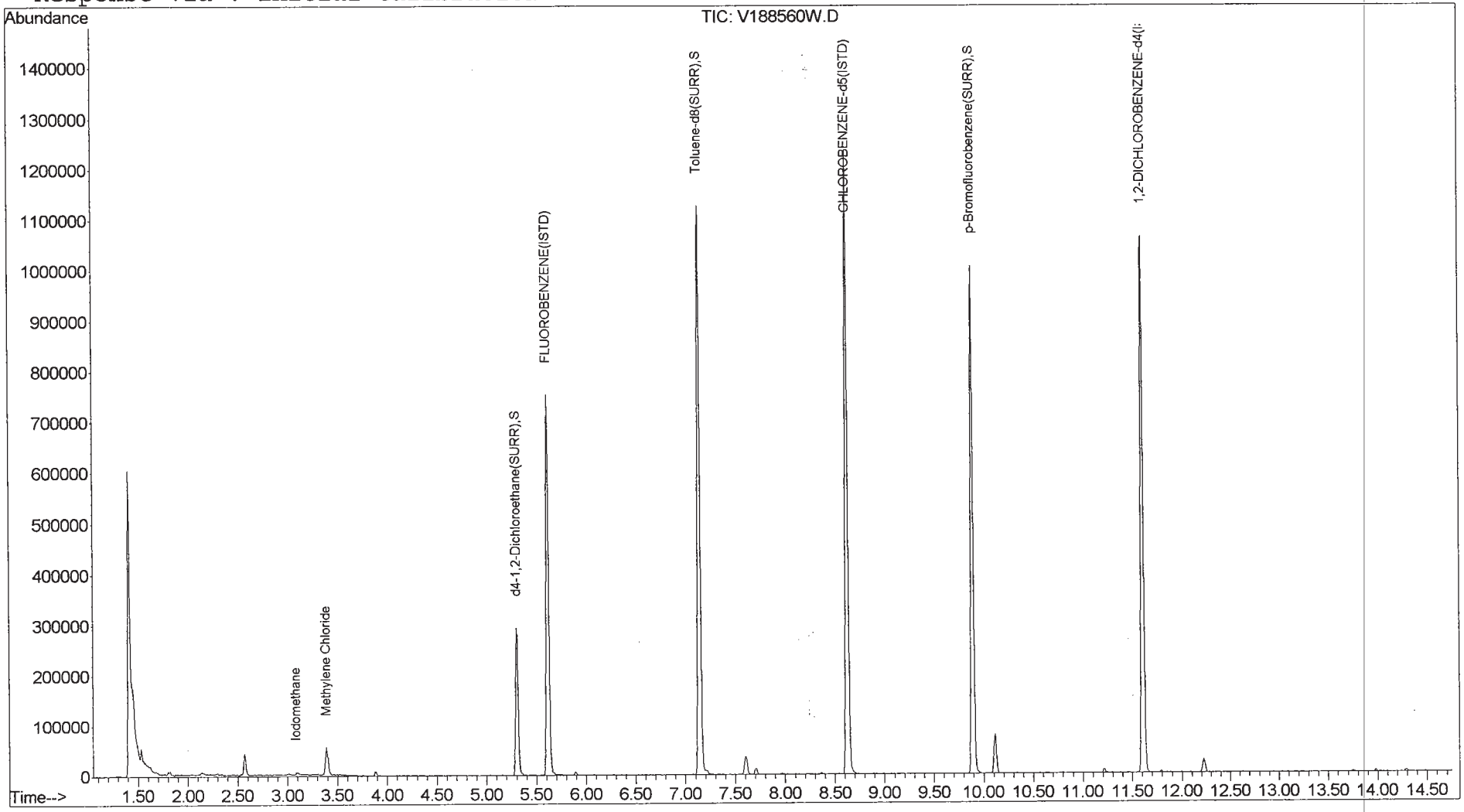
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

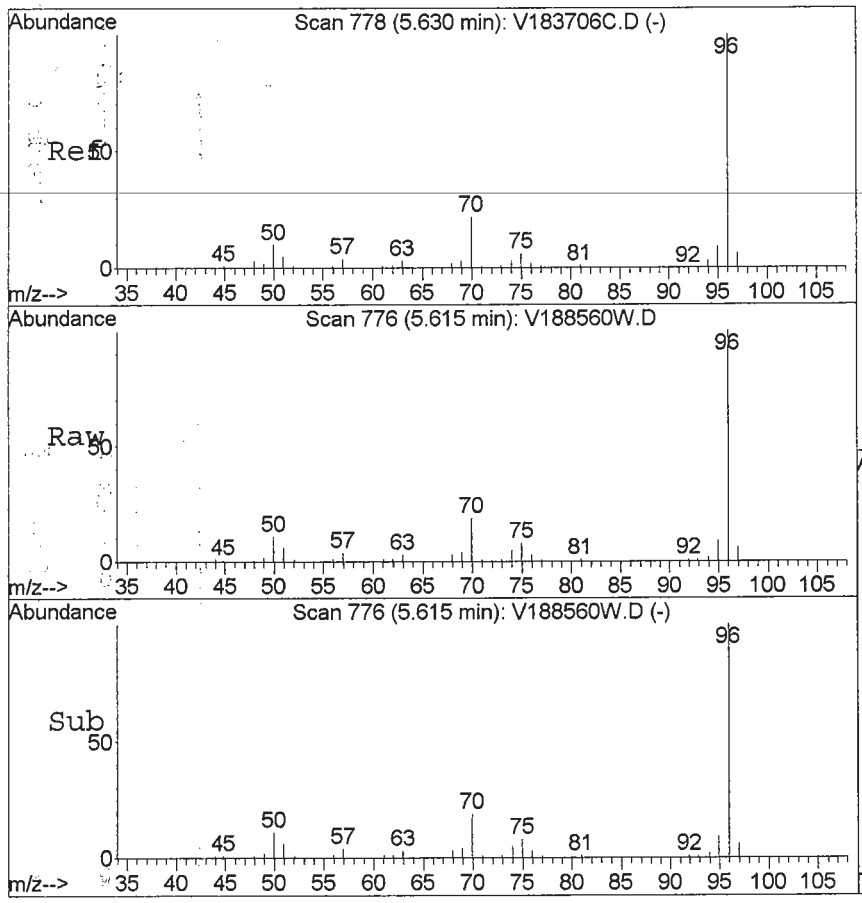
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	129432	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	742840	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	309688	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	215692	57.30	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.60%			
47) Toluene-d8(SURR)	7.14	98	748742	47.01	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.02%			
64) p-Bromofluorobenzene(SURR)	9.89	174	312349	49.90	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.80%			
Target Compounds						Qvalue
12) Iodomethane	3.09	142	8043	1.79	ppb	89
17) Methylene Chloride	3.39	49	20199	3.35	ppb	97

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188560W.D Vial: 9
Acq On : 29 Apr 2013 1:56 pm Operator: SS
Sample : 13D0938-17 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:11 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

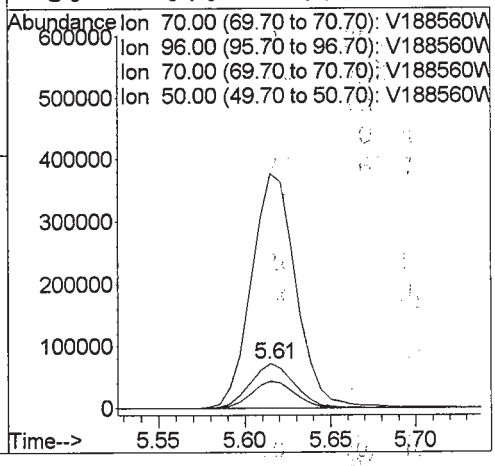


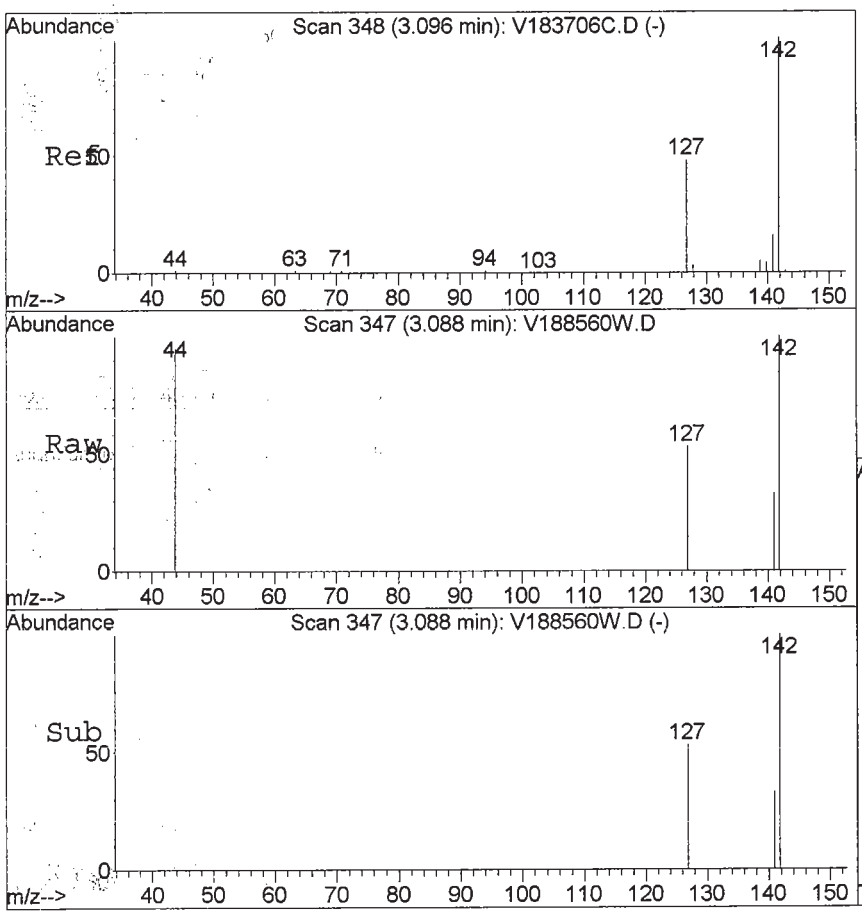


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion: 70 Resp: 129432

Ion	Ratio	Lower	Upper
70	100		
96	526.2	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

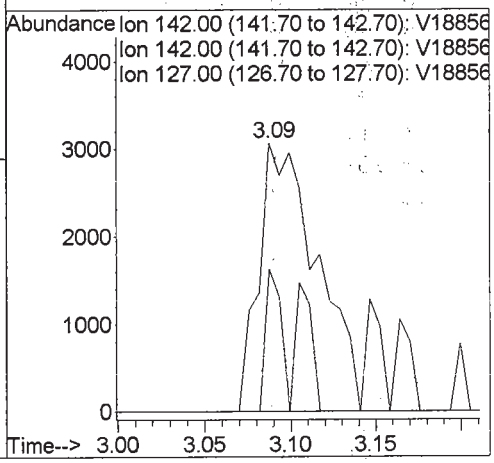


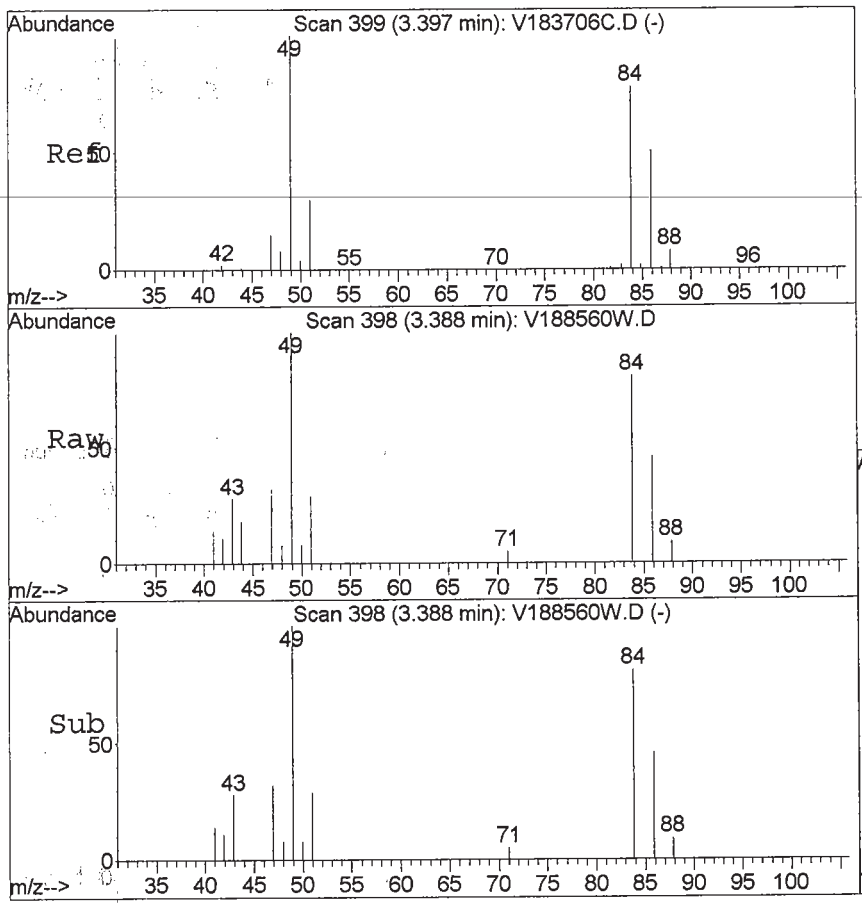


#12
Iodomethane
Concen: 1.79 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion:142 Resp: 8043

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	24.7	24.3	72.8

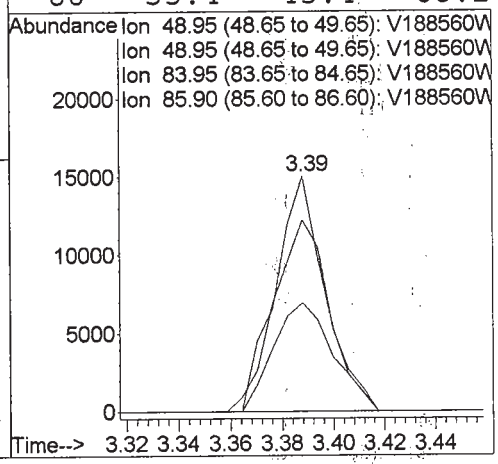


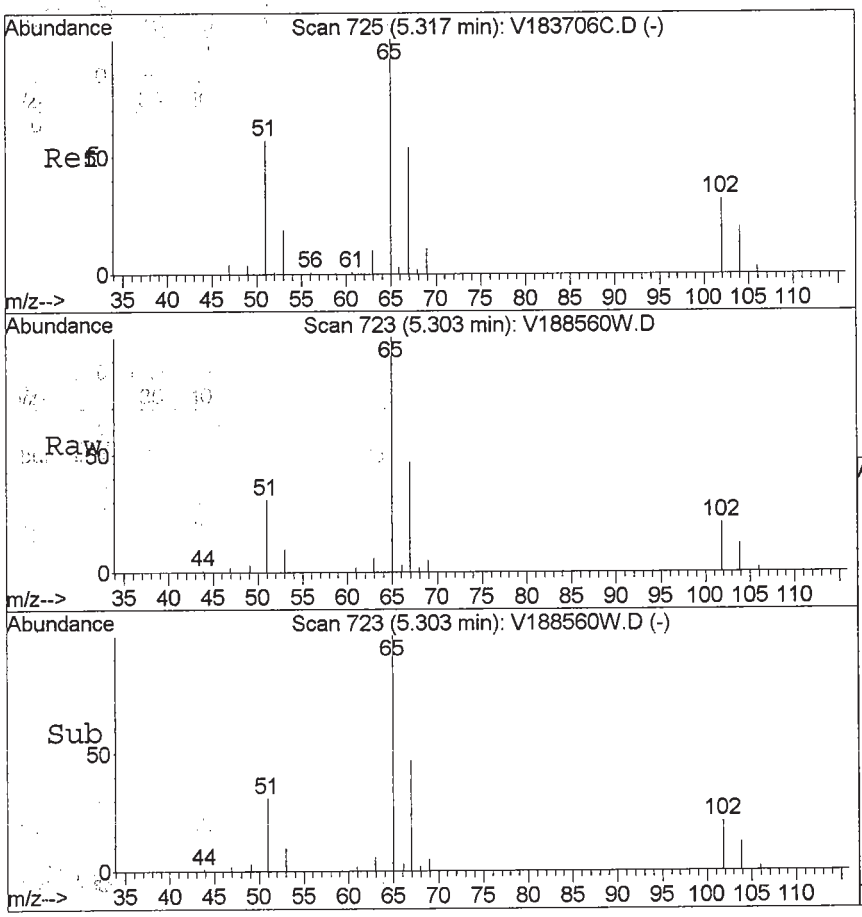


#17
Methylene Chloride
Concen: 3.35 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion: 49 Resp: 20199

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	90.2	66.3	99.5
86	55.4	45.4	68.2

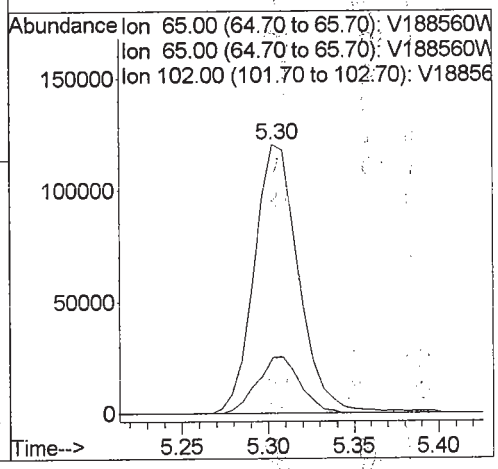


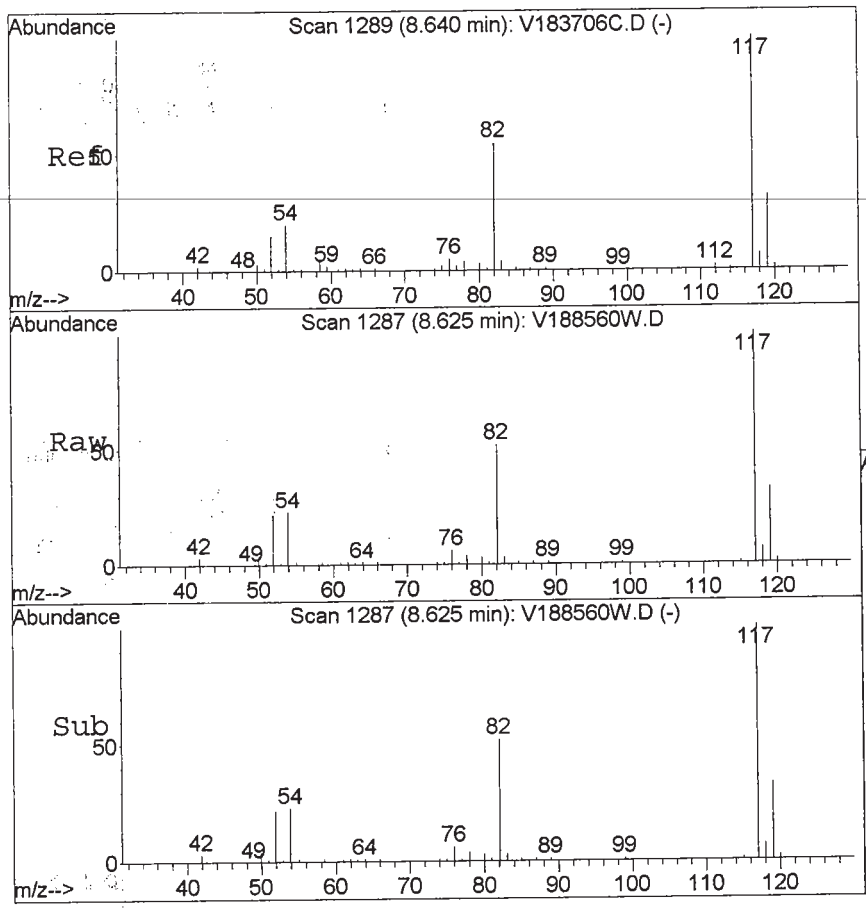


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion: 65 Resp: 215692

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.4	15.8	23.8

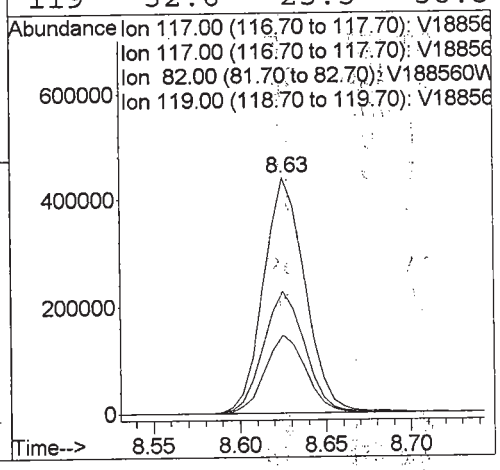


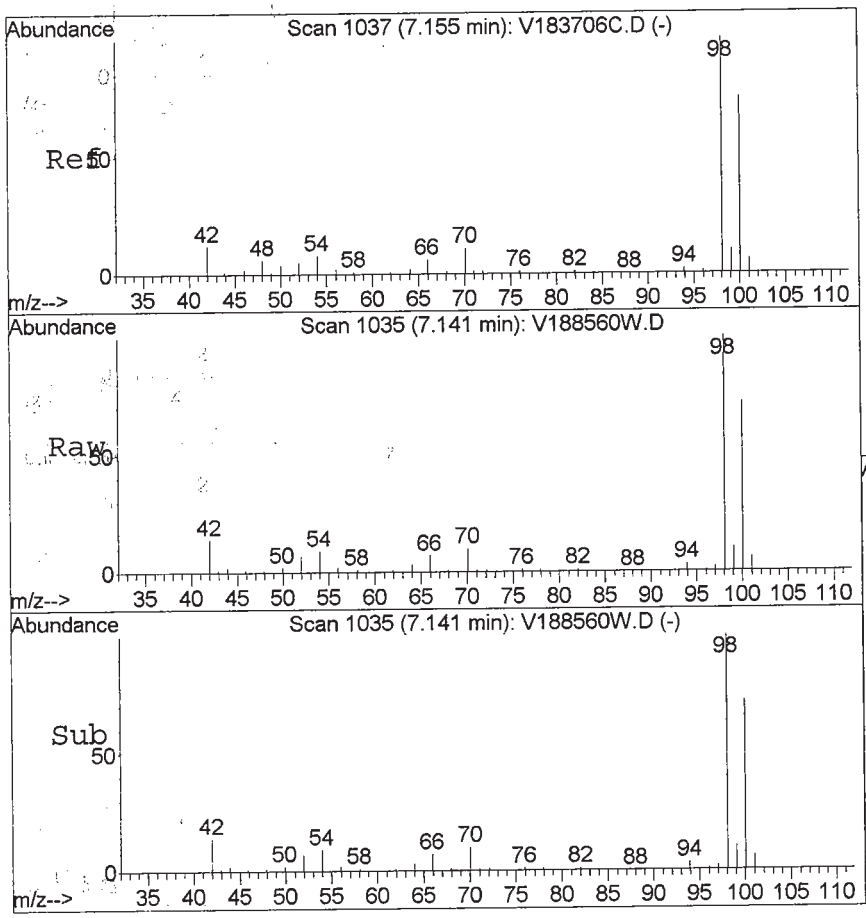


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion:117 Resp: 742840

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.6	25.5	38.3

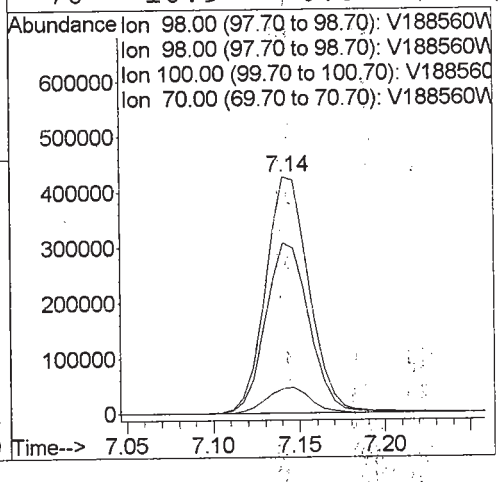


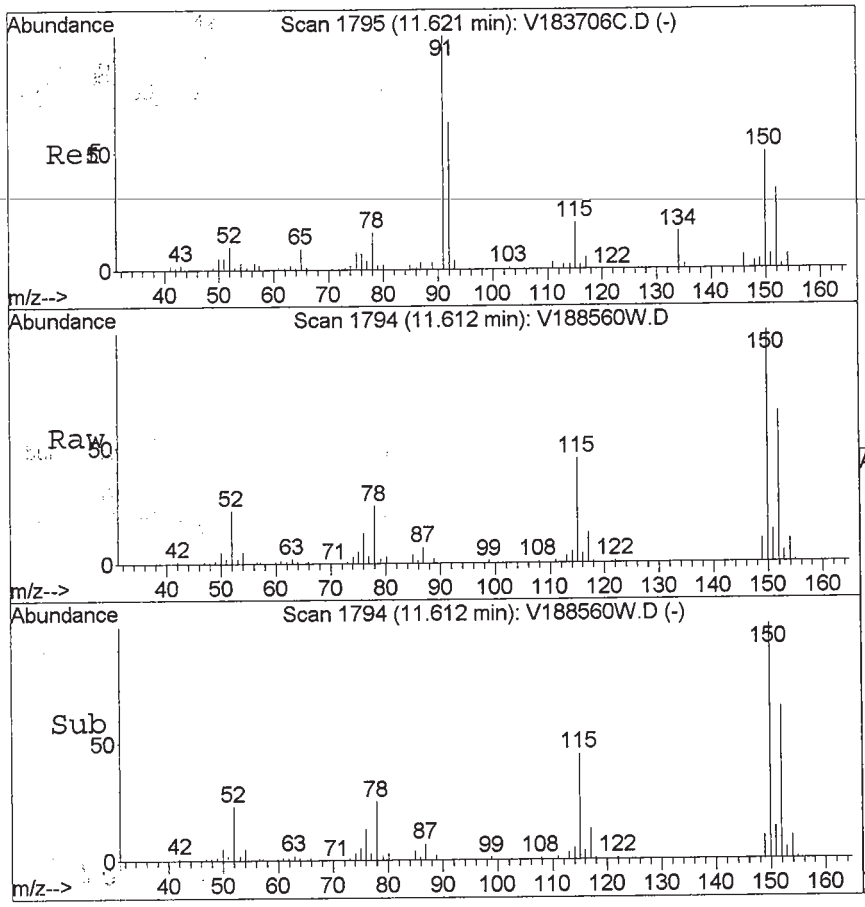


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion: 98 Resp: 748742

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	72.4	35.3	105.7
70	10.9	0.0	0.0#

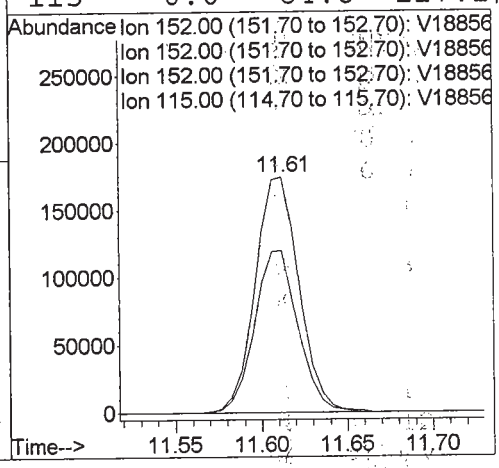


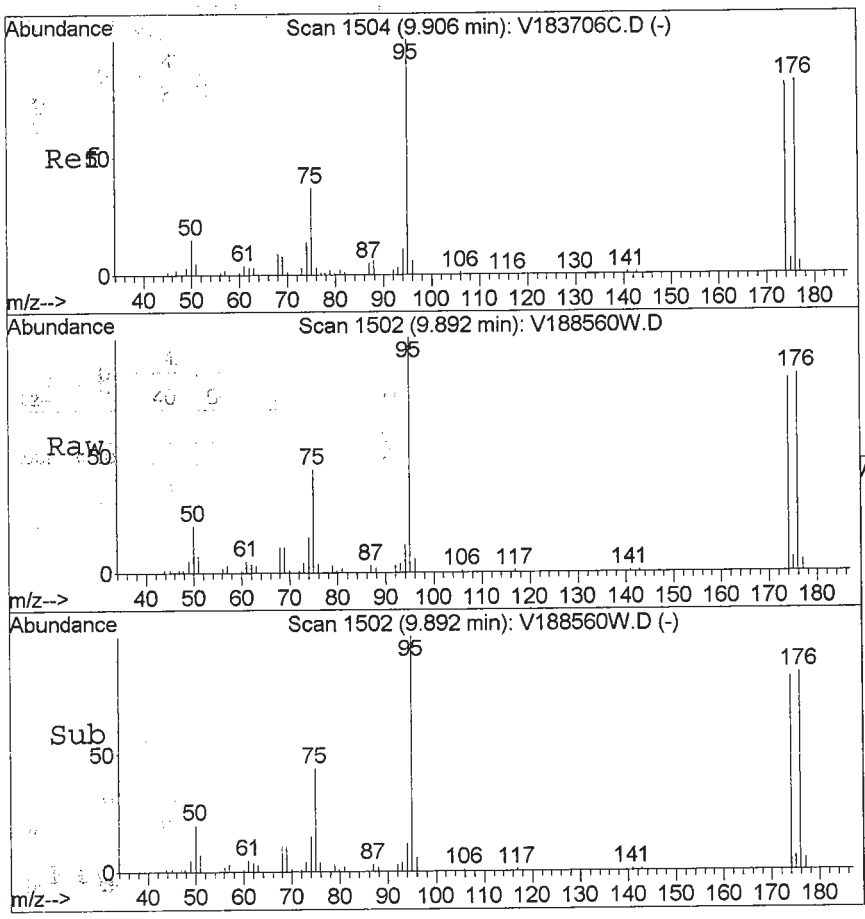


#62
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.00 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion:152 Resp: 309688

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

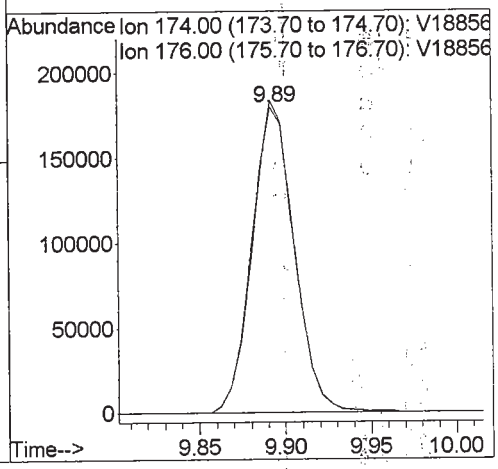




#64
p-Bromofluorobenzene (SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion:174 Resp: 312349

Ion	Ratio	Lower	Upper
174	100		
176	99.1	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-18 File ID: V188561W.D

Sampled: 04/23/13 12:20 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 14:34

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-18 File ID: V188561W.D

Sampled: 04/23/13 12:20 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 14:34

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.3	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.4	111	72.6 - 129	
p-Bromofluorobenzene	50.0	51.1	102	63.5 - 145	
Toluene-d8	50.0	48.0	95.9	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188561W.D
Acq On : 29 Apr 2013 2:34 pm
Sample : 13D0938-18
Misc : QBV1042913A 8260 ASPB
MS Integration Params: RTEINT1.P

Vial: 10
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 30 15:11 2013 Quant Results File: V1C00360.RES

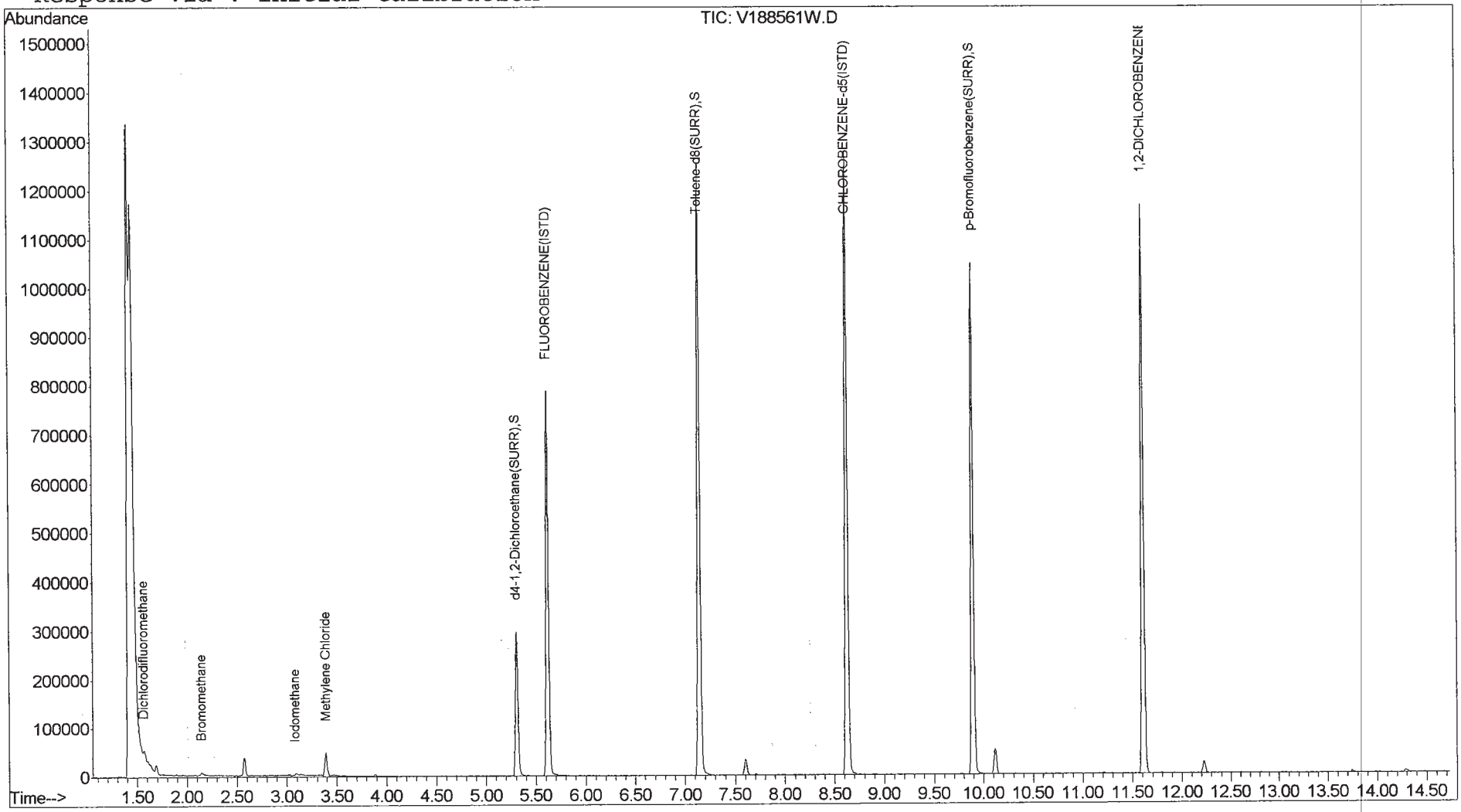
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

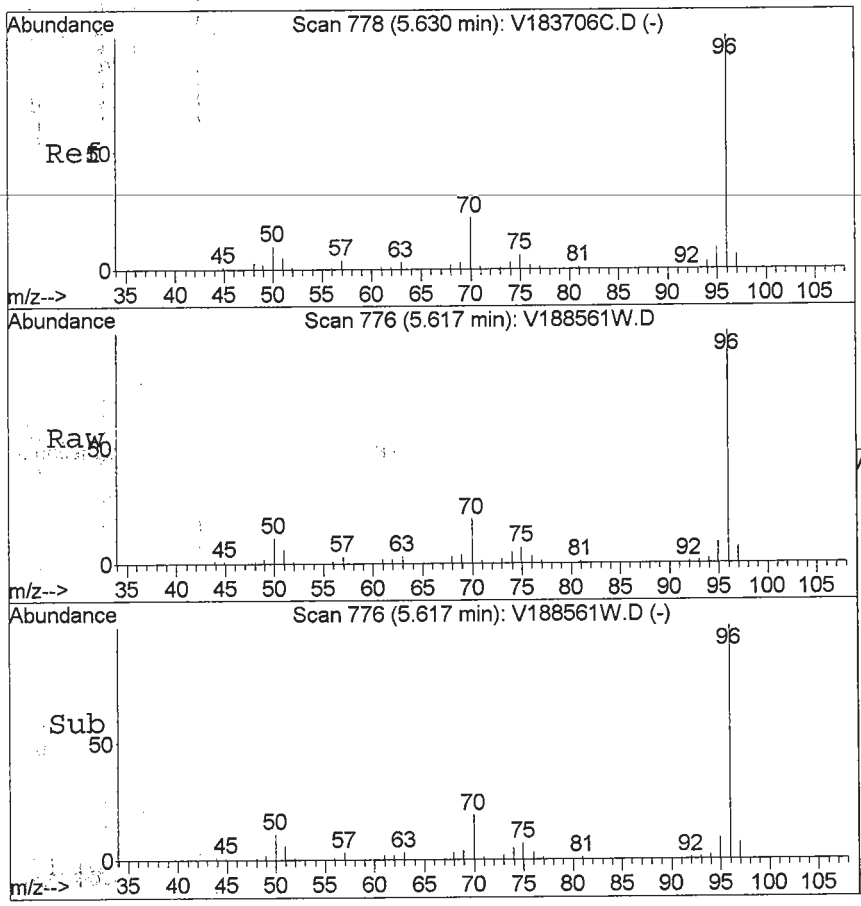
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	135904	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	775047	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	321199	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	218813	55.36	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 110.72%				
47) Toluene-d8(SURR)	7.14	98	797103	47.97	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.94%				
64) p-Bromofluorobenzene(SURR)	9.89	174	331615	51.08	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	9166	0.80	ppb		97
5) Bromomethane	2.15	94	7633	1.75	ppb	#	76
12) Iodomethane	3.09	142	6789	1.44	ppb	#	77
17) Methylene Chloride	3.39	49	20644	3.26	ppb	#	80

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188561W.D Vial: 10
Acq On : 29 Apr 2013 2:34 pm Operator: SS
Sample : 13D0938-18 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:11 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

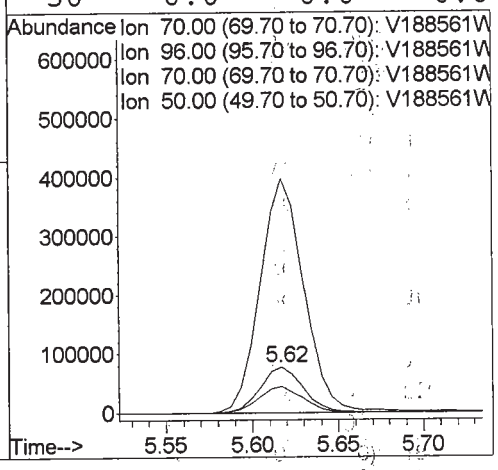


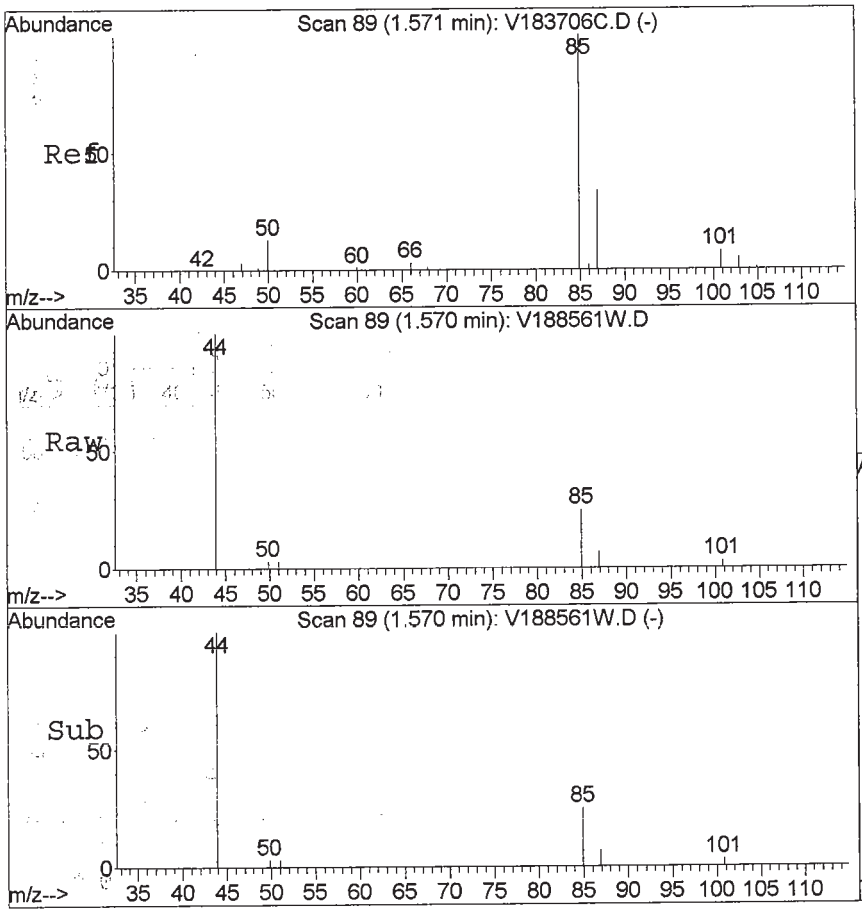


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 70 Resp: 135904

Ion	Ratio	Lower	Upper
70	100		
96	518.6	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

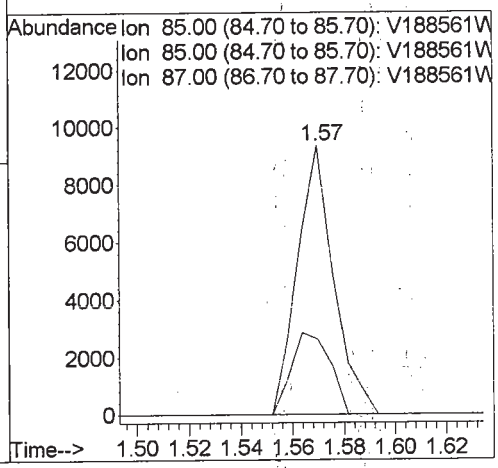


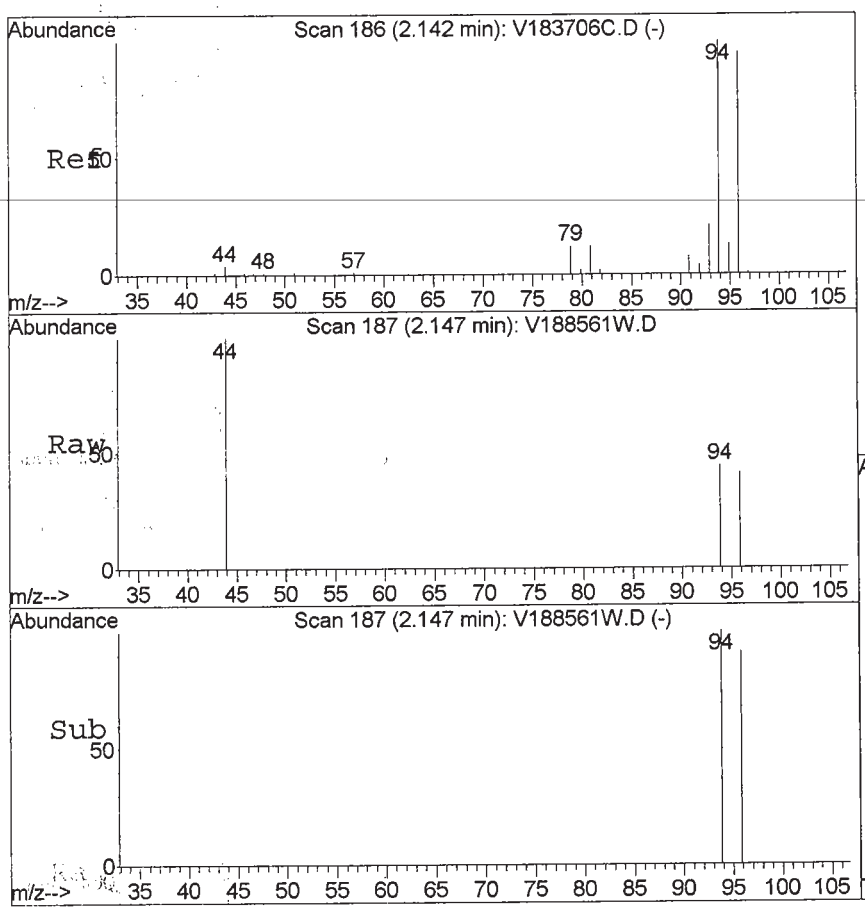


#2
Dichlorodifluoromethane
Concen: 0.80 ppb
RT: 1.57 min Scan# 89
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 85 Resp: 9166

Ion	Ratio	Lower	Upper
85	100		
85	100.0	70.0	130.0
87	28.2	17.3	51.7

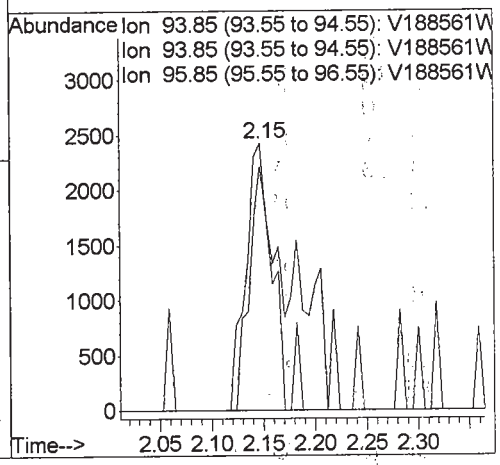


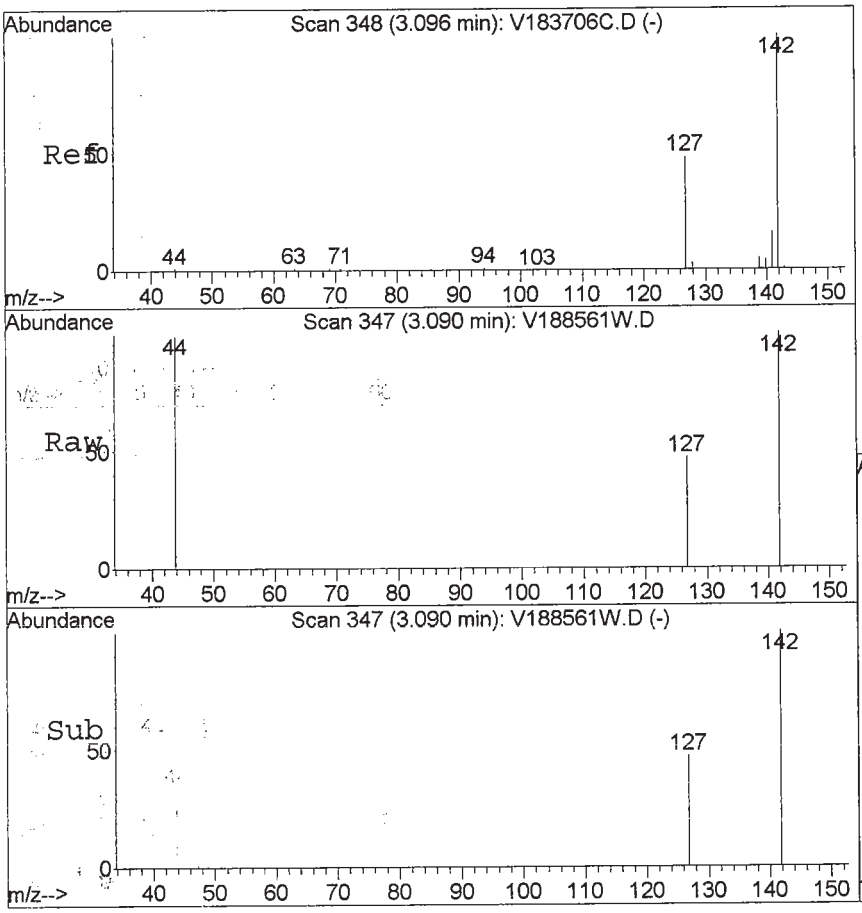


#5
Bromomethane
Concen: 1.75 ppb
RT: 2.15 min Scan# 187
Delta R.T. 0.00 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 94 Resp: 7633

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	49.2	77.5	116.3#

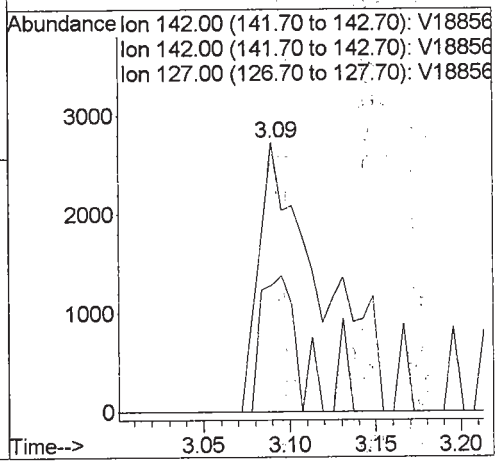


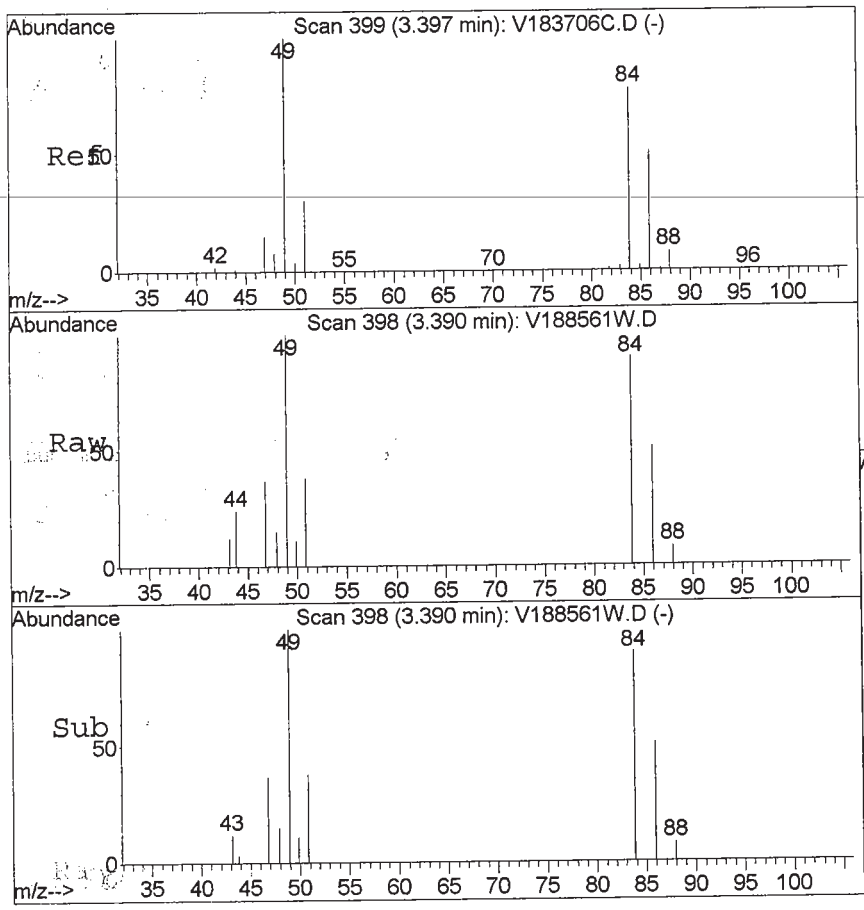


#12
Iodomethane
Concen: 1.44 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion:142 Resp: 6789

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

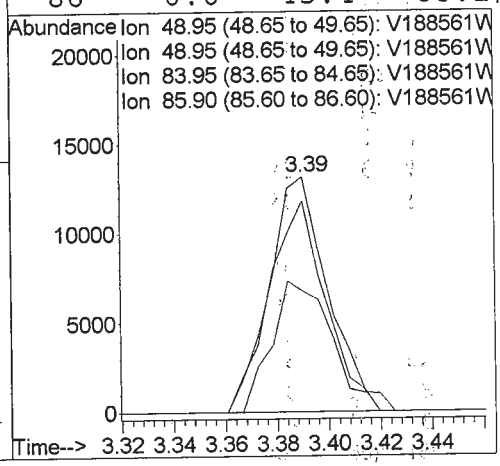


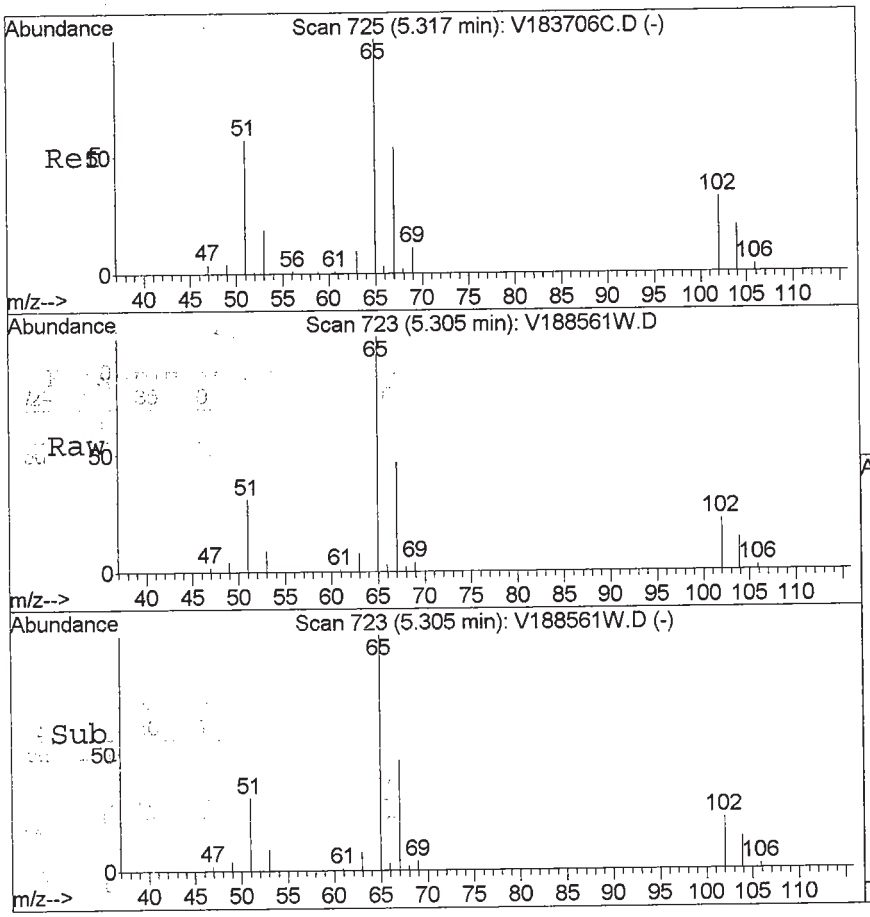


#17
Methylene Chloride
Concen: 3.26 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 49 Resp: 20644

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	87.5	66.3	99.5
86	0.0	45.4	68.2#

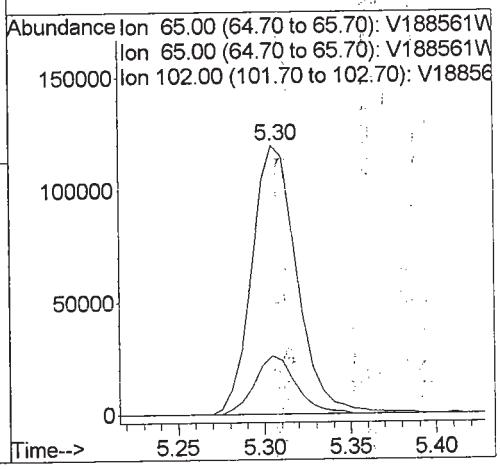


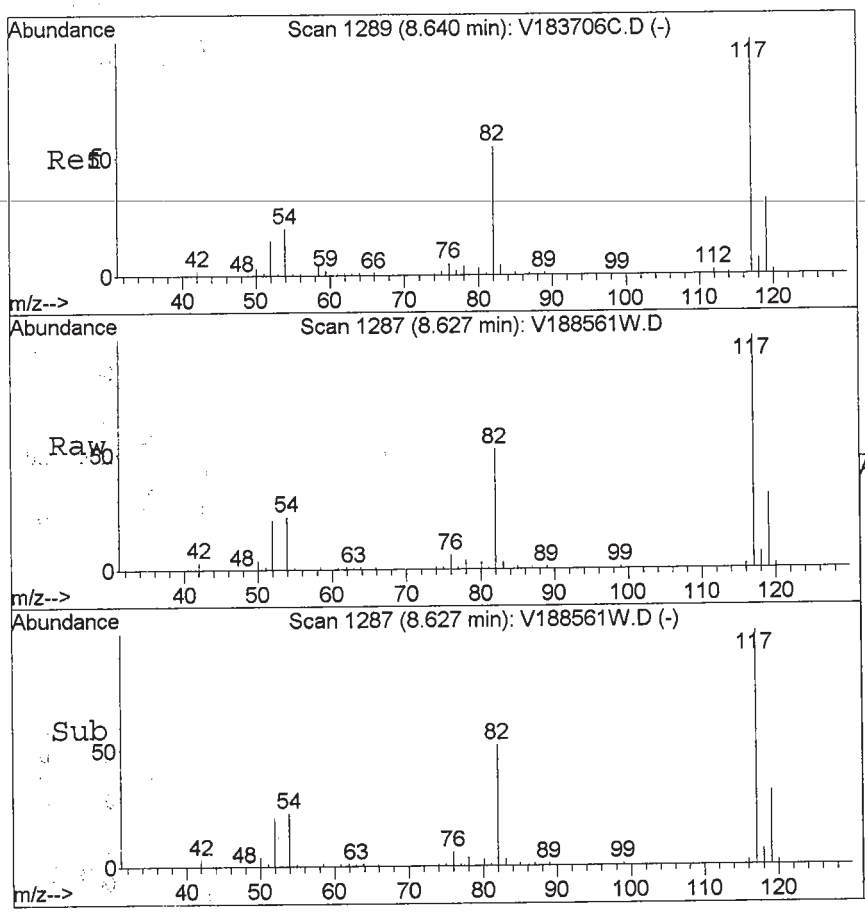


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 65 Resp: 218813

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.3	15.8	23.8

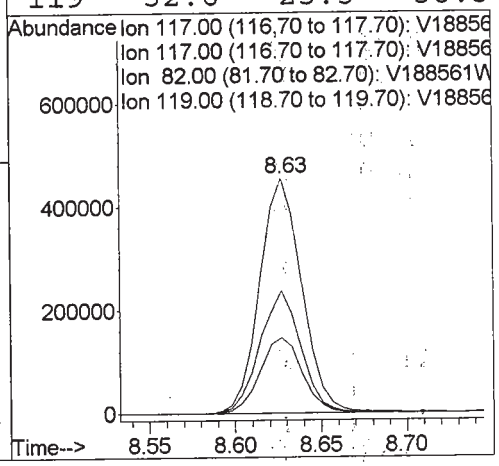


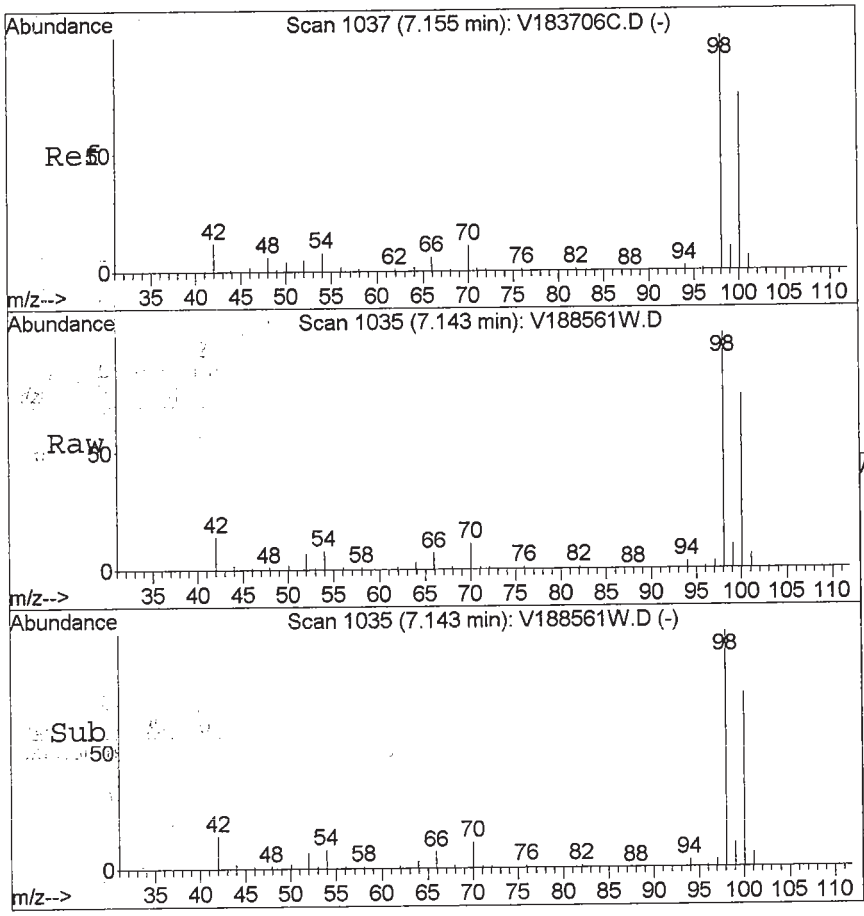


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion:117 Resp: 775047

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.6	25.5	38.3

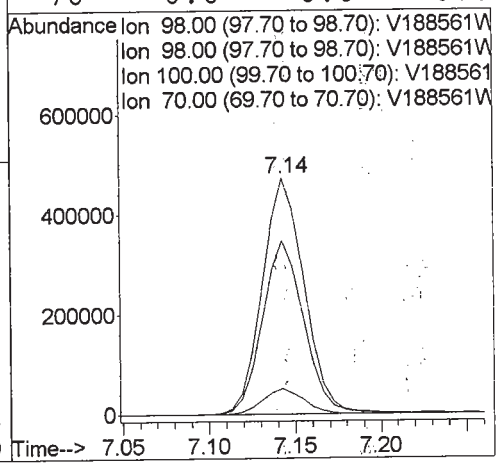


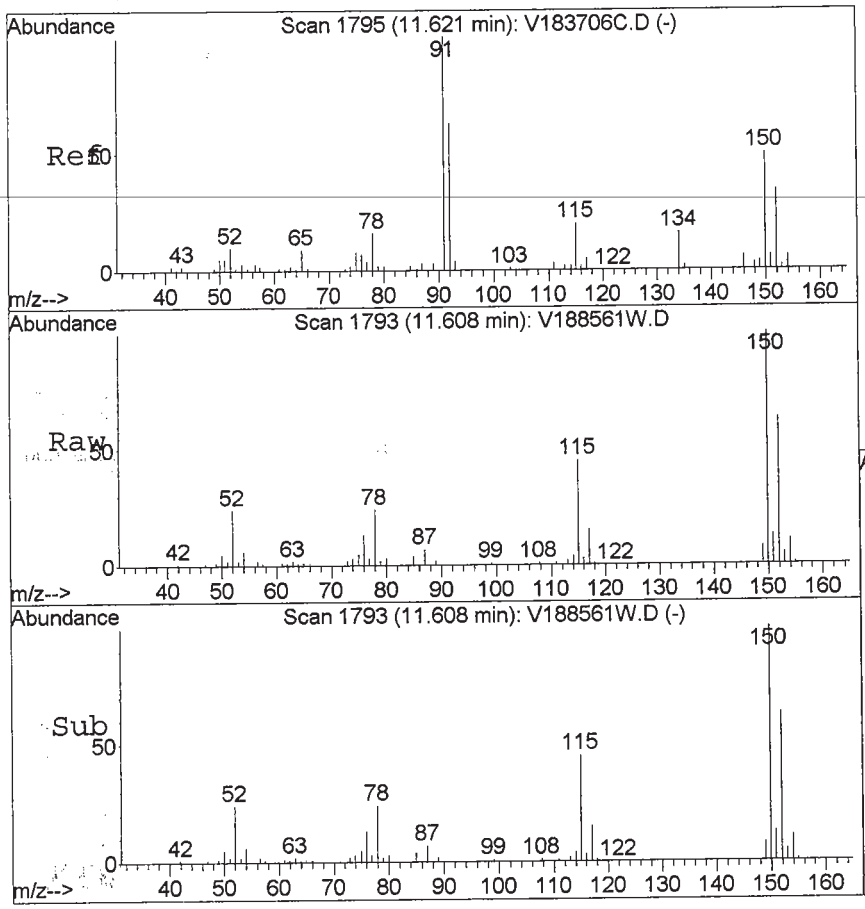


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 98 Resp: 797103

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	72.8	35.3	105.7
70	0.0	0.0	0.0

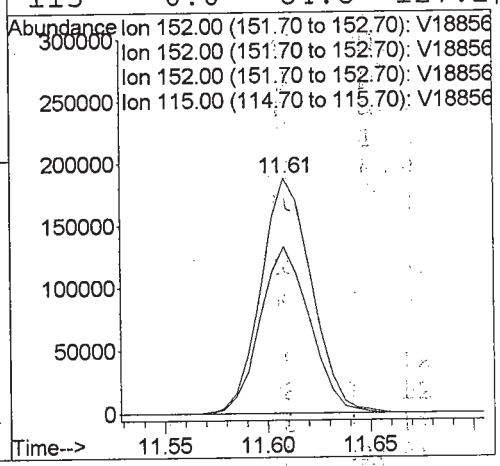


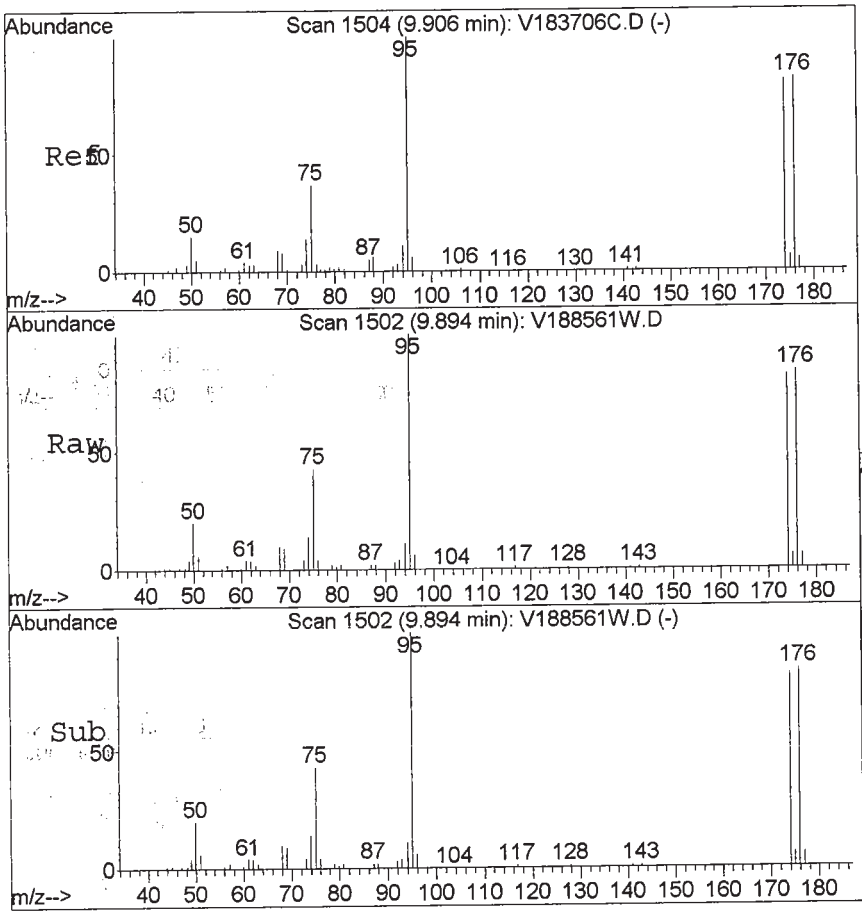


#62
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion:152 Resp: 321199

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

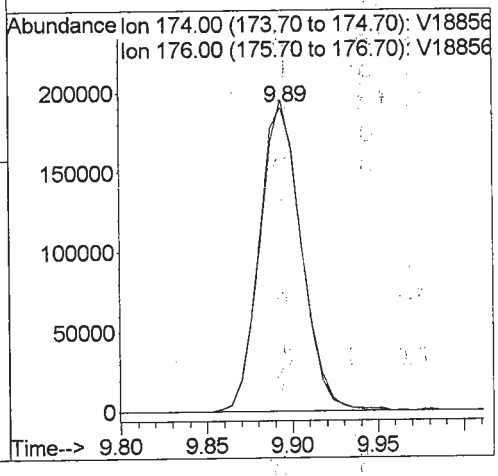




#64
p-Bromofluorobenzene (SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion:174 Resp: 331615

Ion	Ratio	Lower	Upper
174	100		
176	97.9	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-19 File ID: V188562W.D

Sampled: 04/23/13 12:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 15:13

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	2.5	J
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-19 File ID: V188562W.D

Sampled: 04/23/13 12:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 15:13

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.8	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.4	115	72.6 - 129	
p-Bromofluorobenzene	50.0	49.5	99.1	63.5 - 145	
Toluene-d8	50.0	47.4	94.8	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188562W.D
Acq On : 29 Apr 2013 3:13 pm
Sample : 13D0938-19
Misc : QBV1042913A 8260 ASPB
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:12 2013

Vial: 11
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00360.RES

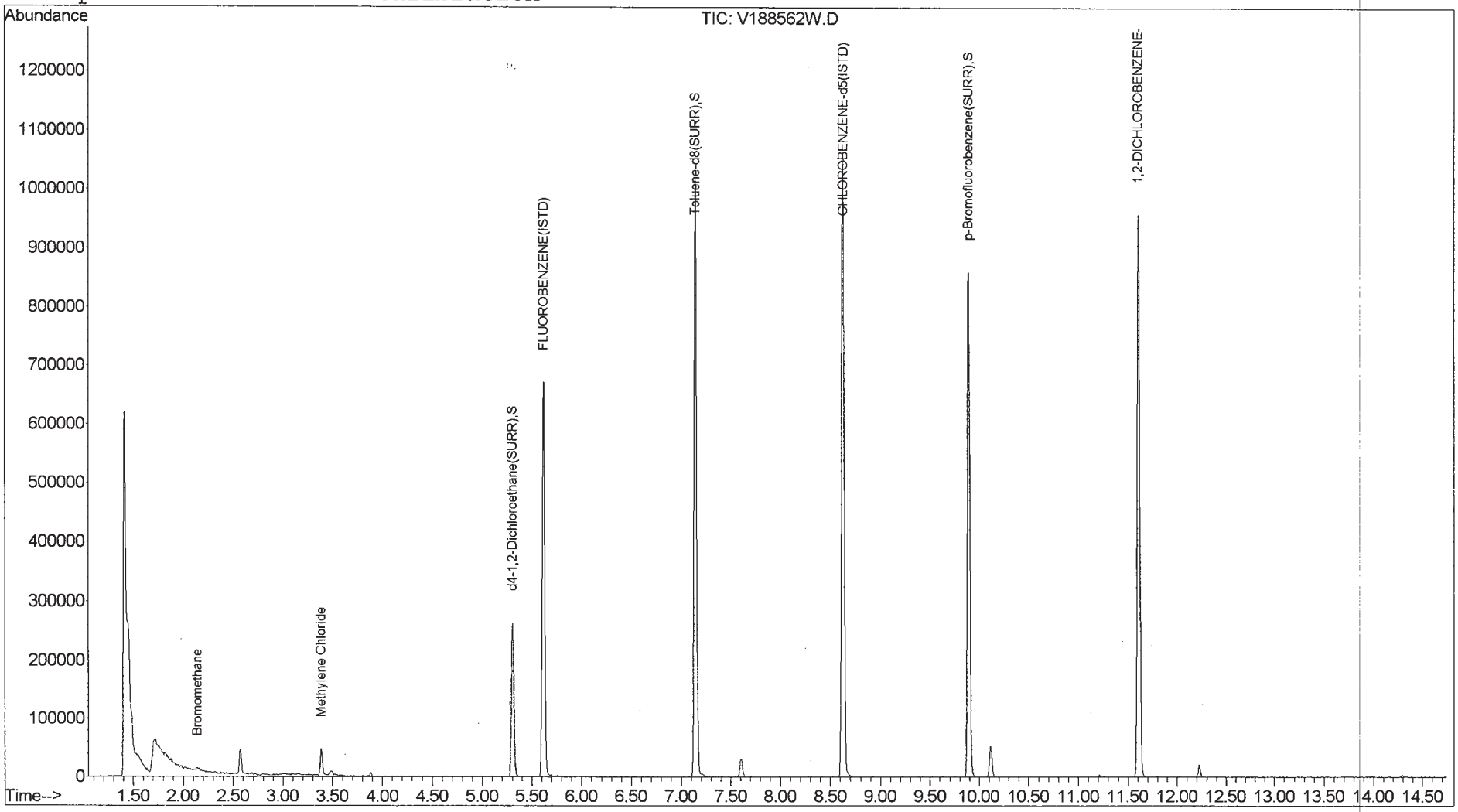
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

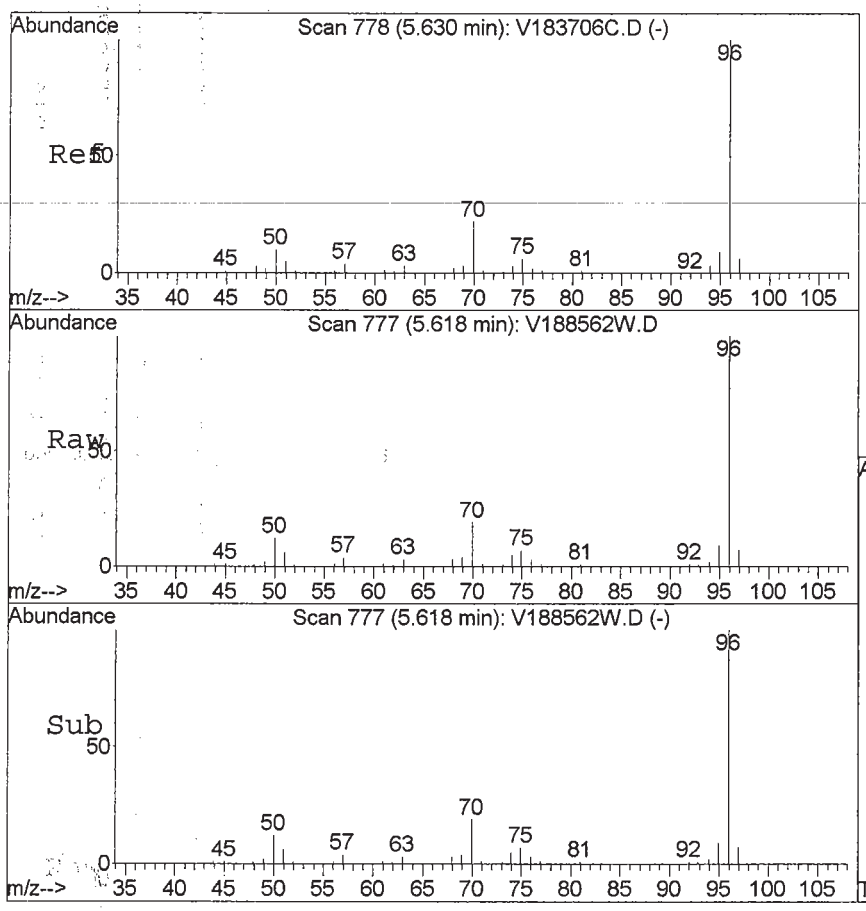
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	110567	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	651395	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	275275	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	184656	57.43	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.86%			
47) Toluene-d8(SURR)	7.14	98	661793	47.39	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.78%			
64) p-Bromofluorobenzene(SURR)	9.89	174	275602	49.53	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.06%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	9031	2.54	ppb	# 72
17) Methylene Chloride	3.39	49	19359	3.76	ppb	95

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188562W.D Vial: 11
Acq On : 29 Apr 2013 3:13 pm Operator: SS
Sample : 13D0938-19 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:12 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

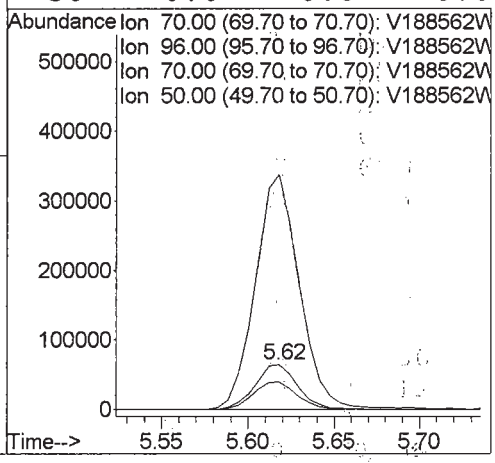


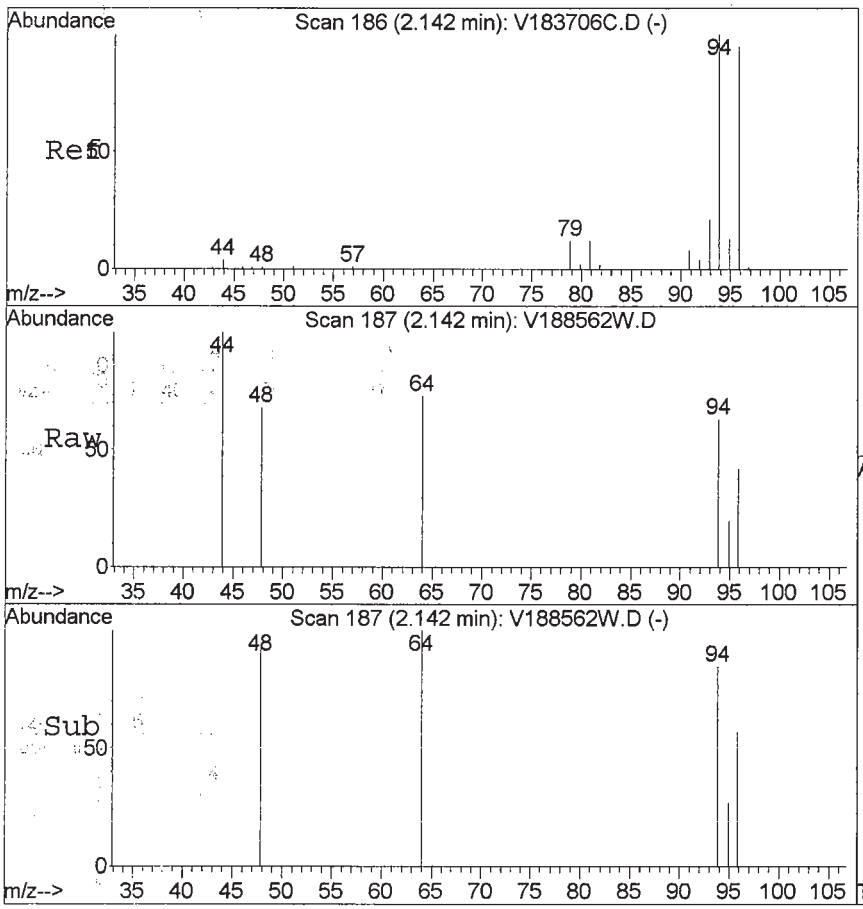


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. -0.00 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 70 Resp: 110567

Ion	Ratio	Lower	Upper
70	100		
96	540.8	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

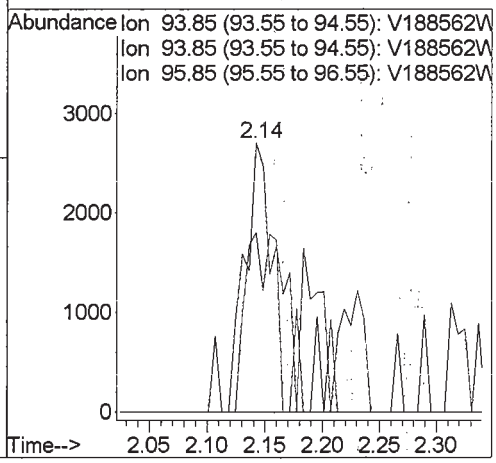


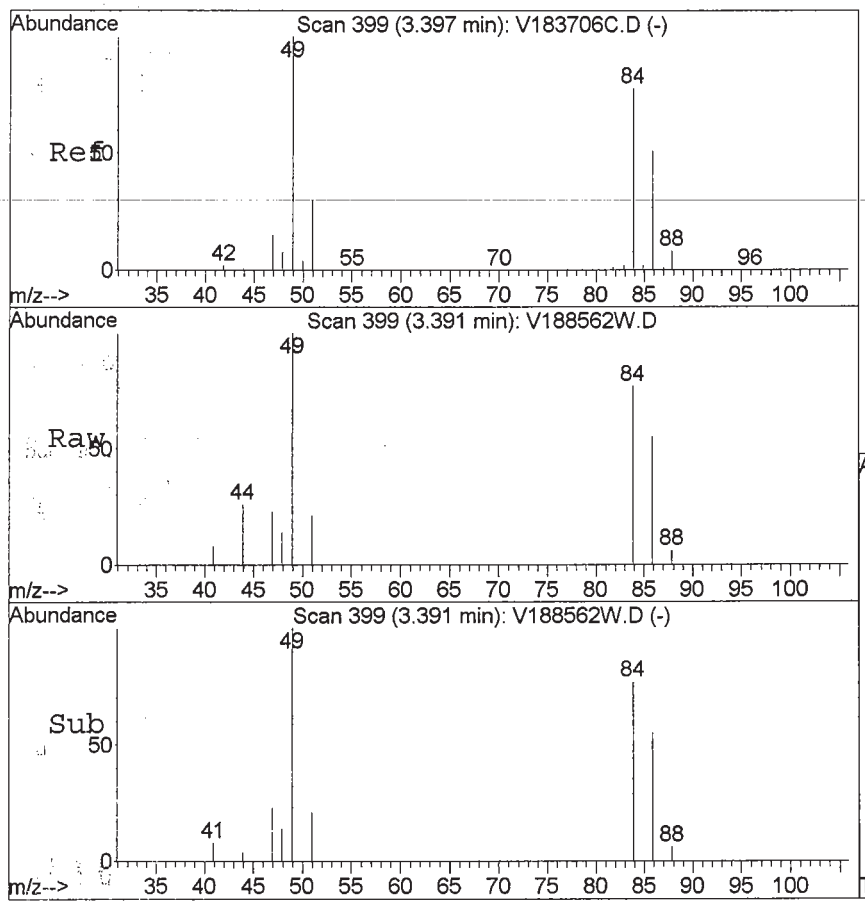


#5
Bromomethane
Concen: 2.54 ppb
RT: 2.14 min Scan# 187
Delta R.T. -0.00 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 94 Resp: 9031

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	40.1	77.5	116.3#

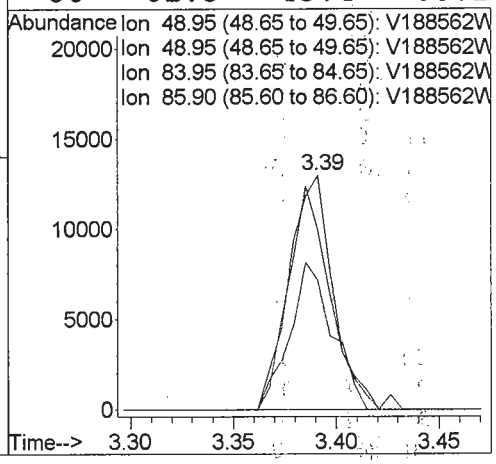


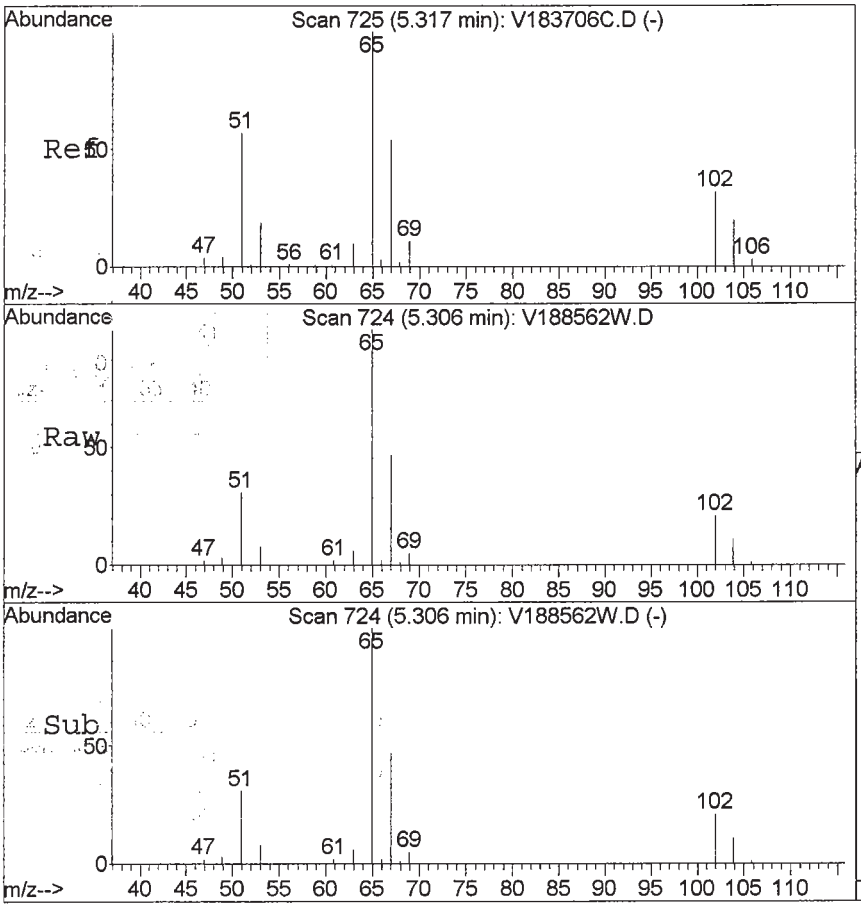


#17
Methylene Chloride
Concen: 3.76 ppb
RT: 3.39 min Scan# 399
Delta R.T. -0.01 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 49 Resp: 19359

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	91.2	66.3	99.5
86	61.3	45.4	68.2

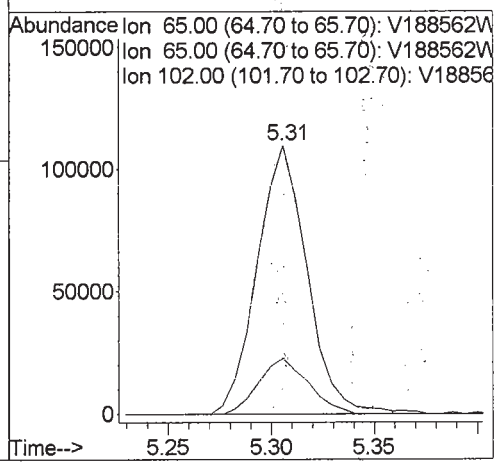


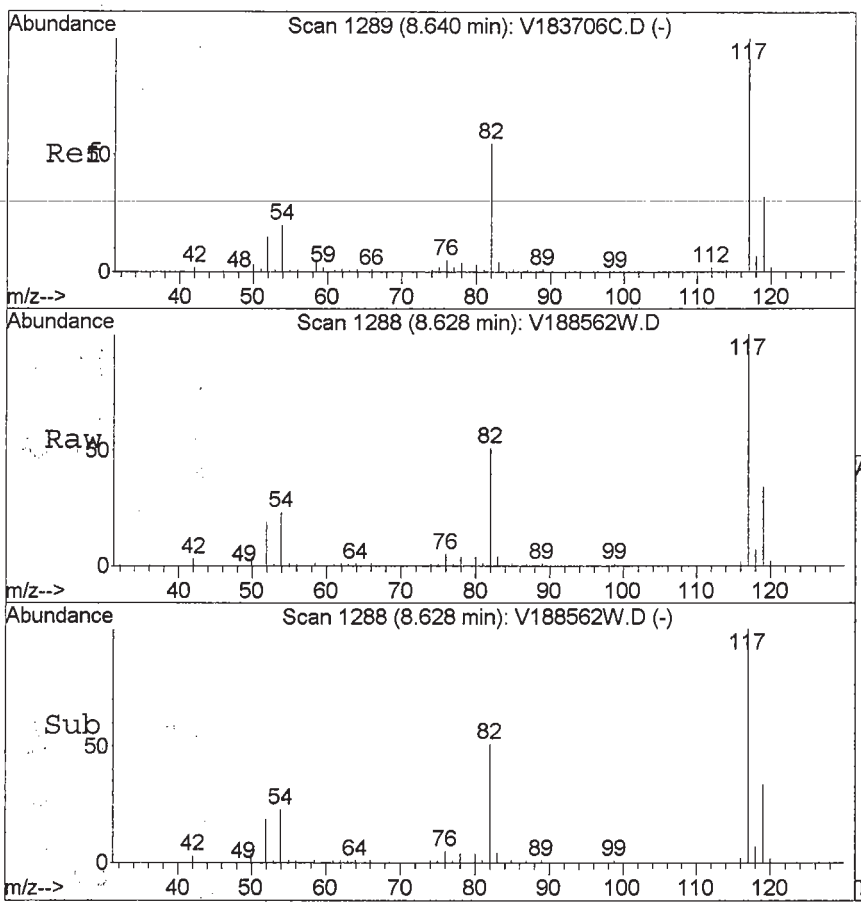


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 65 Resp: 184656

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.8	15.8	23.8

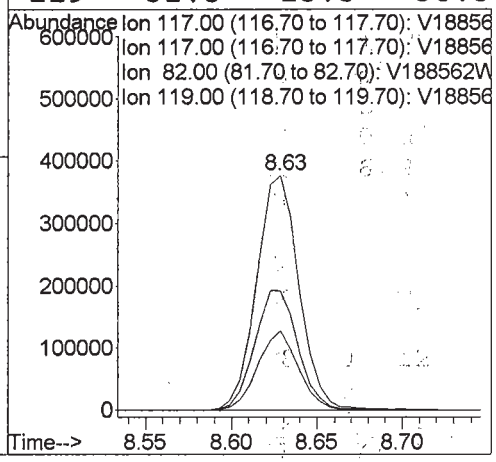


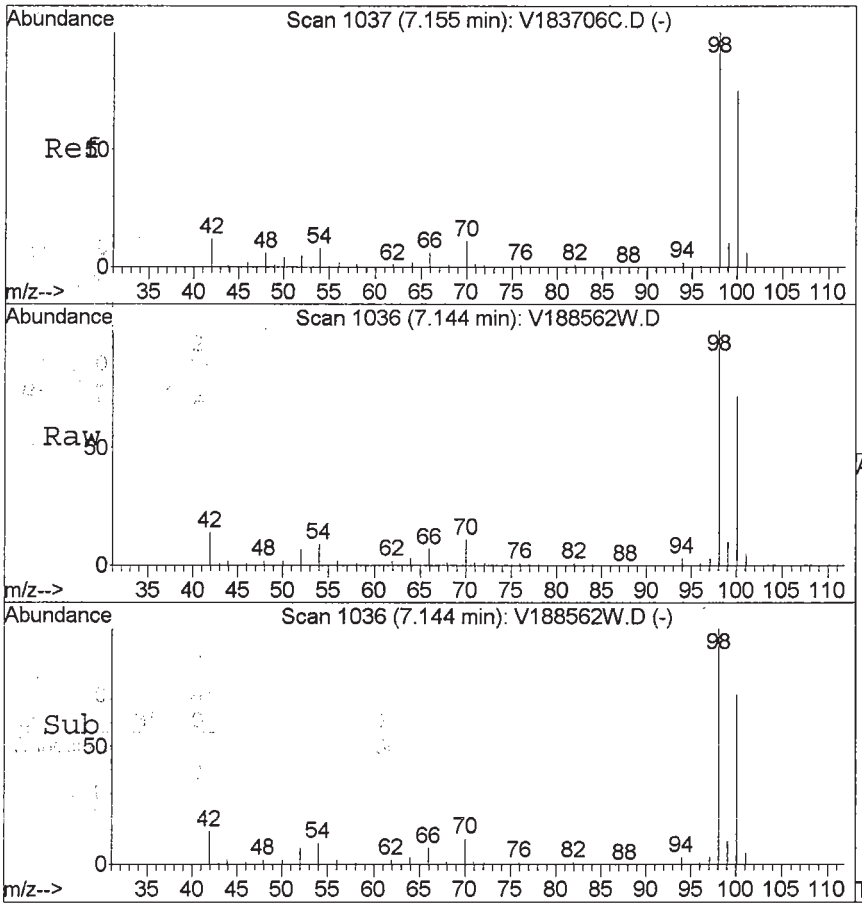


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. -0.00 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion:117 Resp: 651395

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.5	25.5	38.3

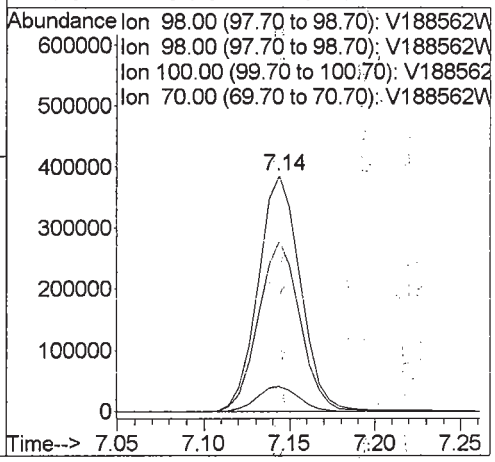


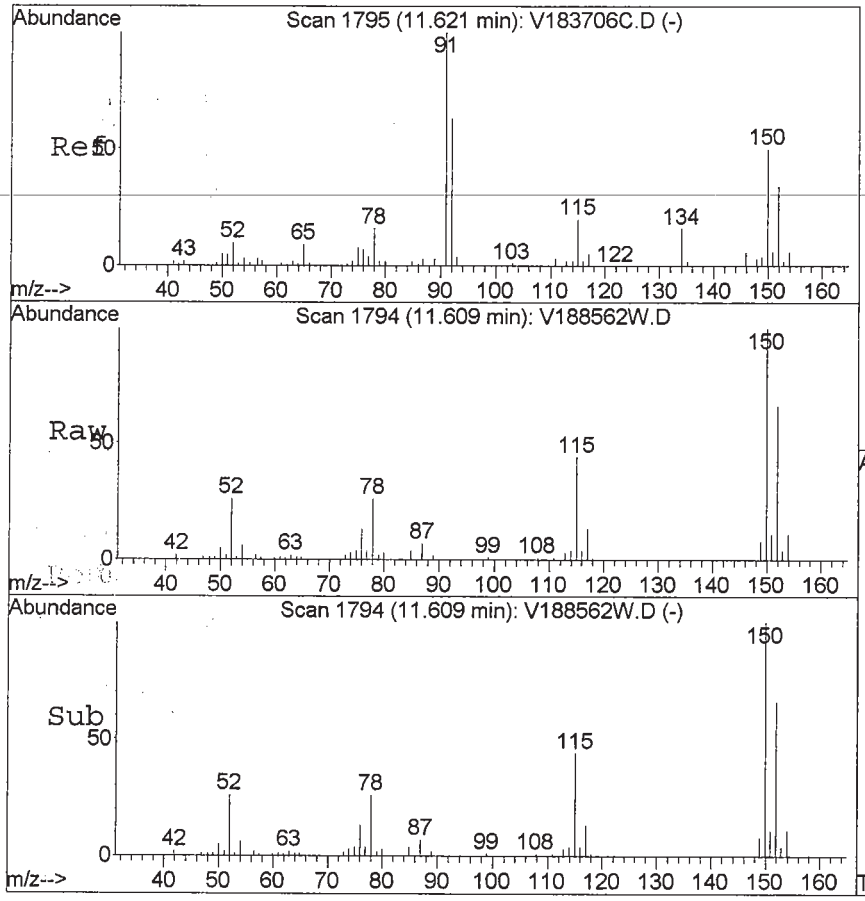


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 98 Resp: 661793

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.4	35.3	105.7
70	0.0	0.0	0.0

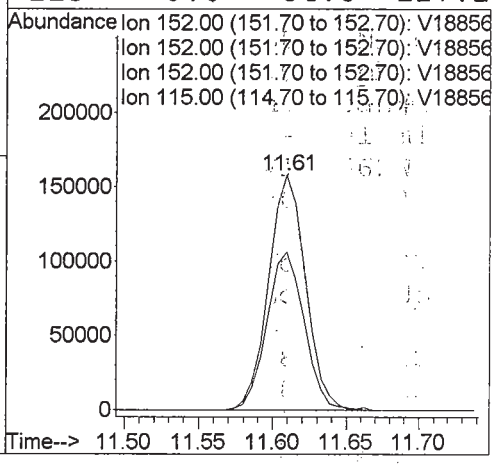


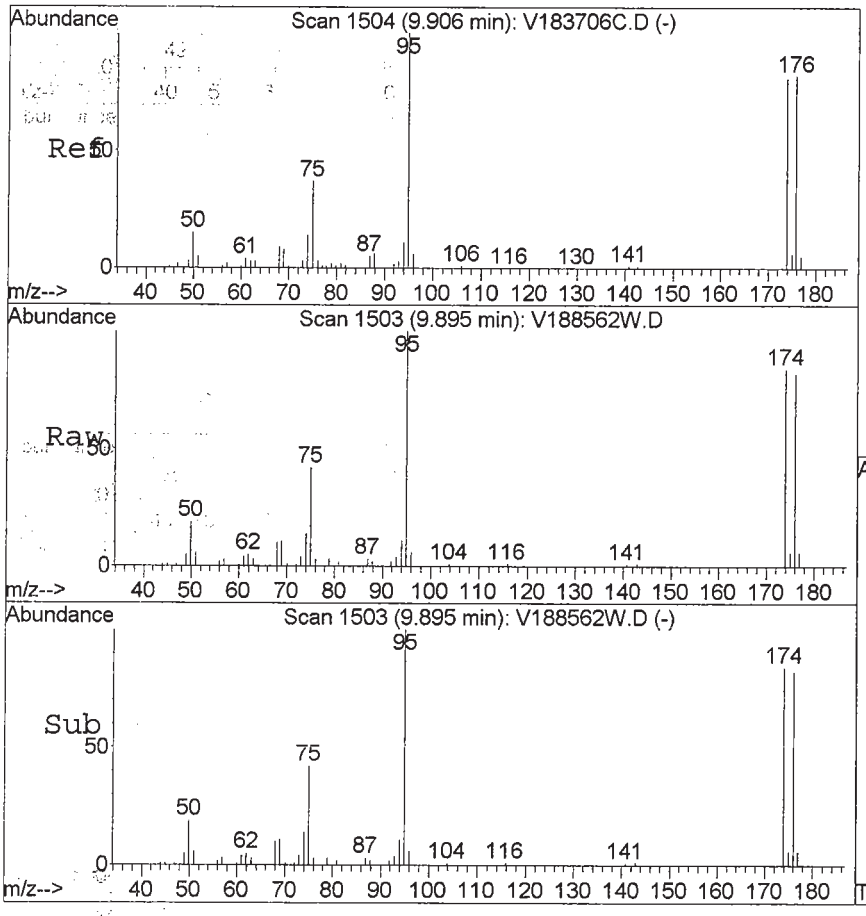


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion:152 Resp: 275275

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

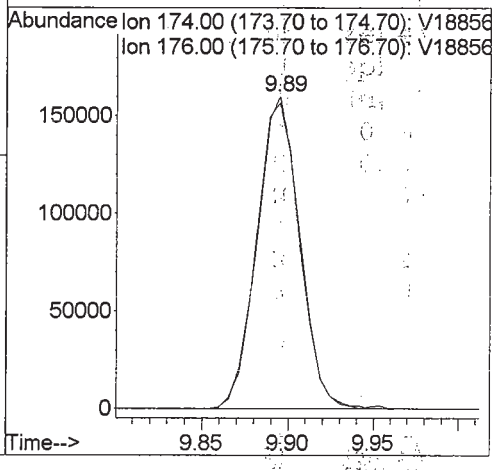




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1503
Delta R.T. -0.00 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion:174 Resp: 275602

Ion	Ratio	Lower	Upper
174	100		
176	99.0	77.4	116.0



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

FB-Field Blank

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-20	File ID:	V188563W.D
Sampled:	04/23/13 09:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 15:51
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

FB-Field Blank

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-20	File ID:	V188563W.D
Sampled:	04/23/13 09:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 15:51
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.6	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.1	114	72.6 - 129	
p-Bromofluorobenzene	50.0	50.7	101	63.5 - 145	
Toluene-d8	50.0	47.8	95.5	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188563W.D Vial: 12
Acq On : 29 Apr 2013 3:51 pm Operator: SS
Sample : 13D0938-20 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

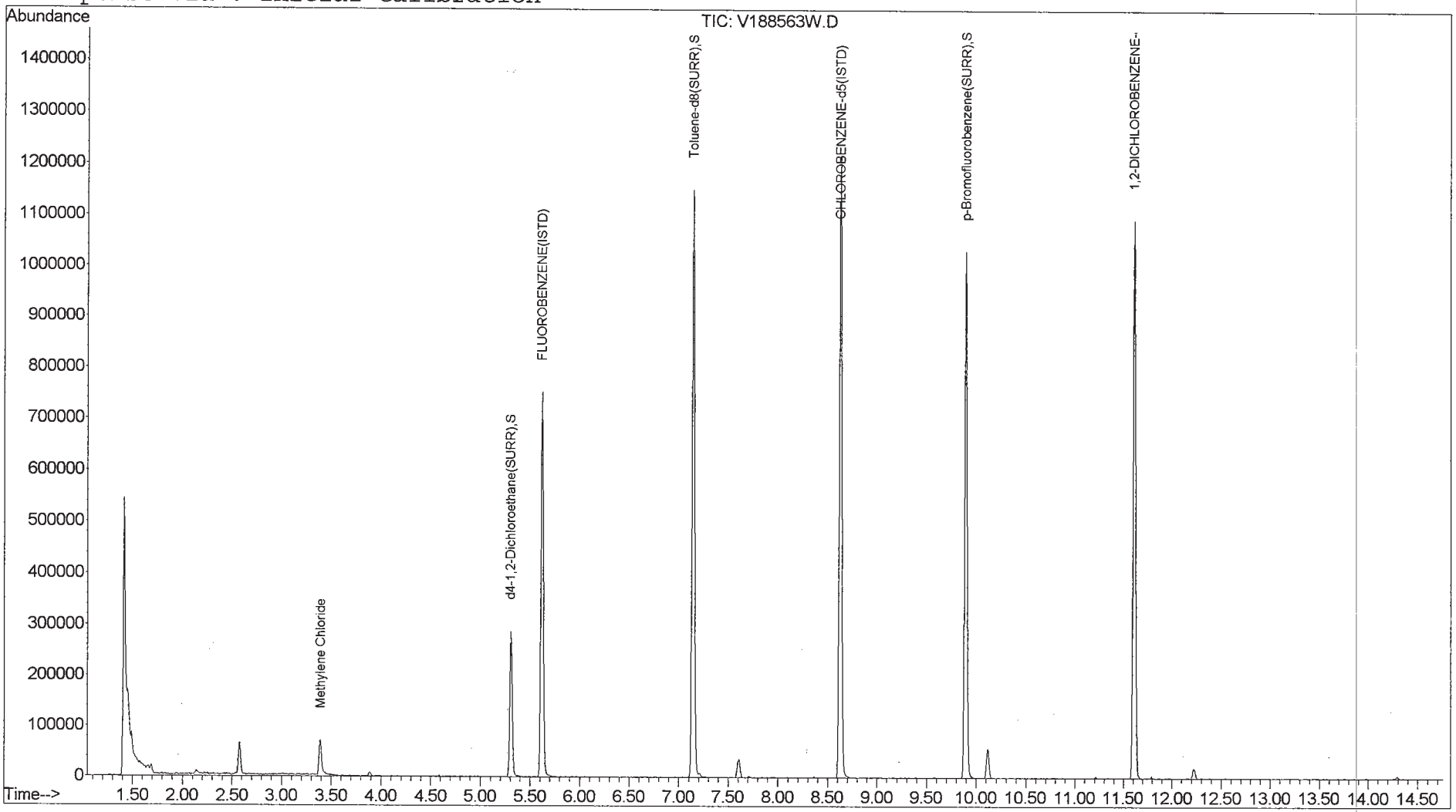
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

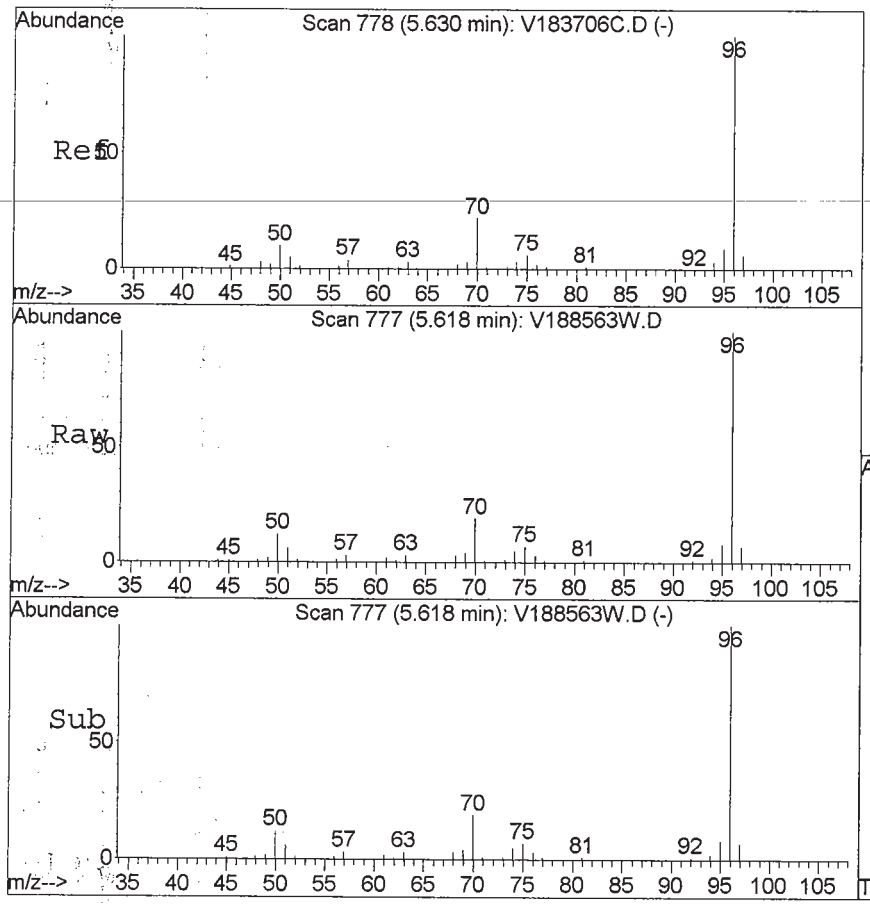
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	125705	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	728928	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	309505	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	208681	57.08	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.16%			
47) Toluene-d8(SURR)	7.14	98	746375	47.76	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.52%			
64) p-Bromofluorobenzene(SURR)	9.89	174	317240	50.71	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.42%			
Target Compounds						Qvalue
17) Methylene Chloride	3.39	49	32741	5.59	ppb	# 81

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188563W.D Vial: 12
Acq On : 29 Apr 2013 3:51 pm Operator: SS
Sample : 13D0938-20 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

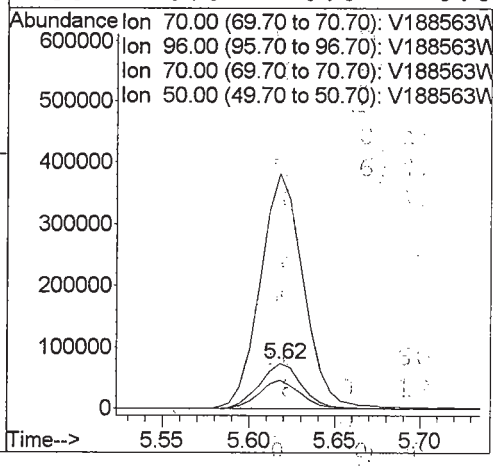


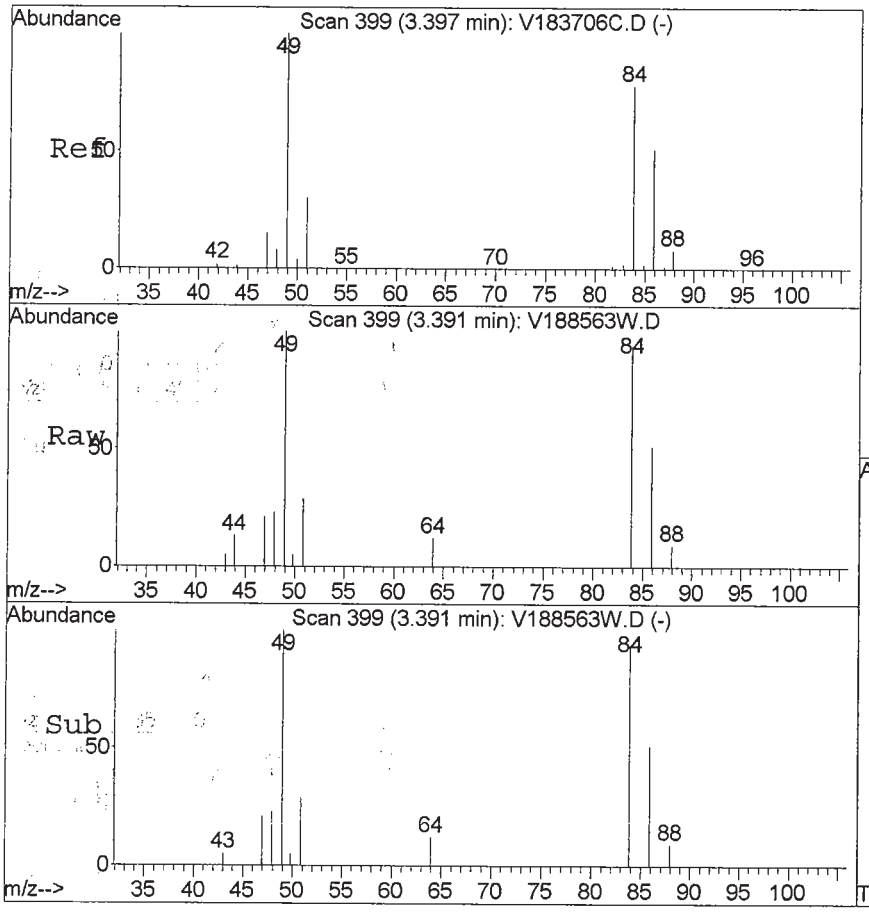


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. -0.00 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion: 70 Resp: 125705

Ion	Ratio	Lower	Upper
70	100		
96	531.9	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

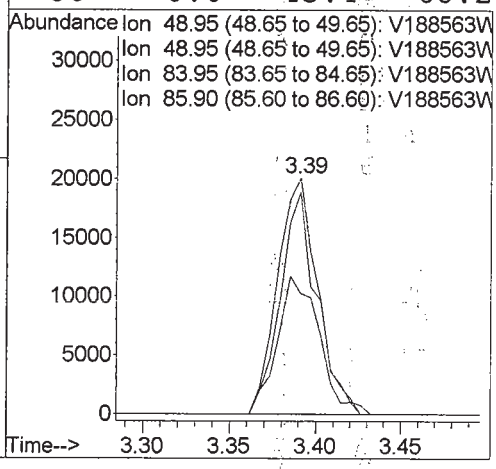


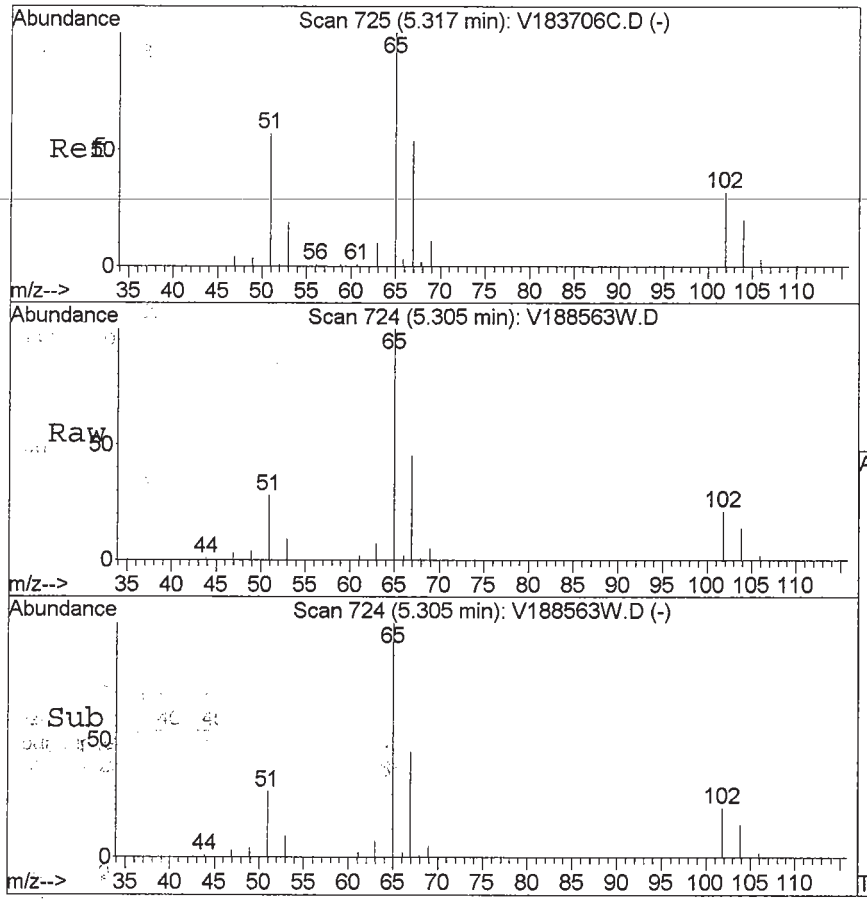


#17
Methylene Chloride
Concen: 5.59 ppb
RT: 3.39 min Scan# 399
Delta R.T. -0.01 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion: 49 Resp: 32741

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	85.8	66.3	99.5
86	0.0	45.4	68.2#

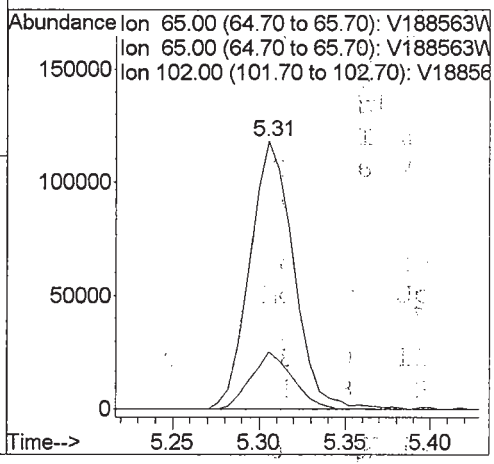


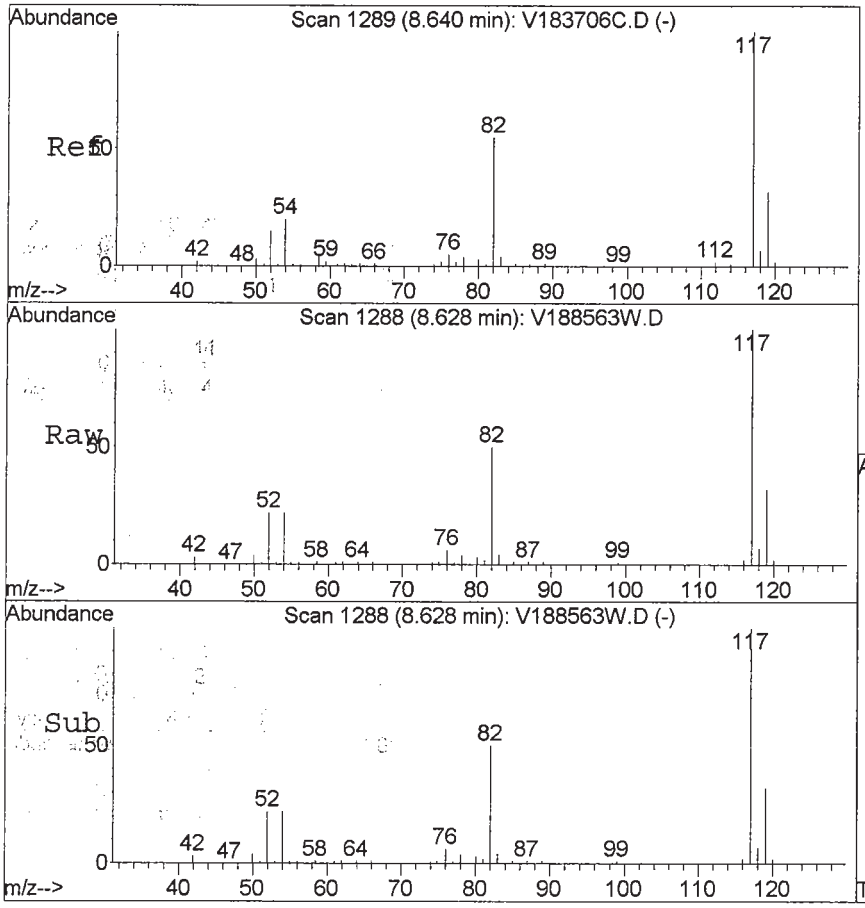


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion: 65 Resp: 208681

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.3	15.8	23.8

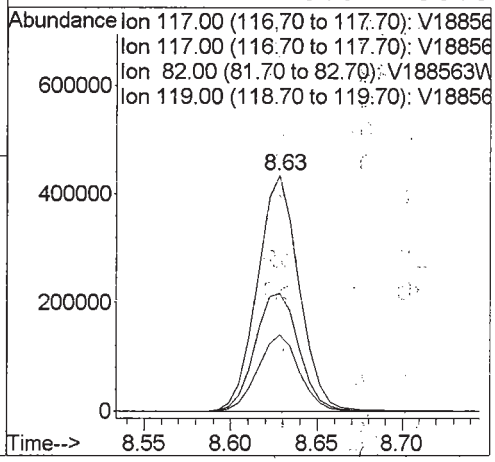


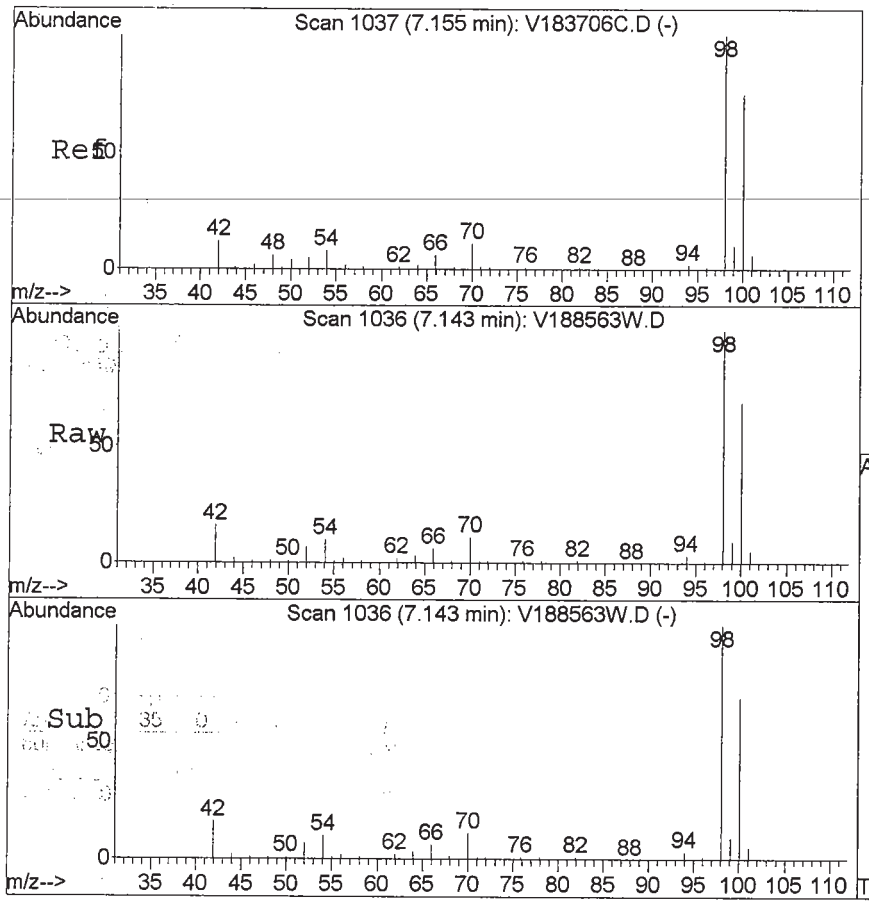


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. -0.00 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion:117 Resp: 728928

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.2	25.5	38.3

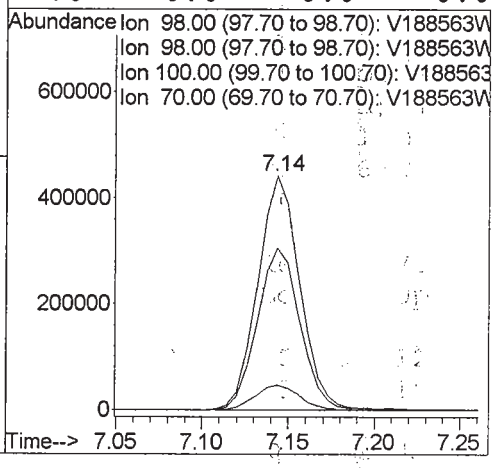


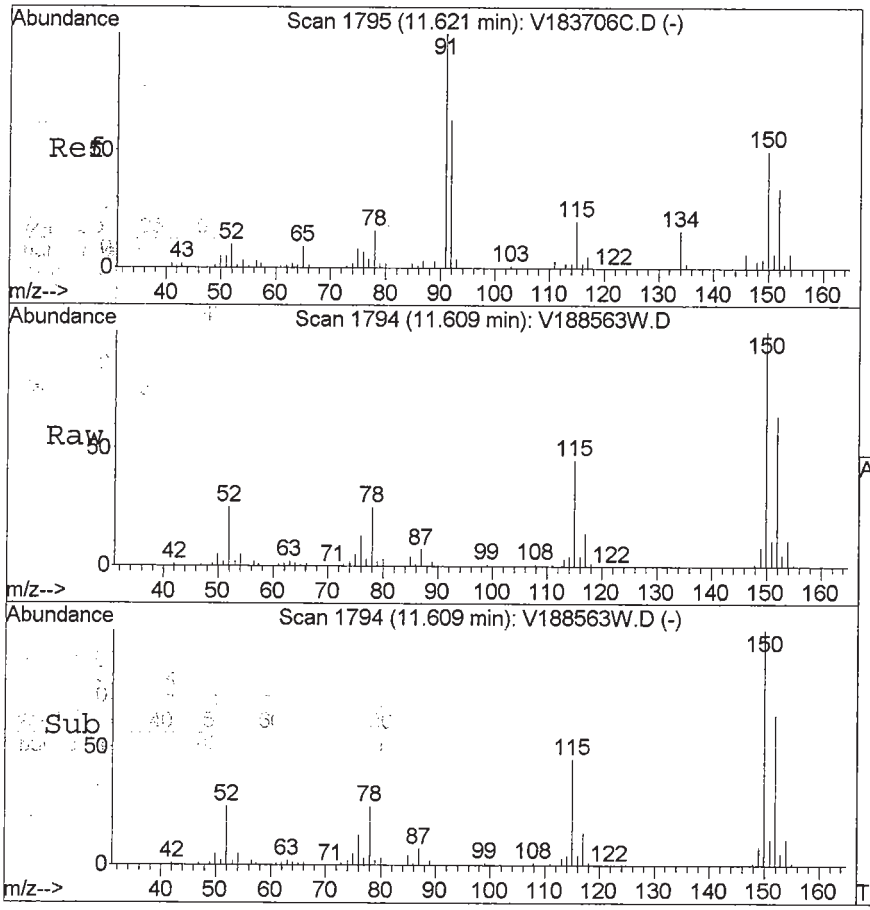


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion: 98 Resp: 746375

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.5	35.3	105.7
70	0.0	0.0	0.0

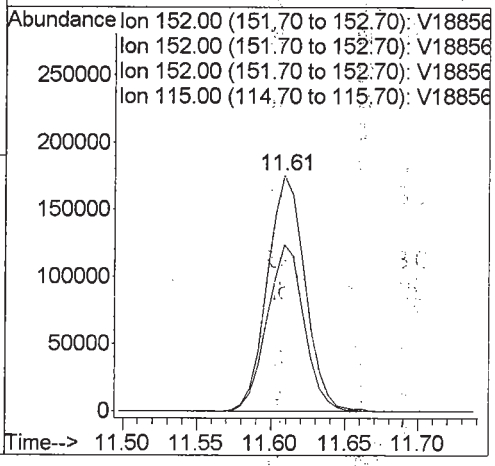


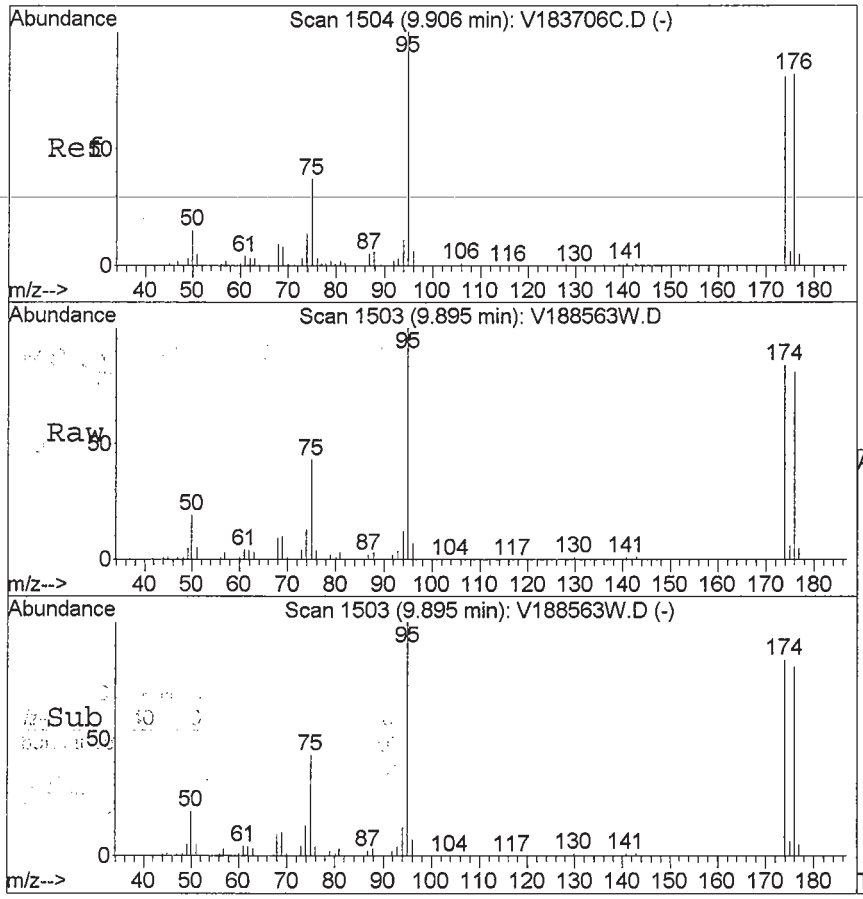


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion:152 Resp: 309505

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

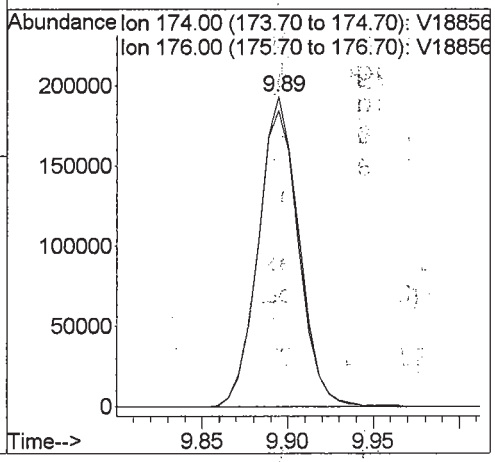




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1503
Delta R.T. -0.00 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion:174 Resp: 317240

Ion	Ratio	Lower	Upper
174	100		
176	96.9	77.4	116.0



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Trip Blanks

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-21	File ID:	V188564W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 16:29
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Trip Blanks

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-21	File ID:	V188564W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 16:29
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.8	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.4	115	72.6 - 129	
p-Bromofluorobenzene	50.0	50.2	100	63.5 - 145	
Toluene-d8	50.0	48.3	96.6	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188564W.D Vial: 13
Acq On : 29 Apr 2013 4:29 pm Operator: SS
Sample : 13D0938-21 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

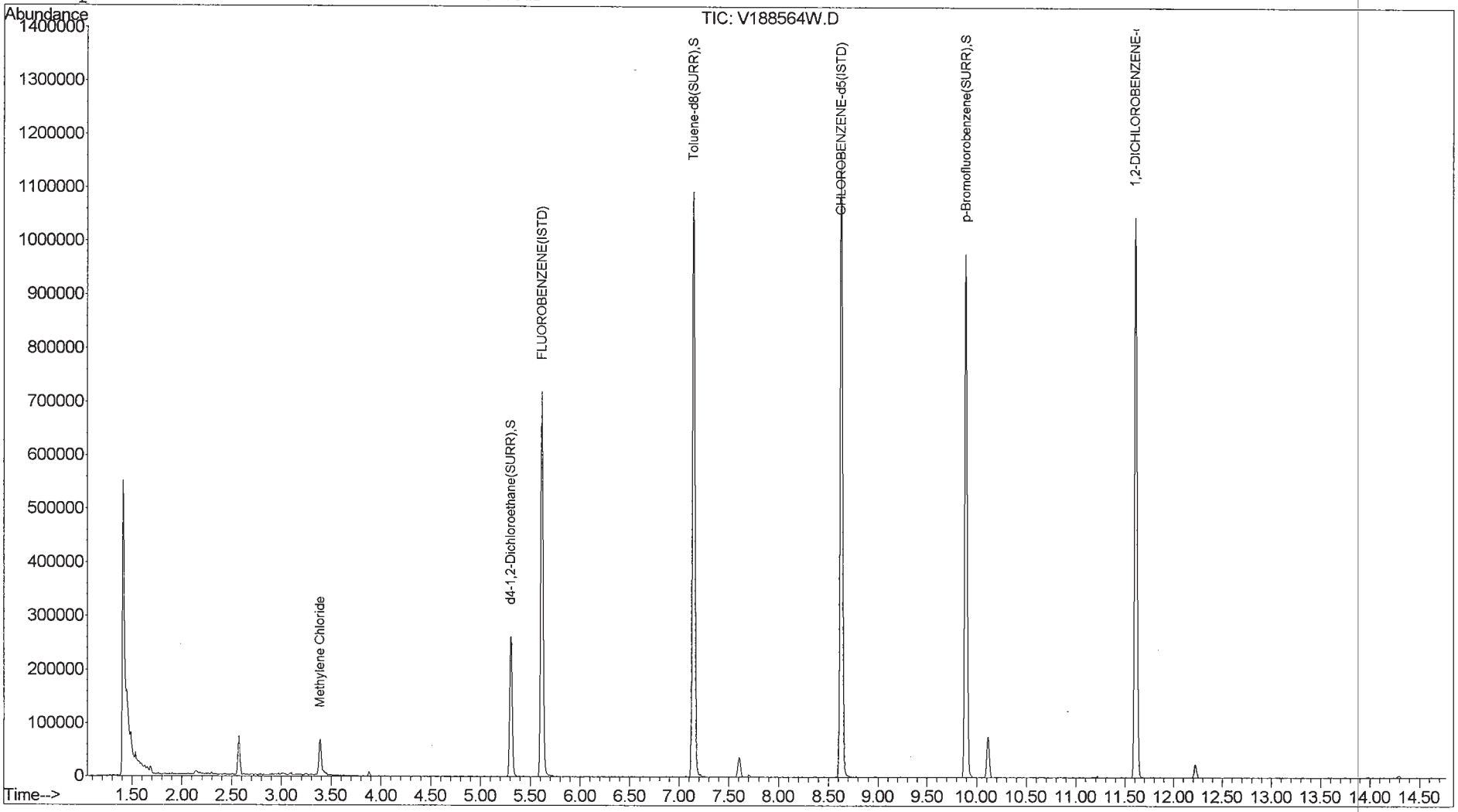
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	118497	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	696529	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	296794	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	197704	57.37	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.74%			
47) Toluene-d8(SURR)	7.14	98	721522	48.32	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.64%			
64) p-Bromofluorobenzene(SURR)	9.89	174	300896	50.16	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.32%			
Target Compounds						Qvalue
17) Methylene Chloride	3.39	49	32104	5.81	ppb	97

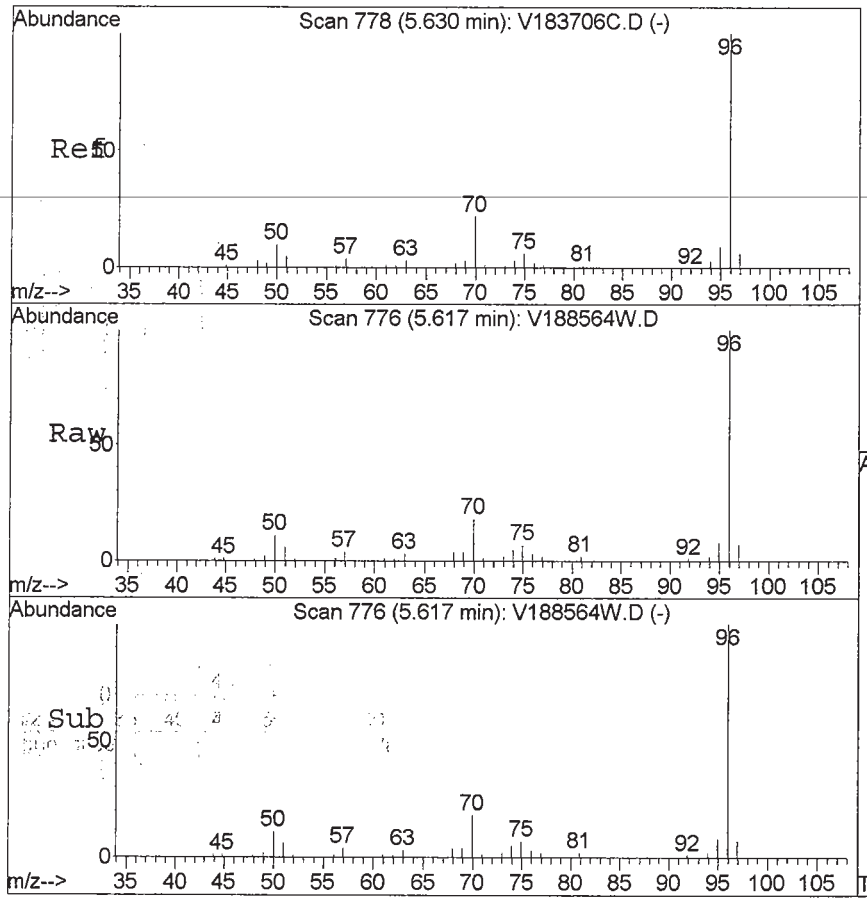
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1042913\V188564W.D Vial: 13
Acq On : 29 Apr 2013 4:29 pm Operator: SS
Sample : 13D0938-21 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

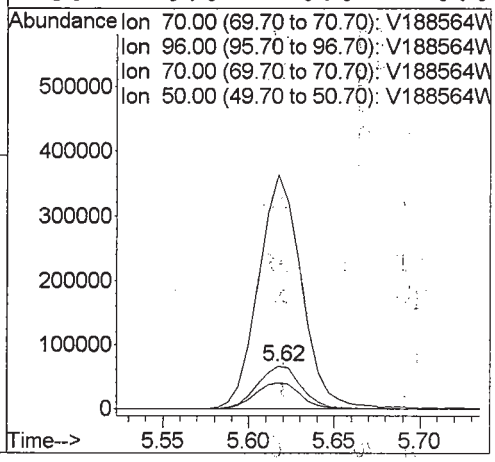


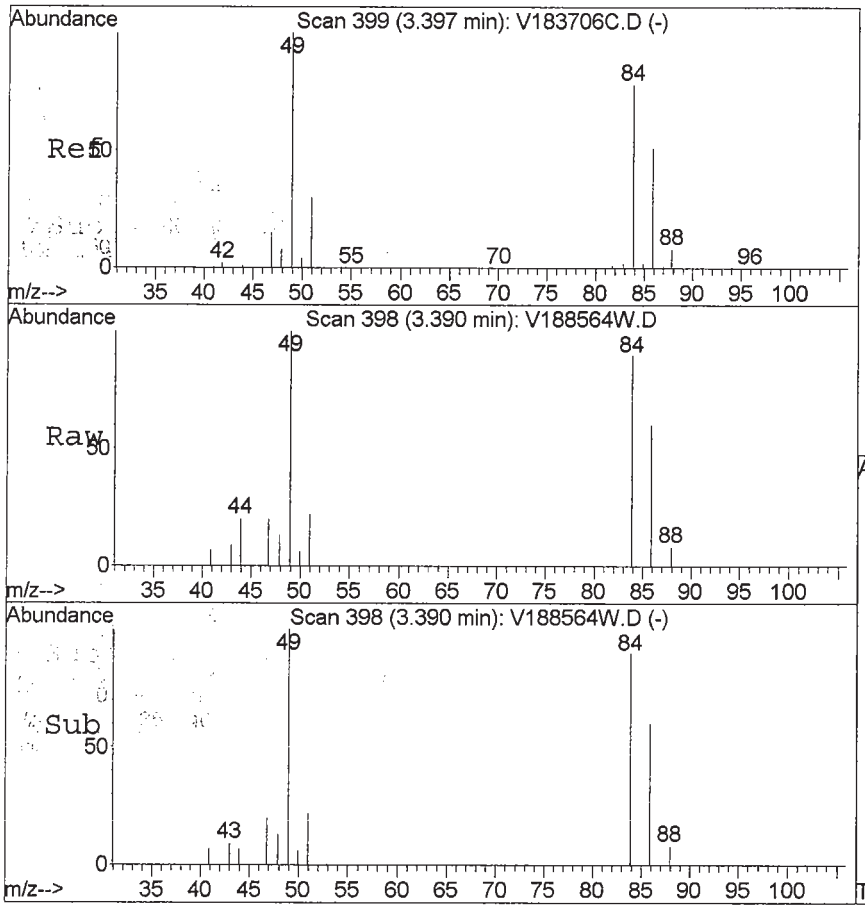


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion: 70 Resp: 118497

Ion	Ratio	Lower	Upper
70	100		
96	539.8	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

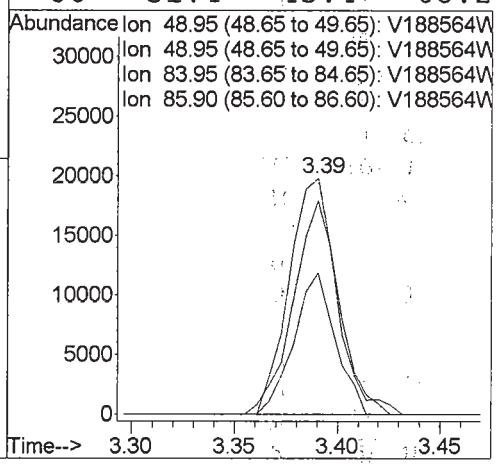


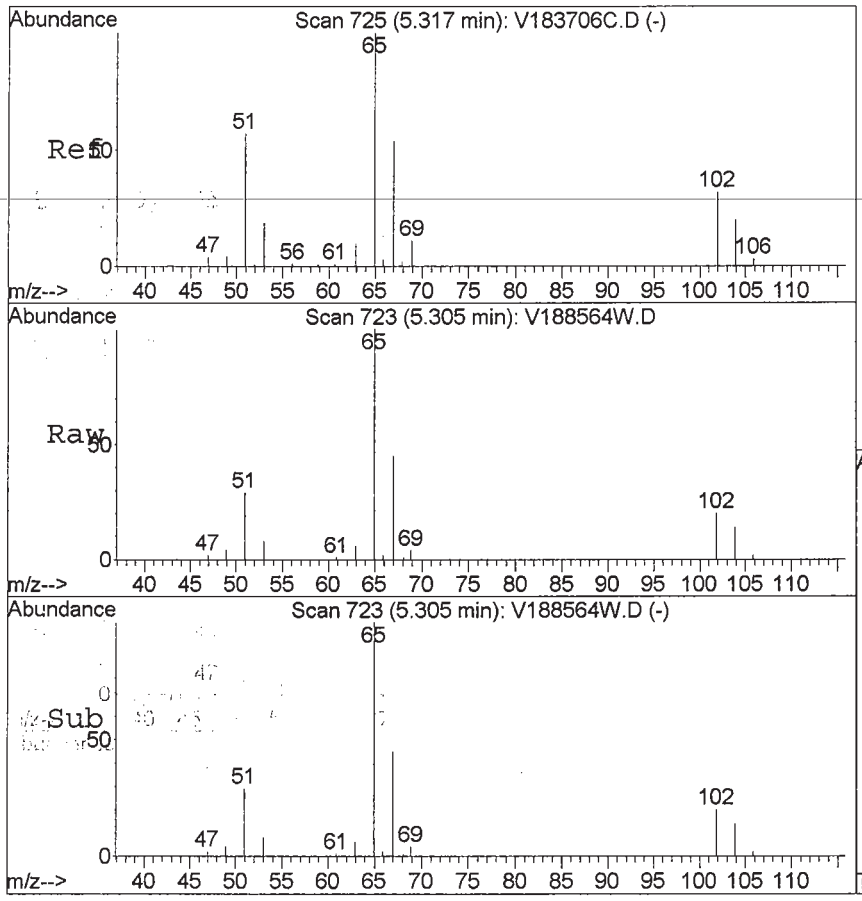


#17
Methylene Chloride
Concen: 5.81 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion: 49 Resp: 32104

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	85.0	66.3	99.5
86	51.4	45.4	68.2

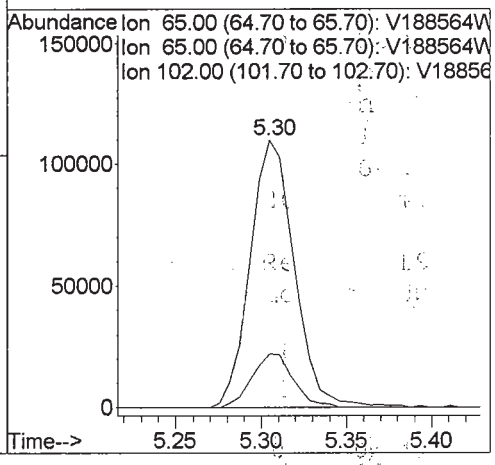


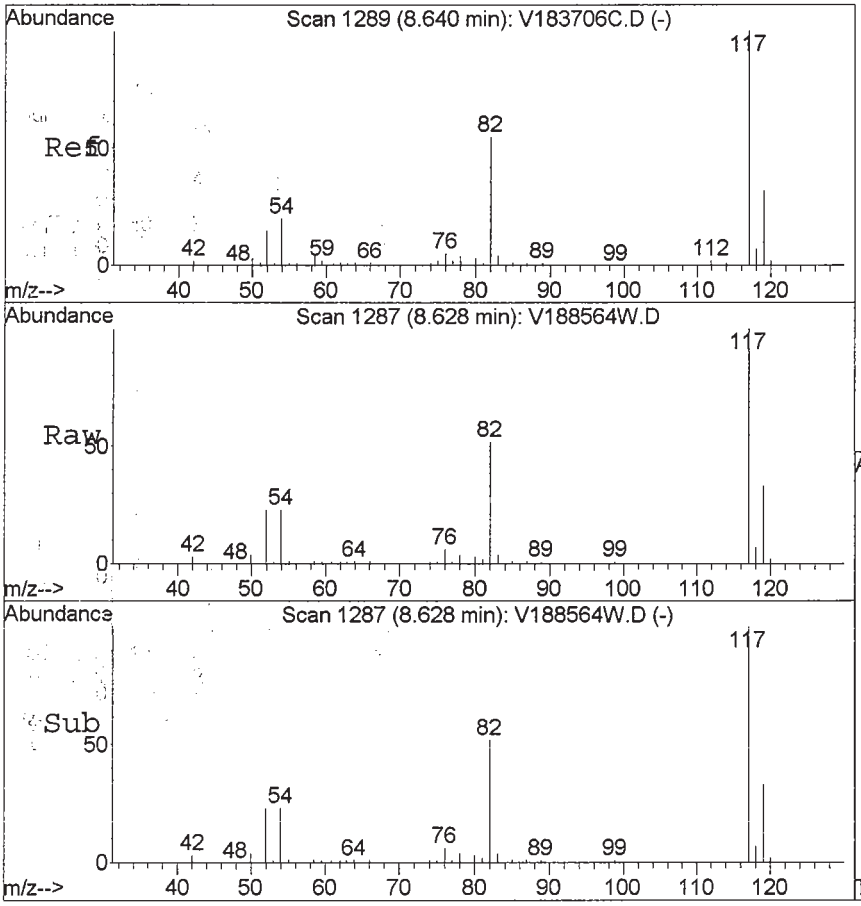


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion: 65 Resp: 197704

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	18.9	15.8	23.8

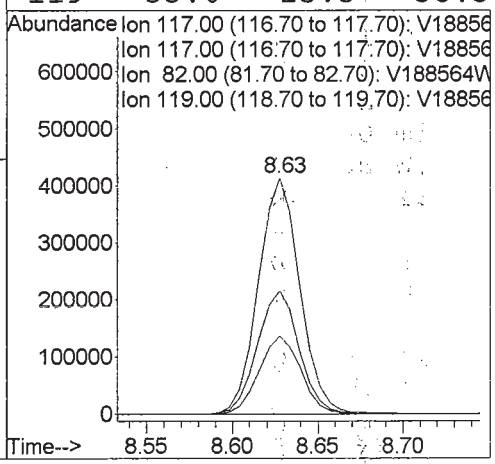


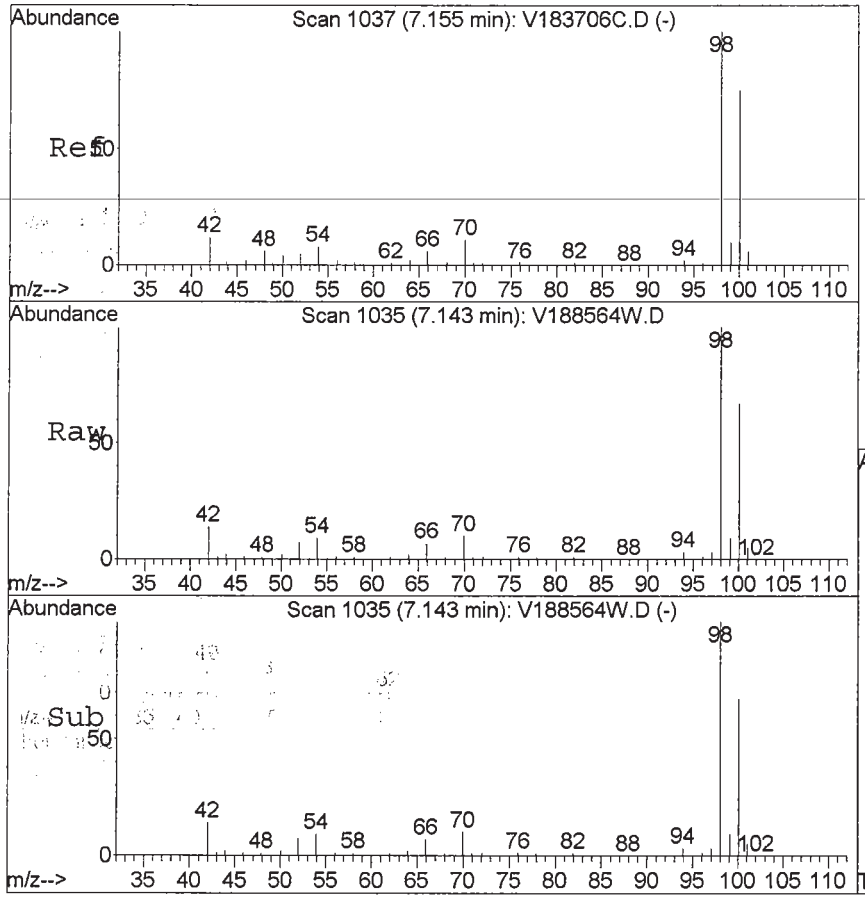


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion:117 Resp: 696529

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	33.0	25.5	38.3

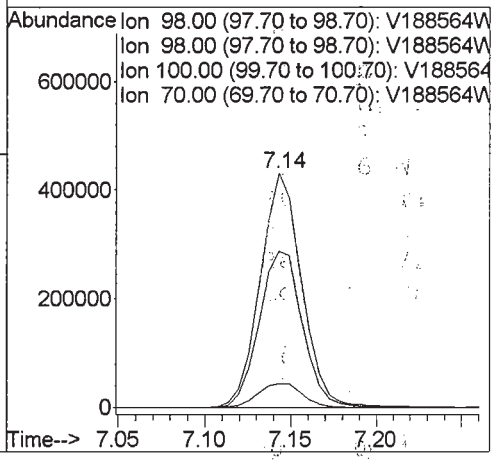


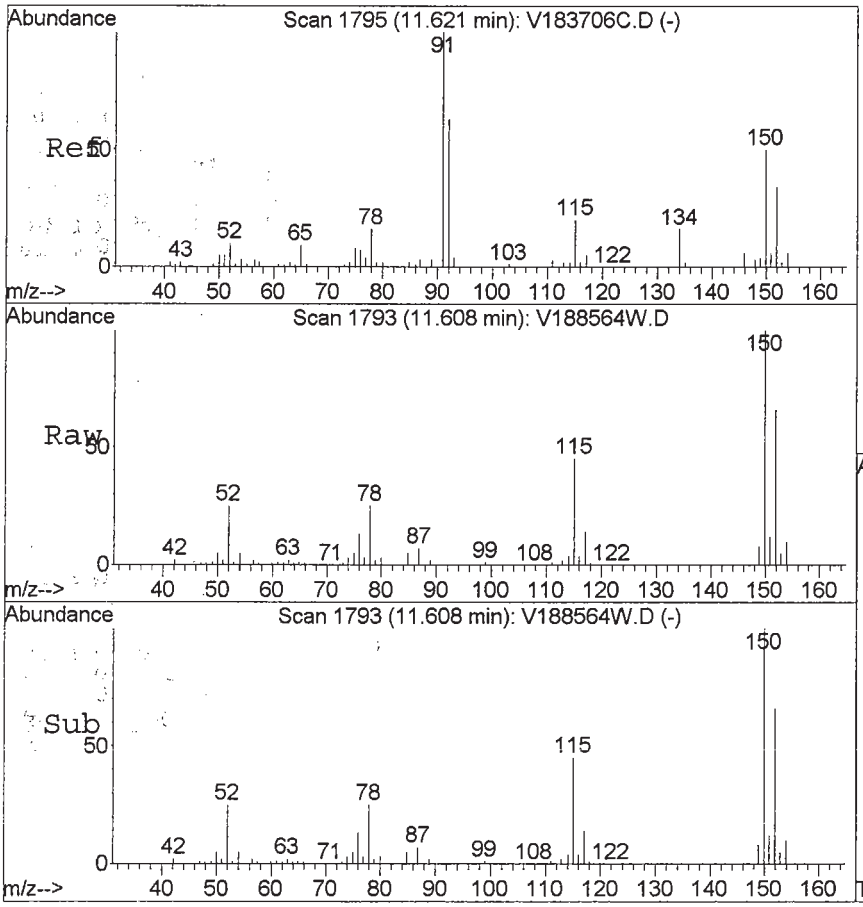


#47
Toluene-d8(SURR)
Concen: Below ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion: 98 Resp: 721522

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	69.8	35.3	105.7
70	11.0	0.0	0.0#

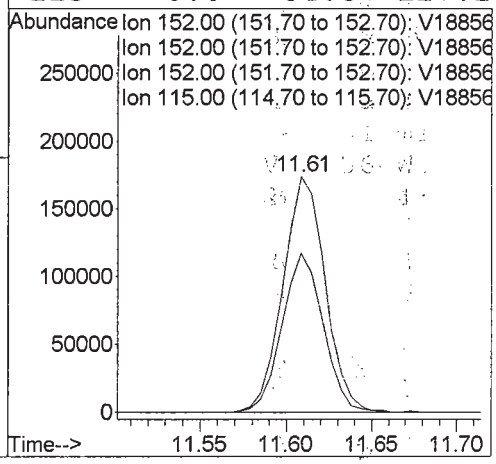


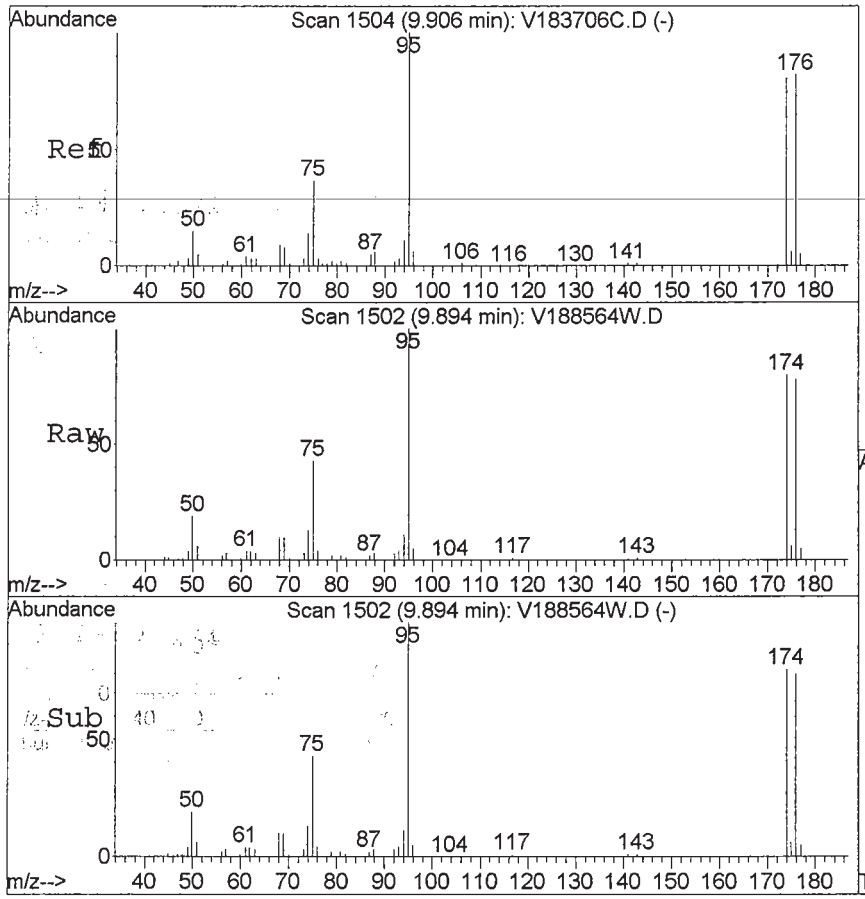


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion:152 Resp: 296794

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

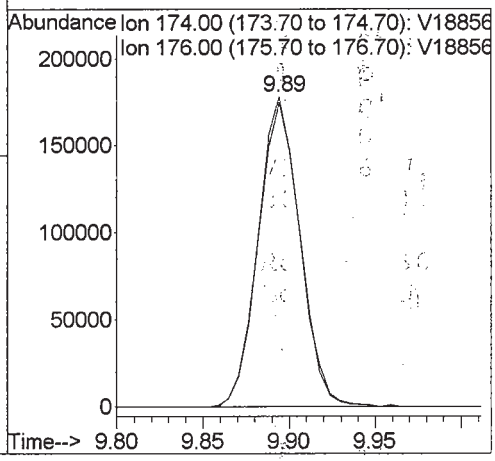




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion:174 Resp: 300896

Ion	Ratio	Lower	Upper
174	100		
176	97.4	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

Field Duplicate

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-22 File ID: V188565W.D

Sampled: 04/23/13 15:00 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 17:08

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Field Duplicate

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-22	File ID:	V188565W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 17:08
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylêne chloride	1	5.2	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	59.0	118	72.6 - 129	
p-Bromofluorobenzene	50.0	50.3	101	63.5 - 145	
Toluene-d8	50.0	48.5	97.0	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188565W.D Vial: 14
Acq On : 29 Apr 2013 5:08 pm Operator: SS
Sample : 13D0938-22 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

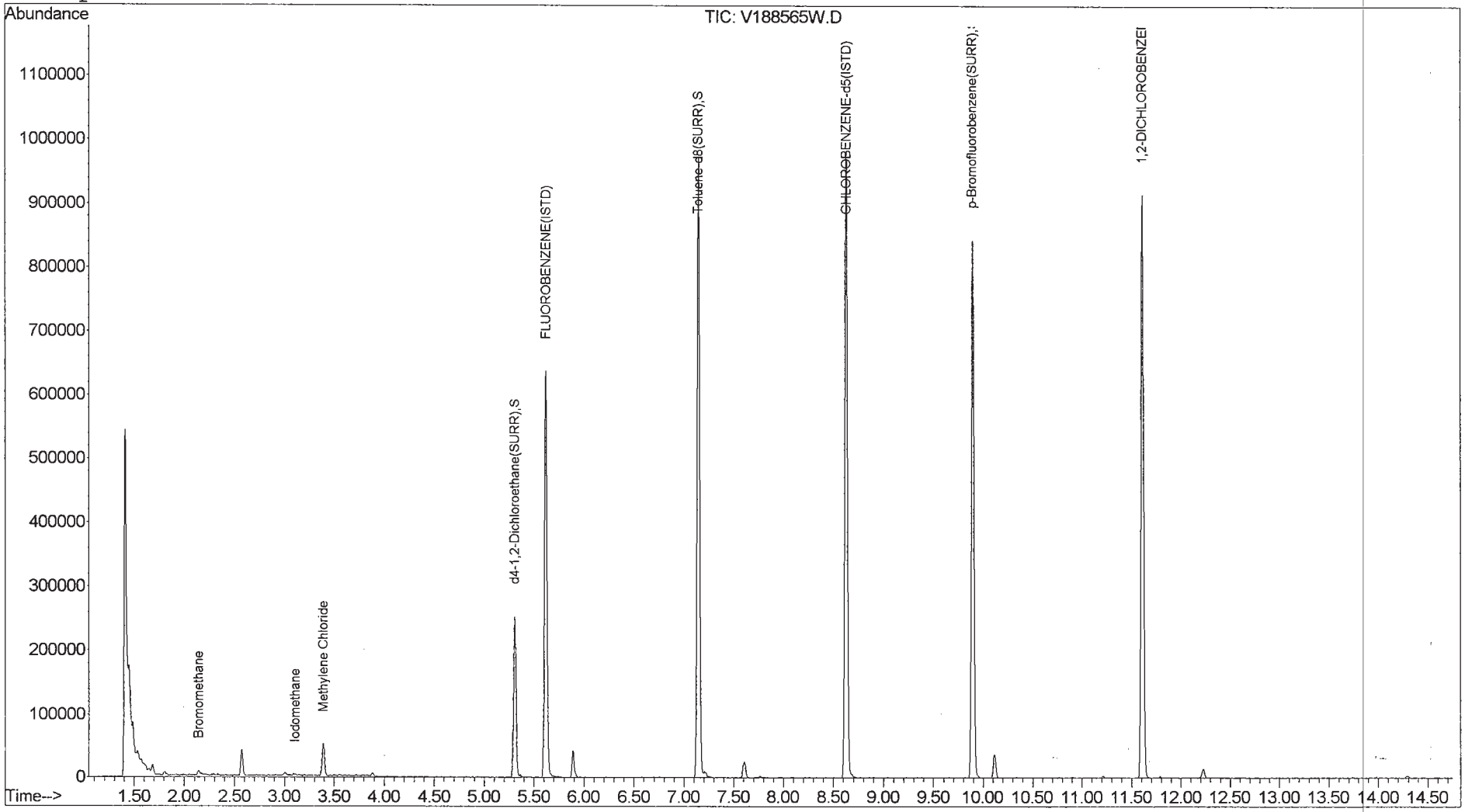
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	107456	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	610499	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	259500	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	184494	59.04	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 118.08%			
47) Toluene-d8(SURR)	7.14	98	635127	48.52	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.04%			
64) p-Bromofluorobenzene(SURR)	9.90	174	263840	50.30	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.60%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	8068	2.33	ppb	# 51
12) Iodomethane	3.11	142	3053	0.82	ppb	94
17) Methylene Chloride	3.39	49	25920	5.17	ppb	96

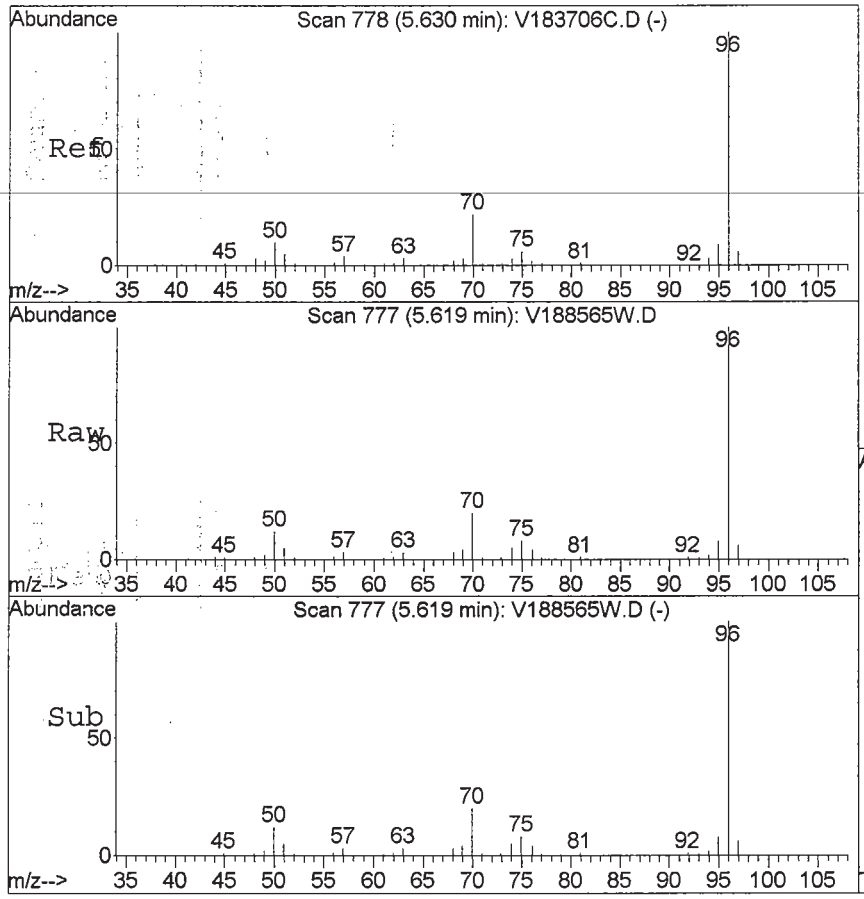
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1042913\V188565W.D Vial: 14
Acq On : 29 Apr 2013 5:08 pm Operator: SS
Sample : 13D0938-22 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

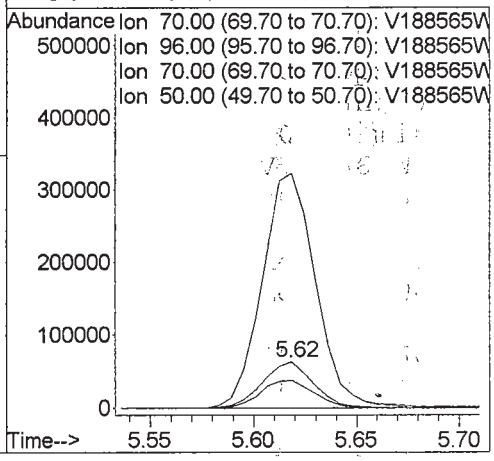


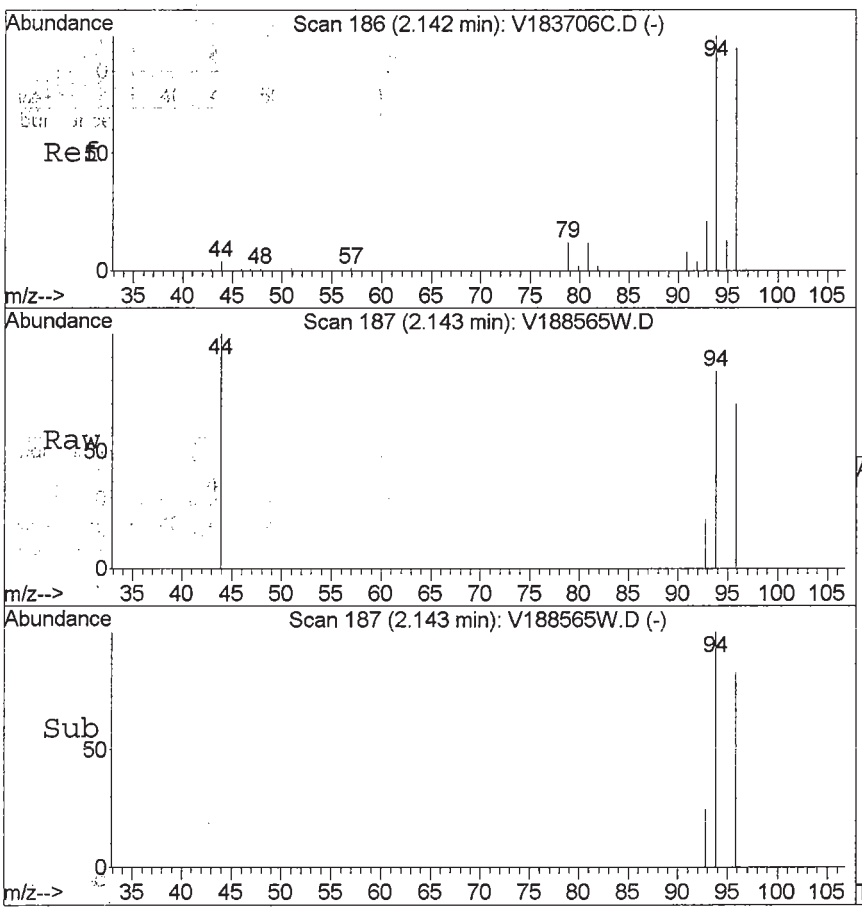


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. 0.00 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 70 Resp: 107456

Ion	Ratio	Lower	Upper
70	100		
96	539.1	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

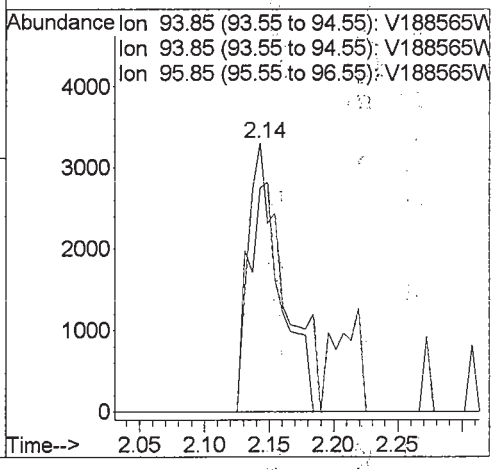


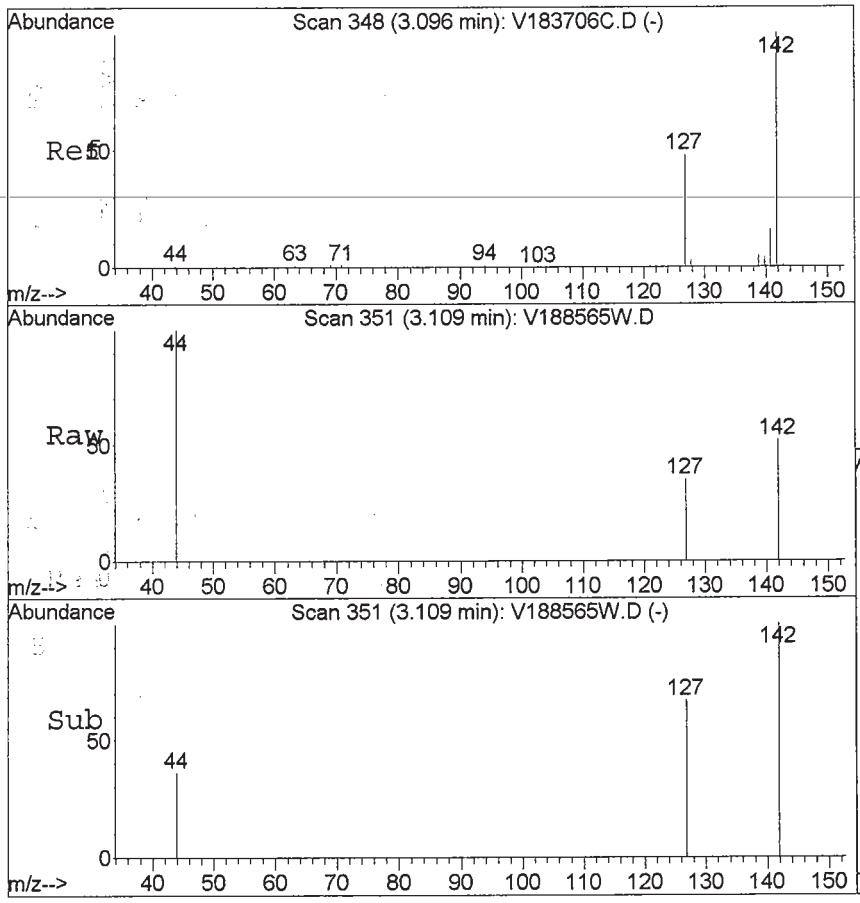


#5
Bromomethane
Concen: 2.33 ppb
RT: 2.14 min Scan# 187
Delta R.T. 0.00 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 94 Resp: 8068

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

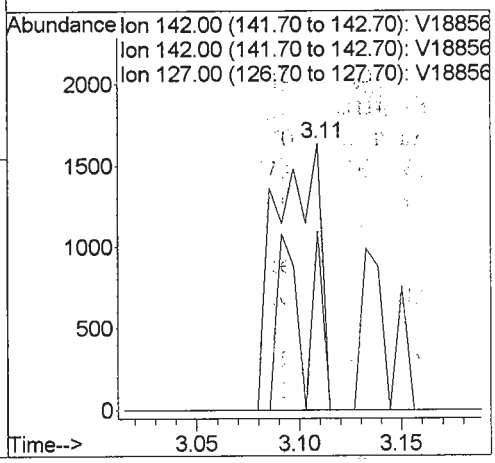


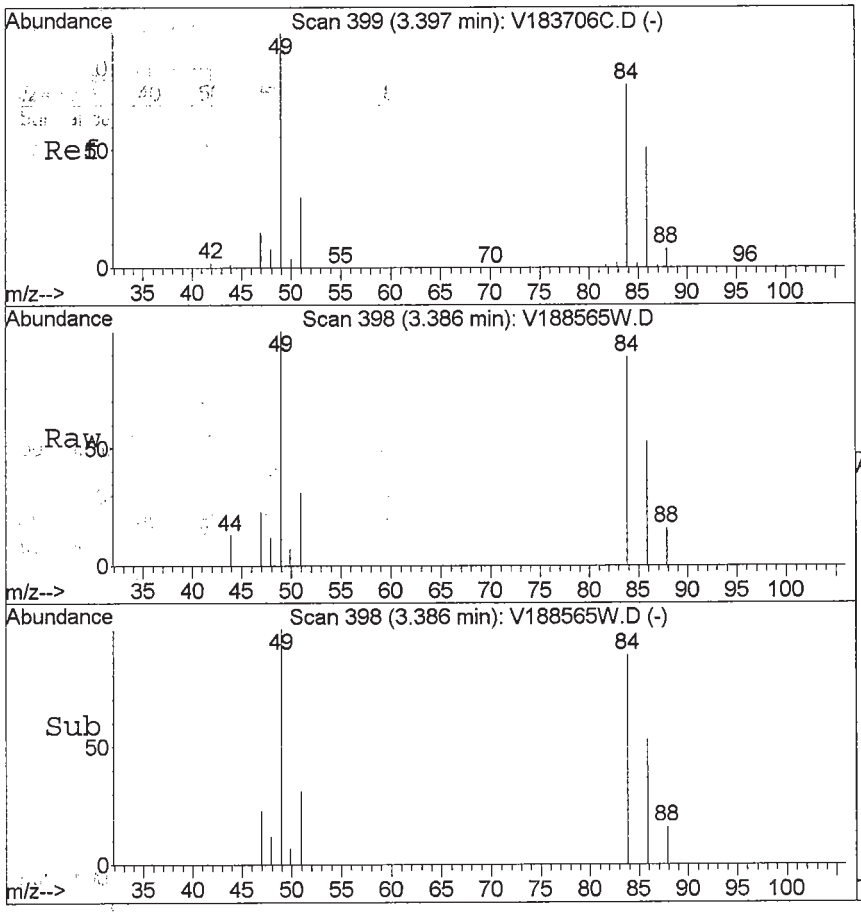


#12
Iodomethane
Concen: 0.82 ppb
RT: 3.11 min Scan# 351
Delta R.T. 0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion:142 Resp: 3053

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	35.4	24.3	72.8

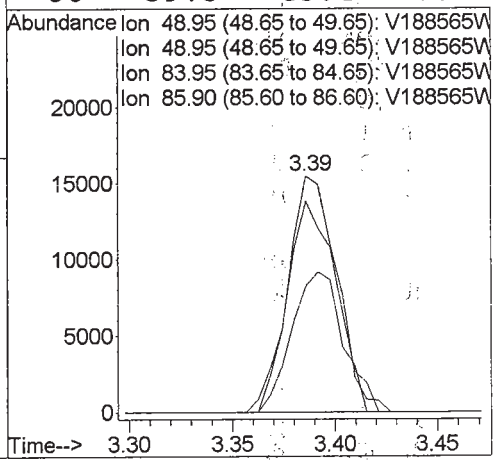


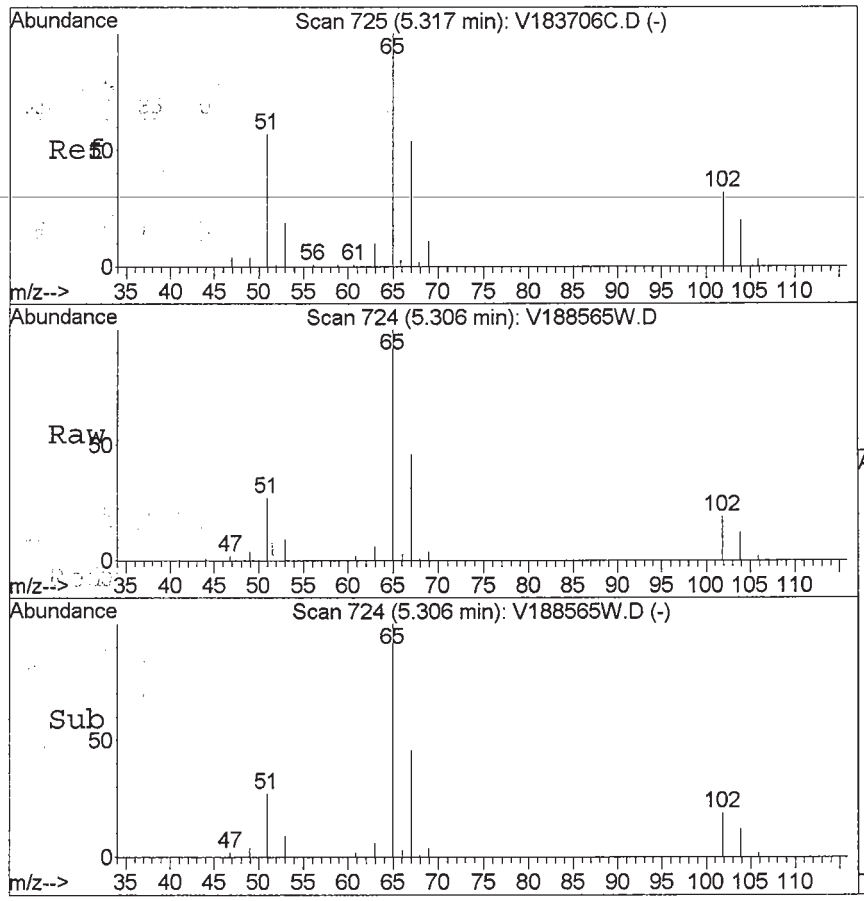


#17
Methylene Chloride
Concen: 5.17 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 49 Resp: 25920

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	90.0	66.3	99.5
86	59.3	45.4	68.2

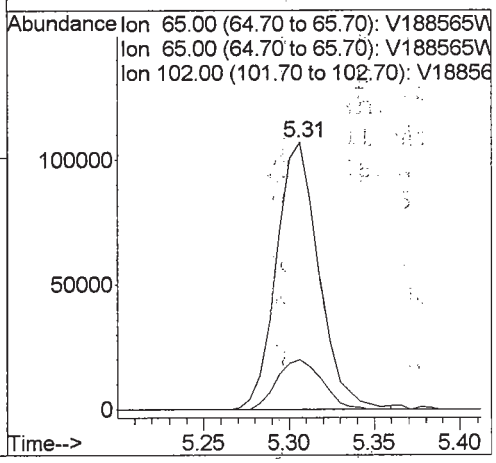


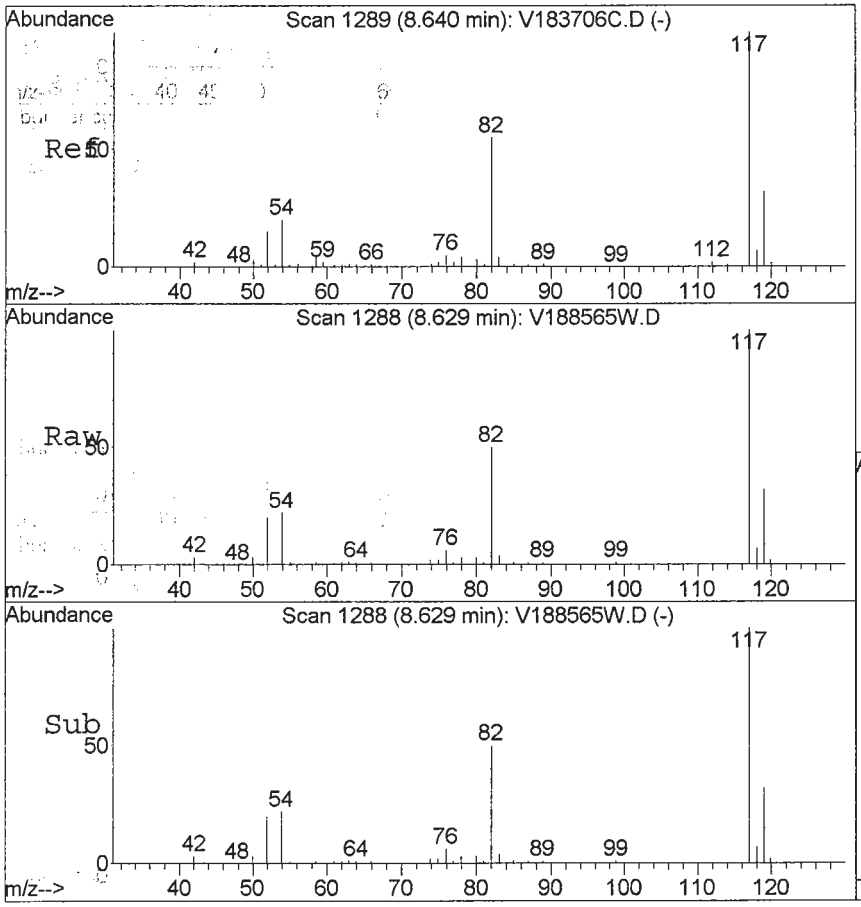


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 65 Resp: 184494

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	19.9	15.8	23.8

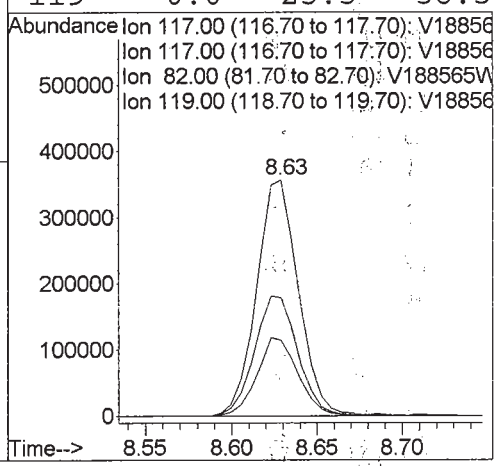


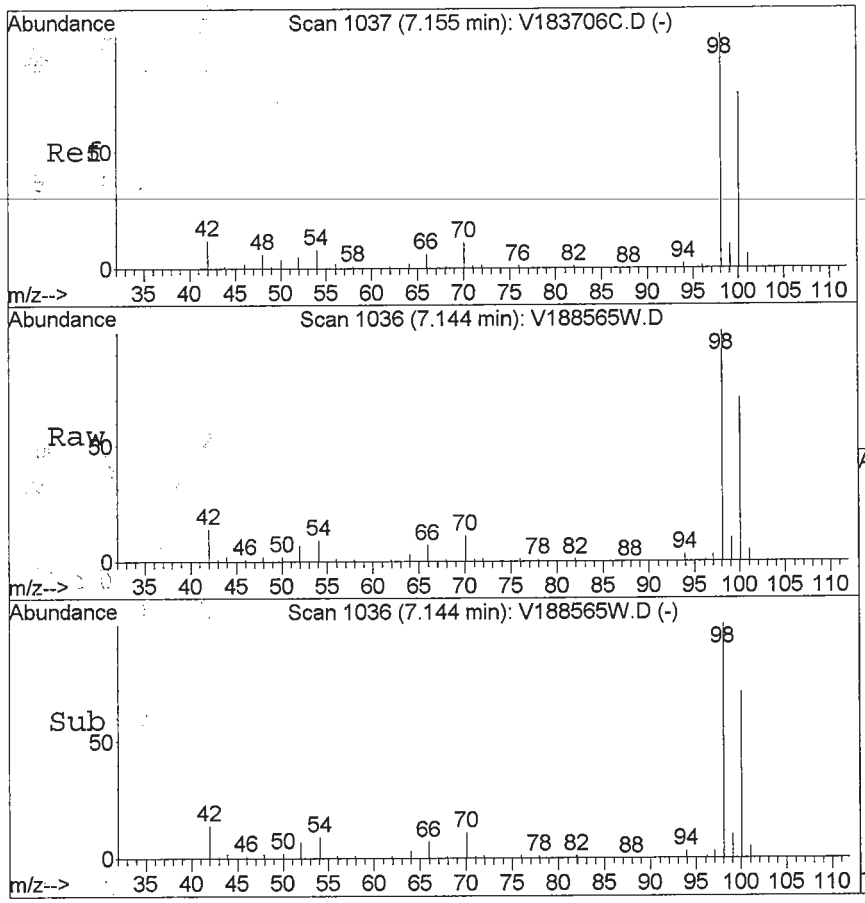


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. 0.00 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion:117 Resp: 610499

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	0.0	25.5	38.3#

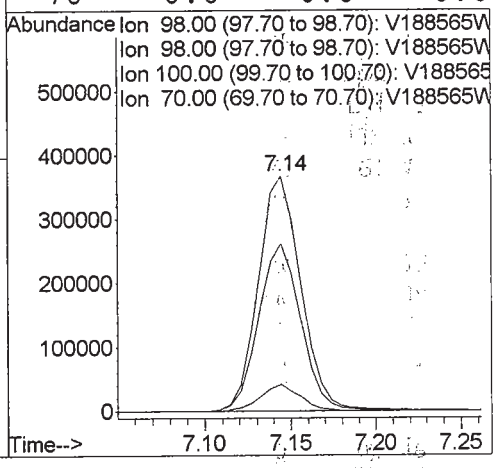


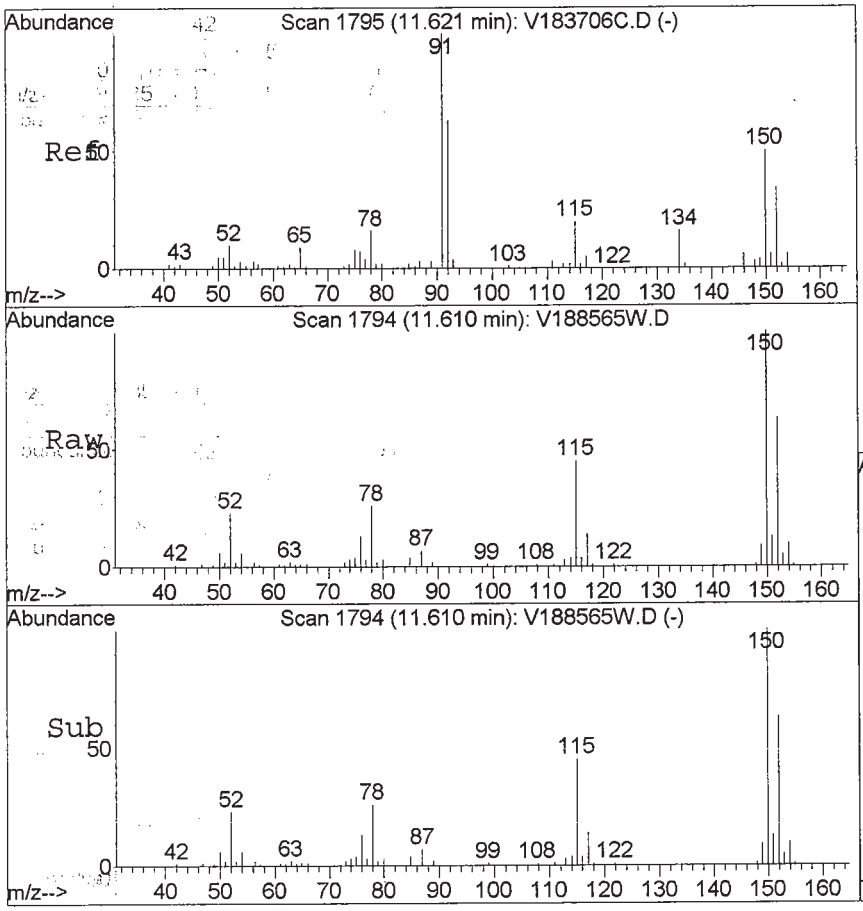


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 98 Resp: 635127

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.9	35.3	105.7
70	0.0	0.0	0.0

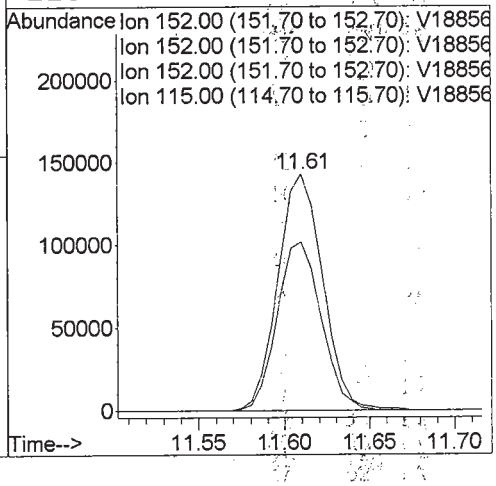


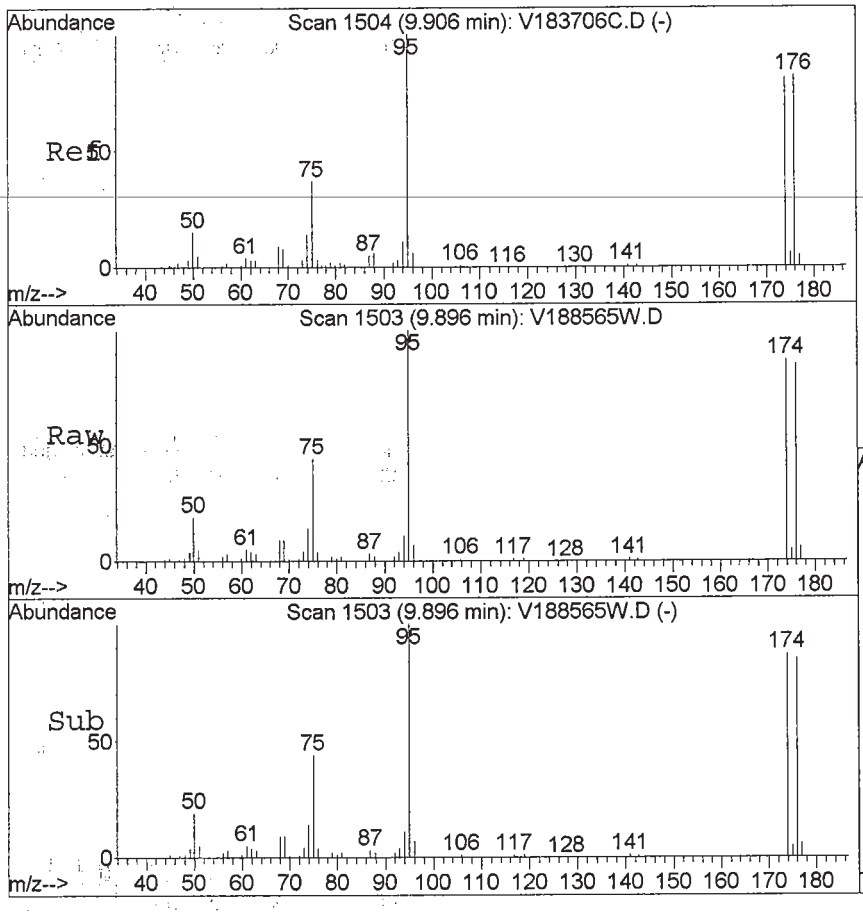


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion:152 Resp: 259500

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

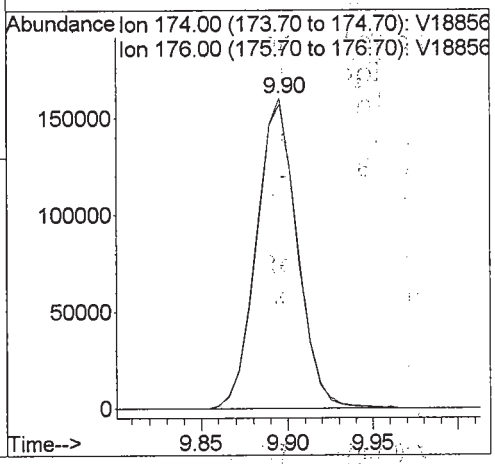




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.90 min Scan# 1503
Delta R.T. 0.00 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion:174 Resp: 263840

Ion	Ratio	Lower	Upper
174	100		
176	99.4	77.4	116.0



Response Factor Report VOA No.1

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

Calibration Files
5 =V188257C.D 10 =V188258C.D 20 =V188259C.D
50 =V188260C.D 100 =V188261C.D 200 =V188262C.D

		Compound	5	10	20	50	100	200	Avg	%RSD
1)		FLUOROBENZENE(ISTD)	ISTD							
2)		Dichlorodifluoromet	4.544	4.232	4.426	4.093	4.000	3.847	4.190	6.28
3)	P	Chloromethane	3.302	3.035	2.775	2.579	2.476	2.474	2.774	12.10
4)	C	Vinyl Chloride	2.306	2.346	2.486	2.295	2.259	2.287	2.330	3.51#
5)		Bromomethane	2.334	1.845	1.440	1.230	1.332	1.466	1.608	25.66
6)		Chloroethane	1.214	1.226	1.240	1.195	1.190	1.204	1.212	1.58
7)		Trichlorofluorometh	4.776	4.493	4.770	4.489	4.472	4.511	4.585	3.18
8)		Ethyl Ether	1.034	0.994	1.122	1.111	1.094	1.107	1.077	4.75
9)		Freon-113	2.669	2.477	2.428	2.514	2.551	2.507	2.524	3.24
10)	C,M	1,1-Dichloroethylen	3.356	3.169	3.375	3.271	3.184	3.224	3.263	2.67#
11)		Acrolein	0.056	0.068	0.092	0.094	0.104	0.112	0.088	24.65
12)		Iodomethane	1.541	1.316	1.383	1.704	2.022	2.423	1.732	24.41
13)		Methyl Acetate	0.753	0.492	0.555	0.503	0.526	0.575	0.567	16.96
14)		tert-Butyl Alcohol		0.097	0.107	0.118	0.128	0.126	0.115	11.45
15)		trans-1,2-Dichloroe	2.657	2.550	2.681	2.684	2.624	2.644	2.640	1.88
16)		Carbon Disulfide	4.731	4.675	5.102	5.278	5.276	5.336	5.066	5.77
17)		Methylene Chloride	3.114	2.447	2.362	2.086	1.991	1.988	2.331	18.42
18)		Acrylonitrile	0.231	0.252	0.240	0.271	0.262	0.278	0.256	7.16
19)		tert-Butyl Methyl E	3.939	3.636	4.044	3.994	3.918	3.945	3.913	3.65
20)		Acetone		0.761	0.548	0.550	0.456	0.481	0.559	21.47
21)	P	1,1-Dichloroethane	3.634	3.469	3.132	3.127	3.182	3.097	3.273	6.82
22)		Vinyl Acetate	2.577	2.083	2.031	1.501	1.934	1.737	1.977	18.37
23)		cis-1,2-Dichloroeth	2.564	2.449	2.560	2.445	2.504	2.497	2.503	2.06
24)		2-Butanone	0.090	0.085	0.118	0.116	0.122	0.126	0.109	15.77
25)		2,2-Dichloropropane	3.809	3.751	3.813	3.865	4.020	4.049	3.885	3.14
26)		Bromochloromethane	1.125	1.200	1.338	1.423	1.414	1.337	1.306	9.14
27)	C	Chloroform	4.537	4.380	4.676	4.662	4.642	4.613	4.585	2.45#
28)		Tetrahydrofuran	0.077	0.091	0.100	0.110	0.120	0.120	0.103	16.64
29)		1,1-Dichloropropyle	3.829	3.474	3.698	3.588	3.547	3.452	3.598	3.98
30)		1,1,1-Trichloroetha	4.810	4.645	4.901	4.769	4.800	4.758	4.781	1.75
31)		Cyclohexane	8.802	3.989	4.886	3.541	3.881	3.647	4.791	42.20
32)	S	d4-1,2-Dichloroetha	1.417	1.422	1.470	1.479	1.455	1.482	1.454	1.96
33)		Carbon Tetrachlorid	4.109	3.967	4.183	4.201	4.185	4.115	4.127	2.12
34)		1,2-Dichloroethane	3.067	2.926	3.070	3.092	3.072	3.027	3.042	2.00
35)	M	Benzene	8.096	7.338	7.741	7.711	7.580	7.281	7.624	3.92
36)		CHLOROBENZENE-d5(ISTD	ISTD							
37)	M	Trichloroethylene	0.576	0.528	0.536	0.522	0.537	0.528	0.538	3.65
38)		Methyl Cyclohexane	0.816	0.761	0.759	0.744	0.777	0.743	0.767	3.56
39)		Dibromomethane	0.158	0.172	0.188	0.205	0.233	0.233	0.198	15.78
40)		Methyl Methacrylate	0.168	0.163	0.179	0.177	0.188	0.179	0.176	4.94
41)		Bromodichloromethan	0.651	0.631	0.645	0.646	0.682	0.663	0.653	2.71
42)	C	1,2-Dichloropropane	0.336	0.324	0.339	0.356	0.351	0.339	0.341	3.32#

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

Calibration Files
5 =V188257C.D 10 =V188258C.D 20 =V188259C.D
50 =V188260C.D 100 =V188261C.D 200 =V188262C.D

		Compound	5	10	20	50	100	200	Avg	%RSD
43)		1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003#	6.46
44)		2-Chloroethylvinyl	0.135	0.121	0.128	0.141	0.151	0.146	0.137	8.12
45)		cis-1,3-Dichloropro	0.673	0.640	0.637	0.652	0.663	0.645	0.652	2.16
46)		2-Hexanone	0.441	0.301	0.220	0.190	0.207	0.190	0.258	38.29
47)	S	Toluene-d8(SURR)	1.070	1.074	1.070	1.066	1.070	1.082	1.072	0.50
48)	C,M	Toluene	1.924	1.799	1.763	1.792	1.770	1.687	1.789	4.33#
49)		trans-1,3-Dichlorop	0.575	0.555	0.587	0.597	0.620	0.603	0.589	3.83
50)		1,1,2-Trichloroetha	0.254	0.225	0.246	0.243	0.250	0.239	0.243	4.26
51)		1,3-Dichloropropane	0.562	0.507	0.527	0.542	0.536	0.516	0.532	3.66
52)		Tetrachloroethylene	0.611	0.594	0.598	0.601	0.621	0.607	0.605	1.63
53)		4-Methyl-2-Pentanon	0.355	0.339	0.366	0.326	0.392	0.367	0.358	6.53
54)		Dibromochloromethan	0.420	0.411	0.444	0.466	0.482	0.469	0.449	6.36
55)		1,2-Dibromoethane	0.355	0.330	0.339	0.342	0.350	0.339	0.343	2.56
56)	P,M	Chlorobenzene	1.295	1.221	1.229	1.226	1.237	1.187	1.233	2.85
57)	C	Ethyl Benzene	2.394	2.236	2.257	2.254	2.228	2.065	2.239	4.67#
58)		p- & m-Xylenes	1.856	1.749	1.719	1.723	1.687	1.504	1.706	6.72
59)		o-Xylene	1.855	1.753	1.766	1.765	1.761	1.611	1.752	4.48
60)		Styrene	1.337	1.269	1.279	1.302	1.317	1.232	1.289	2.90
61)		1,1,1,2-Tetrachloro	0.496	0.459	0.471	0.477	0.491	0.473	0.478	2.88
62)		1,2-DICHLOROBENZENE-d	----------	----------	ISTD	----------	----------	----------		
63)	p	Bromoform	0.541	0.548	0.605	0.628	0.699	0.672	0.616	10.39
64)	S	p-Bromofluorobenzen	1.015	0.999	1.021	1.020	1.018	0.991	1.011	1.22
65)		p-Ethyltoulene	5.871	5.428	5.397	5.366	5.790	5.139	5.499	5.05
66)		p-Diethylbenzene	3.007	2.819	2.792	2.854	3.085	2.805	2.893	4.23
67)	P	1,1,2,2-Tetrachloro	0.781	0.786	0.824	0.827	0.896	0.809	0.820	5.07
68)		1,2,3-Trichloroprop	0.303	0.285	0.308	0.315	0.326	0.307	0.307	4.40
69)		Isopropylbenzene	6.171	5.890	5.816	5.910	5.953	5.511	5.875	3.66
70)		1,2-Dibromo-3-Chlor	0.134	0.158	0.177	0.176	0.201	0.179	0.171	13.20
71)		Bromobenzene	2.215	2.094	2.085	2.120	2.175	2.037	2.121	3.04
72)		trans-1,4-Dichloro-	0.989	0.952	1.037	1.017	1.107	1.020	1.020	5.09
73)		n-Propylbenzene	7.123	6.683	6.624	6.671	6.706	6.042	6.641	5.21
74)		2-Chlorotoluene	4.812	4.441	4.403	4.434	4.562	4.186	4.473	4.61
75)		4-Chlorotoluene	4.755	4.430	4.383	4.389	4.472	4.081	4.418	4.88
76)		tert-Butylbenzene	5.347	5.126	5.199	5.251	5.426	4.990	5.223	2.98
77)		1,3,5-trimethylbenz	5.026	4.644	4.620	4.643	4.777	4.336	4.674	4.82
78)		1,2,4-trimethylbenz	5.019	4.692	4.758	4.720	4.791	4.339	4.720	4.65
79)		sec-Butylbenzene	6.407	6.201	6.104	6.153	6.262	5.649	6.130	4.20
80)		1,3-Dichlorobenzene	2.435	2.293	2.325	2.350	2.434	2.243	2.347	3.27
81)		1,4-Dichlorobenzene	2.430	2.354	2.267	2.282	2.385	2.193	2.318	3.76
82)		1,2-Dichlorobenzene	2.093	2.056	2.029	1.996	2.137	1.971	2.047	3.00
83)		p-Isopropyltoluene	5.357	5.124	5.131	5.112	5.318	4.786	5.138	3.94
84)		n-Butylbenzene	6.214	5.844	5.688	5.758	5.914	5.269	5.781	5.36
85)		1,2,4,5-Tetramethyl	4.647	4.238	4.265	4.267	4.597	4.093	4.351	5.05

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

Calibration Files
5 =V188257C.D 10 =V188258C.D 20 =V188259C.D
50 =V188260C.D 100 =V188261C.D 200 =V188262C.D

	Compound	5	10	20	50	100	200	Avg	%RSD
86)	1,2,4-Trichlorobenz	1.617	1.478	1.415	1.463	1.551	1.453	1.496	4.96
87)	Naphthalene	2.369	2.205	2.318	2.301	2.560	2.342	2.349	5.00
88)	Hexachloro-1,3-Buta	1.070	1.004	0.981	0.992	1.058	0.979	1.014	3.95
89)	1,2,3-Trichlorobenz	1.298	1.202	1.189	1.206	1.302	1.205	1.234	4.18

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188257C.D
Acq On : 17 Apr 2013 4:25 pm
Sample : 5 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:44 2013

Vial: 6
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	170535	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	872133	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	348029	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	241649	50.67	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.34%				
47) Toluene-d8(SURR)	7.14	98	933393	49.35	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.70%				
64) p-Bromofluorobenzene(SURR)	9.90	174	353090	49.49	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	77497	5.66	ppb		100
3) Chloromethane	1.74	50	56311	6.19	ppb		98
4) Vinyl Chloride	1.84	62	39321	5.33	ppb		100
5) Bromomethane	2.14	94	39800	6.64	ppb		96
6) Chloroethane	2.24	64	20695	5.82	ppb	#	97
7) Trichlorofluoromethane	2.48	101	81451	6.25	ppb		98
8) Ethyl Ether	2.76	59	17637	6.05	ppb	#	67
9) Freon-113	2.96	101	45508	6.70	ppb		94
10) 1,1-Dichloroethylene	2.96	61	57227	6.39	ppb		99
11) Acrolein	2.87	56	951	2.57	ppb	#	10
12) Iodomethane	3.10	142	26274	7.51	ppb		97
13) Methyl Acetate	3.30	43	12844	6.62	ppb	#	91
15) trans-1,2-Dichloroethylene	3.64	61	45308	5.24	ppb		95
16) Carbon Disulfide	3.16	76	80687	5.71	ppb		99
17) Methylene Chloride	3.39	49	53107	9.63	ppb		98
18) Acrylonitrile	3.62	53	3937	4.51	ppb	#	64
19) tert-Butyl Methyl Ether (M	3.66	73	67175	26.42	ppb		99
20) Acetone	3.01	43	20701	12.41	ppb	#	100
21) 1,1-Dichloroethane	4.02	63	61972	5.35	ppb		97
22) Vinyl Acetate	4.07	43	43939	5.42	ppb	#	98
23) cis-1,2-Dichloroethylene	4.56	96	43723	5.72	ppb	#	46
24) 2-Butanone	4.58	72	1543m	3.87	ppb		
25) 2,2-Dichloropropane	4.56	77	64952	6.45	ppb		99
26) Bromochloromethane	4.78	49	19186	3.78	ppb		95
27) Chloroform	4.85	83	77365	5.65	ppb		99
28) Tetrahydrofuran	4.84	71	1320m	4.42	ppb		
29) 1,1-Dichloropropylene	5.18	75	65290	6.01	ppb	#	88
30) 1,1,1-Trichloroethane	5.02	97	82031	5.79	ppb		100
31) Cyclohexane	5.08	56	70650m	2.64	ppb		

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1041713\V188257C.D
Acq On : 17 Apr 2013 4:25 pm
Sample : 5 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:44 2013

Vial: 6
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33) Carbon Tetrachloride	5.18	117	70078	5.50	ppb		98
34) 1,2-Dichloroethane	5.38	62	52306	5.89	ppb	#	98
35) Benzene	5.36	78	138071	5.72	ppb	#	100
37) Trichloroethylene	5.97	95	50268	5.88	ppb		97
38) Methyl Cyclohexane	6.15	83	71197	5.61	ppb	#	98
39) Dibromomethane	6.30	93	13768	3.58	ppb	#	72
40) Methyl Methacrylate	6.28	69	14691	4.74	ppb		99
41) Bromodichloromethane	6.44	83	56737	5.30	ppb		98
42) 1,2-Dichloropropane	6.18	63	29327	4.72	ppb	#	87
43) 1,4-Dioxane	6.32	88	5087	88.53	ppb	#	67
44) 2-Chloroethylvinyl ether	6.73	63	11789	69.19	ppb	#	100
45) cis-1,3-Dichloropropene	6.87	75	58725	5.37	ppb		99
46) 2-Hexanone	7.87	43	38483	11.79	ppb	#	85
48) Toluene	7.21	91	167836	5.76	ppb		100
49) trans-1,3-Dichloropropene	7.43	75	50146	5.19	ppb	#	88
50) 1,1,2-Trichloroethane	7.62	83	22182	5.56	ppb		96
51) 1,3-Dichloropropane	7.79	76	49011	5.53	ppb	#	99
52) Tetrachloroethylene	7.77	166	53296	5.32	ppb		98
53) 4-Methyl-2-Pentanone	7.03	43	30935	4.95	ppb		100
54) Dibromochloromethane	8.02	129	36608	4.95	ppb		100
55) 1,2-Dibromoethane	8.15	107	30963	5.60	ppb		100
56) Chlorobenzene	8.66	112	112930	5.55	ppb		99
57) Ethyl Benzene	8.77	91	208753	5.80	ppb		99
58) p- & m-Xylenes	8.90	91	323667	11.93	ppb		100
59) o-Xylene	9.32	91	161803	5.74	ppb		100
60) Styrene	9.34	104	116573	5.53	ppb		99
61) 1,1,1,2-Tetrachloroethane	8.74	131	43287	5.47	ppb		97
63) Bromoform	9.54	173	18830	4.48	ppb	#	100
65) p-Ethyltoulene	10.31	105	204329	5.58	ppb		98
66) p-Diethylbenzene	11.59	119	104650	5.41	ppb		96
67) 1,1,2,2-Tetrachloroethane	10.05	83	27166	4.75	ppb	#	96
68) 1,2,3-Trichloropropane	10.10	110	10543	5.25	ppb		98
69) Isopropylbenzene	9.72	105	214764	5.43	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.52	75	4671	4.03	ppb	#	68
71) Bromobenzene	10.06	77	77100	5.26	ppb		99
72) trans-1,4-Dichloro-2-buten	10.10	75	34428m	4.79	ppb		
73) n-Propylbenzene	10.18	91	247902	5.55	ppb		99
74) 2-Chlorotoluene	10.28	91	167474	5.64	ppb		99
75) 4-Chlorotoluene	10.40	91	165504	5.58	ppb		100
76) tert-Butylbenzene	10.74	119	186078	5.37	ppb	#	100
77) 1,3,5-trimethylbenzene	10.38	105	174927	5.62	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188257C.D
Acq On : 17 Apr 2013 4:25 pm
Sample : 5 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 6
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:44 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

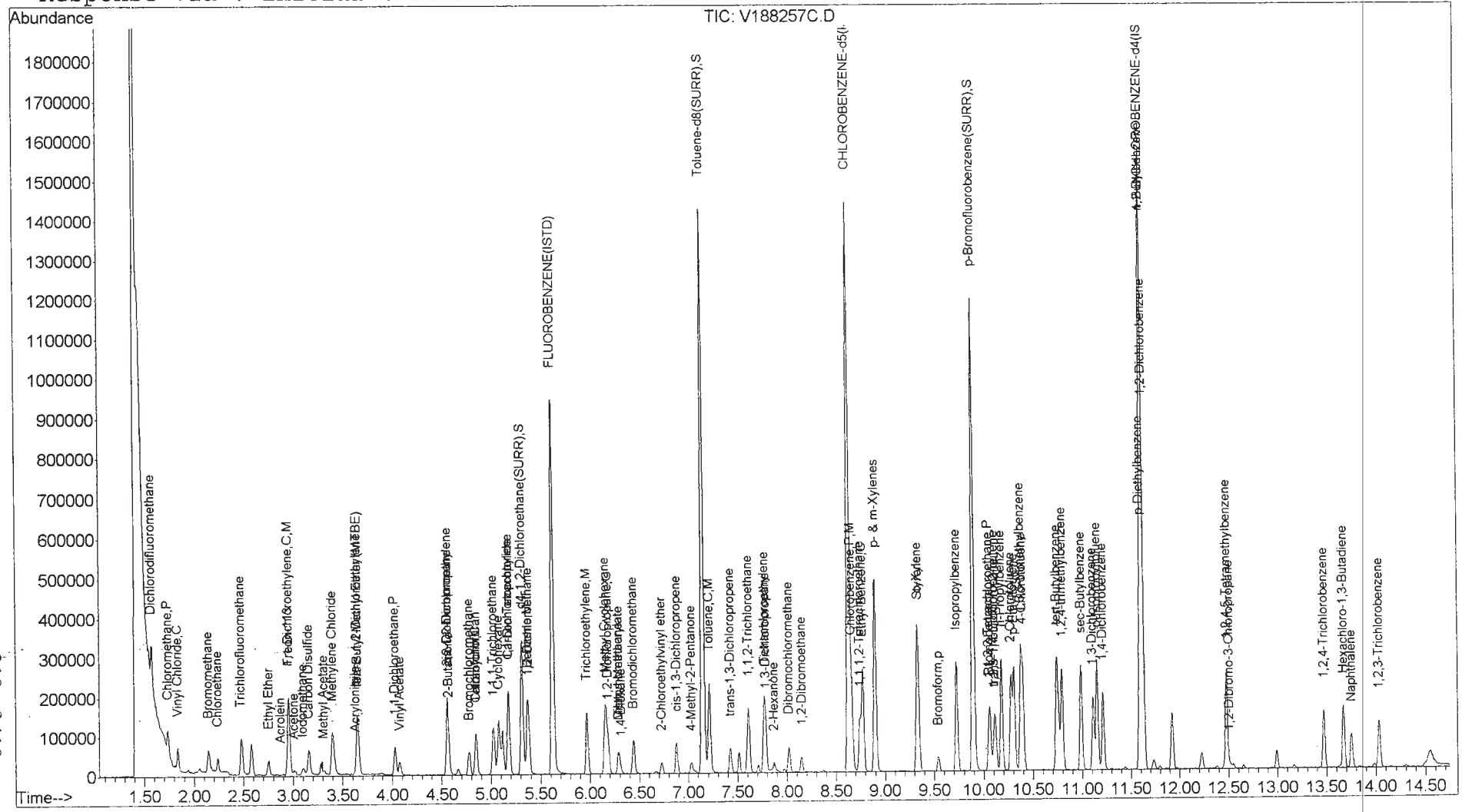
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78)	1,2,4-trimethylbenzene	10.80	105	174659	5.63	ppb		99
79)	sec-Butylbenzene	10.99	105	222997	5.43	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	84759	5.45	ppb	#	99
81)	1,4-Dichlorobenzene	11.21	146	84555	5.53	ppb	#	99
82)	1,2-Dichlorobenzene	11.63	146	72840	5.46	ppb	#	96
83)	p-Isopropyltoluene	11.15	119	186451	5.44	ppb	#	100
84)	n-Butylbenzene	11.62	91	216265	5.66	ppb		99
85)	1,2,4,5-Tetramethylbenzene	12.48	119	161715	5.51	ppb		98
86)	1,2,4-Trichlorobenzene	13.47	180	56290	5.75	ppb		99
87)	Naphthalene	13.75	128	82463	5.13	ppb	#	97
88)	Hexachloro-1,3-Butadiene	13.67	225	37241	5.45	ppb	#	100
89)	1,2,3-Trichlorobenzene	14.04	182	45179	5.56	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188257C.D Vial: 6
Acq On : 17 Apr 2013 4:25 pm Operator: SS
Sample : 5 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:44 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:45:06 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188258C.D
Acq On : 17 Apr 2013 5:03 pm
Sample : 10 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:45 2013

Vial: 7
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	174358	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	886525	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	356292	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	247885	50.84	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.68%				
47) Toluene-d8(SURR)	7.15	98	951888	49.51	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 99.02%				
64) p-Bromofluorobenzene(SURR)	9.90	174	356008	48.74	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 97.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	147580	10.54	ppb		99
3) Chloromethane	1.73	50	105839	11.38	ppb		99
4) Vinyl Chloride	1.84	62	81817	10.86	ppb		99
5) Bromomethane	2.14	94	64339	10.49	ppb		93
6) Chloroethane	2.24	64	42765	11.76	ppb		98
7) Trichlorofluoromethane	2.48	101	156690	11.75	ppb		99
8) Ethyl Ether	2.75	59	34657	11.64	ppb		97
9) Freon-113	2.96	101	86376	12.43	ppb		94
10) 1,1-Dichloroethylene	2.95	61	110509	12.07	ppb		99
11) Acrolein	2.87	56	2369	6.27	ppb	#	33
12) Iodomethane	3.10	142	45887	12.83	ppb		96
13) Methyl Acetate	3.32	43	17151	8.64	ppb	#	95
14) tert-Butyl Alcohol (TBA)	3.52	59	3373m	27.82	ppb		
15) trans-1,2-Dichloroethylene	3.65	61	88916	10.05	ppb		99
16) Carbon Disulfide	3.16	76	163037	11.28	ppb		100
17) Methylene Chloride	3.39	49	85314	15.13	ppb		96
18) Acrylonitrile	3.63	53	8799	9.86	ppb		88
19) tert-Butyl Methyl Ether (M	3.66	73	126789	48.78	ppb		99
20) Acetone	3.01	43	26527	15.55	ppb	#	100
21) 1,1-Dichloroethane	4.03	63	120953	10.22	ppb		100
22) Vinyl Acetate	4.08	43	72631	8.76	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	85390	10.93	ppb	#	46
24) 2-Butanone	4.58	72	2965	7.26	ppb	#	33
25) 2,2-Dichloropropane	4.56	77	130811	12.71	ppb		100
26) Bromochloromethane	4.78	49	41840	8.06	ppb		99
27) Chloroform	4.85	83	152723	10.91	ppb		99
28) Tetrahydrofuran	4.84	71	3164	10.36	ppb	#	62
29) 1,1-Dichloropropylene	5.17	75	121142	10.91	ppb		99
30) 1,1,1-Trichloroethane	5.03	97	161983	11.19	ppb	#	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188258C.D
Acq On : 17 Apr 2013 5:03 pm
Sample : 10 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:45 2013

Vial: 7
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.07	56	139091m	5.09	ppb		
33)	Carbon Tetrachloride	5.18	117	138337	10.61	ppb		99
34)	1,2-Dichloroethane	5.38	62	102036	11.23	ppb		99
35)	Benzene	5.37	78	255871	10.36	ppb	#	100
37)	Trichloroethylene	5.97	95	93561	10.77	ppb		100
38)	Methyl Cyclohexane	6.15	83	134919	10.45	ppb	#	100
39)	Dibromomethane	6.30	93	30527	7.82	ppb	#	63
40)	Methyl Methacrylate	6.29	69	28968	9.20	ppb		100
41)	Bromodichloromethane	6.44	83	111791	10.28	ppb		99
42)	1,2-Dichloropropane	6.18	63	57419	9.10	ppb		97
43)	1,4-Dioxane	6.32	88	9626	164.81	ppb		92
44)	2-Chloroethylvinyl ether	6.72	63	21441	123.80	ppb	#	100
45)	cis-1,3-Dichloropropene	6.88	75	113416	10.21	ppb		99
46)	2-Hexanone	7.87	43	53283	16.06	ppb	#	76
48)	Toluene	7.21	91	318953	10.78	ppb		100
49)	trans-1,3-Dichloropropene	7.42	75	98441	10.02	ppb		99
50)	1,1,2-Trichloroethane	7.62	83	39844	9.83	ppb		97
51)	1,3-Dichloropropane	7.79	76	89978	9.99	ppb	#	86
52)	Tetrachloroethylene	7.77	166	105365	10.34	ppb		98
53)	4-Methyl-2-Pentanone	7.03	43	60101	9.46	ppb		99
54)	Dibromochloromethane	8.02	129	72936	9.71	ppb		98
55)	1,2-Dibromoethane	8.15	107	58573	10.43	ppb		99
56)	Chlorobenzene	8.66	112	216557	10.46	ppb		99
57)	Ethyl Benzene	8.77	91	396448	10.84	ppb		100
58)	p- & m-Xylenes	8.90	91	620180	22.49	ppb		99
59)	o-Xylene	9.33	91	310800	10.85	ppb		100
60)	Styrene	9.34	104	224997	10.51	ppb		99
61)	1,1,1,2-Tetrachloroethane	8.74	131	81332	10.11	ppb		96
63)	Bromoform	9.54	173	39081	9.08	ppb	#	100
65)	p-Ethyltoulene	10.30	105	386778	10.33	ppb		100
66)	p-Diethylbenzene	11.59	119	200851	10.15	ppb		96
67)	1,1,2,2-Tetrachloroethane	10.05	83	56018	9.56	ppb	#	69
68)	1,2,3-Trichloropropane	10.10	110	20311	9.88	ppb		98
69)	Isopropylbenzene	9.73	105	419690	10.36	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.51	75	11268	9.49	ppb		97
71)	Bromobenzene	10.06	77	149213	9.95	ppb		99
72)	trans-1,4-Dichloro-2-buten	10.10	75	67837m	9.21	ppb		
73)	n-Propylbenzene	10.18	91	476216	10.41	ppb		100
74)	2-Chlorotoluene	10.27	91	316490	10.41	ppb		100
75)	4-Chlorotoluene	10.39	91	315706	10.39	ppb		100
76)	tert-Butylbenzene	10.74	119	365298	10.30	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188258C.D
Acq On : 17 Apr 2013 5:03 pm
Sample : 10 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 7
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:45 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

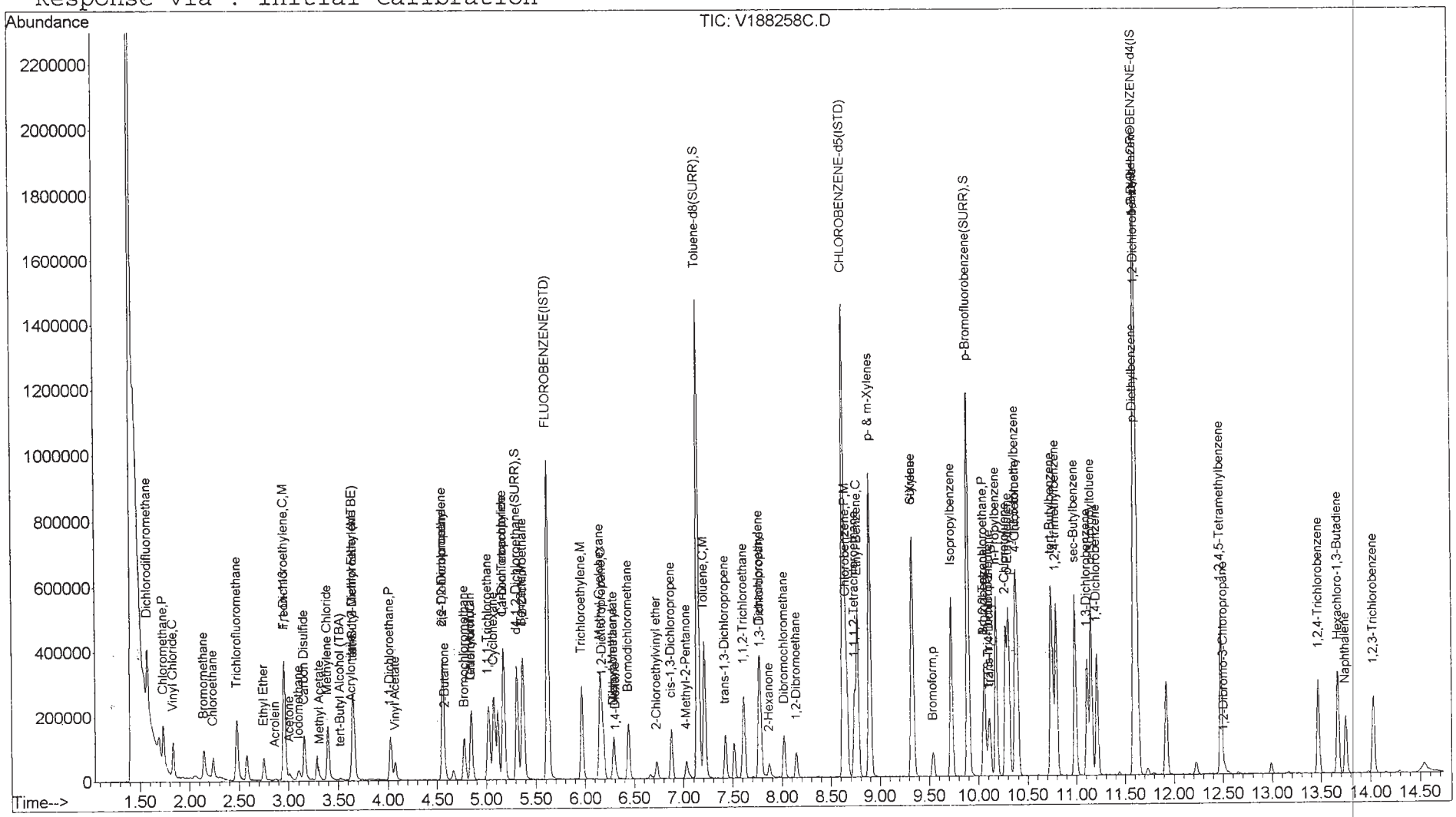
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.37	105	330904	10.39	ppb		100
78)	1,2,4-trimethylbenzene	10.79	105	334315	10.52	ppb		99
79)	sec-Butylbenzene	10.99	105	441873	10.51	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	163376	10.27	ppb	#	99
81)	1,4-Dichlorobenzene	11.21	146	167746	10.71	ppb	#	99
82)	1,2-Dichlorobenzene	11.63	146	146537	10.73	ppb	#	99
83)	p-Isopropyltoluene	11.15	119	365150	10.41	ppb	#	99
84)	n-Butylbenzene	11.62	91	416402	10.65	ppb	#	86
85)	1,2,4,5-Tetramethylbenzene	12.48	119	301999	10.05	ppb		99
86)	1,2,4-Trichlorobenzene	13.47	180	105338	10.50	ppb		98
87)	Naphthalene	13.75	128	157116	9.55	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	71508	10.23	ppb	#	100
89)	1,2,3-Trichlorobenzene	14.03	182	85661	10.31	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188258C.D Vial: 7
Acq On : 17 Apr 2013 5:03 pm Operator: SS
Sample : 10 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:45 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188259C.D
Acq On : 17 Apr 2013 5:41 pm
Sample : 20 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 8
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	165373	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	867434	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	347264	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	243090	52.57	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 105.14%				
47) Toluene-d8(SURR)	7.15	98	928035	49.33	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.66%				
64) p-Bromofluorobenzene(SURR)	9.90	174	354522	49.80	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	292772	22.04	ppb		100
3) Chloromethane	1.74	50	183589	20.82	ppb		100
4) Vinyl Chloride	1.84	62	164463	23.01	ppb		98
5) Bromomethane	2.14	94	95257	16.38	ppb		95
6) Chloroethane	2.24	64	82058	23.80	ppb	#	97
7) Trichlorofluoromethane	2.48	101	315517	24.95	ppb		100
8) Ethyl Ether	2.75	59	74223	26.28	ppb		97
9) Freon-113	2.96	101	160604	24.37	ppb		97
10) 1,1-Dichloroethylene	2.96	61	223260	25.71	ppb		99
11) Acrolein	2.87	56	6104	17.04	ppb		96
12) Iodomethane	3.10	142	91514	26.97	ppb		99
13) Methyl Acetate	3.31	43	36728	19.51	ppb		98
14) tert-Butyl Alcohol (TBA)	3.52	59	7080	61.57	ppb	#	100
15) trans-1,2-Dichloroethylene	3.65	61	177320	21.13	ppb		98
16) Carbon Disulfide	3.16	76	337467	24.61	ppb		100
17) Methylene Chloride	3.40	49	156253	29.22	ppb		98
18) Acrylonitrile	3.62	53	15854	18.73	ppb		95
19) tert-Butyl Methyl Ether (M	3.66	73	267488	108.50	ppb		98
20) Acetone	3.01	43	36257	22.41	ppb	#	100
21) 1,1-Dichloroethane	4.03	63	207191	18.45	ppb		100
22) Vinyl Acetate	4.08	43	134319	17.08	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	169332	22.86	ppb	#	46
24) 2-Butanone	4.57	72	7779	20.09	ppb		84
25) 2,2-Dichloropropane	4.56	77	252248	25.84	ppb		100
26) Bromochloromethane	4.78	49	88499	17.98	ppb		94
27) Chloroform	4.85	83	309335	23.31	ppb		99
28) Tetrahydrofuran	4.84	71	6601	22.78	ppb	#	39
29) 1,1-Dichloropropylene	5.17	75	244607	23.22	ppb		100
30) 1,1,1-Trichloroethane	5.02	97	324220	23.61	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188259C.D
Acq On : 17 Apr 2013 5:41 pm
Sample : 20 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 8
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.11	56	323227m	12.46	ppb		
33)	Carbon Tetrachloride	5.18	117	276698	22.38	ppb		99
34)	1,2-Dichloroethane	5.38	62	203062	23.56	ppb		100
35)	Benzene	5.37	78	512047	21.87	ppb	#	100
37)	Trichloroethylene	5.97	95	185923	21.88	ppb		99
38)	Methyl Cyclohexane	6.15	83	263431	20.85	ppb	#	100
39)	Dibromomethane	6.29	93	65273	17.08	ppb		99
40)	Methyl Methacrylate	6.29	69	62280	20.22	ppb		100
41)	Bromodichloromethane	6.44	83	223775	21.02	ppb		100
42)	1,2-Dichloropropane	6.18	63	117796	19.08	ppb		97
43)	1,4-Dioxane	6.32	88	18994	332.36	ppb		93
44)	2-Chloroethylvinyl ether	6.73	63	44582	263.08	ppb	#	100
45)	cis-1,3-Dichloropropene	6.87	75	221017	20.34	ppb		99
46)	2-Hexanone	7.87	43	76164	23.46	ppb		96
48)	Toluene	7.21	91	611873	21.13	ppb		100
49)	trans-1,3-Dichloropropene	7.43	75	203569	21.18	ppb		99
50)	1,1,2-Trichloroethane	7.61	83	85478	21.56	ppb		98
51)	1,3-Dichloropropane	7.79	76	182703	20.73	ppb	#	99
52)	Tetrachloroethylene	7.77	166	207449	20.81	ppb		98
53)	4-Methyl-2-Pentanone	7.03	43	127079	20.45	ppb		99
54)	Dibromochloromethane	8.02	129	154182	20.97	ppb		99
55)	1,2-Dibromoethane	8.15	107	117778	21.43	ppb		100
56)	Chlorobenzene	8.66	112	426358	21.05	ppb		100
57)	Ethyl Benzene	8.77	91	783078	21.87	ppb		100
58)	p- & m-Xylenes	8.90	91	1192951	44.21	ppb		100
59)	o-Xylene	9.33	91	612733	21.86	ppb		99
60)	Styrene	9.34	104	443886	21.18	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.74	131	163573	20.78	ppb		98
63)	Bromoform	9.54	173	84076	20.04	ppb	#	100
65)	p-Ethyltoulene	10.30	105	749685	20.53	ppb		99
66)	p-Diethylbenzene	11.59	119	387806	20.11	ppb		98
67)	1,1,2,2-Tetrachloroethane	10.05	83	114420	20.04	ppb		100
68)	1,2,3-Trichloropropane	10.10	110	42718	21.32	ppb		89
69)	Isopropylbenzene	9.73	105	807929	20.46	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.52	75	24638	21.29	ppb		99
71)	Bromobenzene	10.06	77	289601	19.81	ppb		98
72)	trans-1,4-Dichloro-2-buten	10.10	75	144045m	20.07	ppb		
73)	n-Propylbenzene	10.18	91	920043	20.63	ppb		100
74)	2-Chlorotoluene	10.27	91	611634	20.64	ppb		100
75)	4-Chlorotoluene	10.40	91	608804	20.56	ppb		100
76)	tert-Butylbenzene	10.74	119	722136	20.89	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188259C.D
Acq On : 17 Apr 2013 5:41 pm
Sample : 20 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 8
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

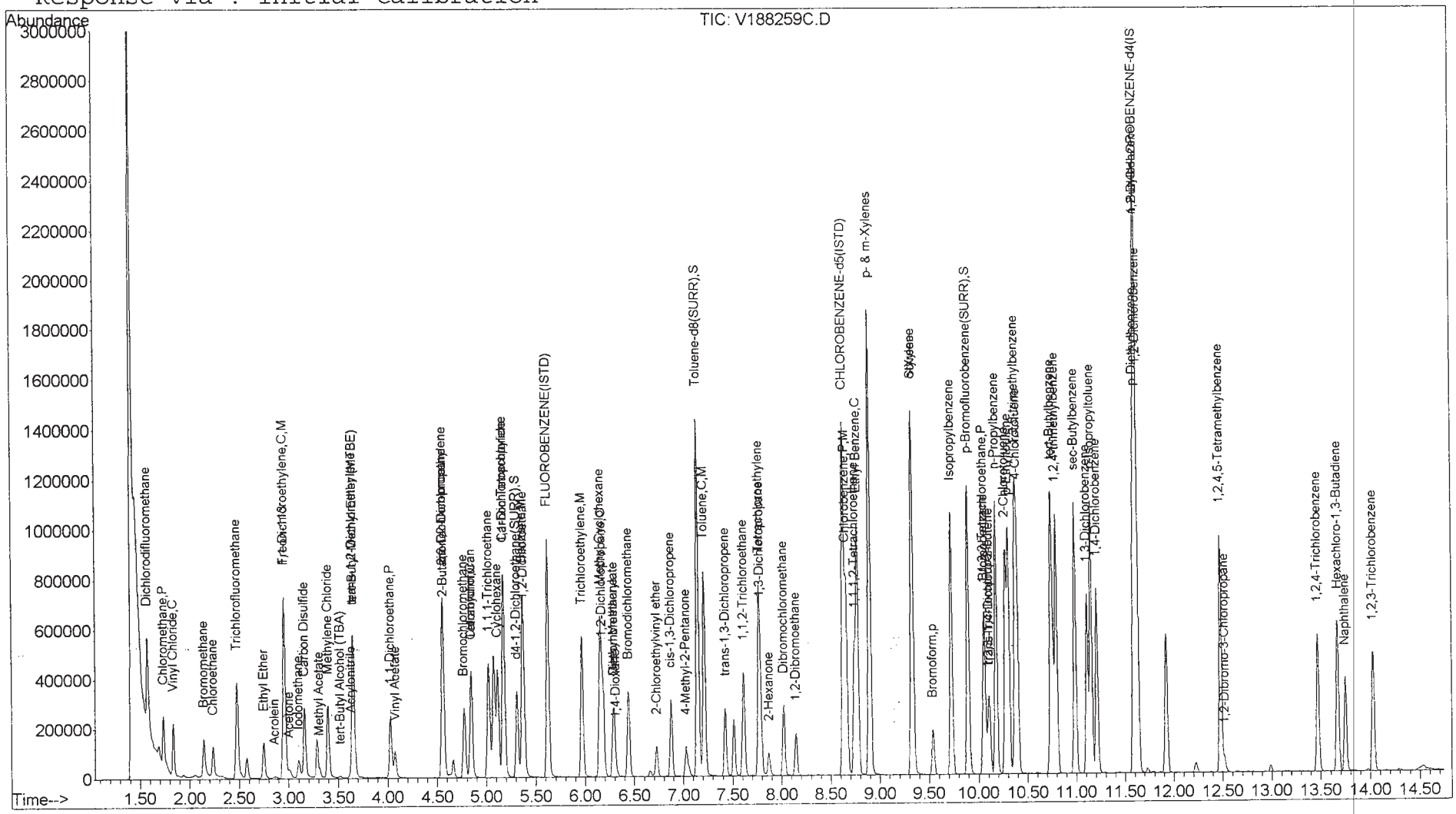
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.37	105	641707	20.67	ppb		99
78)	1,2,4-trimethylbenzene	10.79	105	660962	21.34	ppb		99
79)	sec-Butylbenzene	10.99	105	847867	20.70	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	322974	20.83	ppb	#	99
81)	1,4-Dichlorobenzene	11.21	146	314908	20.63	ppb	#	100
82)	1,2-Dichlorobenzene	11.63	146	281849	21.16	ppb	#	68
83)	p-Isopropyltoluene	11.15	119	712774	20.86	ppb	#	100
84)	n-Butylbenzene	11.62	91	790077	20.74	ppb	#	86
85)	1,2,4,5-Tetramethylbenzene	12.48	119	592417	20.22	ppb		100
86)	1,2,4-Trichlorobenzene	13.47	180	196582	20.11	ppb		98
87)	Naphthalene	13.75	128	322033	20.08	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	136314	20.00	ppb	#	68
89)	1,2,3-Trichlorobenzene	14.03	182	165186	20.39	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188259C.D Vial: 8
Acq On : 17 Apr 2013 5:41 pm Operator: SS
Sample : 20 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:45:58 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188260C.D Vial: 9
Acq On : 17 Apr 2013 6:20 pm Operator: SS
Sample : 50 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	169142	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	874667	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	349696	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	250087	52.87	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 105.74%				
47) Toluene-d8(SURR)	7.15	98	932605	49.16	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.32%				
64) p-Bromofluorobenzene(SURR)	9.89	174	356718	49.76	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	692318	50.97	ppb		99
3) Chloromethane	1.74	50	436238	48.36	ppb		99
4) Vinyl Chloride	1.84	62	388126	53.08	ppb		100
5) Bromomethane	2.14	94	207994	34.97	ppb		94
6) Chloroethane	2.24	64	202135	57.32	ppb		100
7) Trichlorofluoromethane	2.48	101	759355	58.71	ppb		100
8) Ethyl Ether	2.75	59	187855	65.02	ppb		97
9) Freon-113	2.95	101	425139	63.07	ppb		97
10) 1,1-Dichloroethylene	2.96	61	553322	62.30	ppb		100
11) Acrolein	2.86	56	15955	43.54	ppb		96
12) Iodomethane	3.10	142	288282	83.06	ppb		100
13) Methyl Acetate	3.31	43	85099	44.19	ppb		100
14) tert-Butyl Alcohol (TBA)	3.52	59	19882	169.04	ppb	#	100
15) trans-1,2-Dichloroethylene	3.65	61	453955	52.90	ppb		98
16) Carbon Disulfide	3.16	76	892802	63.66	ppb		100
17) Methylene Chloride	3.39	49	352749	64.49	ppb		96
18) Acrylonitrile	3.62	53	45921	53.04	ppb	#	83
19) tert-Butyl Methyl Ether (M	3.65	73	675634	267.94	ppb		99
20) Acetone	3.01	43	93030	56.21	ppb	#	100
21) 1,1-Dichloroethane	4.02	63	528854	46.04	ppb		100
22) Vinyl Acetate	4.07	43	253863	31.56	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	413546	54.59	ppb	#	46
24) 2-Butanone	4.58	72	19578	49.45	ppb		99
25) 2,2-Dichloropropane	4.56	77	653802	65.48	ppb		100
26) Bromochloromethane	4.77	49	240628	47.80	ppb		94
27) Chloroform	4.85	83	788561	58.09	ppb		99
28) Tetrahydrofuran	4.84	71	18656	62.95	ppb		75
29) 1,1-Dichloropropylene	5.17	75	606910	56.32	ppb		100
30) 1,1,1-Trichloroethane	5.02	97	806709	57.44	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1041713\V188260C.D Vial: 9
Acq On : 17 Apr 2013 6:20 pm Operator: SS
Sample : 50 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31) Cyclohexane	5.07	56	598996m	22.58	ppb		
33) Carbon Tetrachloride	5.18	117	710643	56.19	ppb		99
34) 1,2-Dichloroethane	5.38	62	522979	59.33	ppb		100
35) Benzene	5.37	78	1304212	54.45	ppb	#	100
37) Trichloroethylene	5.96	95	456841	53.32	ppb		99
38) Methyl Cyclohexane	6.16	83	651104	51.12	ppb	#	71
39) Dibromomethane	6.29	93	179468	46.59	ppb		97
40) Methyl Methacrylate	6.29	69	154817	49.84	ppb		99
41) Bromodichloromethane	6.44	83	565403	52.68	ppb		100
42) 1,2-Dichloropropane	6.18	63	311000	49.95	ppb		97
43) 1,4-Dioxane	6.32	88	54835	951.57	ppb		94
44) 2-Chloroethylvinyl ether	6.72	63	123381	722.04	ppb	#	100
45) cis-1,3-Dichloropropene	6.88	75	570681	52.08	ppb		99
46) 2-Hexanone	7.87	43	166444	50.85	ppb		98
48) Toluene	7.21	91	1567146	53.67	ppb		99
49) trans-1,3-Dichloropropene	7.42	75	521968	53.86	ppb		99
50) 1,1,2-Trichloroethane	7.61	83	212802	53.22	ppb		99
51) 1,3-Dichloropropane	7.79	76	474088	53.34	ppb	#	100
52) Tetrachloroethylene	7.77	166	525574	52.28	ppb		98
53) 4-Methyl-2-Pentanone	7.03	43	285303	45.53	ppb		99
54) Dibromochloromethane	8.02	129	407305	54.95	ppb		100
55) 1,2-Dibromoethane	8.15	107	299432	54.04	ppb		100
56) Chlorobenzene	8.66	112	1072689	52.53	ppb		99
57) Ethyl Benzene	8.77	91	1971574	54.62	ppb		100
58) p- & m-Xylenes	8.90	91	3013370	110.76	ppb		100
59) o-Xylene	9.33	91	1544024	54.64	ppb		100
60) Styrene	9.34	104	1139059	53.91	ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	417646	52.61	ppb		99
63) Bromoform	9.54	173	219755	52.02	ppb	#	100
65) p-Ethyltoulene	10.30	105	1876551	51.04	ppb		98
66) p-Diethylbenzene	11.59	119	997901	51.39	ppb		98
67) 1,1,2,2-Tetrachloroethane	10.04	83	289371	50.33	ppb		99
68) 1,2,3-Trichloropropane	10.10	110	110013	54.53	ppb		87
69) Isopropylbenzene	9.73	105	2066857	51.97	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.51	75	61589	52.85	ppb		98
71) Bromobenzene	10.06	77	741207	50.35	ppb		98
72) trans-1,4-Dichloro-2-buten	10.10	75	355745m	49.23	ppb		
73) n-Propylbenzene	10.18	91	2332691	51.95	ppb		100
74) 2-Chlorotoluene	10.27	91	1550474	51.96	ppb		100
75) 4-Chlorotoluene	10.40	91	1534793	51.47	ppb		100
76) tert-Butylbenzene	10.74	119	1836306	52.76	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188260C.D
Acq On : 17 Apr 2013 6:20 pm
Sample : 50 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:46 2013

Vial: 9
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

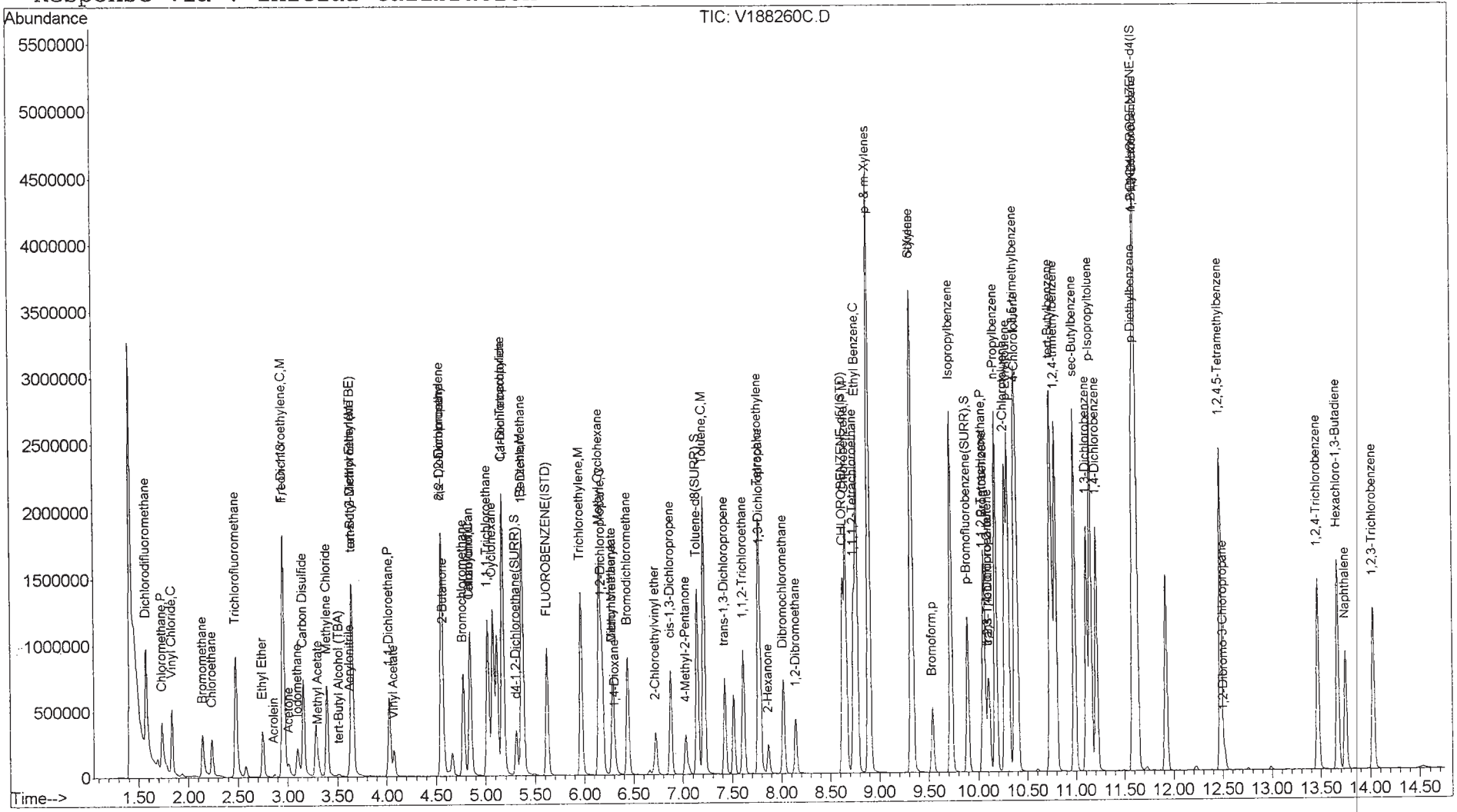
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.37	105	1623809	51.95	ppb		100
78)	1,2,4-trimethylbenzene	10.79	105	1650482	52.91	ppb		99
79)	sec-Butylbenzene	10.99	105	2151756	52.17	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	821942	52.63	ppb	#	100
81)	1,4-Dichlorobenzene	11.21	146	797911	51.91	ppb	#	99
82)	1,2-Dichlorobenzene	11.63	146	698167	52.06	ppb	#	100
83)	p-Isopropyltoluene	11.15	119	1787617	51.94	ppb	#	100
84)	n-Butylbenzene	11.62	91	2013585	52.49	ppb		100
85)	1,2,4,5-Tetramethylbenzene	12.48	119	1492082	50.58	ppb		99
86)	1,2,4-Trichlorobenzene	13.47	180	511563	51.97	ppb		99
87)	Naphthalene	13.75	128	804791	49.84	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	346956	50.55	ppb	#	68
89)	1,2,3-Trichlorobenzene	14.03	182	421864	51.71	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188260C.D Vial: 9
Acq On : 17 Apr 2013 6:20 pm Operator: SS
Sample : 50 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188261C.D
Acq On : 17 Apr 2013 6:58 pm
Sample : 100 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Vial: 10
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	169142	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	863236	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	341084	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	246043	52.02	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 104.04%				
47) Toluene-d8(SURR)	7.14	98	923634	49.34	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.68%				
64) p-Bromofluorobenzene(SURR)	9.89	174	347060	49.63	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.26%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	1353059	99.61	ppb		100
3) Chloromethane	1.74	50	837591	92.86	ppb		100
4) Vinyl Chloride	1.84	62	764323	104.54	ppb		100
5) Bromomethane	2.14	94	450618	75.77	ppb		96
6) Chloroethane	2.24	64	402599	114.17	ppb		100
7) Trichlorofluoromethane	2.48	101	1512854	116.96	ppb		100
8) Ethyl Ether	2.75	59	370110	128.11	ppb		97
9) Freon-113	2.96	101	863019	128.04	ppb		96
10) 1,1-Dichloroethylene	2.96	61	1077057	121.27	ppb		98
11) Acrolein	2.87	56	35345	96.45	ppb		88
12) Iodomethane	3.10	142	684108	197.10	ppb		98
13) Methyl Acetate	3.31	43	177862	92.36	ppb		99
14) tert-Butyl Alcohol (TBA)	3.51	59	43198	367.27	ppb	#	100
15) trans-1,2-Dichloroethylene	3.64	61	887614	103.43	ppb		97
16) Carbon Disulfide	3.16	76	1784665	127.26	ppb		100
17) Methylene Chloride	3.40	49	673469	123.12	ppb		96
18) Acrylonitrile	3.62	53	88540	102.26	ppb	#	60
19) tert-Butyl Methyl Ether (M	3.66	73	1325487	525.66	ppb		99
20) Acetone	3.01	43	154182	93.17	ppb	#	100
21) 1,1-Dichloroethane	4.03	63	1076429	93.72	ppb		99
22) Vinyl Acetate	4.07	43	654294	81.34	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	846939	111.80	ppb	#	46
24) 2-Butanone	4.58	72	41439	104.66	ppb		99
25) 2,2-Dichloropropane	4.56	77	1359826	136.18	ppb		100
26) Bromochloromethane	4.78	49	478227	95.00	ppb		97
27) Chloroform	4.85	83	1570334	115.69	ppb		100
28) Tetrahydrofuran	4.83	71	40757	137.53	ppb		88
29) 1,1-Dichloropropylene	5.17	75	1199950	111.36	ppb		100
30) 1,1,1-Trichloroethane	5.02	97	1623713	115.61	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188261C.D
Acq On : 17 Apr 2013 6:58 pm
Sample : 100 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 10
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.08	56	1312938m	49.50	ppb		
33)	Carbon Tetrachloride	5.18	117	1415806	111.95	ppb		100
34)	1,2-Dichloroethane	5.38	62	1039214	117.89	ppb		100
35)	Benzene	5.36	78	2564104	107.05	ppb	#	100
37)	Trichloroethylene	5.97	95	926687	109.59	ppb		99
38)	Methyl Cyclohexane	6.15	83	1341458	106.71	ppb	#	98
39)	Dibromomethane	6.30	93	402168	105.77	ppb		98
40)	Methyl Methacrylate	6.28	69	324280	105.77	ppb		99
41)	Bromodichloromethane	6.44	83	1177451	111.15	ppb		100
42)	1,2-Dichloropropane	6.18	63	606307	98.68	ppb		97
43)	1,4-Dioxane	6.32	88	97048	1706.40	ppb		99
44)	2-Chloroethylvinyl ether	6.73	63	260520	1544.79	ppb	#	100
45)	cis-1,3-Dichloropropene	6.87	75	1144140	105.79	ppb		99
46)	2-Hexanone	7.87	43	356824	110.45	ppb		98
48)	Toluene	7.21	91	3056608	106.07	ppb		99
49)	trans-1,3-Dichloropropene	7.43	75	1070483	111.92	ppb		100
50)	1,1,2-Trichloroethane	7.62	83	430891	109.19	ppb		99
51)	1,3-Dichloropropane	7.79	76	925154	105.46	ppb	#	86
52)	Tetrachloroethylene	7.77	166	1072508	108.10	ppb		98
53)	4-Methyl-2-Pentanone	7.03	43	677565	109.56	ppb		100
54)	Dibromochloromethane	8.02	129	832457	113.79	ppb		100
55)	1,2-Dibromoethane	8.15	107	604898	110.61	ppb		99
56)	Chlorobenzene	8.66	112	2136496	106.02	ppb		100
57)	Ethyl Benzene	8.77	91	3846629	107.98	ppb		100
58)	p- & m-Xylenes	8.90	91	5823431	216.88	ppb		99
59)	o-Xylene	9.32	91	3039530	108.99	ppb		100
60)	Styrene	9.34	104	2274484	109.06	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.74	131	847498	108.18	ppb		99
63)	Bromoform	9.54	173	476565	115.67	ppb	#	100
65)	p-Ethyltoulene	10.31	105	3950066	110.16	ppb		98
66)	p-Diethylbenzene	11.59	119	2104528	111.11	ppb		98
67)	1,1,2,2-Tetrachloroethane	10.05	83	611200	108.99	ppb		99
68)	1,2,3-Trichloropropane	10.10	110	222282	112.96	ppb		87
69)	Isopropylbenzene	9.72	105	4060837	104.68	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.52	75	137037	120.57	ppb		100
71)	Bromobenzene	10.06	77	1483781	103.33	ppb		97
72)	trans-1,4-Dichloro-2-buten	10.10	75	755354m	107.17	ppb		
73)	n-Propylbenzene	10.18	91	4574485	104.45	ppb		100
74)	2-Chlorotoluene	10.28	91	3111963	106.93	ppb		100
75)	4-Chlorotoluene	10.40	91	3050510	104.88	ppb		100
76)	tert-Butylbenzene	10.74	119	3701480	109.03	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188261C.D
Acq On : 17 Apr 2013 6:58 pm
Sample : 100 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 10
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

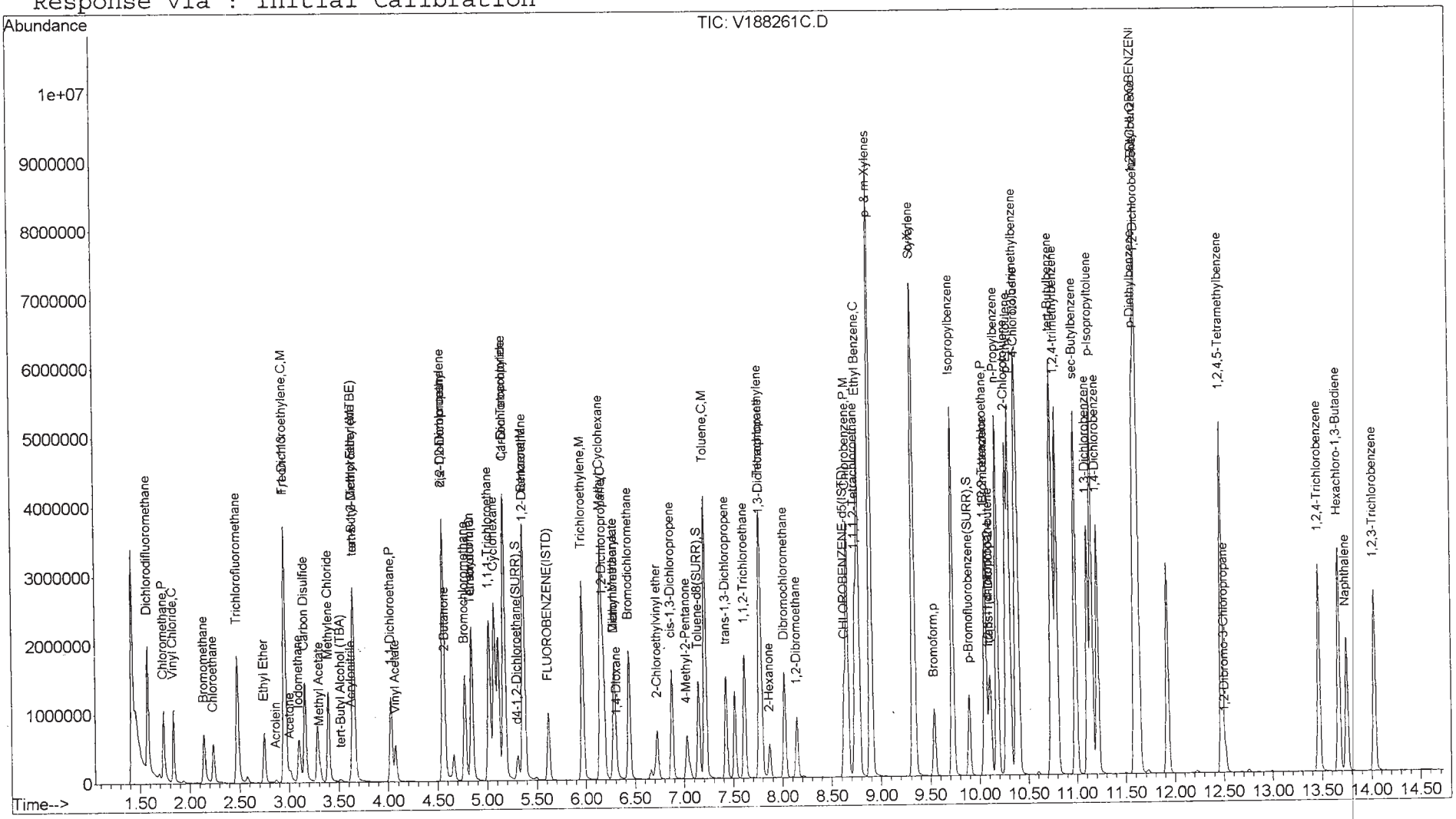
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.38	105	3258775	106.90	ppb		99
78)	1,2,4-trimethylbenzene	10.80	105	3268038	107.42	ppb		100
79)	sec-Butylbenzene	10.99	105	4271868	106.18	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	1660128	108.99	ppb	#	100
81)	1,4-Dichlorobenzene	11.21	146	1627220	108.54	ppb	#	100
82)	1,2-Dichlorobenzene	11.63	146	1457573	111.44	ppb	#	100
83)	p-Isopropyltoluene	11.15	119	3627673	108.07	ppb	#	100
84)	n-Butylbenzene	11.62	91	4034304	107.81	ppb		99
85)	1,2,4,5-Tetramethylbenzene	12.48	119	3136097	108.99	ppb		99
86)	1,2,4-Trichlorobenzene	13.47	180	1058337	110.23	ppb		99
87)	Naphthalene	13.75	128	1746422	110.88	ppb	#	97
88)	Hexachloro-1,3-Butadiene	13.67	225	721928	107.85	ppb	#	100
89)	1,2,3-Trichlorobenzene	14.03	182	887856	111.58	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188261C.D Vial: 10
Acq On : 17 Apr 2013 6:58 pm Operator: SS
Sample : 100 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:08 2013
Response via : Initial Calibration



V188261C.D V1C00360.M Thu Apr 18 14:47:29 2013 Page 4

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188262C.D
Acq On : 17 Apr 2013 7:37 pm
Sample : 200 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 11
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	172923	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	894180	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.62	152	347918	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	256352	53.01	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 106.02%				
47) Toluene-d8(SURR)	7.15	98	967315	49.88	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 99.76%				
64) p-Bromofluorobenzene(SURR)	9.90	174	344906	48.36	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 96.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	2660748	191.59	ppb		99
3) Chloromethane	1.74	50	1711473	185.59	ppb		100
4) Vinyl Chloride	1.84	62	1581618	211.59	ppb		100
5) Bromomethane	2.14	94	1013941	166.77	ppb		95
6) Chloroethane	2.24	64	833083	231.08	ppb		100
7) Trichlorofluoromethane	2.48	101	3120308	235.97	ppb		100
8) Ethyl Ether	2.75	59	765511	259.17	ppb		95
9) Freon-113	2.96	101	1734033	251.63	ppb		97
10) 1,1-Dichloroethylene	2.96	61	2230139	245.62	ppb		98
11) Acrolein	2.87	56	77380	206.53	ppb		96
12) Iodomethane	3.10	142	1675678	472.24	ppb		100
13) Methyl Acetate	3.31	43	397764	202.04	ppb		99
14) tert-Butyl Alcohol (TBA)	3.51	59	87423	727.02	ppb	#	100
15) trans-1,2-Dichloroethylene	3.64	61	1828492	208.40	ppb		97
16) Carbon Disulfide	3.16	76	3691165	257.45	ppb		100
17) Methylene Chloride	3.40	49	1374870	245.86	ppb		96
18) Acrylonitrile	3.62	53	192371	217.32	ppb	#	62
19) tert-Butyl Methyl Ether (M	3.66	73	2728524	1058.41	ppb		99
20) Acetone	3.01	43	332655	196.61	ppb	#	100
21) 1,1-Dichloroethane	4.03	63	2142035	182.42	ppb		99
22) Vinyl Acetate	4.07	43	1201739	146.13	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	1727099	223.00	ppb	#	46
24) 2-Butanone	4.58	72	86825	214.49	ppb		87
25) 2,2-Dichloropropane	4.56	77	2800416	274.32	ppb		100
26) Bromochloromethane	4.78	49	924588	179.65	ppb		95
27) Chloroform	4.85	83	3190494	229.91	ppb		100
28) Tetrahydrofuran	4.83	71	83187	274.57	ppb	#	64
29) 1,1-Dichloropropylene	5.17	75	2387720	216.74	ppb		99
30) 1,1,1-Trichloroethane	5.02	97	3291058	229.21	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1041713\V188262C.D
Acq On : 17 Apr 2013 7:37 pm
Sample : 200 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 11
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.08	56	2522349m	93.01	ppb		
33)	Carbon Tetrachloride	5.18	117	2846112	220.12	ppb		100
34)	1,2-Dichloroethane	5.38	62	2093652	232.31	ppb		100
35)	Benzene	5.36	78	5035902	205.66	ppb	#	100
37)	Trichloroethylene	5.97	95	1889717	215.75	ppb		100
38)	Methyl Cyclohexane	6.15	83	2656513	204.00	ppb	#	98
39)	Dibromomethane	6.30	93	834455	211.88	ppb		97
40)	Methyl Methacrylate	6.28	69	639354	201.32	ppb		98
41)	Bromodichloromethane	6.44	83	2371320	216.11	ppb	#	97
42)	1,2-Dichloropropane	6.18	63	1210960	190.26	ppb		97
43)	1,4-Dioxane	6.32	88	223828	3799.39	ppb		97
44)	2-Chloroethylvinyl ether	6.73	63	521127	2983.16	ppb	#	100
45)	cis-1,3-Dichloropropene	6.88	75	2307599	205.98	ppb		99
46)	2-Hexanone	7.87	43	677868	202.57	ppb		99
48)	Toluene	7.21	91	6032225	202.08	ppb		99
49)	trans-1,3-Dichloropropene	7.43	75	2155001	217.51	ppb		100
50)	1,1,2-Trichloroethane	7.62	83	854417	209.03	ppb		99
51)	1,3-Dichloropropane	7.79	76	1846290	203.18	ppb	#	86
52)	Tetrachloroethylene	7.77	166	2172857	211.43	ppb		98
53)	4-Methyl-2-Pentanone	7.03	43	1313686	205.08	ppb		100
54)	Dibromochloromethane	8.02	129	1677711	221.39	ppb		100
55)	1,2-Dibromoethane	8.15	107	1213792	214.27	ppb		99
56)	Chlorobenzene	8.66	112	4244788	203.34	ppb		99
57)	Ethyl Benzene	8.78	91	7387606	200.20	ppb		99
58)	p- & m-Xylenes	8.90	91	10761491	386.92	ppb		97
59)	o-Xylene	9.33	91	5763698	199.51	ppb		99
60)	Styrene	9.34	104	4407402	204.03	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.75	131	1690755	208.34	ppb		99
63)	Bromoform	9.54	173	935746	222.65	ppb	#	100
65)	p-Ethyltoulene	10.31	105	7152269	195.54	ppb		99
66)	p-Diethylbenzene	11.59	119	3902979	202.01	ppb		96
67)	1,1,2,2-Tetrachloroethane	10.05	83	1125573	196.78	ppb		100
68)	1,2,3-Trichloropropane	10.10	110	426979	212.72	ppb		86
69)	Isopropylbenzene	9.73	105	7670163	193.83	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.52	75	249307	215.04	ppb		98
71)	Bromobenzene	10.06	77	2835443	193.59	ppb		96
72)	trans-1,4-Dichloro-2-buten	10.11	75	1419445m	197.43	ppb		
73)	n-Propylbenzene	10.18	91	8408662	188.23	ppb		100
74)	2-Chlorotoluene	10.28	91	5826005	196.25	ppb		100
75)	4-Chlorotoluene	10.40	91	5678871	191.40	ppb		99
76)	tert-Butylbenzene	10.74	119	6944519	200.53	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1041713\V188262C.D
Acq On : 17 Apr 2013 7:37 pm
Sample : 200 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:47 2013

Vial: 11
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00359.RES

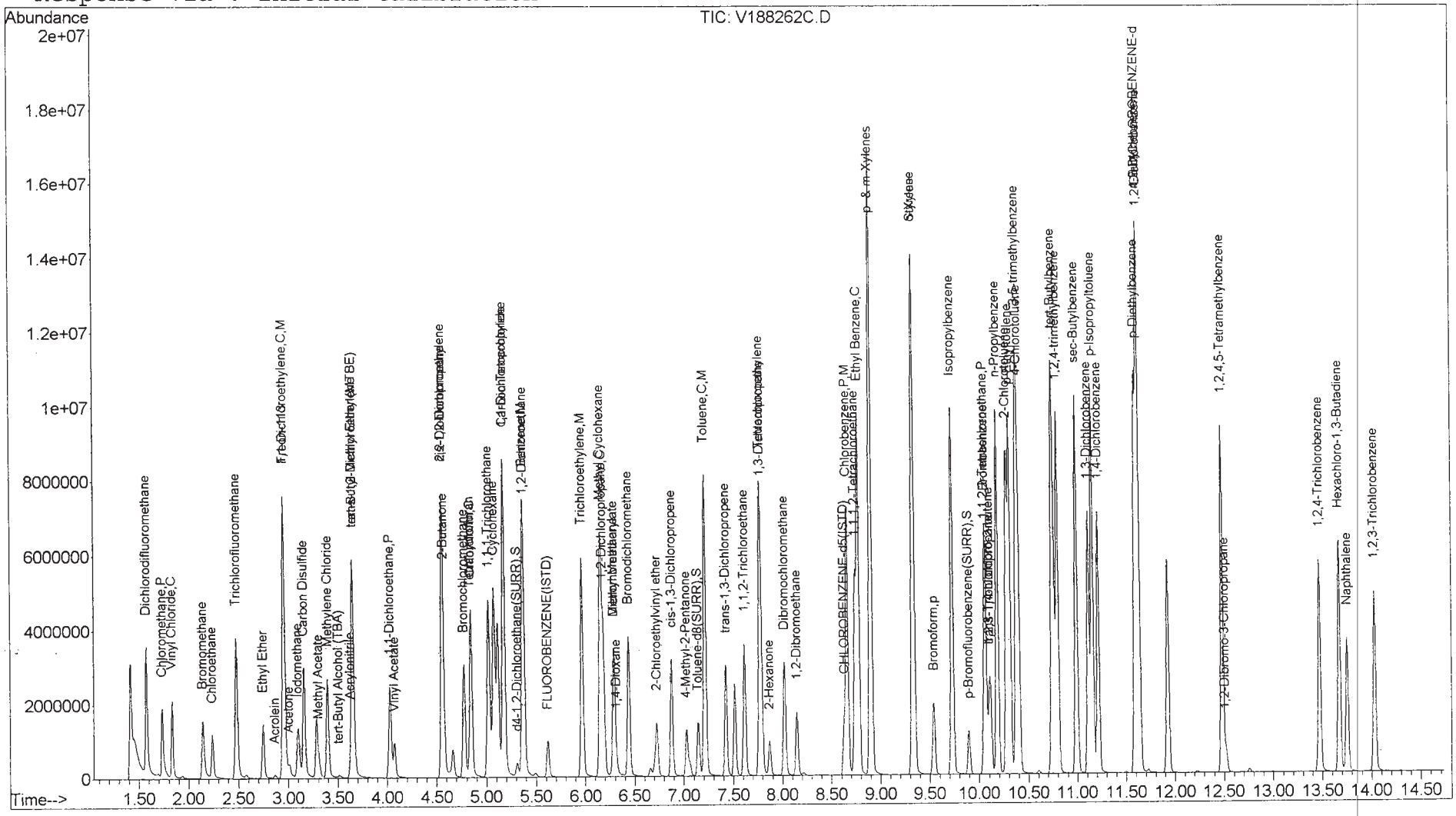
Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.38	105	6034972	194.07	ppb		99
78)	1,2,4-trimethylbenzene	10.80	105	6039057	194.60	ppb		99
79)	sec-Butylbenzene	10.99	105	7861985	191.57	ppb		99
80)	1,3-Dichlorobenzene	11.11	146	3122124	200.94	ppb	#	100
81)	1,4-Dichlorobenzene	11.21	146	3051369	199.53	ppb	#	100
82)	1,2-Dichlorobenzene	11.63	146	2743473	205.63	ppb	#	100
83)	p-Isopropyltoluene	11.16	119	6660275	194.52	ppb	#	100
84)	n-Butylbenzene	11.62	91	7332915	192.11	ppb		99
85)	1,2,4,5-Tetramethylbenzene	12.48	119	5696236	194.08	ppb		98
86)	1,2,4-Trichlorobenzene	13.47	180	2022114	206.48	ppb		98
87)	Naphthalene	13.75	128	3259457	202.87	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	1361972	199.46	ppb	#	99
89)	1,2,3-Trichlorobenzene	14.03	182	1676626	206.57	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1041713\V188262C.D Vial: 11
Acq On : 17 Apr 2013 7:37 pm Operator: SS
Sample : 200 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:34 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188264C.D Vial: 13
Acq On : 17 Apr 2013 8:53 pm Operator: SS
Sample : 50 ppb VOA ICV STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:48 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	166357	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	859581	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	344293	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	246136	50.88	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.76%				
47) Toluene-d8(SURR)	7.14	98	922261	50.04	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 100.08%				
64) p-Bromofluorobenzene(SURR)	9.89	174	344270	49.47	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.94%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	438757	31.47	ppb		100
3) Chloromethane	1.73	50	391018	42.37	ppb		100
4) Vinyl Chloride	1.83	62	326383	42.11	ppb		100
5) Bromomethane	2.15	94	233459	43.64	ppb		99
6) Chloroethane	2.23	64	192889	47.85	ppb		98
7) Trichlorofluoromethane	2.48	101	719301	47.15	ppb		99
8) Ethyl Ether	2.75	59	186467	52.04	ppb		98
9) Freon-113	2.95	101	411067	48.95	ppb		99
10) 1,1-Dichloroethylene	2.95	61	525426	48.39	ppb		100
11) Acrolein	2.86	56	15135	51.82	ppb	#	81
12) Iodomethane	3.10	142	341815	59.33	ppb		100
13) Methyl Acetate	3.31	43	95048	50.35	ppb	#	97
14) tert-Butyl Alcohol (TBA)	3.51	59	423846	1106.99	ppb		99
15) trans-1,2-Dichloroethylene	3.64	61	428421	48.78	ppb		98
16) Carbon Disulfide	3.16	76	1628856	96.63	ppb		100
17) Methylene Chloride	3.39	49	351875	45.37	ppb		99
18) Acrylonitrile	3.62	53	44098	51.83	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	662949	50.93	ppb		100
20) Acetone	3.01	43	77157	41.48	ppb		100
21) 1,1-Dichloroethane	4.03	63	580832	53.33	ppb		99
22) Vinyl Acetate	4.07	43	305191	46.40	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	429547	51.58	ppb	#	99
24) 2-Butanone	4.58	72	20834	57.20	ppb		93
25) 2,2-Dichloropropane	4.56	77	655196	50.69	ppb		100
26) Bromochloromethane	4.77	49	229696	52.86	ppb		99
27) Chloroform	4.84	83	762410	49.98	ppb		99
28) Tetrahydrofuran	4.84	71	19030	55.44	ppb		84
29) 1,1-Dichloropropylene	5.17	75	580757	48.51	ppb		100
30) 1,1,1-Trichloroethane	5.02	97	810068	50.93	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188264C.D
Acq On : 17 Apr 2013 8:53 pm
Sample : 50 ppb VOA ICV STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Vial: 13
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:48 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.07	56	531133	33.32	ppb	#	47
33)	Carbon Tetrachloride	5.17	117	696902	50.76	ppb		99
34)	1,2-Dichloroethane	5.37	62	512535	50.63	ppb		100
35)	Benzene	5.36	78	1297172	51.14	ppb		100
37)	Trichloroethylene	5.96	95	457093	49.43	ppb		99
38)	Methyl Cyclohexane	6.15	83	592272	44.93	ppb	#	100
39)	Dibromomethane	6.29	93	197480	57.94	ppb		99
40)	Methyl Methacrylate	6.28	69	162544	53.78	ppb		100
41)	Bromodichloromethane	6.43	83	585479	52.16	ppb		100
42)	1,2-Dichloropropane	6.18	63	309648	52.85	ppb		98
43)	1,4-Dioxane	6.33	88	2164	43.30	ppb	#	74
44)	2-Chloroethylvinyl ether	6.72	63	264513	112.27	ppb		99
45)	cis-1,3-Dichloropropene	6.88	75	585616	52.27	ppb	#	88
46)	2-Hexanone	7.87	43	175719	39.62	ppb		99
48)	Toluene	7.21	91	1546067	50.26	ppb		100
49)	trans-1,3-Dichloropropene	7.42	75	529333	52.24	ppb		100
50)	1,1,2-Trichloroethane	7.61	83	215739	51.67	ppb		99
51)	1,3-Dichloropropane	7.78	76	458491	50.16	ppb	#	100
52)	Tetrachloroethylene	7.77	166	529934	50.91	ppb		100
53)	4-Methyl-2-Pentanone	7.02	43	233672	38.01	ppb	#	97
54)	Dibromochloromethane	8.02	129	419420	54.37	ppb		100
55)	1,2-Dibromoethane	8.14	107	299565	50.83	ppb		99
56)	Chlorobenzene	8.66	112	1080833	51.01	ppb		99
57)	Ethyl Benzene	8.77	91	1991507	51.74	ppb		100
58)	p- & m-Xylenes	8.90	91	2985959	101.80	ppb		100
59)	o-Xylene	9.32	91	1520722	50.49	ppb		100
60)	Styrene	9.33	104	1171102	52.83	ppb	#	81
61)	1,1,1,2-Tetrachloroethane	8.74	131	423630	51.56	ppb		99
63)	Bromoform	9.53	173	226121	53.34	ppb	#	100
65)	p-Ethyltoulene	10.31	105	1857966	49.07	ppb		100
66)	p-Diethylbenzene	11.58	119	837500	42.04	ppb		88
67)	1,1,2,2-Tetrachloroethane	10.05	83	298616	52.86	ppb		99
68)	1,2,3-Trichloropropane	10.09	110	110968	52.47	ppb		99
69)	Isopropylbenzene	9.72	105	2018247	49.89	ppb	#	91
70)	1,2-Dibromo-3-Chloropropan	12.51	75	73508	62.44	ppb		90
71)	Bromobenzene	10.06	77	754318	51.65	ppb		100
73)	n-Propylbenzene	10.18	91	2284641	49.96	ppb		100
74)	2-Chlorotoluene	10.28	91	1531290	49.72	ppb		100
75)	4-Chlorotoluene	10.39	91	1537217	50.53	ppb		100
76)	tert-Butylbenzene	10.74	119	1833341	50.97	ppb	#	99
77)	1,3,5-trimethylbenzene	10.38	105	1612822	50.11	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188264C.D
Acq On : 17 Apr 2013 8:53 pm
Sample : 50 ppb VOA ICV STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:48 2013

Vial: 13
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

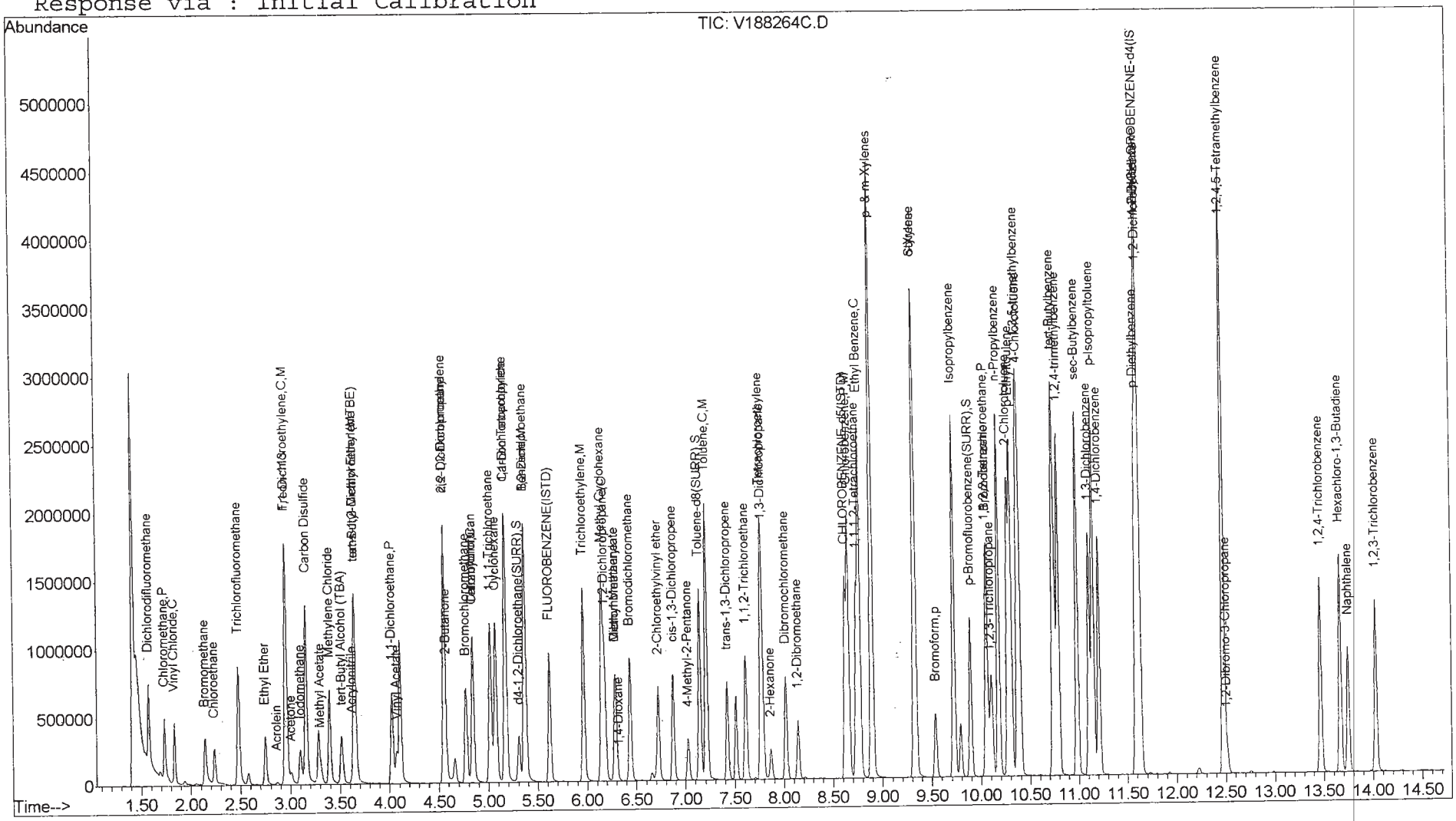
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78) 1,2,4-trimethylbenzene	10.79	105	1595657	49.10	ppb		100
79) sec-Butylbenzene	10.99	105	2177524	51.59	ppb		100
80) 1,3-Dichlorobenzene	11.11	146	810217	50.14	ppb	#	68
81) 1,4-Dichlorobenzene	11.21	146	787186	49.31	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	700539	49.70	ppb	#	84
83) p-Isopropyltoluene	11.15	119	1801495	50.92	ppb	#	100
84) n-Butylbenzene	11.61	91	1909842	47.98	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.48	119	2807165	93.69	ppb		99
86) 1,2,4-Trichlorobenzene	13.47	180	507244	49.23	ppb		100
87) Naphthalene	13.75	128	847947	52.42	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	352092	50.43	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.03	182	423209	49.82	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188264C.D Vial: 13
Acq On : 17 Apr 2013 8:53 pm Operator: SS
Sample : 50 ppb VOA ICV STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:48 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		FLUOROBENZENE(ISTD)	1.000	1.000	0.0	77	0.00
2		Dichlorodifluoromethane	4.190	4.165	0.6	79	0.00
3	P	Chloromethane	2.774	2.304	16.9	69	0.00
4	C	Vinyl Chloride	2.330	2.407	-3.3	81	0.00
5		Bromomethane	1.608	1.692	-5.2	106	0.00
6		Chloroethane	1.212	1.296	-6.9	84	0.00
7		Trichlorofluoromethane	4.585	4.686	-2.2	81	0.00
8		Ethyl Ether	1.077	1.112	-3.2	78	0.00
9		Freon-113	2.524	2.607	-3.3	80	0.00
10	C,M	1,1-Dichloroethylene	3.263	3.285	-0.7	78	0.00
11		Acrolein	0.088	0.092	-4.5	76	0.00
12		Iodomethane	1.732	1.924	-11.1	87	0.00
13		Methyl Acetate	0.567	0.625	-10.2	96	0.00
14		tert-Butyl Alcohol (TBA)	0.115	0.136	-18.3	90	0.00
15		trans-1,2-Dichloroethylene	2.640	3.247	-23.0	94	0.00
16		Carbon Disulfide	5.066	5.543	-9.4	81	0.00
17		Methylene Chloride	2.331	2.088	10.4	77	-0.01
18		Acrylonitrile	0.256	0.336	-31.3#	96	0.00
19		tert-Butyl Methyl Ether (MT	3.913	5.117	-30.8#	99	0.00
20		Acetone	0.559	0.603	-7.9	85	0.00
21	P	1,1-Dichloroethane	3.273	4.157	-27.0#	103	0.00
22		Vinyl Acetate	1.977	2.148	-8.6	111	0.00
23		cis-1,2-Dichloroethylene	2.503	3.039	-21.4	96	0.00
24		2-Butanone	0.109	0.137	-25.7#	92	0.00
25		2,2-Dichloropropane	3.885	4.462	-14.9	89	0.00
26		Bromochloromethane	1.306	1.588	-21.6	86	0.00
27	C	Chloroform	4.585	5.088	-11.0	84	0.00
28		Tetrahydrofuran	0.103	0.110	-6.8	77	0.00
29		1,1-Dichloropropylene	3.598	3.963	-10.1	85	0.00
30		1,1,1-Trichloroethane	4.781	5.500	-15.0	89	0.00
31		Cyclohexane	4.791	4.211	12.1	92	0.00
32	S	d4-1,2-Dichloroethane(SURR)	1.454	1.504	-3.4	79	0.00
33		Carbon Tetrachloride	4.127	4.697	-13.8	87	0.00
34		1,2-Dichloroethane	3.042	3.506	-15.3	88	0.00
35	M	Benzene	7.624	8.666	-13.7	87	0.00
36		CHLOROBENZENE-d5(ISTD)	1.000	1.000	0.0	84	0.00
37	M	Trichloroethylene	0.538	0.552	-2.6	89	0.00
38		Methyl Cyclohexane	0.767	0.768	-0.1	87	0.00
39		Dibromomethane	0.198	0.239	-20.7	98	-0.01
40		Methyl Methacrylate	0.176	0.184	-4.5	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		Bromodichloromethane	0.653	0.661	-1.2	86	-0.01
42	C	1,2-Dichloropropane	0.341	0.343	-0.6	81	0.00
43		1,4-Dioxane	0.003	0.003#	0.0	79	-0.01
44		2-Chloroethylvinyl ether	0.137	0.127	7.3	76	0.00
45		cis-1,3-Dichloropropene	0.652	0.655	-0.5	85	-0.01
46		2-Hexanone	0.258	0.183	29.1#	81	0.00
47	S	Toluene-d8(SURR)	1.072	1.056	1.5	84	-0.01
48	C,M	Toluene	1.789	1.860	-4.0	88	0.00
49		trans-1,3-Dichloropropene	0.589	0.605	-2.7	85	0.00
50		1,1,2-Trichloroethane	0.243	0.249	-2.5	86	0.00
51		1,3-Dichloropropane	0.532	0.539	-1.3	84	0.00
52		Tetrachloroethylene	0.605	0.661	-9.3	93	-0.01
53		4-Methyl-2-Pentanone	0.358	0.298	16.8	77	-0.01
54		Dibromochloromethane	0.449	0.478	-6.5	87	0.00
55		1,2-Dibromoethane	0.343	0.348	-1.5	86	0.00
56	P,M	Chlorobenzene	1.233	1.272	-3.2	87	-0.01
57	C	Ethyl Benzene	2.239	2.295	-2.5	86	-0.01
58		p- & m-Xylenes	1.706	1.748	-2.5	86	0.00
59		o-Xylene	1.752	1.811	-3.4	87	-0.01
60		Styrene	1.289	1.354	-5.0	88	-0.01
61		1,1,1,2-Tetrachloroethane	0.478	0.503	-5.2	89	0.00
62		1,2-DICHLOROBENZENE-d4(ISTD	1.000	1.000	0.0	88	-0.01
63	p	Bromoform	0.616	0.657	-6.7	92	0.00
64	S	p-Bromofluorobenzene(SURR)	1.011	1.007	0.4	86	0.00
65		p-Ethyltoulene	5.499	5.494	0.1	90	0.00
66		p-Diethylbenzene	2.893	2.863	1.0	88	0.00
67	P	1,1,2,2-Tetrachloroethane	0.820	0.809	1.3	86	0.00
68		1,2,3-Trichloropropane	0.307	0.314	-2.3	87	0.00
69		Isopropylbenzene	5.875	5.829	0.8	86	-0.01
70		1,2-Dibromo-3-Chloropropane	0.171	0.180	-5.3	90	0.00
71		Bromobenzene	2.121	2.044	3.6	84	0.00
72		trans-1,4-Dichloro-2-butene	1.020	1.012	0.8	87	-0.01
73		n-Propylbenzene	6.641	6.475	2.5	85	-0.01
74		2-Chlorotoluene	4.473	4.368	2.3	86	0.00
75		4-Chlorotoluene	4.418	4.272	3.3	85	-0.01
76		tert-Butylbenzene	5.223	5.264	-0.8	88	0.00
77		1,3,5-trimethylbenzene	4.674	4.628	1.0	87	0.00
78		1,2,4-trimethylbenzene	4.720	4.628	1.9	86	0.00
79		sec-Butylbenzene	6.130	6.129	0.0	87	0.00
80		1,3-Dichlorobenzene	2.347	2.362	-0.6	88	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	1,4-Dichlorobenzene	2.318	2.253	2.8	86	-0.01
82	1,2-Dichlorobenzene	2.047	2.050	-0.1	90	0.00
83	p-Isopropyltoluene	5.138	5.122	0.3	88	-0.01
84	n-Butylbenzene	5.781	5.626	2.7	86	-0.01
85	1,2,4,5-Tetramethylbenzene	4.351	4.338	0.3	89	0.00
86	1,2,4-Trichlorobenzene	1.496	1.453	2.9	87	0.00
87	Naphthalene	2.349	2.408	-2.5	92	0.00
88	Hexachloro-1,3-Butadiene	1.014	1.012	0.2	89	0.00
89	1,2,3-Trichlorobenzene	1.234	1.234	0.0	90	0.00

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 9:03 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	130880	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	737609	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	306203	50.00	ppb		-0.01
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	196905	51.73	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 103.46%				
47) Toluene-d8(SURR)	7.14	98	778852	49.25	ppb		-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.50%				
64) p-Bromofluorobenzene(SURR)	9.89	174	308364	49.82	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	545064	49.69	ppb		99
3) Chloromethane	1.73	50	301611	41.54	ppb		100
4) Vinyl Chloride	1.83	62	315047	51.66	ppb		100
5) Bromomethane	2.14	94	221393	52.61	ppb		99
6) Chloroethane	2.23	64	169606	53.48	ppb		100
7) Trichlorofluoromethane	2.47	101	613250	51.09	ppb		99
8) Ethyl Ether	2.74	59	145602	51.65	ppb		97
9) Freon-113	2.95	101	341146	51.63	ppb		99
10) 1,1-Dichloroethylene	2.95	61	429896	50.33	ppb		97
11) Acrolein	2.86	56	12076	52.56	ppb		87
12) Iodomethane	3.09	142	251773	55.55	ppb		98
13) Methyl Acetate	3.31	43	81765	55.06	ppb		100
14) tert-Butyl Alcohol (TBA)	3.52	59	17829	59.19	ppb		98
15) trans-1,2-Dichloroethylene	3.64	61	425025	61.51	ppb		98
16) Carbon Disulfide	3.15	76	725483	54.70	ppb		100
17) Methylene Chloride	3.38	49	273303	44.79	ppb		99
18) Acrylonitrile	3.61	53	43931	65.64	ppb	#	95
19) tert-Butyl Methyl Ether (M	3.65	73	669717	65.39	ppb	#	91
20) Acetone	3.01	43	78890	53.90	ppb		100
21) 1,1-Dichloroethane	4.02	63	544046	63.49	ppb		99
22) Vinyl Acetate	4.07	43	281133	54.32	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	397712	60.70	ppb	#	98
24) 2-Butanone	4.57	72	17915	62.51	ppb		95
25) 2,2-Dichloropropane	4.55	77	583947	57.43	ppb		100
26) Bromochloromethane	4.77	49	207878	60.81	ppb		95
27) Chloroform	4.84	83	665971	55.49	ppb		99
28) Tetrahydrofuran	4.83	71	14440	53.47	ppb	#	66
29) 1,1-Dichloropropylene	5.16	75	518654	55.07	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 9:03 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.02	97	719852	57.52	ppb	#	98
31) Cyclohexane	5.07	56	551189m	43.95	ppb		
33) Carbon Tetrachloride	5.17	117	614799	56.91	ppb		100
34) 1,2-Dichloroethane	5.38	62	458810	57.61	ppb		100
35) Benzene	5.36	78	1134209	56.83	ppb		100
37) Trichloroethylene	5.96	95	407082	51.30	ppb		100
38) Methyl Cyclohexane	6.15	83	566730	50.10	ppb	#	100
39) Dibromomethane	6.28	93	176555	60.36	ppb		99
40) Methyl Methacrylate	6.28	69	135962	52.42	ppb		99
41) Bromodichloromethane	6.43	83	487760	50.64	ppb		100
42) 1,2-Dichloropropane	6.18	63	253276	50.37	ppb	#	70
43) 1,4-Dioxane	6.31	88	43145	1006.06	ppb		97
44) 2-Chloroethylvinyl ether	6.72	63	93876	46.44	ppb		100
45) cis-1,3-Dichloropropene	6.87	75	483164	50.25	ppb		99
46) 2-Hexanone	7.86	43	134737	35.41	ppb		98
48) Toluene	7.21	91	1371952	51.98	ppb		100
49) trans-1,3-Dichloropropene	7.42	75	446120	51.31	ppb	#	93
50) 1,1,2-Trichloroethane	7.61	83	183298	51.16	ppb		99
51) 1,3-Dichloropropane	7.78	76	397403	50.67	ppb	#	100
52) Tetrachloroethylene	7.76	166	487630	54.59	ppb		99
53) 4-Methyl-2-Pentanone	7.02	43	219522	41.61	ppb		99
54) Dibromochloromethane	8.01	129	352737	53.29	ppb		99
55) 1,2-Dibromoethane	8.14	107	256753	50.77	ppb		99
56) Chlorobenzene	8.65	112	938309	51.60	ppb		99
57) Ethyl Benzene	8.76	91	1693105	51.26	ppb		100
58) p- & m-Xylenes	8.89	91	2578035	102.43	ppb		99
59) o-Xylene	9.32	91	1335930	51.69	ppb		100
60) Styrene	9.33	104	998900	52.51	ppb		99
61) 1,1,1,2-Tetrachloroethane	8.74	131	371183	52.65	ppb		98
63) Bromoform	9.53	173	201154	53.35	ppb	#	100
65) p-Ethyltoulene	10.30	105	1682143	49.95	ppb		97
66) p-Diethylbenzene	11.58	119	876617	49.47	ppb		98
67) 1,1,2,2-Tetrachloroethane	10.04	83	247790	49.32	ppb		100
68) 1,2,3-Trichloropropane	10.09	110	96153	51.12	ppb		94
69) Isopropylbenzene	9.72	105	1784818	49.61	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.51	75	55228	52.75	ppb		99
71) Bromobenzene	10.05	77	625968	48.19	ppb		97
72) trans-1,4-Dichloro-2-buten	10.09	75	309852m	49.58	ppb		
73) n-Propylbenzene	10.17	91	1982754	48.75	ppb		100
74) 2-Chlorotoluene	10.27	91	1337574	48.83	ppb		100
75) 4-Chlorotoluene	10.39	91	1307947	48.34	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 9:03 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

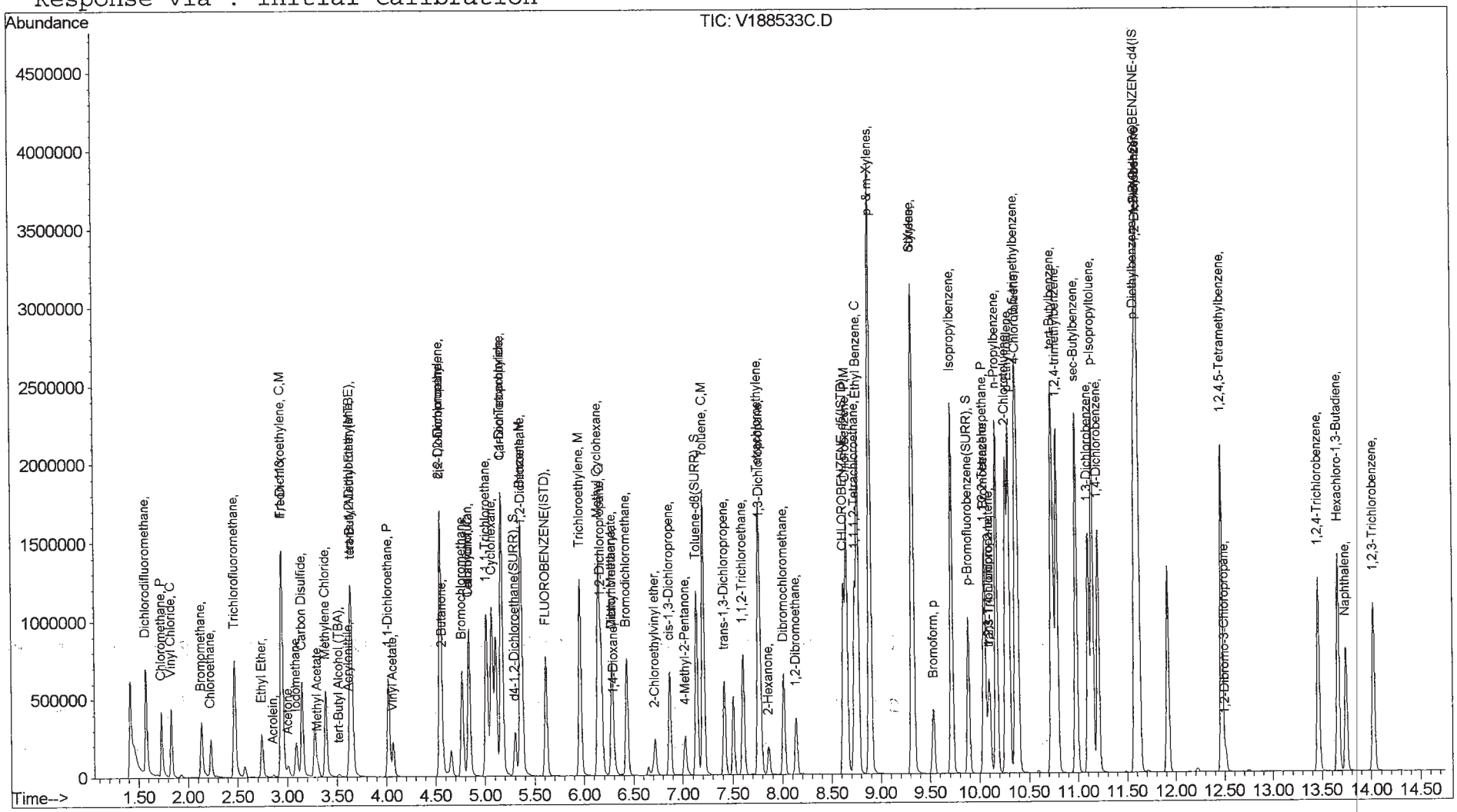
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) tert-Butylbenzene	10.74	119	1611817	50.39	ppb	#	100
77) 1,3,5-trimethylbenzene	10.37	105	1416966	49.50	ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1417049	49.03	ppb		100
79) sec-Butylbenzene	10.98	105	1876574	49.99	ppb		100
80) 1,3-Dichlorobenzene	11.10	146	723150	50.32	ppb	#	100
81) 1,4-Dichlorobenzene	11.20	146	690019	48.60	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	627637	50.06	ppb	#	84
83) p-Isopropyltoluene	11.14	119	1568357	49.84	ppb	#	100
84) n-Butylbenzene	11.61	91	1722791	48.66	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.47	119	1328362	49.85	ppb		100
86) 1,2,4-Trichlorobenzene	13.46	180	445045	48.57	ppb		98
87) Naphthalene	13.75	128	737422	51.25	ppb	#	97
88) Hexachloro-1,3-Butadiene	13.66	225	309829	49.89	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.02	182	377937	50.02	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 9:03 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		FLUOROBENZENE(ISTD)	1.000	1.000	0.0	82	0.00
2		Dichlorodifluoromethane	4.190	3.483	16.9	69	-0.01
3	P	Chloromethane	2.774	1.846	33.5#	58	-0.01
4	C	Vinyl Chloride	2.330	2.009	13.8	71	-0.01
5		Bromomethane	1.608	1.439	10.5	96	0.00
6		Chloroethane	1.212	1.094	9.7	75	0.00
7		Trichlorofluoromethane	4.585	4.167	9.1	76	-0.01
8		Ethyl Ether	1.077	0.941	12.6	69	0.00
9		Freon-113	2.524	2.296	9.0	75	-0.01
10	C,M	1,1-Dichloroethylene	3.263	2.907	10.9	73	-0.01
11		Acrolein	0.088	0.090	-2.3	78	0.00
12		Iodomethane	1.732	1.837	-6.1	88	-0.01
13		Methyl Acetate	0.567	0.494	12.9	80	0.00
14		tert-Butyl Alcohol (TBA)	0.115	0.102	11.3	71	0.00
15		trans-1,2-Dichloroethylene	2.640	2.823	-6.9	86	0.00
16		Carbon Disulfide	5.066	4.694	7.3	73	0.00
17		Methylene Chloride	2.331	1.854	20.5	73	-0.01
18		Acrylonitrile	0.256	0.268	-4.7	81	0.00
19		tert-Butyl Methyl Ether (MT	3.913	4.331	-10.7	89	0.00
20		Acetone	0.559	0.645	-15.4	96	0.00
21	P	1,1-Dichloroethane	3.273	3.573	-9.2	93	0.00
22		Vinyl Acetate	1.977	1.938	2.0	105	0.00
23		cis-1,2-Dichloroethylene	2.503	2.485	0.7	83	0.00
24		2-Butanone	0.109	0.128	-17.4	90	0.00
25		2,2-Dichloropropane	3.885	4.187	-7.8	88	0.00
26		Bromochloromethane	1.306	1.317	-0.8	76	0.00
27	C	Chloroform	4.585	4.464	2.6	78	0.00
28		Tetrahydrofuran	0.103	0.101	1.9	75	0.00
29		1,1-Dichloropropylene	3.598	3.443	4.3	78	0.00
30		1,1,1-Trichloroethane	4.781	4.860	-1.7	83	0.00
31		Cyclohexane	4.791	3.444	28.1#	79	0.00
32	S	d4-1,2-Dichloroethane(SURR)	1.454	1.693	-16.4	93	0.00
33		Carbon Tetrachloride	4.127	4.269	-3.4	83	0.00
34		1,2-Dichloroethane	3.042	2.988	1.8	79	0.00
35	M	Benzene	7.624	7.036	7.7	74	0.00
36		CHLOROBENZENE-d5(ISTD)	1.000	1.000	0.0	92	0.00
37	M	Trichloroethylene	0.538	0.459	14.7	81	0.00
38		Methyl Cyclohexane	0.767	0.624	18.6	77	0.00
39		Dibromomethane	0.198	0.196	1.0	88	0.00
40		Methyl Methacrylate	0.176	0.148	15.9	77	0.00

(#) = Out of Range

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		Bromodichloromethane	0.653	0.548	16.1	78	0.00
42	C	1,2-Dichloropropane	0.341	0.275	19.4	71	0.00
43		1,4-Dioxane	0.003	0.002#	33.3#	64	-0.01
44		2-Chloroethylvinyl ether	0.137	0.097	29.2#	63	0.00
45		cis-1,3-Dichloropropene	0.652	0.551	15.5	78	0.00
46		2-Hexanone	0.258	0.171	33.7#	83	0.00
47	S	Toluene-d8(SURR)	1.072	1.008	6.0	87	0.00
48	C,M	Toluene	1.789	1.506	15.8	77	0.00
49		trans-1,3-Dichloropropene	0.589	0.513	12.9	79	0.00
50		1,1,2-Trichloroethane	0.243	0.194	20.2	73	0.00
51		1,3-Dichloropropane	0.532	0.429	19.4	73	0.00
52		Tetrachloroethylene	0.605	0.522	13.7	80	0.00
53		4-Methyl-2-Pentanone	0.358	0.238	33.5#	67	0.00
54		Dibromochloromethane	0.449	0.403	10.2	80	0.00
55		1,2-Dibromoethane	0.343	0.286	16.6	77	0.00
56	P,M	Chlorobenzene	1.233	1.075	12.8	81	0.00
57	C	Ethyl Benzene	2.239	1.885	15.8	77	0.00
58		p- & m-Xylenes	1.706	1.464	14.2	78	0.00
59		o-Xylene	1.752	1.472	16.0	77	0.00
60		Styrene	1.289	1.107	14.1	78	0.00
61		1,1,1,2-Tetrachloroethane	0.478	0.420	12.1	81	0.00
62		1,2-DICHLOROBENZENE-d4(ISTD	1.000	1.000	0.0	95	0.00
63	p	Bromoform	0.616	0.536	13.0	81	0.00
64	S	p-Bromofluorobenzene(SURR)	1.011	1.029	-1.8	96	0.00
65		p-Ethyltoulene	5.499	4.547	17.3	81	0.00
66		p-Diethylbenzene	2.893	2.423	16.2	81	0.00
67	P	1,1,2,2-Tetrachloroethane	0.820	0.613	25.2#	71	0.00
68		1,2,3-Trichloropropane	0.307	0.245	20.2	74	0.00
69		Isopropylbenzene	5.875	4.907	16.5	79	0.00
70		1,2-Dibromo-3-Chloropropane	0.171	0.134	21.6	73	0.00
71		Bromobenzene	2.121	1.628	23.2	73	0.00
72		trans-1,4-Dichloro-2-butene	1.020	0.807	20.9	76	0.00
73		n-Propylbenzene	6.641	5.366	19.2	77	0.00
74		2-Chlorotoluene	4.473	3.631	18.8	78	0.00
75		4-Chlorotoluene	4.418	3.514	20.5	76	0.00
76		tert-Butylbenzene	5.223	4.375	16.2	79	0.00
77		1,3,5-trimethylbenzene	4.674	3.865	17.3	79	0.00
78		1,2,4-trimethylbenzene	4.720	3.848	18.5	78	0.00
79		sec-Butylbenzene	6.130	5.043	17.7	78	0.00
80		1,3-Dichlorobenzene	2.347	1.970	16.1	80	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D
Acq On : 29 Apr 2013 10:03 am
Sample : 50 ppb VOA CAL CHECK STD
Misc : QBV1042913A
MS Integration Params: RTEINT1.P

Vial: 3
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	1,4-Dichlorobenzene	2.318	1.898	18.1	79	0.00
82	1,2-Dichlorobenzene	2.047	1.672	18.3	80	0.00
83	p-Isopropyltoluene	5.138	4.306	16.2	80	0.00
84	n-Butylbenzene	5.781	4.683	19.0	77	0.00
85	1,2,4,5-Tetramethylbenzene	4.351	3.574	17.9	80	0.00
86	1,2,4-Trichlorobenzene	1.496	1.290	13.8	84	0.00
87	Naphthalene	2.349	1.892	19.5	78	0.00
88	Hexachloro-1,3-Butadiene	1.014	0.883	12.9	85	0.00
89	1,2,3-Trichlorobenzene	1.234	1.063	13.9	84	0.00

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 10:59 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	138081	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	806186	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	333060	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	233706	58.20	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 116.40%				
47) Toluene-d8(SURR)	7.14	98	812935	47.03	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.06%				
64) p-Bromofluorobenzene(SURR)	9.90	174	342602	50.89	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	480934	41.56	ppb		100
3) Chloromethane	1.72	50	254922	33.28	ppb		99
4) Vinyl Chloride	1.82	62	277473	43.13	ppb		99
5) Bromomethane	2.14	94	198686	44.75	ppb		99
6) Chloroethane	2.23	64	151039	45.14	ppb		99
7) Trichlorofluoromethane	2.47	101	575409	45.44	ppb		100
8) Ethyl Ether	2.74	59	129873	43.67	ppb		97
9) Freon-113	2.94	101	316991	45.47	ppb		98
10) 1,1-Dichloroethylene	2.94	61	401410	44.54	ppb		99
11) Acrolein	2.86	56	12394	51.13	ppb		97
12) Iodomethane	3.09	142	253588	53.03	ppb		97
13) Methyl Acetate	3.30	43	68274	43.57	ppb		99
14) tert-Butyl Alcohol (TBA)	3.52	59	14022	44.12	ppb		97
15) trans-1,2-Dichloroethylene	3.64	61	389836	53.48	ppb		100
16) Carbon Disulfide	3.15	76	648139	46.32	ppb		100
17) Methylene Chloride	3.39	49	255979	39.76	ppb		99
18) Acrylonitrile	3.62	53	36999	52.40	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	598007	55.34	ppb		100
20) Acetone	3.00	43	89041	57.67	ppb		99
21) 1,1-Dichloroethane	4.02	63	493358	54.58	ppb		99
22) Vinyl Acetate	4.07	43	267539	49.00	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	343105	49.64	ppb	#	100
24) 2-Butanone	4.57	72	17651	58.38	ppb		93
25) 2,2-Dichloropropane	4.55	77	578198	53.90	ppb		100
26) Bromochloromethane	4.77	49	181914	50.44	ppb		92
27) Chloroform	4.84	83	616396	48.68	ppb		99
28) Tetrahydrofuran	4.83	71	13928	48.89	ppb	#	60
29) 1,1-Dichloropropylene	5.16	75	475443	47.85	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D
Acq On : 29 Apr 2013 10:03 am
Sample : 50 ppb VOA CAL CHECK STD
Misc : QBV1042913A
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 10:59 19113

Vial: 3
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.02	97	671029	50.83	ppb		100
31) Cyclohexane	5.07	56	475487m	35.94	ppb		
33) Carbon Tetrachloride	5.17	117	589437	51.72	ppb		99
34) 1,2-Dichloroethane	5.38	62	412614	49.11	ppb		100
35) Benzene	5.37	78	971575	46.14	ppb		99
37) Trichloroethylene	5.96	95	369661	42.62	ppb		99
38) Methyl Cyclohexane	6.15	83	503095	40.69	ppb	#	100
39) Dibromomethane	6.29	93	157732	49.34	ppb		97
40) Methyl Methacrylate	6.28	69	119247	42.06	ppb		99
41) Bromodichloromethane	6.44	83	441778	41.97	ppb		100
42) 1,2-Dichloropropane	6.18	63	221449	40.30	ppb		96
43) 1,4-Dioxane	6.31	88	35087	748.57	ppb		98
44) 2-Chloroethylvinyl ether	6.72	63	78145	35.37	ppb		99
45) cis-1,3-Dichloropropene	6.87	75	444266	42.28	ppb		99
46) 2-Hexanone	7.86	43	137870	33.15	ppb		99
48) Toluene	7.21	91	1214201	42.09	ppb		99
49) trans-1,3-Dichloropropene	7.42	75	413460	43.51	ppb		99
50) 1,1,2-Trichloroethane	7.61	83	156207	39.89	ppb		98
51) 1,3-Dichloropropane	7.78	76	346138	40.38	ppb	#	100
52) Tetrachloroethylene	7.77	166	421169	43.14	ppb		99
53) 4-Methyl-2-Pentanone	7.03	43	192046	33.30	ppb		99
54) Dibromochloromethane	8.02	129	324663	44.87	ppb		100
55) 1,2-Dibromoethane	8.14	107	230824	41.76	ppb		98
56) Chlorobenzene	8.66	112	866804	43.61	ppb		98
57) Ethyl Benzene	8.77	91	1519269	42.08	ppb		100
58) p- & m-Xylenes	8.89	91	2360465	85.80	ppb		100
59) o-Xylene	9.32	91	1186797	42.01	ppb		100
60) Styrene	9.34	104	892764	42.94	ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	338916	43.98	ppb		98
63) Bromoform	9.54	173	178585	43.54	ppb	#	100
65) p-Ethyltoulene	10.30	105	1514486	41.35	ppb		97
66) p-Diethylbenzene	11.59	119	807136	41.88	ppb		96
67) 1,1,2,2-Tetrachloroethane	10.04	83	204019	37.33	ppb		99
68) 1,2,3-Trichloropropane	10.10	110	81576	39.87	ppb		98
69) Isopropylbenzene	9.72	105	1634367	41.76	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.51	75	44767	39.31	ppb		98
71) Bromobenzene	10.06	77	542273	38.38	ppb		95
72) trans-1,4-Dichloro-2-buten	10.10	75	268912m	39.56	ppb		
73) n-Propylbenzene	10.18	91	1787349	40.40	ppb		100
74) 2-Chlorotoluene	10.27	91	1209257	40.58	ppb		100
75) 4-Chlorotoluene	10.40	91	1170491	39.77	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D
Acq On : 29 Apr 2013 10:03 am
Sample : 50 ppb VOA CAL CHECK STD
Misc : QBV1042913A
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 10:59 19113

Vial: 3
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00360.RE

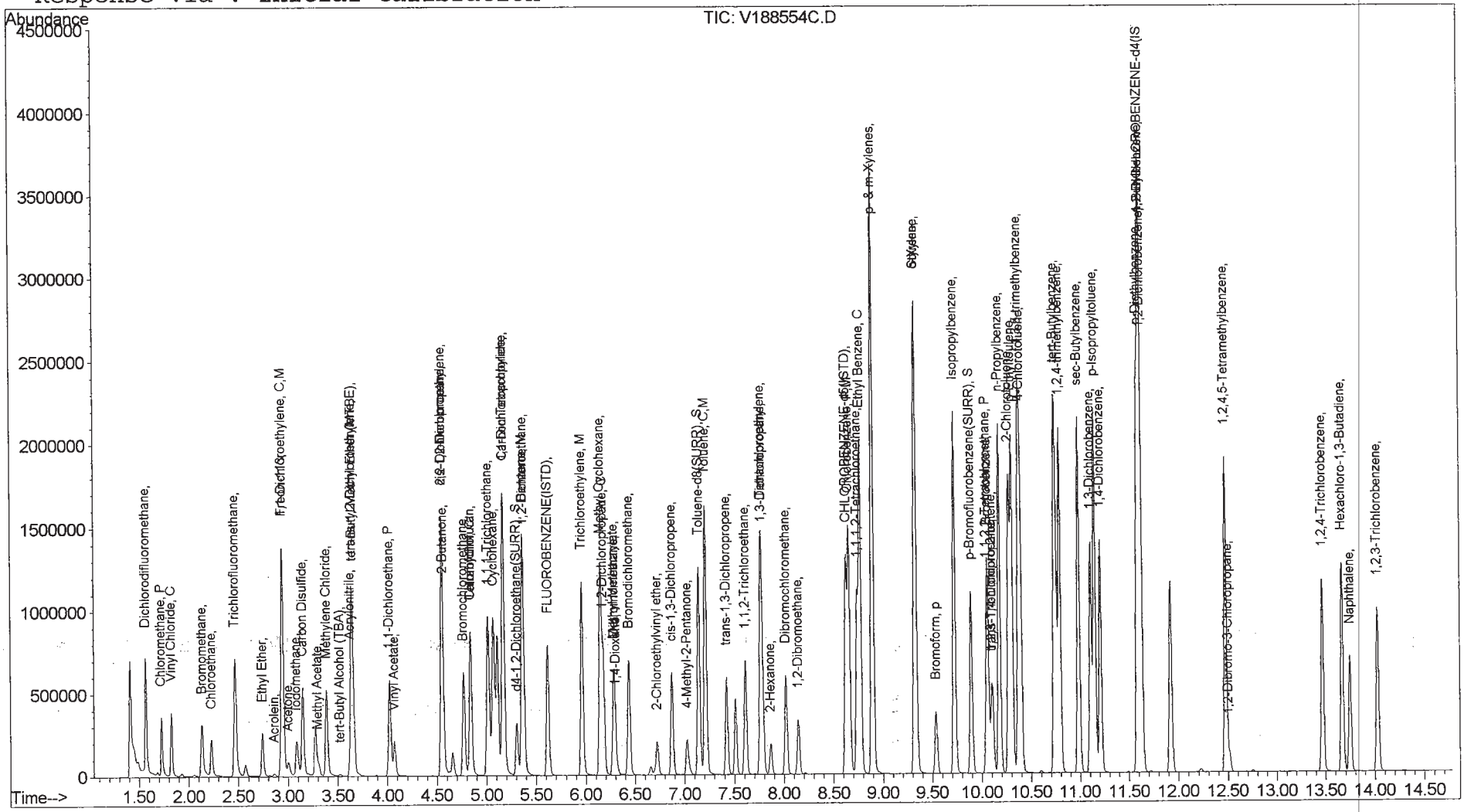
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) tert-Butylbenzene	10.74	119	1457253	41.88	ppb	#	100
77) 1,3,5-trimethylbenzene	10.37	105	1287212	41.34	ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1281455	40.76	ppb		100
79) sec-Butylbenzene	10.99	105	1679634	41.14	ppb		99
80) 1,3-Dichlorobenzene	11.11	146	655985	41.96	ppb	#	100
81) 1,4-Dichlorobenzene	11.21	146	632024	40.93	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	556746	40.83	ppb	#	85
83) p-Isopropyltoluene	11.15	119	1434313	41.91	ppb	#	100
84) n-Butylbenzene	11.62	91	1559578	40.50	ppb	#	87
85) 1,2,4,5-Tetramethylbenzene	12.48	119	1190477	41.07	ppb		99
86) 1,2,4-Trichlorobenzene	13.47	180	429606	43.10	ppb		99
87) Naphthalene	13.75	128	630217	40.27	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	294001	43.53	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.03	182	353935	43.07	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 10:59 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



FORM I

METHOD BLANK DATA SHEET
EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	BD31300-BLK1	File ID:	V188536B.D
Prepared:	04/26/13 14:53	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/26/13 22:50	Instrument:	VOA No.1		
Batch:	BD31300	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethylene	5.0	U
563-58-6	1,1-Dichloropropylene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	10	U
96-18-4	1,2,3-Trichloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
106-93-4	1,2-Dibromoethane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
78-93-3	2-Butanone	10	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
67-64-1	Acetone	10	U
71-43-2	Benzene	5.0	U
108-86-1	Bromobenzene	5.0	U
74-97-5	Bromochloromethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31300-BLK1	File ID:	V188536B.D
Prepared:	04/26/13 14:53	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/26/13 22:50	Instrument:	VOA No.1		
Batch:	BD31300	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
156-59-2	cis-1,2-Dichloroethylene	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	5.0	U
124-48-1	Dibromochloromethane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
100-41-4	Ethyl Benzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5.0	U
75-09-2	Methylene chloride	10	U
91-20-3	Naphthalene	10	U
104-51-8	n-Butylbenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	p- & m- Xylenes	10	U
99-87-6	p-Isopropyltoluene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
100-42-5	Styrene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
127-18-4	Tetrachloroethylene	5.0	U
108-88-3	Toluene	5.0	U
156-60-5	trans-1,2-Dichloroethylene	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	5.0	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31300-BLK1	File ID:	V188536B.D
Prepared:	04/26/13 14:53	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/26/13 22:50	Instrument:	VOA No.1		
Batch:	BD31300	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
79-01-6	Trichloroethylene	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
1330-20-7	Xylenes, Total	15	U
108-05-4	Vinyl acetate	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	50.9	102	72.6 - 129	
p-Bromofluorobenzene	50.0	50.7	101	63.5 - 145	
Toluene-d8	50.0	48.6	97.3	81.2 - 127	

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188536B.D Vial: 23
Acq On : 26 Apr 2013 10:50 pm Operator: SS
Sample : BD31300-BLK1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:01 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	120990	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	673782	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	268283	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	179211	50.93	ppb	-0.01
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.86%			
47) Toluene-d8(SURR)	7.13	98	702526	48.63	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.26%			
64) p-Bromofluorobenzene(SURR)	9.88	174	274899	50.70	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.40%			

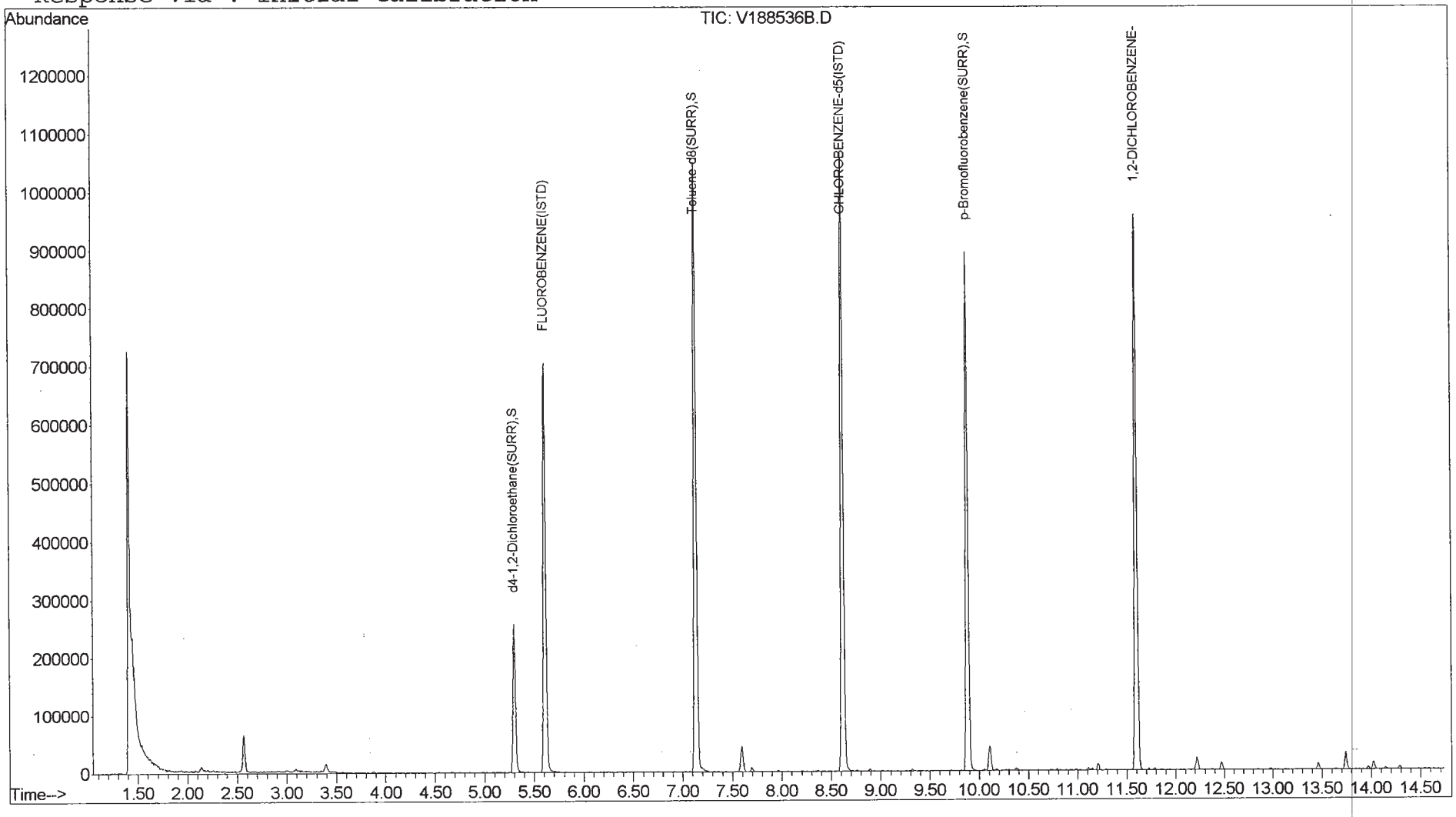
Target Compounds Qvalue

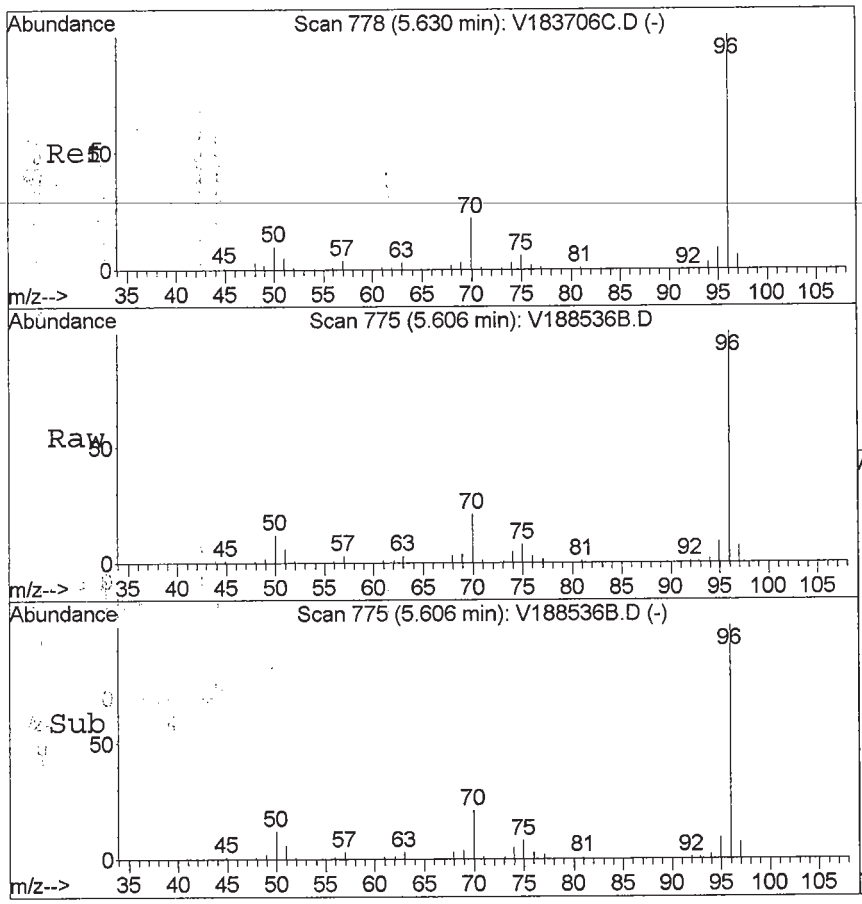
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188536B.D Vial: 23
Acq On : 26 Apr 2013 10:50 pm Operator: SS
Sample : BD31300-BLK1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:01 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

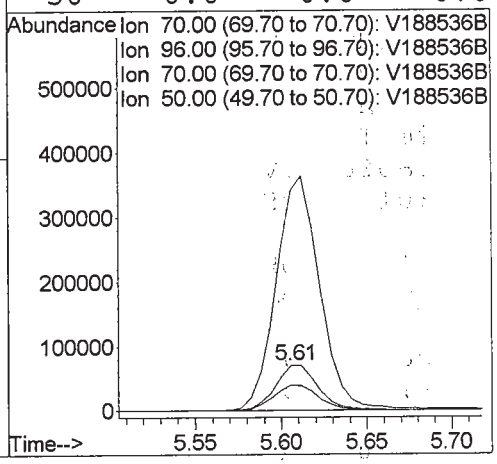


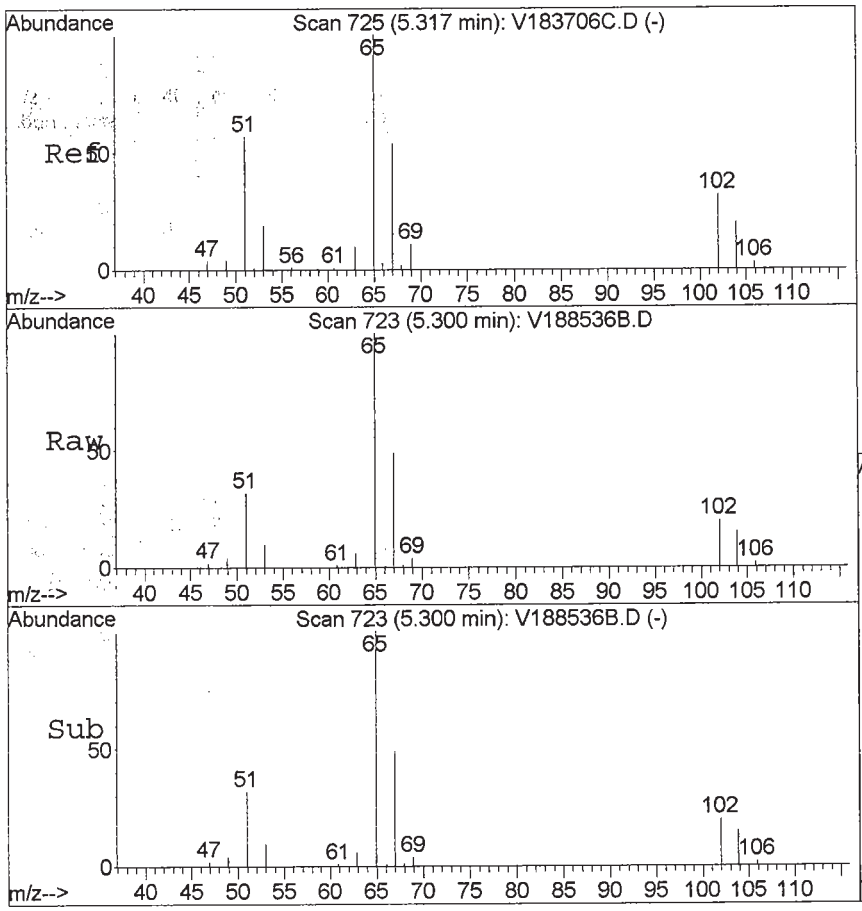


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion: 70 Resp: 120990

Ion	Ratio	Lower	Upper
70	100		
96	529.4	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

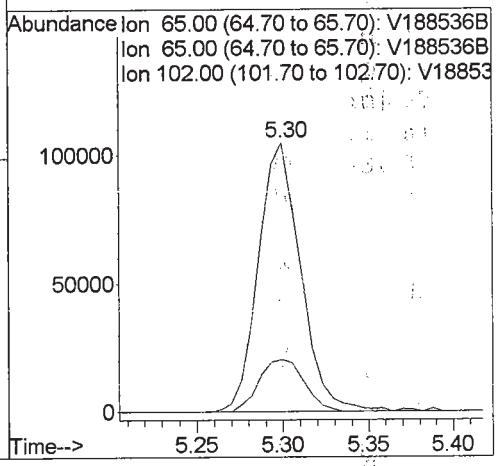


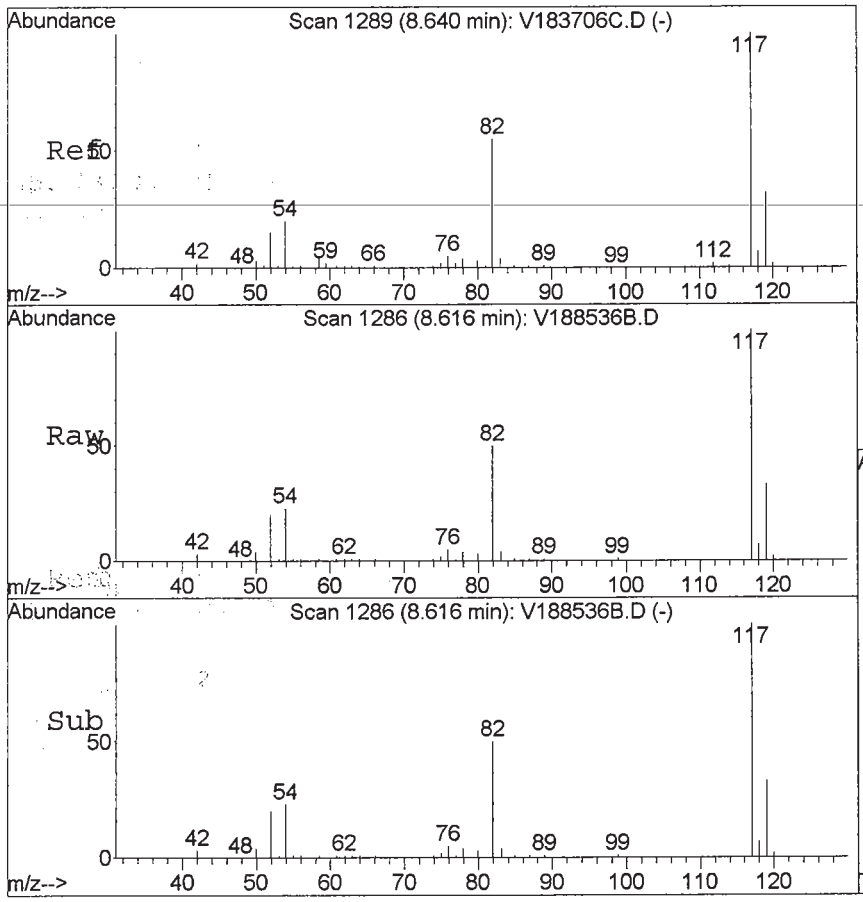


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion: 65 Resp: 179211

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.9	15.8	23.8

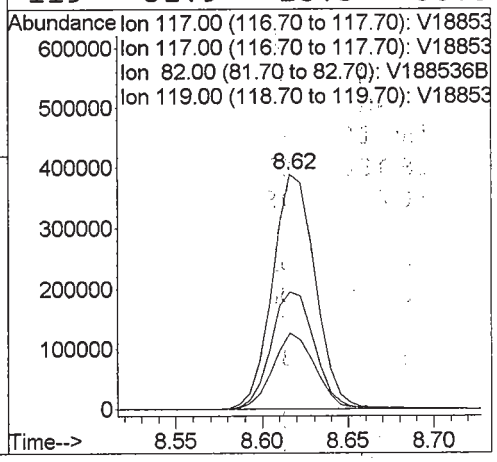


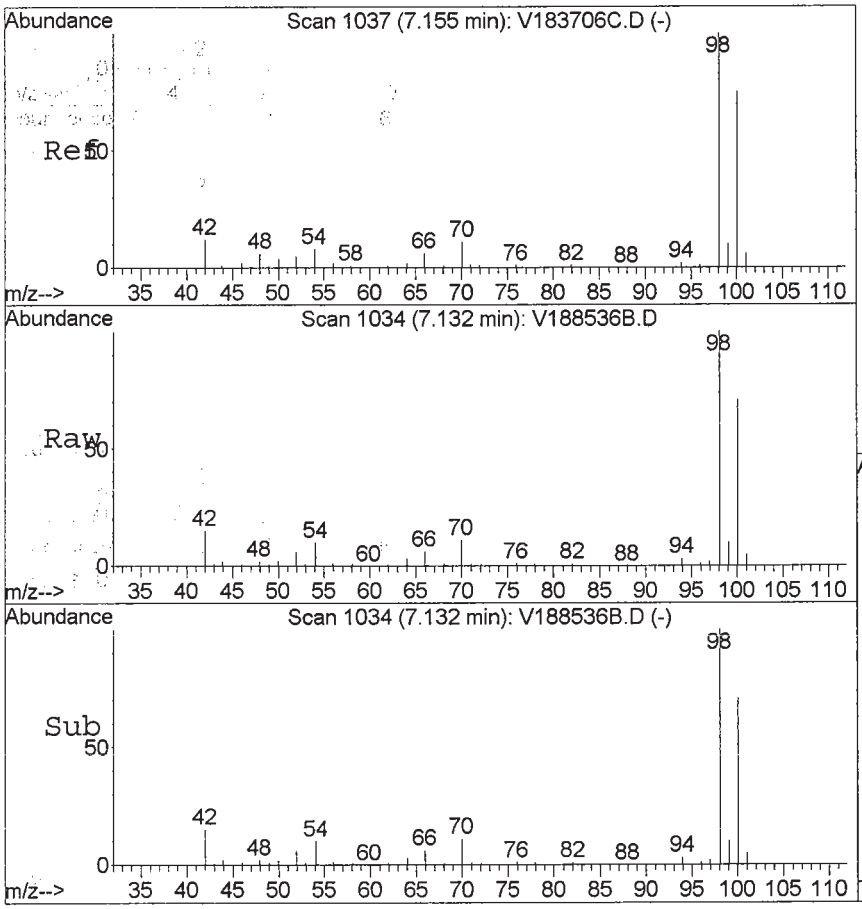


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion:117 Resp: 673782

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.9	25.5	38.3

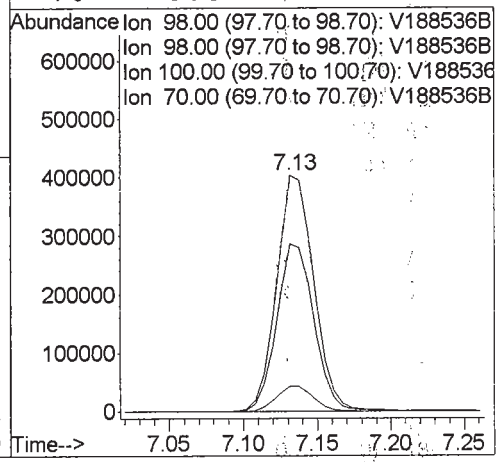


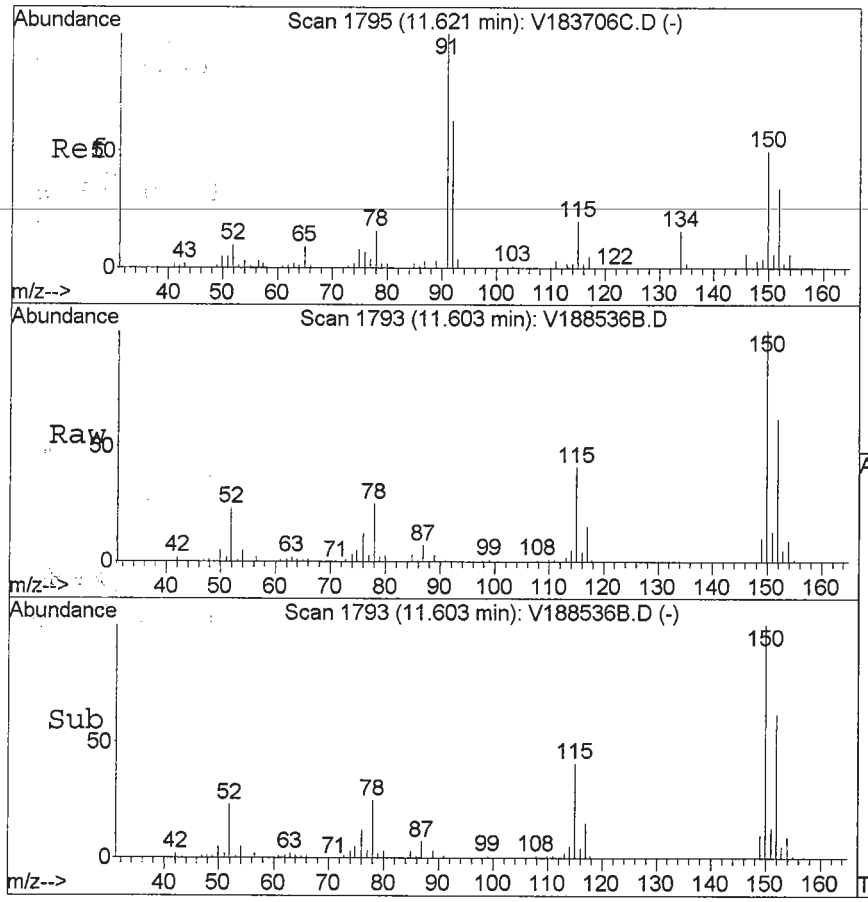


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion: 98 Resp: 702526

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.0	35.3	105.7
70	0.0	0.0	0.0

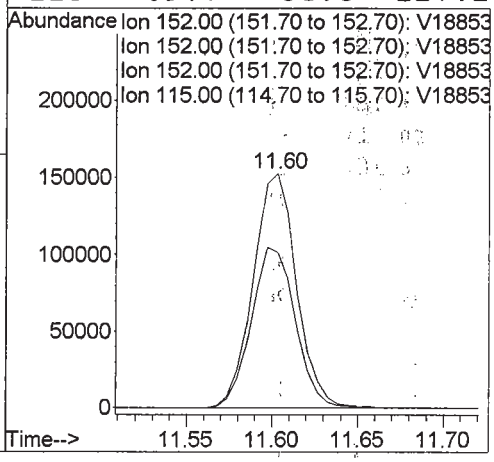


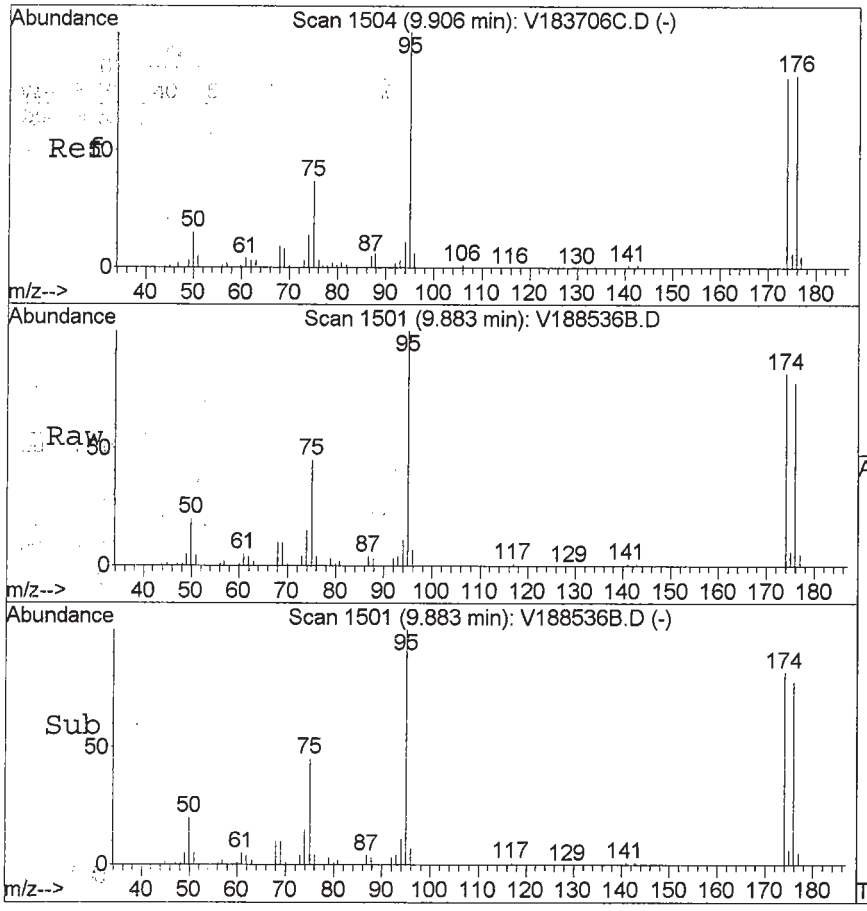


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion:152 Resp: 268283

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	69.7	84.8	127.2#

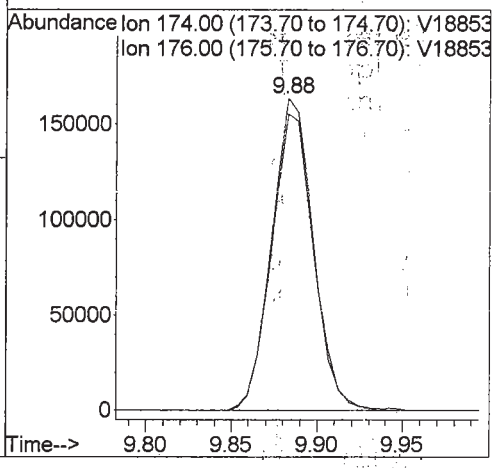




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion:174 Resp: 274899

Ion	Ratio	Lower	Upper
174	100		
176	96.5	77.4	116.0



FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31338-BLK1	File ID:	V188557B.D
Prepared:	04/29/13 08:30	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/29/13 12:00	Instrument:	VOA No.1		
Batch:	BD31338	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethylene	5.0	U
563-58-6	1,1-Dichloropropylene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	10	U
96-18-4	1,2,3-Trichloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
106-93-4	1,2-Dibromoethane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
78-93-3	2-Butanone	10	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
67-64-1	Acetone	10	U
71-43-2	Benzene	5.0	U
108-86-1	Bromobenzene	5.0	U
74-97-5	Bromochloromethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31338-BLK1	File ID:	V188557B.D
Prepared:	04/29/13 08:30	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/29/13 12:00	Instrument:	VOA No.1		
Batch:	BD31338	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
156-59-2	cis-1,2-Dichloroethylene	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	5.0	U
124-48-1	Dibromochloromethane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
100-41-4	Ethyl Benzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5.0	U
75-09-2	Methylene chloride	4.3	J
91-20-3	Naphthalene	10	U
104-51-8	n-Butylbenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	p- & m- Xylenes	10	U
99-87-6	p-Isopropyltoluene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
100-42-5	Styrene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
127-18-4	Tetrachloroethylene	5.0	U
108-88-3	Toluene	5.0	U
156-60-5	trans-1,2-Dichloroethylene	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	5.0	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31338-BLK1	File ID:	V188557B.D
Prepared:	04/29/13 08:30	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/29/13 12:00	Instrument:	VOA No.1		
Batch:	BD31338	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
79-01-6	Trichloroethylene	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
1330-20-7	Xylenes, Total	15	U
108-05-4	Vinyl acetate	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.1	112	72.6 - 129	
p-Bromofluorobenzene	50.0	49.6	99.1	63.5 - 145	
Toluene-d8	50.0	47.2	94.4	81.2 - 127	

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188557B.D Vial: 6
Acq On : 29 Apr 2013 12:00 pm Operator: SS
Sample : BD31338-BLK1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

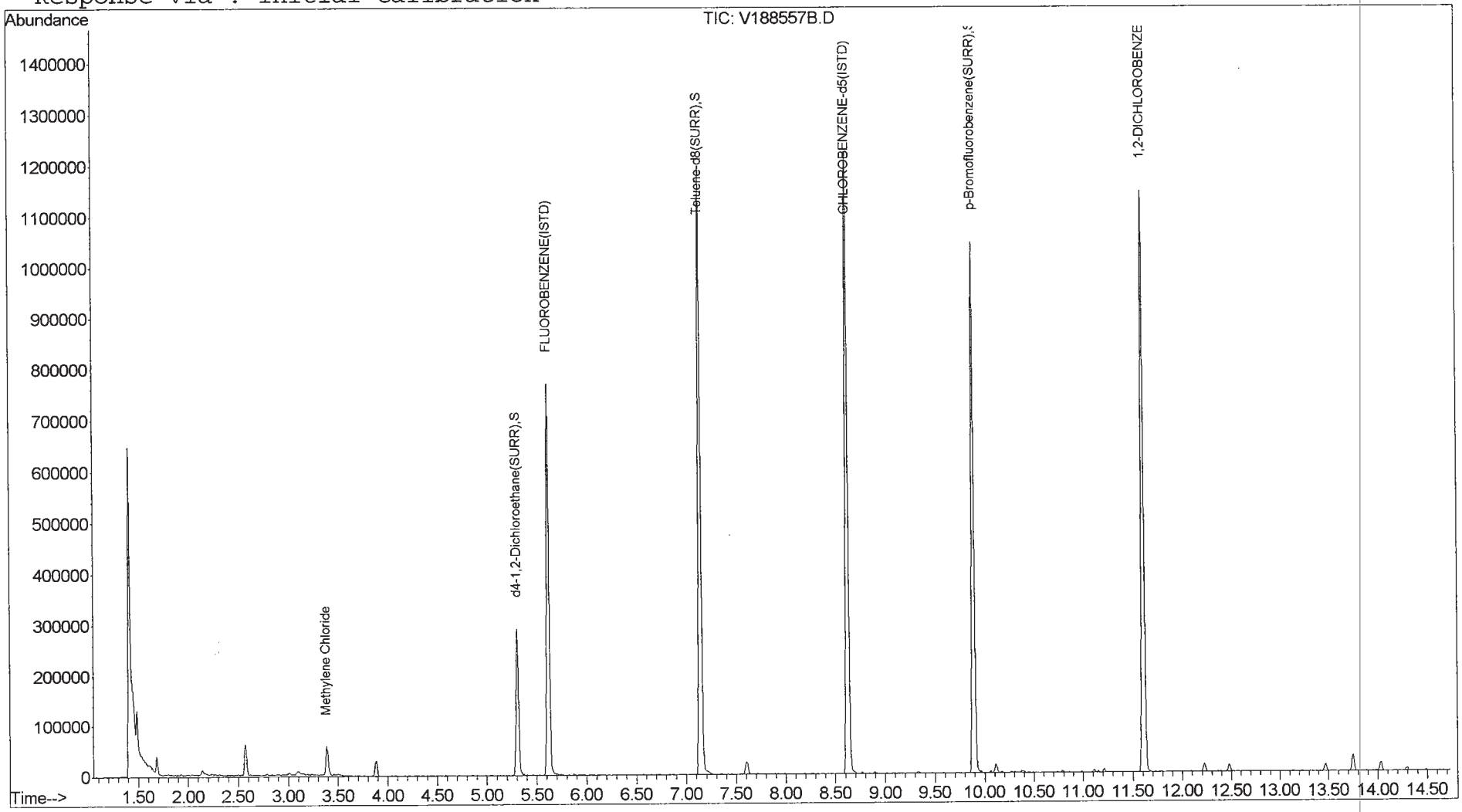
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

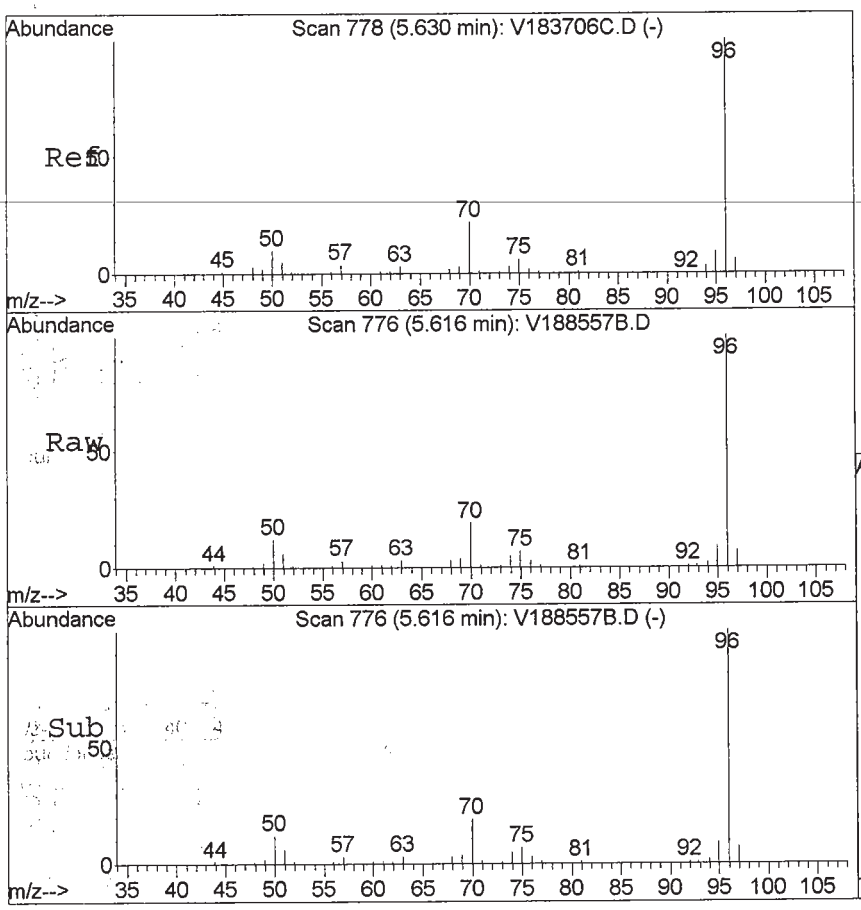
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	129050	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	761774	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	328655	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	210665	56.13	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 112.26%			
47) Toluene-d8(SURR)	7.14	98	771256	47.22	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.44%			
64) p-Bromofluorobenzene(SURR)	9.89	174	329230	49.56	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.12%			
Target Compounds						Qvalue
17) Methylene Chloride	3.38	49	26082	4.33	ppb	97

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188557B.D Vial: 6
Acq On : 29 Apr 2013 12:00 pm Operator: SS
Sample : BD31338-BLK1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

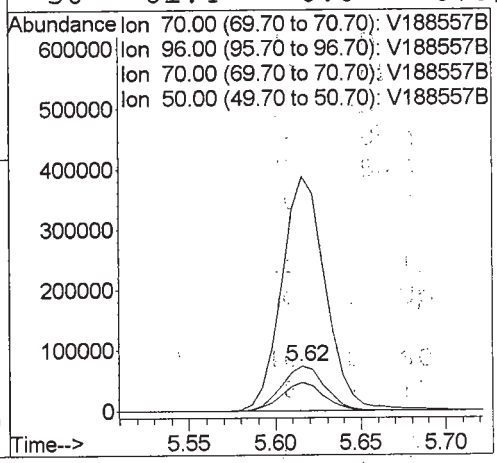


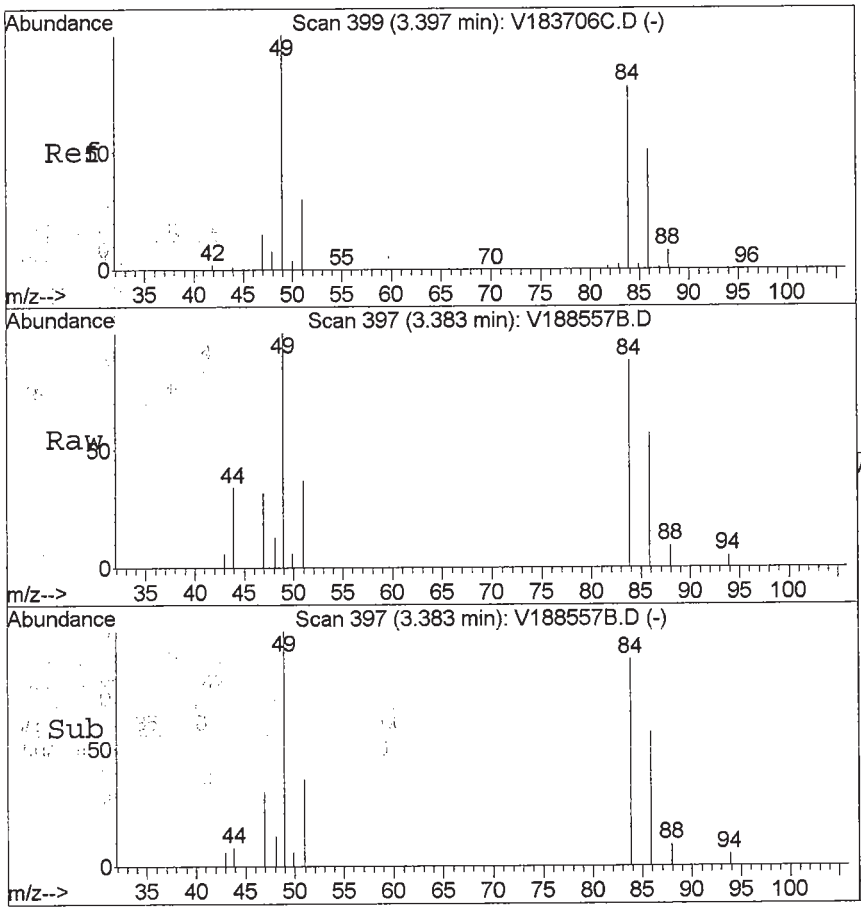


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion: 70 Resp: 129050

Ion	Ratio	Lower	Upper
70	100		
96	0.0	400.1	600.1#
70	100.0	80.0	120.0
50	61.4	0.0	0.0#

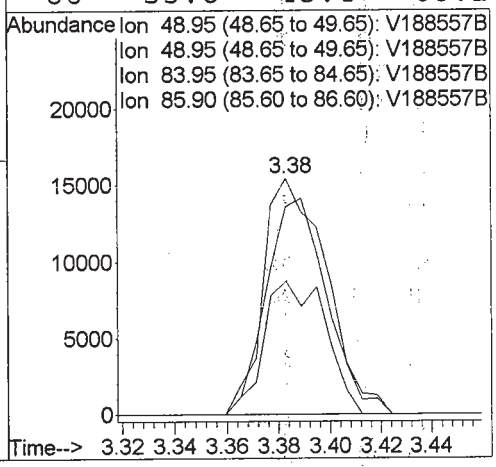


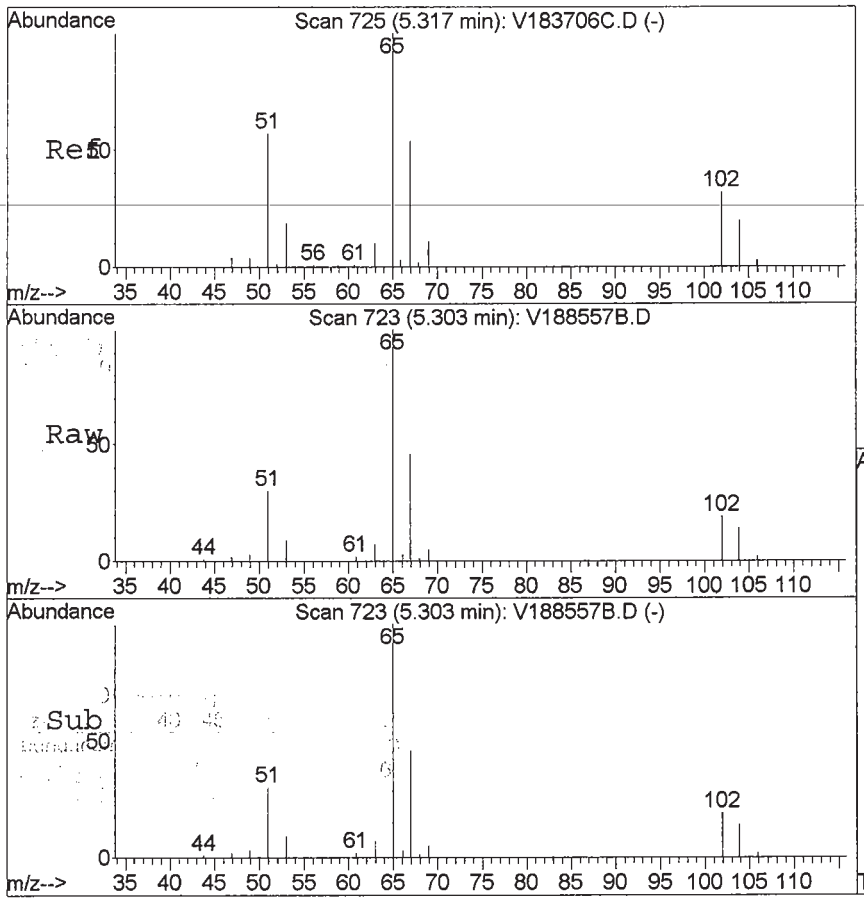


#17
Methylene Chloride
Concen: 4.33 ppb
RT: 3.38 min Scan# 397
Delta R.T. -0.01 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion: 49 Resp: 26082

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	89.6	66.3	99.5
86	55.8	45.4	68.2

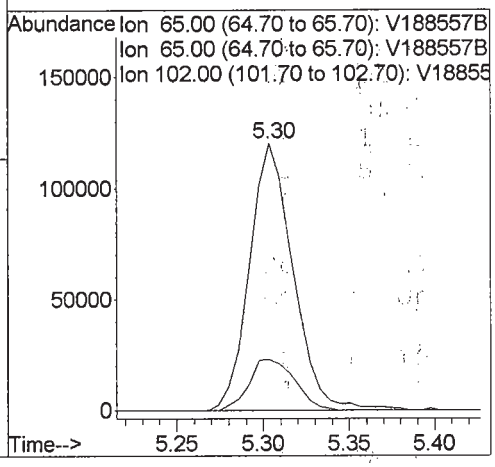


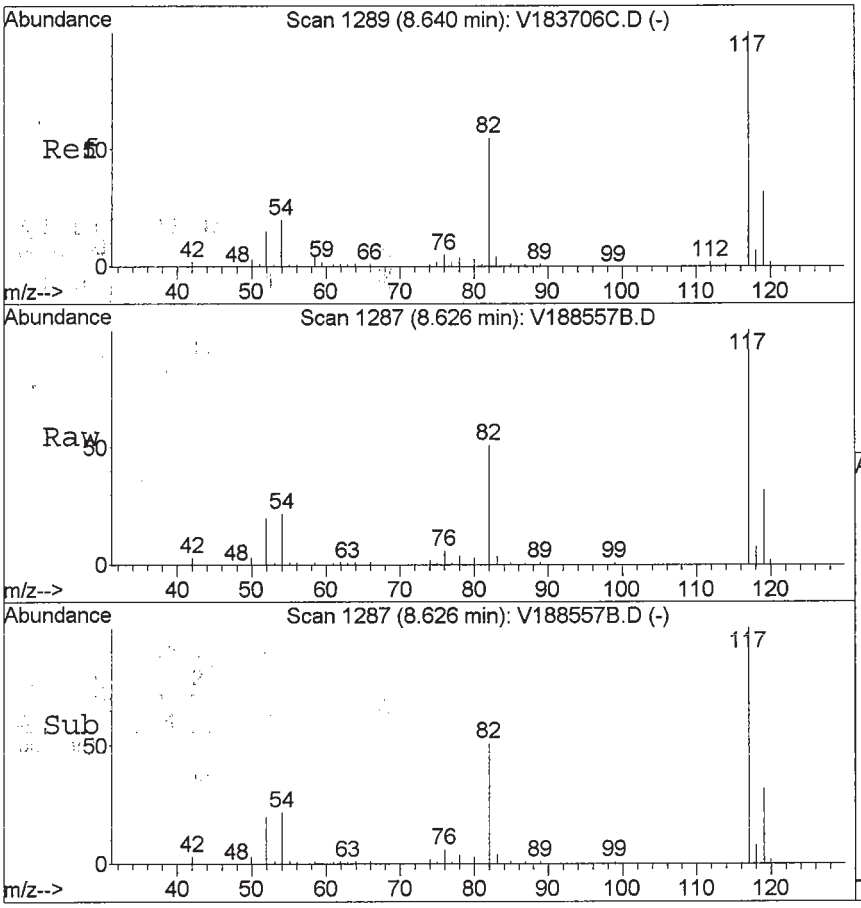


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion: 65 Resp: 210665

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.1	15.8	23.8

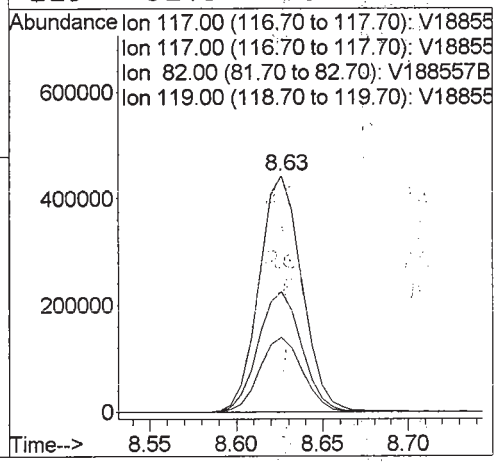


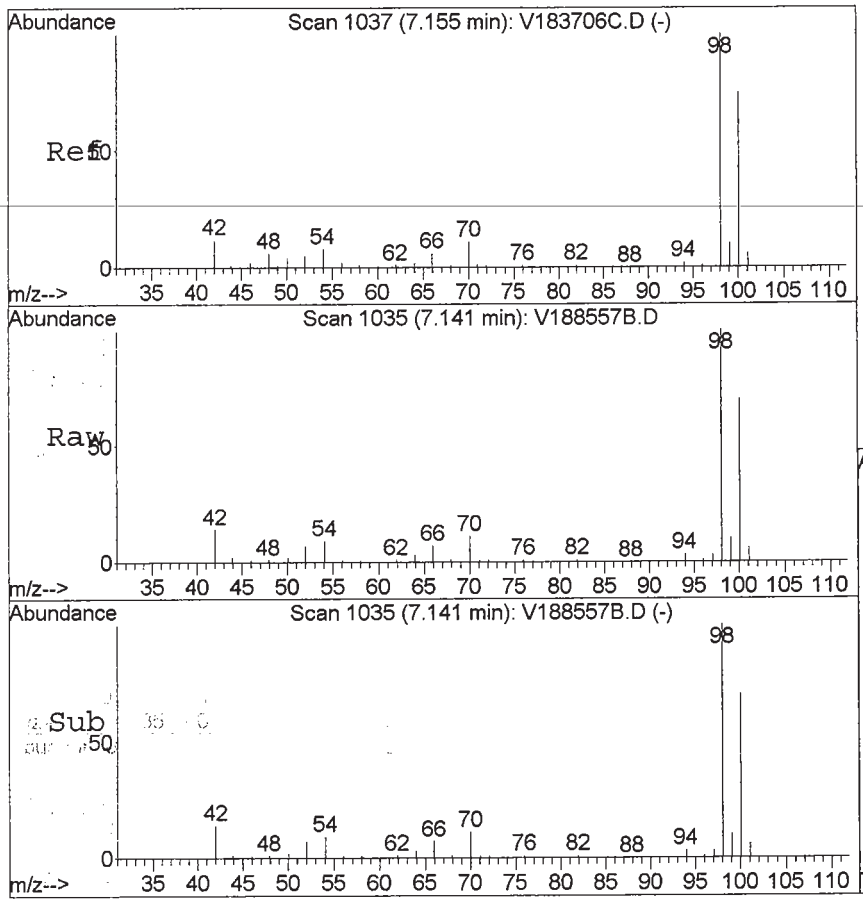


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion:117 Resp: 761774

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.9	25.5	38.3

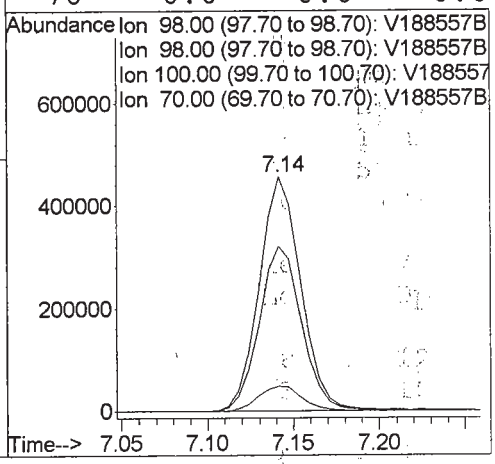


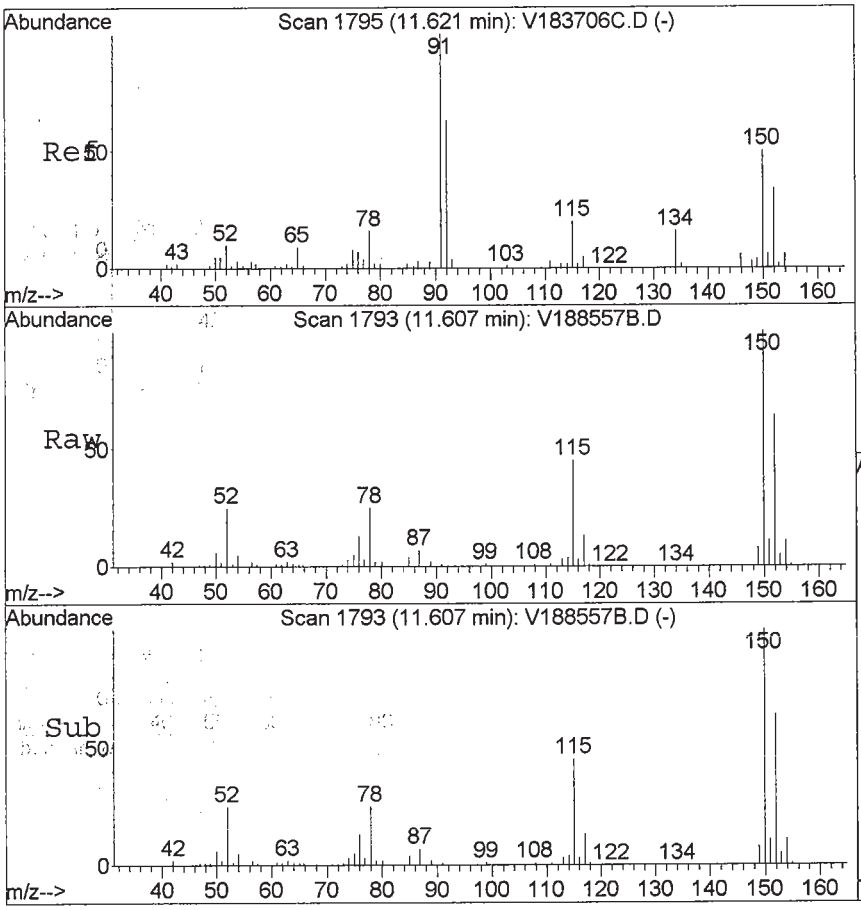


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion: 98 Resp: 771256

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.7	35.3	105.7
70	0.0	0.0	0.0

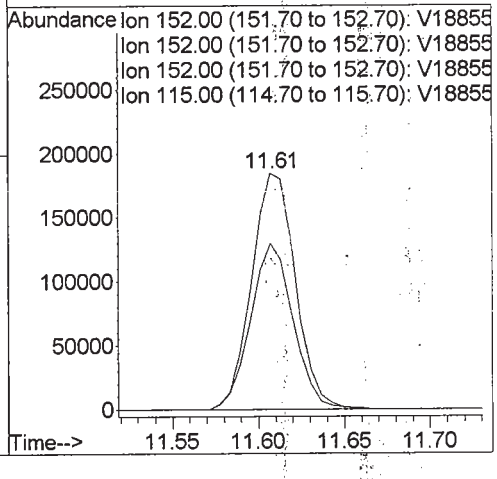


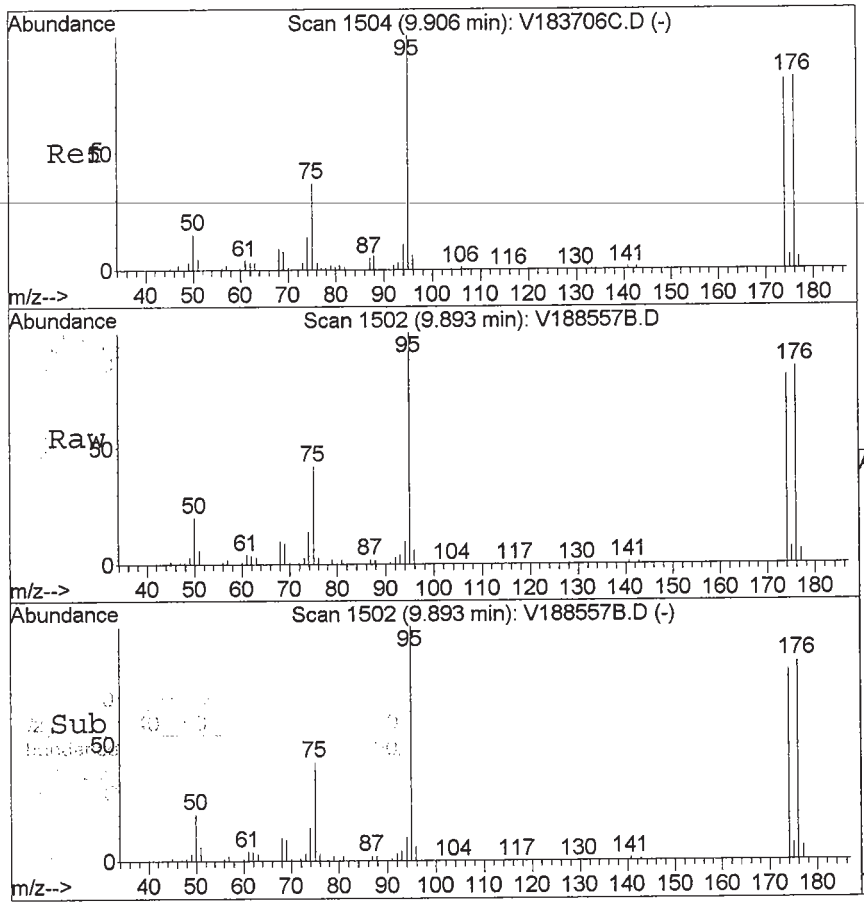


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion:152 Resp: 328655

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

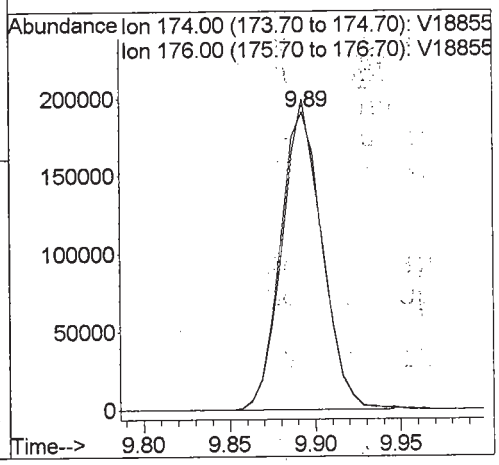




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion:174 Resp: 329230

Ion	Ratio	Lower	Upper
174	100		
176	97.4	77.4	116.0



FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	46	91.4	82.3 - 130
1,1,1-Trichloroethane	50.0	52	104	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	43	86.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	50	100	71.1 - 129
1,1,2-Trichloroethane	50.0	44	87.4	74.5 - 129
1,1-Dichloroethane	50.0	59	118	79.6 - 132
1,1-Dichloroethylene	50.0	48	95.2	80.2 - 146
1,1-Dichloropropylene	50.0	49	98.6	75 - 136
1,2,3-Trichlorobenzene	50.0	43	86.1	66.1 - 136
1,2,3-Trichloropropane	50.0	46	91.6	63 - 131
1,2,4-Trichlorobenzene	50.0	42	84.4	70.6 - 136
1,2,4-Trimethylbenzene	50.0	43	85.5	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	50	101	58.9 - 140
1,2-Dibromoethane	50.0	46	91.3	79 - 130
1,2-Dichlorobenzene	50.0	42	85.0	76.1 - 122
1,2-Dichloroethane	50.0	52	104	74.6 - 132
1,2-Dichloropropane	50.0	46	92.2	76.9 - 129
1,3,5-Trimethylbenzene	50.0	43	86.8	70.6 - 127
1,3-Dichlorobenzene	50.0	44	87.4	77 - 124
1,3-Dichloropropane	50.0	44	88.9	75.8 - 126
1,4-Dichlorobenzene	50.0	43	85.9	76.6 - 125
2,2-Dichloropropane	50.0	52	104	69 - 133
2-Butanone	50.0	53	106	70 - 130
2-Chlorotoluene	50.0	43	86.4	66.3 - 119
4-Chlorotoluene	50.0	44	87.2	69.2 - 127
Acetone	50.0	41	82.2	70 - 130
Benzene	50.0	52	104	76.2 - 129
Bromobenzene	50.0	43	86.6	71.3 - 123
Bromochloromethane	50.0	56	113	70.8 - 137
Bromodichloromethane	50.0	46	92.4	79.7 - 134

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	47	93.8	70.5 - 141
Bromomethane	50.0	46	91.9	43.9 - 147
Carbon tetrachloride	50.0	52	104	78.1 - 138
Chlorobenzene	50.0	46	91.8	80.4 - 125
Chloroethane	50.0	51	102	55.8 - 140
Chloroform	50.0	50	100	76.6 - 133
Chloromethane	50.0	40	79.2	48.8 - 115
cis-1,2-Dichloroethylene	50.0	54	108	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	94.5	74.5 - 128
Dibromochloromethane	50.0	49	97.3	79.8 - 134
Dibromomethane	50.0	56	112	79 - 130
Dichlorodifluoromethane	50.0	52	104 *	47.1 - 101
Ethyl Benzene	50.0	46	93.0	80.8 - 128
Hexachlorobutadiene	50.0	44	87.5	64.8 - 128
Isopropylbenzene	50.0	44	88.8	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	58	116	65.1 - 140
Methylene chloride	50.0	41	81.8	61.3 - 120
Naphthalene	50.0	44	88.4	62.3 - 148
n-Butylbenzene	50.0	40	80.7	67.2 - 123
n-Propylbenzene	50.0	44	87.6	70.5 - 127
o-Xylene	50.0	45	89.3	75.9 - 122
p- & m- Xylenes	100	92	92.4	77.7 - 127
p-Isopropyltoluene	50.0	44	87.7	75.6 - 129
sec-Butylbenzene	50.0	45	89.5	71.5 - 125
Styrene	50.0	47	93.4	77.8 - 123
tert-Butylbenzene	50.0	44	88.1	75.9 - 151
Tetrachloroethylene	50.0	48	95.7	63.6 - 167
Toluene	50.0	46	92.4	77 - 123
trans-1,2-Dichloroethylene	50.0	56	112	76.3 - 139
trans-1,3-Dichloropropylene	50.0	46	92.4	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	46	91.0	77.9 - 130
Trichlorofluoromethane	50.0	47	93.8	57.4 - 133
Vinyl Chloride	50.0	48	96.1	54.9 - 124
Vinyl acetate	50.0	47	93.8	70 - 130

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188534L.D Vial: 21
Acq On : 26 Apr 2013 9:33 pm Operator: SS
Sample : BD31300-BS1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	135427	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	765696	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	309414	50.00	ppb		-0.01
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	207253	52.62	ppb		-0.01
Spiked Amount 50.000	Range 64 - 122		Recovery = 105.24%				
47) Toluene-d8(SURR)	7.14	98	802007	48.85	ppb		-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.70%				
64) p-Bromofluorobenzene(SURR)	9.89	174	310583	49.66	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.32%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	592476	52.20	ppb		99
3) Chloromethane	1.73	50	297532	39.60	ppb		99
4) Vinyl Chloride	1.83	62	303266	48.06	ppb		100
5) Bromomethane	2.14	94	200195	45.97	ppb		99
6) Chloroethane	2.23	64	166769	50.82	ppb		100
7) Trichlorofluoromethane	2.47	101	582783	46.92	ppb		100
8) Ethyl Ether	2.74	59	148226	50.82	ppb		98
9) Freon-113	2.94	101	343080	50.18	ppb		98
10) 1,1-Dichloroethylene	2.94	61	420799	47.61	ppb		98
11) Acrolein	2.86	56	8839	37.18	ppb		90
12) Iodomethane	3.08	142	239442	51.05	ppb		97
13) Methyl Acetate	3.30	43	91933	59.82	ppb		99
14) tert-Butyl Alcohol (TBA)	3.52	59	317478	1018.56	ppb		98
15) trans-1,2-Dichloroethylene	3.63	61	401810	56.20	ppb		98
16) Carbon Disulfide	3.15	76	1370872	99.90	ppb		100
17) Methylene Chloride	3.39	49	258275	40.91	ppb		98
18) Acrylonitrile	3.61	53	42380	61.19	ppb	#	98
19) tert-Butyl Methyl Ether (M	3.65	73	614736	58.01	ppb		100
20) Acetone	3.01	43	62246	41.10	ppb		99
21) 1,1-Dichloroethane	4.02	63	524966	59.21	ppb		99
22) Vinyl Acetate	4.07	43	251206	46.91	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	364505	53.77	ppb	#	99
24) 2-Butanone	4.58	72	15762	53.15	ppb		91
25) 2,2-Dichloropropane	4.55	77	549727	52.25	ppb		100
26) Bromochloromethane	4.77	49	199053	56.27	ppb		98
27) Chloroform	4.84	83	623714	50.23	ppb		99
28) Tetrahydrofuran	4.83	71	13728	49.13	ppb	#	51
29) 1,1-Dichloropropylene	5.16	75	480603	49.32	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188534L.D Vial: 21
Acq On : 26 Apr 2013 9:33 pm Operator: SS
Sample : BD31300-BS1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	1,1,1-Trichloroethane	5.01	97	674965	52.13	ppb		100
31)	Cyclohexane	5.06	56	395261	30.46	ppb	#	47
33)	Carbon Tetrachloride	5.17	117	579689	51.86	ppb		99
34)	1,2-Dichloroethane	5.37	62	429084	52.07	ppb		100
35)	Benzene	5.36	78	1069635	51.80	ppb		99
37)	Trichloroethylene	5.96	95	374916	45.52	ppb		99
38)	Methyl Cyclohexane	6.15	83	474915	40.44	ppb	#	100
39)	Dibromomethane	6.28	93	169469	55.82	ppb		99
40)	Methyl Methacrylate	6.27	69	123804	45.98	ppb		99
41)	Bromodichloromethane	6.43	83	461695	46.18	ppb		99
42)	1,2-Dichloropropane	6.17	63	240616	46.10	ppb		99
44)	2-Chloroethylvinyl ether	6.72	63	177673	84.66	ppb		98
45)	cis-1,3-Dichloropropene	6.87	75	471361	47.23	ppb		100
46)	2-Hexanone	7.86	43	117928	29.85	ppb		98
48)	Toluene	7.20	91	1266028	46.20	ppb		100
49)	trans-1,3-Dichloropropene	7.42	75	416945	46.20	ppb		99
50)	1,1,2-Trichloroethane	7.60	83	162616	43.72	ppb		97
51)	1,3-Dichloropropane	7.78	76	361997	44.46	ppb	#	100
52)	Tetrachloroethylene	7.76	166	443824	47.87	ppb		100
53)	4-Methyl-2-Pentanone	7.02	43	172818	31.55	ppb	#	97
54)	Dibromochloromethane	8.02	129	334144	48.63	ppb		100
55)	1,2-Dibromoethane	8.14	107	239543	45.63	ppb		100
56)	Chlorobenzene	8.65	112	866110	45.88	ppb		99
57)	Ethyl Benzene	8.76	91	1593535	46.48	ppb		100
58)	p- & m-Xylenes	8.89	91	2414598	92.41	ppb		99
59)	o-Xylene	9.32	91	1198547	44.67	ppb		100
60)	Styrene	9.33	104	921868	46.68	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.73	131	334452	45.70	ppb		100
63)	Bromoform	9.53	173	178627	46.88	ppb	#	100
65)	p-Ethyltoulene	10.30	105	1498469	44.04	ppb		97
66)	p-Diethylbenzene	11.58	119	632865	35.34	ppb		88
67)	1,1,2,2-Tetrachloroethane	10.04	83	218395	43.02	ppb		99
68)	1,2,3-Trichloropropane	10.10	110	87003	45.78	ppb		95
69)	Isopropylbenzene	9.72	105	1615197	44.42	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.51	75	53411	50.48	ppb		94
71)	Bromobenzene	10.05	77	568400	43.30	ppb		97
72)	trans-1,4-Dichloro-2-buten	10.10	75	276337m	43.76	ppb		
73)	n-Propylbenzene	10.17	91	1799269	43.78	ppb		100
74)	2-Chlorotoluene	10.27	91	1195634	43.19	ppb		100
75)	4-Chlorotoluene	10.39	91	1191501	43.58	ppb		100
76)	tert-Butylbenzene	10.73	119	1424458	44.07	ppb	#	78

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188534L.D Vial: 21
Acq On : 26 Apr 2013 9:33 pm Operator: SS
Sample : BD31300-BS1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

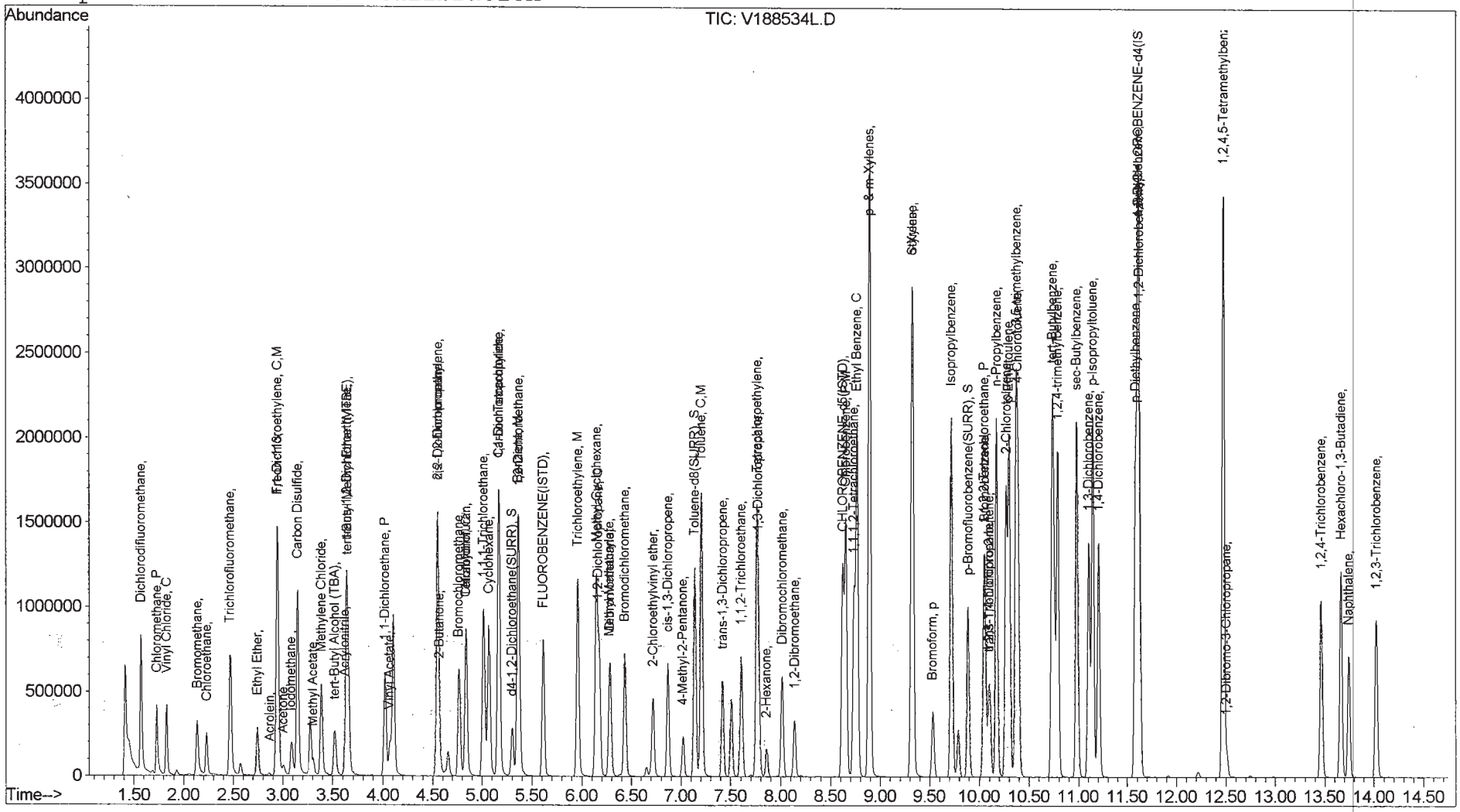
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77) 1,3,5-trimethylbenzene	10.37	105	1255618	43.41	ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1248424	42.74	ppb		100
79) sec-Butylbenzene	10.98	105	1696870	44.74	ppb		99
80) 1,3-Dichlorobenzene	11.10	146	634400	43.68	ppb	#	100
81) 1,4-Dichlorobenzene	11.20	146	616465	42.97	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	538281	42.49	ppb	#	84
83) p-Isopropyltoluene	11.14	119	1394236	43.85	ppb	#	100
84) n-Butylbenzene	11.61	91	1443510	40.35	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.48	119	2188715	81.29	ppb		99
86) 1,2,4-Trichlorobenzene	13.46	180	390968	42.22	ppb		98
87) Naphthalene	13.74	128	642306	44.18	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	274530	43.75	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.02	182	328619	43.04	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188534L.D Vial: 21
Acq On : 26 Apr 2013 9:33 pm Operator: SS
Sample : BD31300-BS1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	48	96.7	82.3 - 130
1,1,1-Trichloroethane	50.0	55	110	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	42	83.8	71.3 - 131
1,1,2-Trichloro-1.2.2-trifluoroethane (Freon 113)	50.0	52	104	71.1 - 129
1,1,2-Trichloroethane	50.0	44	87.9	74.5 - 129
1,1-Dichloroethane	50.0	59	118	79.6 - 132
1,1-Dichloroethylene	50.0	50	99.7	80.2 - 146
1,1-Dichloropropylene	50.0	50	100	75 - 136
1,2,3-Trichlorobenzene	50.0	44	88.5	66.1 - 136
1,2,3-Trichloropropane	50.0	43	86.5	63 - 131
1,2,4-Trichlorobenzene	50.0	44	88.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	44	87.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	50	100	58.9 - 140
1,2-Dibromoethane	50.0	46	92.5	79 - 130
1,2-Dichlorobenzene	50.0	44	88.2	76.1 - 122
1,2-Dichloroethane	50.0	55	110	74.6 - 132
1,2-Dichloropropane	50.0	45	90.9	76.9 - 129
1,3,5-Trimethylbenzene	50.0	45	90.6	70.6 - 127
1,3-Dichlorobenzene	50.0	45	91.0	77 - 124
1,3-Dichloropropane	50.0	44	88.0	75.8 - 126
1,4-Dichlorobenzene	50.0	45	89.8	76.6 - 125
2,2-Dichloropropane	50.0	57	114	69 - 133
2-Butanone	50.0	56	112	70 - 130
2-Chlorotoluene	50.0	43	86.3	66.3 - 119
4-Chlorotoluene	50.0	45	90.0	69.2 - 127
Acetone	50.0	41	81.1	70 - 130
Benzene	50.0	51	102	76.2 - 129
Bromobenzene	50.0	43	86.2	71.3 - 123
Bromochloromethane	50.0	57	113	70.8 - 137
Bromodichloromethane	50.0	47	94.0	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	49	98.5	70.5 - 141
Bromomethane	50.0	49	98.9	43.9 - 147
Carbon tetrachloride	50.0	55	110	78.1 - 138
Chlorobenzene	50.0	48	95.3	80.4 - 125
Chloroethane	50.0	51	102	55.8 - 140
Chloroform	50.0	52	105	76.6 - 133
Chloromethane	50.0	39	77.7	48.8 - 115
cis-1,2-Dichloroethylene	50.0	54	108	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	93.6	74.5 - 128
Dibromochloromethane	50.0	51	102	79.8 - 134
Dibromomethane	50.0	56	111	79 - 130
Dichlorodifluoromethane	50.0	51	103 *	47.1 - 101
Ethyl Benzene	50.0	47	94.0	80.8 - 128
Hexachlorobutadiene	50.0	45	90.8	64.8 - 128
Isopropylbenzene	50.0	45	89.7	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	58	115	65.1 - 140
Methylene chloride	50.0	43	85.7	61.3 - 120
Naphthalene	50.0	43	86.8	62.3 - 148
n-Butylbenzene	50.0	42	83.5	67.2 - 123
n-Propylbenzene	50.0	44	87.1	70.5 - 127
o-Xylene	50.0	46	91.5	75.9 - 122
p- & m- Xylenes	100	94	93.7	77.7 - 127
p-Isopropyltoluene	50.0	46	91.2	75.6 - 129
sec-Butylbenzene	50.0	45	89.2	71.5 - 125
Styrene	50.0	48	95.6	77.8 - 123
tert-Butylbenzene	50.0	45	90.7	75.9 - 151
Tetrachloroethylene	50.0	46	92.4	63.6 - 167
Toluene	50.0	45	90.6	77 - 123
trans-1,2-Dichloroethylene	50.0	55	110	76.3 - 139
trans-1,3-Dichloropropylene	50.0	48	95.4	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	47	93.3	77.9 - 130
Trichlorofluoromethane	50.0	50	99.8	57.4 - 133
Vinyl Chloride	50.0	46	92.8	54.9 - 124
Vinyl acetate	50.0	48	95.7	70 - 130

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188555L.D Vial: 4
Acq On : 29 Apr 2013 10:42 am Operator: SS
Sample : BD31338-BS1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 11:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	129342	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	743770	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	309390	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	211754	56.30	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 112.60%				
47) Toluene-d8(SURR)	7.14	98	750745	47.08	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.16%				
64) p-Bromofluorobenzene(SURR)	9.89	174	317214	50.73	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	556883	51.37	ppb		99
3) Chloromethane	1.72	50	278578	38.83	ppb		99
4) Vinyl Chloride	1.83	62	279647	46.40	ppb		99
5) Bromomethane	2.13	94	205680	49.45	ppb		99
6) Chloroethane	2.23	64	159533	50.90	ppb		98
7) Trichlorofluoromethane	2.47	101	592157	49.92	ppb		100
8) Ethyl Ether	2.74	59	138711	49.79	ppb		98
9) Freon-113	2.94	101	338185	51.79	ppb		99
10) 1,1-Dichloroethylene	2.94	61	420976	49.87	ppb		98
11) Acrolein	2.86	56	10059	44.30	ppb		100
12) Iodomethane	3.09	142	225007	50.23	ppb		99
13) Methyl Acetate	3.30	43	86320	58.81	ppb		99
14) tert-Butyl Alcohol (TBA)	3.53	59	280361	941.79	ppb		99
15) trans-1,2-Dichloroethylene	3.63	61	376522	55.14	ppb		99
16) Carbon Disulfide	3.14	76	1313766	100.24	ppb		100
17) Methylene Chloride	3.39	49	258544	42.87	ppb		98
18) Acrylonitrile	3.62	53	36270	54.83	ppb	#	100
19) tert-Butyl Methyl Ether (M	3.65	73	583618	57.66	ppb		100
20) Acetone	3.01	43	58615	40.53	ppb		100
21) 1,1-Dichloroethane	4.02	63	500142	59.06	ppb		100
22) Vinyl Acetate	4.07	43	244601	47.83	ppb		99
23) cis-1,2-Dichloroethylene	4.55	96	349706	54.01	ppb	#	99
24) 2-Butanone	4.57	72	15863	56.01	ppb		80
25) 2,2-Dichloropropane	4.55	77	574912	57.21	ppb		100
26) Bromochloromethane	4.77	49	191472	56.68	ppb		95
27) Chloroform	4.84	83	620915	52.35	ppb		99
28) Tetrahydrofuran	4.83	71	13206	49.49	ppb		80
29) 1,1-Dichloropropylene	5.17	75	466237	50.09	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188555L.D Vial: 4
Acq On : 29 Apr 2013 10:42 am Operator: SS
Sample : BD31338-BS1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 11:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.02	97	681725	55.13	ppb	#	98
31) Cyclohexane	5.07	56	375242	30.28	ppb	#	46
33) Carbon Tetrachloride	5.17	117	589060	55.18	ppb		98
34) 1,2-Dichloroethane	5.37	62	431056	54.77	ppb		99
35) Benzene	5.36	78	1002806	50.85	ppb		100
37) Trichloroethylene	5.96	95	373290	46.65	ppb		99
38) Methyl Cyclohexane	6.15	83	455619	39.95	ppb	#	100
39) Dibromomethane	6.29	93	164297	55.71	ppb		99
40) Methyl Methacrylate	6.28	69	115528	44.17	ppb		98
41) Bromodichloromethane	6.44	83	456395	46.99	ppb		100
42) 1,2-Dichloropropane	6.18	63	230453	45.46	ppb		98
44) 2-Chloroethylvinyl ether	6.72	63	168776	82.79	ppb		98
45) cis-1,3-Dichloropropene	6.87	75	453723	46.80	ppb		99
46) 2-Hexanone	7.86	43	114089	29.73	ppb		98
48) Toluene	7.21	91	1205841	45.31	ppb		99
49) trans-1,3-Dichloropropene	7.42	75	417970	47.68	ppb		99
50) 1,1,2-Trichloroethane	7.61	83	158815	43.96	ppb		98
51) 1,3-Dichloropropane	7.78	76	347886	43.99	ppb	#	86
52) Tetrachloroethylene	7.77	166	416270	46.22	ppb		99
53) 4-Methyl-2-Pentanone	7.03	43	161379	30.33	ppb	#	89
54) Dibromochloromethane	8.02	129	341504	51.16	ppb		100
55) 1,2-Dibromoethane	8.14	107	235829	46.25	ppb		100
56) Chlorobenzene	8.66	112	873332	47.63	ppb		98
57) Ethyl Benzene	8.77	91	1564589	46.98	ppb		100
58) p- & m-Xylenes	8.89	91	2378967	93.73	ppb		99
59) o-Xylene	9.32	91	1192870	45.77	ppb		100
60) Styrene	9.34	104	916472	47.78	ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	343815	48.36	ppb		100
63) Bromoform	9.54	173	187662	49.26	ppb	#	100
65) p-Ethyltoulene	10.30	105	1513214	44.47	ppb		97
66) p-Diethylbenzene	11.59	119	655328	36.60	ppb		88
67) 1,1,2,2-Tetrachloroethane	10.04	83	212779	41.91	ppb		100
68) 1,2,3-Trichloropropane	10.10	110	82186	43.25	ppb		96
69) Isopropylbenzene	9.73	105	1630033	44.84	ppb	#	91
70) 1,2-Dibromo-3-Chloropropan	12.52	75	52944	50.04	ppb	#	64
71) Bromobenzene	10.06	77	565907	43.12	ppb		96
72) trans-1,4-Dichloro-2-buten	10.10	75	269220m	42.64	ppb		
73) n-Propylbenzene	10.18	91	1790374	43.57	ppb		100
74) 2-Chlorotoluene	10.27	91	1193759	43.13	ppb		100
75) 4-Chlorotoluene	10.39	91	1230630	45.01	ppb		99
76) tert-Butylbenzene	10.74	119	1465416	45.34	ppb	#	100

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188555L.D Vial: 4
Acq On : 29 Apr 2013 10:42 am Operator: SS
Sample : BD31338-BS1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 11:00 19113 Quant Results File: V1C00360.RE

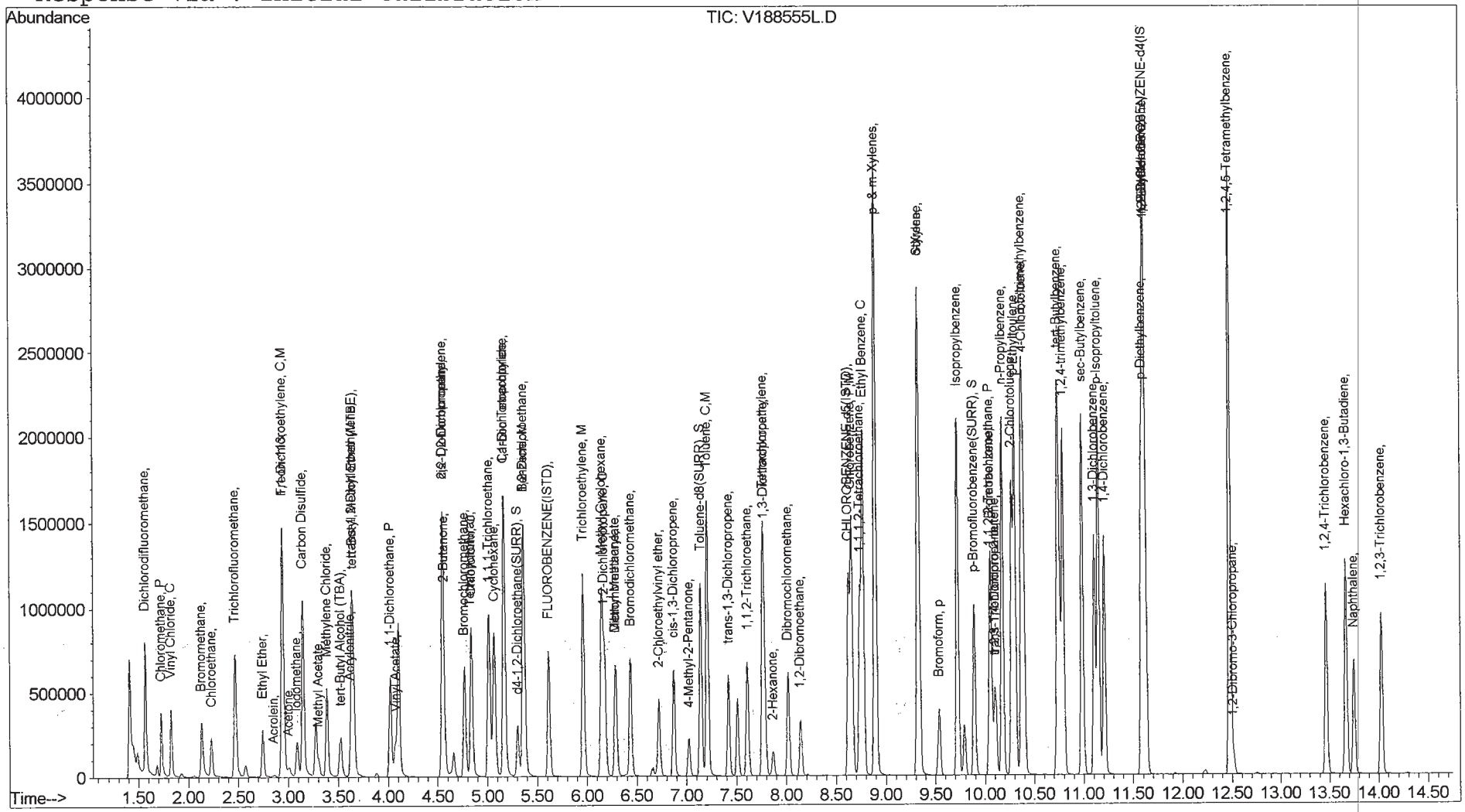
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77) 1,3,5-trimethylbenzene	10.37	105	1309672	45.28	ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1281888	43.89	ppb		100
79) sec-Butylbenzene	10.99	105	1690812	44.58	ppb		100
80) 1,3-Dichlorobenzene	11.11	146	660593	45.49	ppb	#	100
81) 1,4-Dichlorobenzene	11.21	146	644477	44.92	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	558673	44.10	ppb	#	85
83) p-Isopropyltoluene	11.15	119	1450028	45.61	ppb	#	100
84) n-Butylbenzene	11.62	91	1493448	41.75	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.48	119	2221470	82.51	ppb		99
86) 1,2,4-Trichlorobenzene	13.47	180	410670	44.35	ppb		98
87) Naphthalene	13.75	128	630616	43.38	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	284974	45.42	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.03	182	337625	44.23	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188555L.D Vial: 4
Acq On : 29 Apr 2013 10:42 am Operator: SS
Sample : BD31338-BS1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 11:00 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47	93.7	2.49	21.1	82.3 - 130
1,1,1-Trichloroethane	50.0	52	103	0.828	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	43	86.2	0.139	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48	96.1	4.30	21.7	71.1 - 129
1,1,2-Trichloroethane	50.0	46	91.2	4.23	20.3	74.5 - 129
1,1-Dichloroethane	50.0	58	117	1.55	20.6	79.6 - 132
1,1-Dichloroethylene	50.0	46	92.5	2.90	20	80.2 - 146
1,1-Dichloropropylene	50.0	49	97.5	1.14	19.3	75 - 136
1,2,3-Trichlorobenzene	50.0	41	81.7	5.22	21.6	66.1 - 136
1,2,3-Trichloropropane	50.0	45	90.3	1.43	23.9	63 - 131
1,2,4-Trichlorobenzene	50.0	40	79.9	5.58	21.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	42	84.2	1.51	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	54	107	6.13	27.7	58.9 - 140
1,2-Dibromoethane	50.0	46	91.3	0.0438	23	79 - 130
1,2-Dichlorobenzene	50.0	43	85.4	0.446	19.8	76.1 - 122
1,2-Dichloroethane	50.0	51	103	1.39	20.2	74.6 - 132
1,2-Dichloropropane	50.0	47	93.6	1.46	20.7	76.9 - 129
1,3,5-Trimethylbenzene	50.0	44	87.2	0.437	18.9	70.6 - 127
1,3-Dichlorobenzene	50.0	43	85.2	2.50	19.2	77 - 124
1,3-Dichloropropane	50.0	46	91.4	2.73	22.1	75.8 - 126
1,4-Dichlorobenzene	50.0	42	84.9	1.26	18.6	76.6 - 125
2,2-Dichloropropane	50.0	52	104	0.846	19.8	69 - 133
2-Butanone	50.0	53	107	0.263	30	70 - 130
2-Chlorotoluene	50.0	43	85.1	1.49	21.6	66.3 - 119
4-Chlorotoluene	50.0	43	86.7	0.552	19	69.2 - 127
Acetone	50.0	37	74.3	10.1	30	70 - 130
Benzene	50.0	51	103	0.775	19	76.2 - 129
Bromobenzene	50.0	44	87.5	1.03	20.3	71.3 - 123
Bromochloromethane	50.0	55	109	2.85	23.9	70.8 - 137
Bromodichloromethane	50.0	47	94.8	2.65	21	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	50.0	47	94.0	0.234	21.8	70.5 - 141
Bromomethane	50.0	47	94.2	2.43	28.4	43.9 - 147
Carbon tetrachloride	50.0	50	101	2.74	20.1	78.1 - 138
Chlorobenzene	50.0	47	93.3	1.71	19.9	80.4 - 125
Chloroethane	50.0	49	98.8	2.85	23.3	55.8 - 140
Chloroform	50.0	51	102	1.56	20.3	76.6 - 133
Chloromethane	50.0	38	76.6	3.31	24.5	48.8 - 115
cis-1,2-Dichloroethylene	50.0	53	105	2.01	20.5	75.1 - 128
cis-1,3-Dichloropropylene	50.0	46	92.1	2.49	19.9	74.5 - 128
Dibromochloromethane	50.0	51	101	4.01	21.3	79.8 - 134
Dibromomethane	50.0	55	111	0.954	22.4	79 - 130
Dichlorodifluoromethane	50.0	51	103 *	1.45	23.9	47.1 - 101
Ethyl Benzene	50.0	46	92.3	0.669	19.2	80.8 - 128
Hexachlorobutadiene	50.0	42	83.8	4.34	20.6	64.8 - 128
Isopropylbenzene	50.0	44	88.2	0.723	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	57	113	2.62	23.6	65.1 - 140
Methylene chloride	50.0	40	80.0	2.25	20.4	61.3 - 120
Naphthalene	50.0	44	87.3	1.16	27.1	62.3 - 148
n-Butylbenzene	50.0	40	79.6	1.42	19.1	67.2 - 123
n-Propylbenzene	50.0	43	86.2	1.59	23.4	70.5 - 127
o-Xylene	50.0	45	90.8	1.67	19.3	75.9 - 122
p- & m- Xylenes	100	91	91.5	1.01	18.6	77.7 - 127
p-Isopropyltoluene	50.0	43	86.0	1.93	19.1	75.6 - 129
sec-Butylbenzene	50.0	44	88.6	0.943	18.9	71.5 - 125
Styrene	50.0	47	94.0	0.726	20.9	77.8 - 123
tert-Butylbenzene	50.0	44	88.0	0.204	20.9	75.9 - 151
Tetrachloroethylene	50.0	48	95.3	0.503	27.7	63.6 - 167
Toluene	50.0	47	93.1	0.755	18.7	77 - 123
trans-1,2-Dichloroethylene	50.0	54	108	3.94	19.5	76.3 - 139
trans-1,3-Dichloropropylene	50.0	46	91.7	0.804	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichloroethylene	50.0	45	90.8	0.264	20.5	77.9 - 130
Trichlorofluoromethane	50.0	46	91.2	2.90	21.4	57.4 - 133
Vinyl Chloride	50.0	46	92.3	4.10	22.3	54.9 - 124
Vinyl acetate	50.0	47	94.9	1.10	30	70 - 130

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188535U.D Vial: 22
Acq On : 26 Apr 2013 10:12 pm Operator: SS
Sample : BD31300-BSD1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	141825	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	792719	50.00	ppb		-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	322528	50.00	ppb		-0.01
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	216120	52.40	ppb		-0.01
Spiked Amount 50.000	Range 64 - 122		Recovery = 104.80%				
47) Toluene-d8(SURR)	7.14	98	832404	48.98	ppb		-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.96%				
64) p-Bromofluorobenzene(SURR)	9.89	174	327965	50.31	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	611580	51.45	ppb		100
3) Chloromethane	1.73	50	301391	38.31	ppb		99
4) Vinyl Chloride	1.82	62	304839	46.13	ppb		100
5) Bromomethane	2.13	94	214807	47.10	ppb		99
6) Chloroethane	2.22	64	169758	49.39	ppb		99
7) Trichlorofluoromethane	2.47	101	592810	45.58	ppb		100
8) Ethyl Ether	2.74	59	152759	50.01	ppb		99
9) Freon-113	2.94	101	344162	48.07	ppb		99
10) 1,1-Dichloroethylene	2.94	61	428093	46.25	ppb		97
11) Acrolein	2.86	56	9872	39.65	ppb		93
12) Iodomethane	3.09	142	242852	49.45	ppb		99
13) Methyl Acetate	3.30	43	97215	60.41	ppb		100
14) tert-Butyl Alcohol (TBA)	3.52	59	348383	1067.29	ppb		98
15) trans-1,2-Dichloroethylene	3.63	61	404557	54.03	ppb		98
16) Carbon Disulfide	3.14	76	1405122	97.77	ppb		100
17) Methylene Chloride	3.38	49	264476	40.00	ppb		98
18) Acrylonitrile	3.62	53	44740	61.69	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	627149	56.51	ppb		100
20) Acetone	3.01	43	58939	37.16	ppb		99
21) 1,1-Dichloroethane	4.02	63	541310	58.30	ppb		100
22) Vinyl Acetate	4.07	43	265986	47.43	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	374149	52.70	ppb	#	99
24) 2-Butanone	4.57	72	16548	53.29	ppb		98
25) 2,2-Dichloropropane	4.55	77	570847	51.81	ppb		100
26) Bromochloromethane	4.76	49	202582	54.69	ppb		96
27) Chloroform	4.83	83	663549	51.02	ppb		100
28) Tetrahydrofuran	4.83	71	15030	51.36	ppb	#	63
29) 1,1-Dichloropropylene	5.16	75	497605	48.76	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188535U.D Vial: 22
Acq On : 26 Apr 2013 10:12 pm Operator: SS
Sample : BD31300-BSD1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	1,1,1-Trichloroethane	5.01	97	701084	51.70	ppb		99
31)	Cyclohexane	5.06	56	401888	29.57	ppb	#	45
33)	Carbon Tetrachloride	5.16	117	590713	50.46	ppb		99
34)	1,2-Dichloroethane	5.37	62	443095	51.35	ppb	#	98
35)	Benzene	5.35	78	1111544	51.40	ppb		100
37)	Trichloroethylene	5.95	95	387120	45.40	ppb		99
38)	Methyl Cyclohexane	6.14	83	495238	40.74	ppb	#	100
39)	Dibromomethane	6.28	93	173785	55.29	ppb		98
40)	Methyl Methacrylate	6.27	69	133898	48.04	ppb		100
41)	Bromodichloromethane	6.43	83	490872	47.42	ppb		100
42)	1,2-Dichloropropane	6.17	63	252790	46.78	ppb		100
43)	1,4-Dioxane	6.31	88	1675	36.34	ppb	#	74
44)	2-Chloroethylvinyl ether	6.71	63	183568	84.49	ppb		98
45)	cis-1,3-Dichloropropene	6.87	75	476076	46.07	ppb		100
46)	2-Hexanone	7.86	43	129403	31.64	ppb		100
48)	Toluene	7.20	91	1320633	46.55	ppb		99
49)	trans-1,3-Dichloropropene	7.42	75	428227	45.83	ppb		99
50)	1,1,2-Trichloroethane	7.60	83	175610	45.61	ppb		99
51)	1,3-Dichloropropane	7.78	76	385134	45.69	ppb	#	100
52)	Tetrachloroethylene	7.76	166	457240	47.63	ppb		98
53)	4-Methyl-2-Pentanone	7.02	43	181561	32.02	ppb	#	97
54)	Dibromochloromethane	8.01	129	360119	50.62	ppb		99
55)	1,2-Dibromoethane	8.14	107	248097	45.65	ppb		99
56)	Chlorobenzene	8.65	112	912114	46.67	ppb		98
57)	Ethyl Benzene	8.76	91	1638915	46.17	ppb		100
58)	p- & m-Xylenes	8.89	91	2474670	91.48	ppb		100
59)	o-Xylene	9.31	91	1261453	45.42	ppb		100
60)	Styrene	9.33	104	961265	47.02	ppb		99
61)	1,1,1,2-Tetrachloroethane	8.73	131	354976	46.85	ppb		98
63)	Bromoform	9.53	173	186635	46.99	ppb	#	100
65)	p-Ethyltoulene	10.30	105	1548656	43.66	ppb		97
66)	p-Diethylbenzene	11.58	119	641231	34.36	ppb		87
67)	1,1,2,2-Tetrachloroethane	10.04	83	228008	43.08	ppb		99
68)	1,2,3-Trichloropropane	10.09	110	89406	45.13	ppb		99
69)	Isopropylbenzene	9.72	105	1671231	44.10	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.50	75	59193	53.67	ppb		91
71)	Bromobenzene	10.05	77	598647	43.75	ppb		98
72)	trans-1,4-Dichloro-2-buten	10.10	75	285706m	43.40	ppb		
73)	n-Propylbenzene	10.17	91	1846132	43.09	ppb		100
74)	2-Chlorotoluene	10.27	91	1227677	42.55	ppb		100
75)	4-Chlorotoluene	10.38	91	1235349	43.34	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188535U.D Vial: 22
Acq On : 26 Apr 2013 10:12 pm Operator: SS
Sample : BD31300-BSD1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

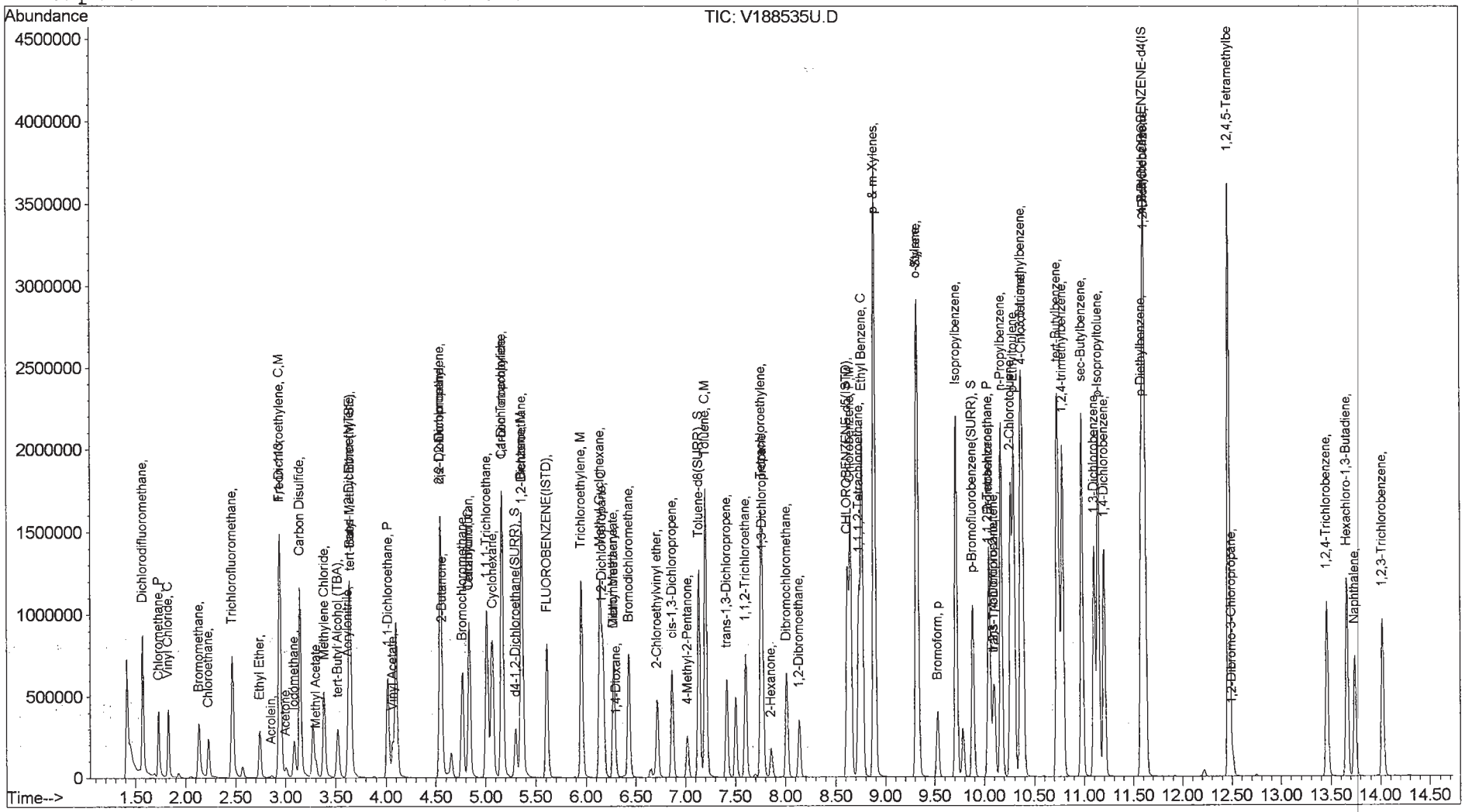
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) tert-Butylbenzene	10.73	119	1481643	43.98	ppb	#	77
77) 1,3,5-trimethylbenzene	10.37	105	1314648	43.60	ppb		100
78) 1,2,4-trimethylbenzene	10.78	105	1281757	42.10	ppb	#	96
79) sec-Butylbenzene	10.98	105	1752333	44.32	ppb		100
80) 1,3-Dichlorobenzene	11.10	146	644942	42.60	ppb	#	99
81) 1,4-Dichlorobenzene	11.20	146	634593	42.43	ppb	#	99
82) 1,2-Dichlorobenzene	11.62	146	563582	42.68	ppb	#	84
83) p-Isopropyltoluene	11.14	119	1425563	43.01	ppb	#	100
84) n-Butylbenzene	11.60	91	1483302	39.78	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.47	119	2247580	80.08	ppb		99
86) 1,2,4-Trichlorobenzene	13.46	180	385464	39.93	ppb		99
87) Naphthalene	13.74	128	661753	43.67	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.66	225	274013	41.89	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.02	182	325050	40.85	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188535U.D Vial: 22
Acq On : 26 Apr 2013 10:12 pm Operator: SS
Sample : BD31300-BSD1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-1B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-MS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-1B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	48	96.3	82 - 138
1,1,1-Trichloroethane	50.0	0.98	58	114	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	48	96.3	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	53	106	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	46	92.5	82.5 - 129
1,1-Dichloroethane	50.0	ND	60	119	81.4 - 137
1,1-Dichloroethylene	50.0	ND	51	102	90 - 138
1,1-Dichloropropylene	50.0	ND	51	103	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	42	84.8	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	49	97.6	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	39	78.6	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	42	84.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	53	106	66.6 - 143
1,2-Dibromoethane	50.0	ND	49	97.6	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	44	88.1	79.9 - 130
1,2-Dichloroethane	50.0	ND	58	116	85 - 133
1,2-Dichloropropane	50.0	ND	45	90.4	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	44	87.8	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	43	86.8	79.1 - 124
1,3-Dichloropropane	50.0	ND	48	95.2	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	42	84.3	79.4 - 128
2,2-Dichloropropane	50.0	ND	49	97.6	54.2 - 126
2-Butanone	50.0	ND	58	116	70 - 130
2-Chlorotoluene	50.0	ND	44	87.7	60.2 - 144
4-Chlorotoluene	50.0	ND	44	88.4	79.8 - 128
Acetone	50.0	ND	43	86.6	70 - 130
Benzene	50.0	ND	51	102	74.1 - 134
Bromobenzene	50.0	ND	45	89.6	76.6 - 125
Bromochloromethane	50.0	ND	58	116	85 - 133
Bromodichloromethane	50.0	ND	50	99.3	80.8 - 143
Bromoform	50.0	ND	52	103	65.8 - 164
Bromomethane	50.0	ND	42	84.2	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-1B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-MS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-1B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	55	111	85.7 - 138
Chlorobenzene	50.0	ND	47	94.4	79.9 - 129
Chloroethane	50.0	ND	51	102	74.7 - 127
Chloroform	50.0	ND	54	107	50.6 - 145
Chloromethane	50.0	ND	37	74.8	64 - 111
cis-1,2-Dichloroethylene	50.0	1.2	56	109	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	46	91.8	74.3 - 128
Dibromochloromethane	50.0	ND	52	104	76.8 - 150
Dibromomethane	50.0	ND	60	120	83.3 - 140
Dichlorodifluoromethane	50.0	ND	54	107 *	51 - 100
Ethyl Benzene	50.0	ND	47	94.6	82.9 - 127
Hexachlorobutadiene	50.0	ND	44	87.0	73 - 128
Isopropylbenzene	50.0	ND	45	90.9	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	55	110	81.2 - 134
Methylene chloride	50.0	2.6	43	81.3	57.8 - 103
Naphthalene	50.0	ND	44	87.7	80.1 - 122
n-Butylbenzene	50.0	ND	40	79.6	72.4 - 120
n-Propylbenzene	50.0	ND	44	87.9	74 - 130
o-Xylene	50.0	ND	46	92.2	78.8 - 122
p- & m- Xylenes	100	ND	94	93.9	82.5 - 123
p-Isopropyltoluene	50.0	ND	44	89.0	64.9 - 132
sec-Butylbenzene	50.0	ND	45	89.6	25.4 - 151
Styrene	50.0	ND	46	92.4	74.1 - 134
tert-Butylbenzene	50.0	ND	46	91.4	79.5 - 171
Tetrachloroethylene	50.0	18	59	83.1	72.5 - 130
Toluene	50.0	ND	46	92.6	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	50	101	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	46	91.5	74.9 - 136
Trichloroethylene	50.0	4.0	51	94.6	84.4 - 125
Trichlorofluoromethane	50.0	ND	51	102	78.7 - 127
Vinyl Chloride	50.0	ND	49	98.8	72.1 - 116
Vinyl acetate	50.0	ND	41	82.1	70 - 130

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188551M.D Vial: 38
Acq On : 27 Apr 2013 8:36 am Operator: SS
Sample : BD31300-MS1 Inst : VOA No.1
Misc : QBV1042613B 938-02 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:11 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	119758	50.00	ppb		-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	693556	50.00	ppb		-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	282057	50.00	ppb		-0.02
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.29	65	201682	57.91	ppb		-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 115.82%				
47) Toluene-d8(SURR)	7.13	98	726159	48.84	ppb		-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.68%				
64) p-Bromofluorobenzene(SURR)	9.88	174	290332	50.93	ppb		-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.56	85	537834	53.59	ppb		100
3) Chloromethane	1.72	50	248310	37.38	ppb		99
4) Vinyl Chloride	1.82	62	275720	49.41	ppb		100
5) Bromomethane	2.12	94	162209	42.12	ppb		97
6) Chloroethane	2.22	64	147351	50.77	ppb		99
7) Trichlorofluoromethane	2.46	101	562678	51.23	ppb		100
8) Ethyl Ether	2.73	59	139240	53.98	ppb		94
9) Freon-113	2.93	101	320888	53.08	ppb		99
10) 1,1-Dichloroethylene	2.93	61	396956	50.79	ppb		98
11) Acrolein	2.86	56	8032	38.20	ppb		100
12) Iodomethane	3.07	142	177275	42.74	ppb		99
13) Methyl Acetate	3.30	43	68518	50.42	ppb		99
14) tert-Butyl Alcohol (TBA)	3.52	59	308595	1119.60	ppb		97
15) trans-1,2-Dichloroethylene	3.63	61	319278	50.50	ppb		99
16) Carbon Disulfide	3.14	76	1239203	102.12	ppb		100
17) Methylene Chloride	3.37	49	241708	43.29	ppb		98
18) Acrylonitrile	3.61	53	35931	58.67	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	513787	54.82	ppb		100
20) Acetone	3.00	43	58001	43.31	ppb	#	98
21) 1,1-Dichloroethane	4.01	63	467895	59.68	ppb		99
22) Vinyl Acetate	4.06	43	194408	41.05	ppb		100
23) cis-1,2-Dichloroethylene	4.54	96	335264	55.92	ppb	#	99
24) 2-Butanone	4.57	72	15263	58.21	ppb		91
25) 2,2-Dichloropropane	4.54	77	454215	48.82	ppb		100
26) Bromochloromethane	4.76	49	181482	58.02	ppb		96
27) Chloroform	4.83	83	589262	53.66	ppb		99
28) Tetrahydrofuran	4.82	71	14881	60.23	ppb		94
29) 1,1-Dichloropropylene	5.16	75	443326	51.44	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188551M.D Vial: 38
Acq On : 27 Apr 2013 8:36 am Operator: SS
Sample : BD31300-MS1 Inst : VOA No.1
Misc : QBV1042613B 938-02 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:11 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.01	97	663787	57.97	ppb		100
31) Cyclohexane	5.06	56	353214	30.78	ppb	#	46
33) Carbon Tetrachloride	5.16	117	546479	55.29	ppb		98
34) 1,2-Dichloroethane	5.37	62	424264	58.22	ppb		100
35) Benzene	5.35	78	930020	50.93	ppb		99
37) Trichloroethylene	5.95	95	383201	51.36	ppb		98
38) Methyl Cyclohexane	6.14	83	421093	39.59	ppb	#	100
39) Dibromomethane	6.28	93	165395	60.14	ppb		99
40) Methyl Methacrylate	6.27	69	119049	48.81	ppb		100
41) Bromodichloromethane	6.43	83	449508	49.63	ppb		100
42) 1,2-Dichloropropane	6.17	63	213602	45.18	ppb		96
43) 1,4-Dioxane	6.31	88	980	24.30	ppb	#	74
44) 2-Chloroethylvinyl ether	6.74	63	3746	1.97	ppb	#	86
45) cis-1,3-Dichloropropene	6.86	75	415134	45.92	ppb		99
46) 2-Hexanone	7.86	43	119067	33.28	ppb		99
48) Toluene	7.20	91	1149663	46.32	ppb		100
49) trans-1,3-Dichloropropene	7.42	75	374040	45.75	ppb	#	93
50) 1,1,2-Trichloroethane	7.60	83	155786	46.24	ppb		97
51) 1,3-Dichloropropane	7.77	76	351031	47.60	ppb	#	100
52) Tetrachloroethylene	7.76	166	499109	59.43	ppb		99
53) 4-Methyl-2-Pentanone	7.02	43	167631	33.79	ppb	#	89
54) Dibromochloromethane	8.01	129	323573	51.98	ppb		100
55) 1,2-Dibromoethane	8.13	107	232078	48.80	ppb		100
56) Chlorobenzene	8.65	112	807216	47.21	ppb		99
57) Ethyl Benzene	8.76	91	1469618	47.32	ppb		100
58) p- & m-Xylenes	8.89	91	2222874	93.92	ppb		99
59) o-Xylene	9.31	91	1120712	46.12	ppb		100
60) Styrene	9.32	104	826689	46.22	ppb		99
61) 1,1,1,2-Tetrachloroethane	8.73	131	319084	48.13	ppb		99
63) Bromoform	9.53	173	179326	51.63	ppb	#	100
65) p-Ethyltoulene	10.30	105	1355639	43.70	ppb		99
66) p-Diethylbenzene	11.58	119	566182	34.69	ppb		88
67) 1,1,2,2-Tetrachloroethane	10.04	83	222821	48.14	ppb		100
68) 1,2,3-Trichloropropane	10.08	110	84537	48.79	ppb		90
69) Isopropylbenzene	9.71	105	1506980	45.47	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.51	75	51202	53.09	ppb		93
71) Bromobenzene	10.05	77	535882	44.79	ppb		97
72) trans-1,4-Dichloro-2-buten	10.09	75	261694m	45.46	ppb		
73) n-Propylbenzene	10.17	91	1647403	43.97	ppb		100
74) 2-Chlorotoluene	10.27	91	1105970	43.83	ppb		100
75) 4-Chlorotoluene	10.38	91	1101532	44.19	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188551M.D Vial: 38
Acq On : 27 Apr 2013 8:36 am Operator: SS
Sample : BD31300-MS1 Inst : VOA No.1
Misc : QBV1042613B 938-02 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:11 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

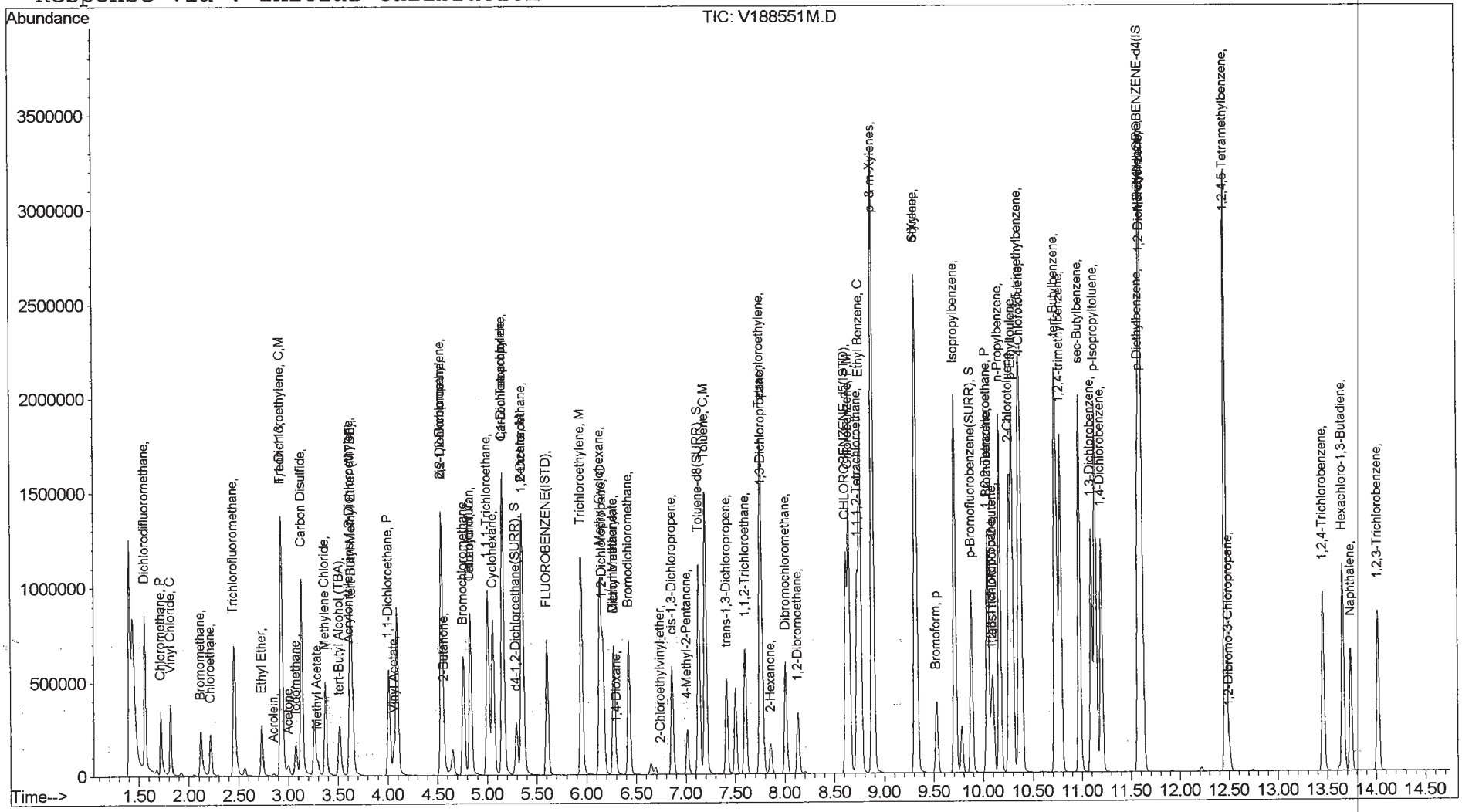
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
76) tert-Butylbenzene	10.73	119	1346358	45.69 ppb	#	77
77) 1,3,5-trimethylbenzene	10.37	105	1157763	43.91 ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1130048	42.44 ppb		99
79) sec-Butylbenzene	10.98	105	1549623	44.82 ppb		100
80) 1,3-Dichlorobenzene	11.10	146	574705	43.41 ppb	#	100
81) 1,4-Dichlorobenzene	11.20	146	551561	42.17 ppb	#	99
82) 1,2-Dichlorobenzene	11.62	146	508909	44.07 ppb	#	84
83) p-Isopropyltoluene	11.14	119	1289226	44.48 ppb	#	100
84) n-Butylbenzene	11.60	91	1297542	39.79 ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.47	119	1931118	78.68 ppb		99
86) 1,2,4-Trichlorobenzene	13.46	180	331723	39.30 ppb		99
87) Naphthalene	13.74	128	581109	43.85 ppb	#	97
88) Hexachloro-1,3-Butadiene	13.66	225	248836	43.50 ppb	#	100
89) 1,2,3-Trichlorobenzene	14.02	182	295204	42.42 ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188551M.D Vial: 38
Acq On : 27 Apr 2013 8:36 am Operator: SS
Sample : BD31300-MS1 Inst : VOA No.1
Misc : QBV1042613B 938-02 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:11 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	47	94.6	82 - 138
1,1,1-Trichloroethane	50.0	ND	54	107	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	38	76.9 *	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	49	98.6	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	42	84.4	82.5 - 129
1,1-Dichloroethane	50.0	ND	47	94.0	81.4 - 137
1,1-Dichloroethylene	50.0	ND	48	95.6	90 - 138
1,1-Dichloropropylene	50.0	ND	47	94.1	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	40	80.5	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	40	79.5	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	40	79.6	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	40	80.8	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	45	89.8	66.6 - 143
1,2-Dibromoethane	50.0	ND	45	90.6	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	40	80.5	79.9 - 130
1,2-Dichloroethane	50.0	ND	53	106	85 - 133
1,2-Dichloropropane	50.0	ND	42	84.4	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	42	83.3	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	41	81.3	79.1 - 124
1,3-Dichloropropane	50.0	ND	43	85.2	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	40	79.1 *	79.4 - 128
2,2-Dichloropropane	50.0	ND	52	103	54.2 - 126
2-Butanone	50.0	ND	46	92.6	70 - 130
2-Chlorotoluene	50.0	ND	41	82.3	60.2 - 144
4-Chlorotoluene	50.0	ND	42	83.9	79.8 - 128
Acetone	50.0	ND	33	66.6 *	70 - 130
Benzene	50.0	ND	46	92.8	74.1 - 134
Bromobenzene	50.0	ND	39	78.8	76.6 - 125
Bromochloromethane	50.0	ND	52	104	85 - 133
Bromodichloromethane	50.0	ND	48	95.4	80.8 - 143
Bromoform	50.0	ND	44	87.2	65.8 - 164
Bromomethane	50.0	4.9	37	64.6 *	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-MS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	51	102	85.7 - 138
Chlorobenzene	50.0	ND	45	90.6	79.9 - 129
Chloroethane	50.0	ND	41	81.6	74.7 - 127
Chloroform	50.0	ND	52	104	50.6 - 145
Chloromethane	50.0	ND	26	51.6 *	64 - 111
cis-1,2-Dichloroethylene	50.0	ND	49	97.8	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	45	90.5	74.3 - 128
Dibromochloromethane	50.0	ND	48	95.9	76.8 - 150
Dibromomethane	50.0	ND	56	112	83.3 - 140
Dichlorodifluoromethane	50.0	ND	26	52.5	51 - 100
Ethyl Benzene	50.0	ND	46	92.1	82.9 - 127
Hexachlorobutadiene	50.0	ND	43	85.2	73 - 128
Isopropylbenzene	50.0	ND	42	83.2	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	47	94.9	81.2 - 134
Methylene chloride	50.0	5.2	40	70.3	57.8 - 103
Naphthalene	50.0	ND	37	74.2 *	80.1 - 122
n-Butylbenzene	50.0	ND	39	77.9	72.4 - 120
n-Propylbenzene	50.0	ND	41	81.8	74 - 130
o-Xylene	50.0	ND	45	90.4	78.8 - 122
p- & m- Xylenes	100	ND	93	92.9	82.5 - 123
p-Isopropyltoluene	50.0	ND	42	84.2	64.9 - 132
sec-Butylbenzene	50.0	ND	42	84.0	25.4 - 151
Styrene	50.0	ND	46	91.8	74.1 - 134
tert-Butylbenzene	50.0	ND	42	84.1	79.5 - 171
Tetrachloroethylene	50.0	ND	44	88.6	72.5 - 130
Toluene	50.0	ND	44	88.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	47	94.7	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	46	91.2	74.9 - 136
Trichloroethylene	50.0	ND	45	89.3	84.4 - 125
Trichlorofluoromethane	50.0	ND	49	97.2	78.7 - 127
Vinyl Chloride	50.0	ND	33	65.6 *	72.1 - 116
Vinyl acetate	50.0	ND	40	80.2	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47	93.1	1.64	21.3	82 - 138
1,1,1-Trichloroethane	50.0	54	108	1.04	22.6	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	40	80.6	4.62	23.1	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49	98.4	0.183	25.6	74.8 - 131
1,1,2-Trichloroethane	50.0	43	85.4	1.23	19.3	82.5 - 129
1,1-Dichloroethane	50.0	52	104	10.4	20.7	81.4 - 137
1,1-Dichloroethylene	50.0	47	93.8	1.94	22.9	90 - 138
1,1-Dichloropropylene	50.0	48	96.5	2.52	24.9	91.7 - 131
1,2,3-Trichlorobenzene	50.0	41	82.7	2.77	21.4	75.9 - 130
1,2,3-Trichloropropane	50.0	43	86.8	8.85	28	77.1 - 140
1,2,4-Trichlorobenzene	50.0	41	82.2	3.21	22.5	69.8 - 135
1,2,4-Trimethylbenzene	50.0	40	79.8	1.30	33.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	48	96.0	6.70	23.3	66.6 - 143
1,2-Dibromoethane	50.0	45	90.4	0.177	19.1	79.8 - 136
1,2-Dichlorobenzene	50.0	41	81.5	1.26	23.2	79.9 - 130
1,2-Dichloroethane	50.0	55	111	4.67	19.1	85 - 133
1,2-Dichloropropane	50.0	42	84.7	0.307	19.9	81.1 - 132
1,3,5-Trimethylbenzene	50.0	42	83.0	0.337	31.2	76.1 - 121
1,3-Dichlorobenzene	50.0	42	83.1	2.29	22.6	79.1 - 124
1,3-Dichloropropane	50.0	43	86.5	1.54	20.9	83.3 - 130
1,4-Dichlorobenzene	50.0	40	79.9	1.06	21	79.4 - 128
2,2-Dichloropropane	50.0	52	104	0.290	24.5	54.2 - 126
2-Butanone	50.0	52	104	11.2	30	70 - 130
2-Chlorotoluene	50.0	40	80.9	1.79	30.8	60.2 - 144
4-Chlorotoluene	50.0	42	83.1	0.934	23.2	79.8 - 128
Acetone	50.0	42	84.3	23.4	30	70 - 130
Benzene	50.0	48	96.0	3.37	20.8	74.1 - 134
Bromobenzene	50.0	41	81.5	3.44	23	76.6 - 125
Bromochloromethane	50.0	55	110	4.88	18.4	85 - 133
Bromodichloromethane	50.0	48	96.3	0.897	18.1	80.8 - 143
Bromoform	50.0	45	90.7	3.94	27.3	65.8 - 164
Bromomethane	50.0	40	69.4	7.17	22.8	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-MSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	52	103	0.953	25.1	85.7 - 138
Chlorobenzene	50.0	45	90.5	0.110	21	79.9 - 129
Chloroethane	50.0	43	85.7	4.90	23.7	74.7 - 127
Chloroform	50.0	54	108	3.65	21.7	50.6 - 145
Chloromethane	50.0	27	54.9 *	6.31	21.4	64 - 111
cis-1,2-Dichloroethylene	50.0	50	100	2.70	20.2	75.5 - 129
cis-1,3-Dichloropropylene	50.0	45	90.3	0.243	19.8	74.3 - 128
Dibromochloromethane	50.0	50	99.3	3.42	20.8	76.8 - 150
Dibromomethane	50.0	56	113	0.517	20.4	83.3 - 140
Dichlorodifluoromethane	50.0	27	53.8	2.48	27.6	51 - 100
Ethyl Benzene	50.0	46	91.0	1.14	21.4	82.9 - 127
Hexachlorobutadiene	50.0	43	86.6	1.61	26	73 - 128
Isopropylbenzene	50.0	42	83.2	0.0481	26.7	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	53	105	10.3	21.2	81.2 - 134
Methylene chloride	50.0	43	75.3	6.86	21.2	57.8 - 103
Naphthalene	50.0	40	80.3	7.90	26.1	80.1 - 122
n-Butylbenzene	50.0	38	76.4	1.87	30.8	72.4 - 120
n-Propylbenzene	50.0	40	80.9	1.16	31	74 - 130
o-Xylene	50.0	45	90.3	0.133	21	78.8 - 122
p- & m- Xylenes	100	92	92.3	0.680	22.5	82.5 - 123
p-Isopropyltoluene	50.0	41	82.2	2.50	25.2	64.9 - 132
sec-Butylbenzene	50.0	41	82.5	1.75	25.2	25.4 - 151
Styrene	50.0	45	90.6	1.38	20	74.1 - 134
tert-Butylbenzene	50.0	42	84.8	0.828	24.8	79.5 - 171
Tetrachloroethylene	50.0	43	86.9	2.01	22.7	72.5 - 130
Toluene	50.0	44	88.0	0.476	21.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	48	96.5	1.86	20.1	83.8 - 140
trans-1,3-Dichloropropylene	50.0	46	92.6	1.57	22.5	74.9 - 136
Trichloroethylene	50.0	44	87.7	1.85	20.7	84.4 - 125
Trichlorofluoromethane	50.0	48	95.9	1.33	24.7	78.7 - 127
Vinyl Chloride	50.0	36	71.1 *	8.13	24.9	72.1 - 116
Vinyl acetate	50.0	45	89.9	11.3	30	70 - 130

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188570M.D Vial: 19
Acq On : 29 Apr 2013 8:20 pm Operator: SS
Sample : BD31338-MS1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	122383	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	692607	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	302189	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	203098	57.07	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.14%				
47) Toluene-d8(SURR)	7.14	98	716963	48.28	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.56%				
64) p-Bromofluorobenzene(SURR)	9.89	174	306269	50.14	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	269194	26.25	ppb		100
3) Chloromethane	1.73	50	175073	25.79	ppb		99
4) Vinyl Chloride	1.83	62	186969	32.79	ppb		99
5) Bromomethane	2.13	94	146382	37.20	ppb		98
6) Chloroethane	2.23	64	120971	40.79	ppb		99
7) Trichlorofluoromethane	2.47	101	545341	48.59	ppb		100
8) Ethyl Ether	2.74	59	120004	45.53	ppb		95
9) Freon-113	2.95	101	304508	49.29	ppb		99
10) 1,1-Dichloroethylene	2.95	61	381879	47.81	ppb		99
11) Acrolein	2.86	56	10687	49.74	ppb	#	80
12) Iodomethane	3.09	142	194950	46.00	ppb		100
13) Methyl Acetate	3.31	43	77451	55.77	ppb	#	98
14) tert-Butyl Alcohol (TBA)	3.51	59	270864	961.63	ppb		98
15) trans-1,2-Dichloroethylene	3.64	61	305879	47.34	ppb		98
16) Carbon Disulfide	3.15	76	1083807	87.40	ppb		100
17) Methylene Chloride	3.39	49	230225	40.35	ppb		96
18) Acrylonitrile	3.62	53	26897	42.98	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	454393	47.45	ppb		99
20) Acetone	3.01	43	45595	33.32	ppb		100
21) 1,1-Dichloroethane	4.03	63	376604	47.00	ppb		100
22) Vinyl Acetate	4.07	43	194146	40.12	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	299513	48.89	ppb	#	66
24) 2-Butanone	4.57	72	12404	46.29	ppb		99
25) 2,2-Dichloropropane	4.56	77	491439	51.69	ppb		100
26) Bromochloromethane	4.77	49	166894	52.21	ppb		96
27) Chloroform	4.84	83	586130	52.23	ppb		99
28) Tetrahydrofuran	4.83	71	10627	42.09	ppb	#	62
29) 1,1-Dichloropropylene	5.17	75	414522	47.07	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188570M.D
Acq On : 29 Apr 2013 8:20 pm
Sample : BD31338-MS1
Misc : QBV1042913A 938-15 MS1
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113

Vial: 19
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
30) 1,1,1-Trichloroethane	5.01	97	627596	53.63 ppb		100
31) Cyclohexane	5.07	56	305359	26.04 ppb	#	41
33) Carbon Tetrachloride	5.17	117	516863	51.17 ppb	#	92
34) 1,2-Dichloroethane	5.37	62	393934	52.90 ppb		100
35) Benzene	5.36	78	865765	46.39 ppb		99
37) Trichloroethylene	5.96	95	332674	44.65 ppb		99
38) Methyl Cyclohexane	6.15	83	393544	37.05 ppb	#	100
39) Dibromomethane	6.29	93	153768	55.99 ppb		99
40) Methyl Methacrylate	6.28	69	99557	40.88 ppb		99
41) Bromodichloromethane	6.43	83	431418	47.70 ppb		100
42) 1,2-Dichloropropane	6.18	63	199305	42.22 ppb		96
45) cis-1,3-Dichloropropene	6.88	75	408435	45.24 ppb	#	89
46) 2-Hexanone	7.87	43	100633	28.16 ppb		100
48) Toluene	7.21	91	1096176	44.23 ppb		100
49) trans-1,3-Dichloropropene	7.42	75	372080	45.58 ppb		100
50) 1,1,2-Trichloroethane	7.61	83	141896	42.18 ppb		97
51) 1,3-Dichloropropane	7.78	76	313609	42.58 ppb	#	100
52) Tetrachloroethylene	7.77	166	371669	44.31 ppb		100
53) 4-Methyl-2-Pentanone	7.02	43	142098	28.68 ppb	#	97
54) Dibromochloromethane	8.02	129	298097	47.96 ppb		100
55) 1,2-Dibromoethane	8.14	107	215079	45.29 ppb		99
56) Chlorobenzene	8.66	112	773205	45.28 ppb		98
57) Ethyl Benzene	8.77	91	1427734	46.03 ppb		100
58) p- & m-Xylenes	8.90	91	2196506	92.94 ppb		99
59) o-Xylene	9.32	91	1096843	45.20 ppb		100
60) Styrene	9.34	104	820194	45.92 ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	313290	47.32 ppb		98
63) Bromoform	9.54	173	162192	43.59 ppb	#	100
65) p-Ethyltoulene	10.30	105	1370484	41.24 ppb		98
66) p-Diethylbenzene	11.59	119	583245	33.35 ppb		86
67) 1,1,2,2-Tetrachloroethane	10.05	83	190755	38.47 ppb		100
68) 1,2,3-Trichloropropane	10.10	110	73740	39.73 ppb		97
69) Isopropylbenzene	9.72	105	1476459	41.58 ppb	#	91
70) 1,2-Dibromo-3-Chloropropan	12.51	75	46373	44.88 ppb		92
71) Bromobenzene	10.06	77	504950	39.39 ppb		97
72) trans-1,4-Dichloro-2-buten	10.10	75	240610m	39.01 ppb		
73) n-Propylbenzene	10.18	91	1642095	40.91 ppb		100
74) 2-Chlorotoluene	10.28	91	1112840	41.16 ppb		100
75) 4-Chlorotoluene	10.39	91	1119756	41.93 ppb		100
76) tert-Butylbenzene	10.74	119	1327920	42.07 ppb	#	99
77) 1,3,5-trimethylbenzene	10.38	105	1176444	41.64 ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188570M.D
Acq On : 29 Apr 2013 8:20 pm
Sample : BD31338-MS1
Misc : QBV1042913A 938-15 MS1
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113

Vial: 19
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

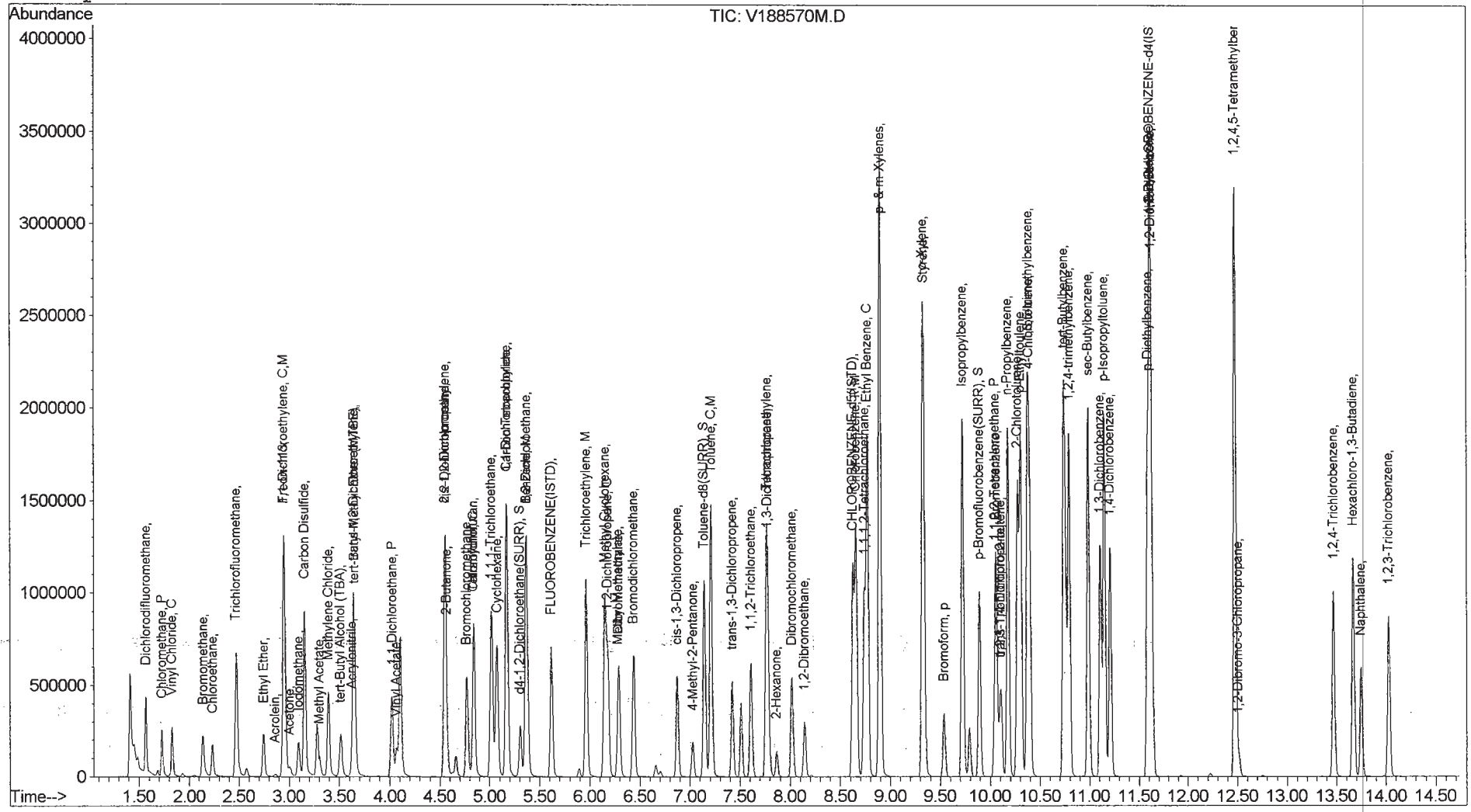
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78) 1,2,4-trimethylbenzene	10.79	105	1152746	40.41	ppb		100
79) sec-Butylbenzene	10.99	105	1555003	41.98	ppb		100
80) 1,3-Dichlorobenzene	11.11	146	576258	40.63	ppb	#	99
81) 1,4-Dichlorobenzene	11.21	146	554162	39.55	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	497987	40.25	ppb	#	85
83) p-Isopropyltoluene	11.15	119	1307951	42.12	ppb	#	100
84) n-Butylbenzene	11.61	91	1360356	38.93	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.48	119	1987046	75.56	ppb		100
86) 1,2,4-Trichlorobenzene	13.47	180	359882	39.79	ppb		98
87) Naphthalene	13.75	128	526518	37.08	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	261181	42.62	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.03	182	299932	40.23	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : K:\HPCHEM\1\DATA\V1042913\V188570M.D Vial: 19
Acq On : 29 Apr 2013 8:20 pm Operator: SS
Sample : BD31338-MS1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188571D.D Vial: 20
Acq On : 29 Apr 2013 8:59 pm Operator: SS
Sample : BD31338-MSD1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MSD1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	127422	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	744846	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	320405	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	213195	57.53	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 115.06%				
47) Toluene-d8(SURR)	7.15	98	765340	47.93	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.86%				
64) p-Bromofluorobenzene(SURR)	9.90	174	329402	50.86	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	287329	26.91	ppb		98
3) Chloromethane	1.73	50	194171	27.47	ppb		100
4) Vinyl Chloride	1.83	62	211194	35.57	ppb		99
5) Bromomethane	2.14	94	162271	39.60	ppb		98
6) Chloroethane	2.23	64	132291	42.84	ppb		99
7) Trichlorofluoromethane	2.47	101	560362	47.95	ppb		100
8) Ethyl Ether	2.74	59	137615	50.14	ppb		97
9) Freon-113	2.95	101	316520	49.20	ppb		98
10) 1,1-Dichloroethylene	2.95	61	389908	46.89	ppb		99
11) Acrolein	2.86	56	12545	56.08	ppb		87
12) Iodomethane	3.09	142	232163	52.61	ppb		100
13) Methyl Acetate	3.30	43	84029	58.12	ppb	#	98
14) tert-Butyl Alcohol (TBA)	3.52	59	311458	1062.02	ppb		97
15) trans-1,2-Dichloroethylene	3.64	61	324442	48.23	ppb		98
16) Carbon Disulfide	3.15	76	1154179	89.39	ppb		100
17) Methylene Chloride	3.39	49	254591	42.85	ppb		98
18) Acrylonitrile	3.62	53	30850	47.34	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	524420	52.59	ppb		99
20) Acetone	3.00	43	60037	42.14	ppb		99
21) 1,1-Dichloroethane	4.02	63	435007	52.15	ppb		100
22) Vinyl Acetate	4.07	43	226430	44.94	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	320374	50.23	ppb	#	100
24) 2-Butanone	4.57	72	14444	51.77	ppb		92
25) 2,2-Dichloropropane	4.55	77	513146	51.84	ppb		100
26) Bromochloromethane	4.77	49	182446	54.82	ppb		95
27) Chloroform	4.84	83	632901	54.17	ppb		99
28) Tetrahydrofuran	4.83	71	13848	52.67	ppb		97
29) 1,1-Dichloropropylene	5.17	75	442564	48.27	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188571D.D Vial: 20
Acq On : 29 Apr 2013 8:59 pm Operator: SS
Sample : BD31338-MSD1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MSD1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.02	97	660191	54.19	ppb		100
31) Cyclohexane	5.07	56	323088	26.46	ppb	#	46
33) Carbon Tetrachloride	5.17	117	543317	51.66	ppb		98
34) 1,2-Dichloroethane	5.38	62	429774	55.43	ppb		100
35) Benzene	5.36	78	932303	47.98	ppb	#	93
37) Trichloroethylene	5.96	95	351175	43.83	ppb		99
38) Methyl Cyclohexane	6.15	83	406251	35.57	ppb	#	100
39) Dibromomethane	6.29	93	166234	56.28	ppb		98
40) Methyl Methacrylate	6.28	69	115877	44.24	ppb		100
41) Bromodichloromethane	6.44	83	468084	48.13	ppb	#	97
42) 1,2-Dichloropropane	6.18	63	215002	42.35	ppb		95
43) 1,4-Dioxane	6.31	88	562	12.98	ppb	#	74
45) cis-1,3-Dichloropropene	6.87	75	438158	45.13	ppb		99
46) 2-Hexanone	7.86	43	114267	29.74	ppb		100
48) Toluene	7.21	91	1173243	44.02	ppb		99
49) trans-1,3-Dichloropropene	7.42	75	406479	46.30	ppb		100
50) 1,1,2-Trichloroethane	7.61	83	154486	42.70	ppb		98
51) 1,3-Dichloropropane	7.79	76	342497	43.24	ppb	#	86
52) Tetrachloroethylene	7.76	166	391696	43.43	ppb	#	76
53) 4-Methyl-2-Pentanone	7.03	43	158868	29.82	ppb	#	97
54) Dibromochloromethane	8.02	129	331740	49.63	ppb		100
55) 1,2-Dibromoethane	8.15	107	230894	45.21	ppb		99
56) Chlorobenzene	8.66	112	830525	45.23	ppb		99
57) Ethyl Benzene	8.77	91	1518024	45.51	ppb		100
58) p- & m-Xylenes	8.89	91	2346254	92.31	ppb		100
59) o-Xylene	9.32	91	1178174	45.14	ppb		100
60) Styrene	9.34	104	870000	45.29	ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	331446	46.55	ppb		98
63) Bromoform	9.54	173	178881	45.34	ppb	#	100
65) p-Ethyltoulene	10.30	105	1439457	40.85	ppb		98
66) p-Diethylbenzene	11.59	119	616700	33.26	ppb		88
67) 1,1,2,2-Tetrachloroethane	10.05	83	211813	40.29	ppb	#	69
68) 1,2,3-Trichloropropane	10.10	110	85440	43.41	ppb		94
69) Isopropylbenzene	9.73	105	1566176	41.60	ppb	#	91
70) 1,2-Dibromo-3-Chloropropan	12.51	75	52579	47.99	ppb		93
71) Bromobenzene	10.06	77	554163	40.77	ppb		97
72) trans-1,4-Dichloro-2-buten	10.10	75	264681m	40.48	ppb		
73) n-Propylbenzene	10.18	91	1721154	40.44	ppb		100
74) 2-Chlorotoluene	10.27	91	1158980	40.43	ppb		100
75) 4-Chlorotoluene	10.39	91	1176112	41.54	ppb		99
76) tert-Butylbenzene	10.74	119	1419955	42.42	ppb	#	100

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188571D.D Vial: 20
Acq On : 29 Apr 2013 8:59 pm Operator: SS
Sample : BD31338-MSD1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MSD1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

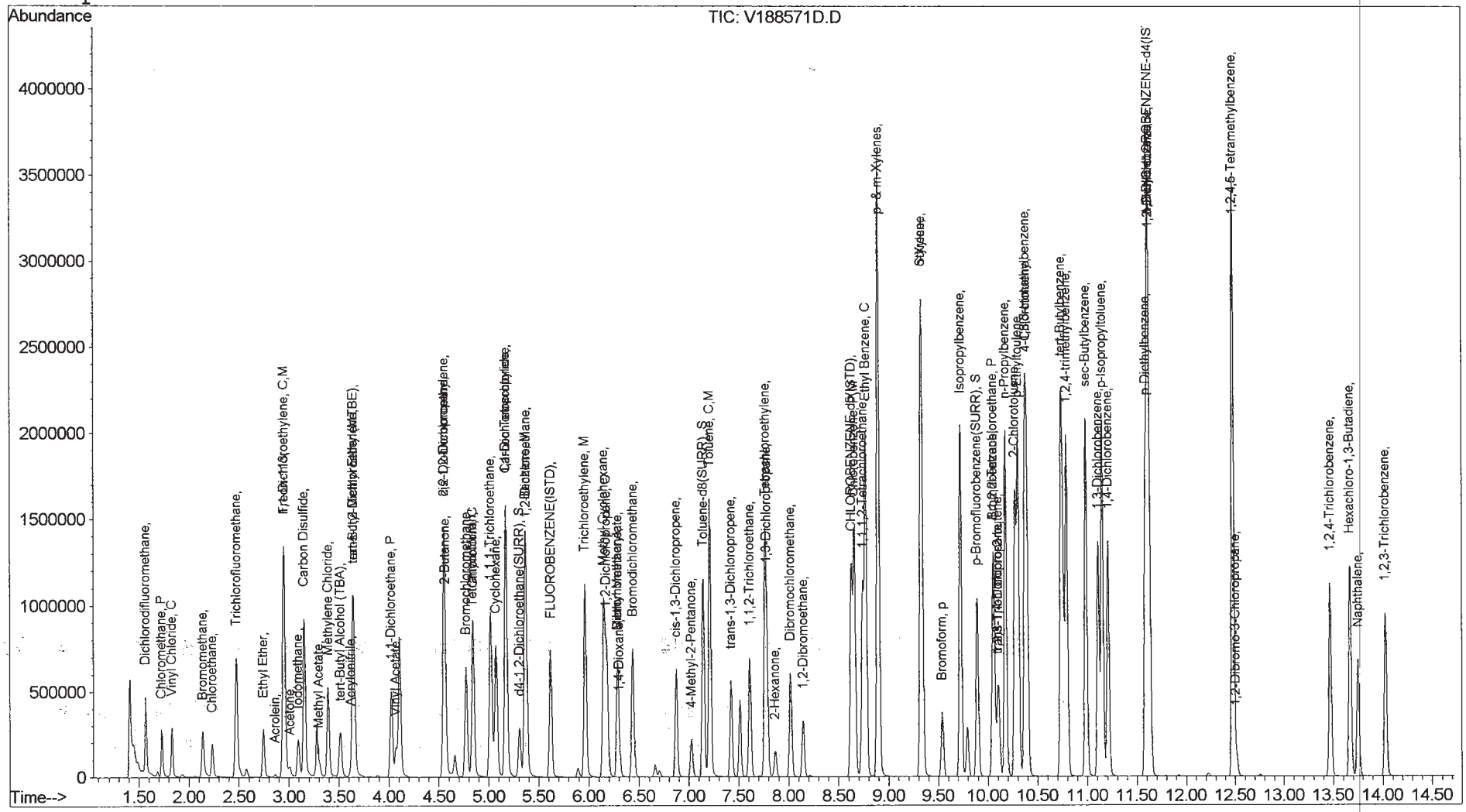
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77) 1,3,5-trimethylbenzene	10.37	105	1243066	41.50	ppb		99
78) 1,2,4-trimethylbenzene	10.79	105	1206379	39.89	ppb		100
79) sec-Butylbenzene	10.99	105	1620099	41.25	ppb		100
80) 1,3-Dichlorobenzene	11.11	146	625194	41.57	ppb	#	100
81) 1,4-Dichlorobenzene	11.21	146	593810	39.97	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	534659	40.76	ppb	#	85
83) p-Isopropyltoluene	11.15	119	1352735	41.08	ppb	#	100
84) n-Butylbenzene	11.62	91	1415448	38.21	ppb	#	86
85) 1,2,4,5-Tetramethylbenzene	12.48	119	2145174	76.94	ppb		100
86) 1,2,4-Trichlorobenzene	13.47	180	394022	41.09	ppb		96
87) Naphthalene	13.75	128	604156	40.13	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	281417	43.31	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.03	182	326944	41.36	ppb	#	96

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188571D.D Vial: 20
Acq On : 29 Apr 2013 8:59 pm Operator: SS
Sample : BD31338-MSD1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MSD1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



FORM V **ANALYSIS BATCH (SEQUENCE) SUMMARY**

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
LCS	BD31300-BS1	V188534L.D	04/26/13 21:33
LCS Dup	BD31300-BSD1	V188535U.D	04/26/13 22:12
Blank	BD31300-BLK1	V188536B.D	04/26/13 22:50
MW-1A	13D0938-01	V188537W.D	04/26/13 23:29
MW-1D	13D0938-04	V188540W.D	04/27/13 01:25
MW-2A	13D0938-05	V188541W.D	04/27/13 02:04
MW-2B	13D0938-06	V188542W.D	04/27/13 02:43
MW-2C	13D0938-07	V188543W.D	04/27/13 03:23
MW-3A	13D0938-08	V188544W.D	04/27/13 04:02
MW-3B	13D0938-09	V188545W.D	04/27/13 04:41
MW-3C	13D0938-10	V188546W.D	04/27/13 05:20
MW-4A	13D0938-11	V188547W.D	04/27/13 05:59
MW-4B	13D0938-12	V188548W.D	04/27/13 06:39
MW-4C	13D0938-13	V188549W.D	04/27/13 07:18
MW-5A	13D0938-14	V188550W.D	04/27/13 07:57
MW-1B	BD31300-MS1	V188551M.D	04/27/13 08:36
LCS	BD31338-BS1	V188555L.D	04/29/13 10:42
Blank	BD31338-BLK1	V188557B.D	04/29/13 12:00
MW-5D	13D0938-15	V188558W.D	04/29/13 12:38
MW-6A	13D0938-16	V188559W.D	04/29/13 13:17
MW-6D	13D0938-17	V188560W.D	04/29/13 13:56
MW-7A	13D0938-18	V188561W.D	04/29/13 14:34
MW-7D	13D0938-19	V188562W.D	04/29/13 15:13
FB-Field Blank	13D0938-20	V188563W.D	04/29/13 15:51
Trip Blanks	13D0938-21	V188564W.D	04/29/13 16:29
Field Duplicate	13D0938-22	V188565W.D	04/29/13 17:08
MW-1B	13D0938-02	V188567W.D	04/29/13 18:25
MW-1C	13D0938-03	V188568W.D	04/29/13 19:03
MW-5D	BD31338-MS1	V188570M.D	04/29/13 20:20
MW-5D	BD31338-MSD1	V188571D.D	04/29/13 20:59

HOLDING TIME SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-1A	04/23/13 17:30	04/25/13 15:35	04/26/13 14:25	2.87	14.00	04/26/13 23:29	0.38	14.00	
MW-1B	04/23/13 17:10	04/25/13 15:35	04/29/13 11:17	5.75	14.00	04/29/13 18:25	0.30	14.00	
MW-1C	04/23/13 16:45	04/25/13 15:35	04/29/13 11:17	5.77	14.00	04/29/13 19:03	0.32	14.00	
MW-1D	04/23/13 16:10	04/25/13 15:35	04/26/13 14:25	2.93	14.00	04/27/13 01:25	0.46	14.00	
MW-2A	04/23/13 18:50	04/25/13 15:35	04/26/13 14:25	2.82	14.00	04/27/13 02:04	0.49	14.00	
MW-2B	04/23/13 18:23	04/25/13 15:35	04/26/13 14:25	2.83	14.00	04/27/13 02:43	0.51	14.00	
MW-2C	04/23/13 18:45	04/25/13 15:35	04/26/13 14:25	2.82	14.00	04/27/13 03:23	0.54	14.00	
MW-3A	04/23/13 16:00	04/25/13 15:35	04/26/13 14:25	2.93	14.00	04/27/13 04:02	0.57	14.00	
MW-3B	04/23/13 15:50	04/25/13 15:35	04/26/13 14:25	2.94	14.00	04/27/13 04:41	0.59	14.00	
MW-3C	04/23/13 15:10	04/25/13 15:35	04/26/13 14:25	2.97	14.00	04/27/13 05:20	0.62	14.00	
MW-4A	04/23/13 20:00	04/25/13 15:35	04/26/13 14:25	2.77	14.00	04/27/13 05:59	0.65	14.00	
MW-4B	04/23/13 19:45	04/25/13 15:35	04/26/13 14:25	2.78	14.00	04/27/13 06:39	0.68	14.00	
MW-4C	04/23/13 19:35	04/25/13 15:35	04/26/13 14:25	2.78	14.00	04/27/13 07:18	0.70	14.00	
MW-5A	04/23/13 09:15	04/25/13 15:35	04/26/13 14:25	3.22	14.00	04/27/13 07:57	0.73	14.00	
MW-5D	04/23/13 10:15	04/25/13 15:35	04/29/13 10:36	6.01	14.00	04/29/13 12:38	0.08	14.00	
MW-6A	04/23/13 11:15	04/25/13 15:35	04/29/13 10:36	5.97	14.00	04/29/13 13:17	0.11	14.00	
MW-6D	04/23/13 11:20	04/25/13 15:35	04/29/13 10:36	5.97	14.00	04/29/13 13:56	0.14	14.00	
MW-7A	04/23/13 12:20	04/25/13 15:35	04/29/13 10:36	5.93	14.00	04/29/13 14:34	0.17	14.00	
MW-7D	04/23/13 12:15	04/25/13 15:35	04/29/13 10:36	5.93	14.00	04/29/13 15:13	0.19	14.00	
FB-Field Blank	04/23/13 09:00	04/25/13 15:35	04/29/13 10:36	6.07	14.00	04/29/13 15:51	0.22	14.00	
Trip Blanks	04/23/13 15:00	04/25/13 15:35	04/29/13 10:36	5.82	14.00	04/29/13 16:29	0.25	14.00	
Field Duplicate	04/23/13 15:00	04/25/13 15:35	04/29/13 10:36	5.82	14.00	04/29/13 17:08	0.27	14.00	

PREPARATION BENCH SHEET

BD31338

York Analytical Laboratories, Inc.

Printed: 4/30/2013 3:16:05PM

Matrix: Water **Prepared by: EPA 5030B** **Surrogate used: Y10A009**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	pH Data Initial	pH Data Acid	pH Data Basic	Decanted Y/N	Sample Comments
13D0924-01	Volatile Organics, CP-51 (fc	04/29/2013 10:1	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-01RE1	Volatile Organics, 8260 List	04/29/2013 11:1	KH	5	5				1		<2			From BD31300 by EKM
13D0938-02	Volatile Organics, 8260 List	04/29/2013 11:1	KH	5	5				1		<2			From BD31300 by EKM
13D0938-03	Volatile Organics, 8260 List	04/29/2013 11:1	KH	5	5				1		<2			From BD31300 by EKM
13D0938-15	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-15	Volatile Organics, CP-51 (fc	04/29/2013 08:3	EKM	5	5				1					Added for BatchQC in: E
13D0938-16	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-17	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-18	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-19	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-20	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-21	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-22	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
BD31338-BLK1	QC	04/29/2013 08:3	EKM	5	5				1					
BD31338-BS1	QC	04/29/2013 08:3	EKM	5	5	Y10A022		5	1					
BD31338-BS2	QC	04/29/2013 08:3	EKM	5	5	Y10A022		5	1					
BD31338-MS1	QC	04/29/2013 08:3	EKM	5	5	Y10A022	13D0938-15	5	1		<2			
BD31338-MSD1	QC	04/29/2013 08:3	EKM	5	5	Y10A022	13D0938-15	5	1		<2			

Batch Comments:

PREPARATION BENCH SHEET

BD31300

York Analytical Laboratories, Inc.

Printed: 4/29/2013 4:04:27PM

Matrix: Water **Prepared by: EPA 5030B** **Surrogate used: Y10A009**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	pH Data Initial	pH Data Acid	pH Data Basic	Decanted Y/N	Sample Comments
13D0938-01	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-02	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-03	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-04	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-05	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-06	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-07	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-08	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-09	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-10	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-11	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-12	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-13	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-14	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		5			
BD31300-BLK1	QC	04/26/2013 14:5	BK	5	5				1					
BD31300-BS1	QC	04/26/2013 14:5	BK	5	5	Y10A022		5	1					
BD31300-BSD1	QC	04/26/2013 14:5	BK	5	5	Y10A022		5	1					
BD31300-MS1	QC	04/26/2013 14:5	BK	5	5	Y10A022	13D0938-02	5	1		<2			

Batch Comments:

Injection Log

Directory: r:\msvoa1~1\dailydat\v1042613

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v188514c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042613A	26 Apr 13 08:43
2	2	v188515l.d	1.	BD31271-BS1	QBV1042613A	26 Apr 13 09:25
3	3	v188516u.d	1.	BD31271-BSD1	QBV1042613A	26 Apr 13 10:04
4	4	v188517b.d	1.	BD31271-BLK1	QBV1042613A	26 Apr 13 10:43
5	5	v188518s.d	1.	13D0887-01	QBV1042613A 8260(TCL)LOWLIST 2.27g	26 Apr 13 11:22
6	6	v188519s.d	1.	13D0887-02	QBV1042613A 8260(TCL)LOWLIST 3.37g	26 Apr 13 12:01
7	7	v188520s.d	1.	13D0880-24	QBV1042613A TCL 2.50g	26 Apr 13 12:39
8	8	v188521s.d	1.	13D0892-01	QBV1042613A RCP LIST 5.62g	26 Apr 13 13:17
9	9	v188522s.d	1.	13D0880-07	QBV1042613A TCL RE 4.11g	26 Apr 13 13:55
10	10	v188523s.d	100.	13D0875-02	QBV1042613A CP51 QA RE 100UL/5ML 5.00g	26 Apr 13 14:33
11	11	v188524s.d	1.	13D0915-07	QBV1042613A 8260(TCL)LOWLIST 4.97g	26 Apr 13 15:12
12	12	v188525s.d	1.	13D0915-08	QBV1042613A 8260(TCL)LOWLIST 4.60g	26 Apr 13 15:50
13	13	v188526s.d	1.	13D0915-09	QBV1042613A 8260(TCL)LOWLIST 4.71g	26 Apr 13 16:28
14	14	v188527s.d	1.	13D0915-10	QBV1042613A 8260(TCL)LOWLIST 5.04g	26 Apr 13 17:06
15	15	v188528s.d	1.	13D0915-11	QBV1042613A 8260(TCL)LOWLIST 5.67g	26 Apr 13 17:44
16	16	v188529s.d	1.	13D0915-12	QBV1042613A 8260(TCL)LOWLIST 4.90g	26 Apr 13 18:22
17	17	v188530m.d	1.	BD31271-MS1	QBV1042613A 915-07 MS1 2.50g	26 Apr 13 19:00
18	18	v188531b.d	1.	MBLK	QBV1042613B	26 Apr 13 19:38
19	19	v188532c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042613B	26 Apr 13 20:17
20	20	v188533c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042613B	26 Apr 13 20:55
21	21	v188534l.d	1.	BD31300-BS1	QBV1042613B	26 Apr 13 21:33
22	22	v188535u.d	1.	BD31300-BSD1	QBV1042613B	26 Apr 13 22:12
23	23	v188536b.d	1.	BD31300-BLK1	QBV1042613B	26 Apr 13 22:50
24	24	v188537w.d	1.	13D0938-01	QBV1042613B 8260 ASPB	26 Apr 13 23:29
25	25	v188538w.d	1.	13D0938-02	QBV1042613B 8260 ASPB	27 Apr 13 00:07
26	26	v188539w.d	1.	13D0938-03	QBV1042613B 8260 ASPB	27 Apr 13 00:46
27	27	v188540w.d	1.	13D0938-04	QBV1042613B 8260 ASPB	27 Apr 13 01:25
28	28	v188541w.d	1.	13D0938-05	QBV1042613B 8260 ASPB	27 Apr 13 02:04
29	29	v188542w.d	1.	13D0938-06	QBV1042613B 8260 ASPB	27 Apr 13 02:43
30	30	v188543w.d	1.	13D0938-07	QBV1042613B 8260 ASPB	27 Apr 13 03:23
31	31	v188544w.d	1.	13D0938-08	QBV1042613B 8260 ASPB	27 Apr 13 04:02
32	32	v188545w.d	1.	13D0938-09	QBV1042613B 8260 ASPB	27 Apr 13 04:41
33	33	v188546w.d	1.	13D0938-10	QBV1042613B 8260 ASPB	27 Apr 13 05:20
34	34	v188547w.d	1.	13D0938-11	QBV1042613B 8260 ASPB	27 Apr 13 05:59
35	35	v188548w.d	1.	13D0938-12	QBV1042613B 8260 ASPB	27 Apr 13 06:39
36	36	v188549w.d	1.	13D0938-13	QBV1042613B 8260 ASPB	27 Apr 13 07:18
37	37	v188550w.d	1.	13D0938-14	QBV1042613B 8260 ASPB	27 Apr 13 07:57
38	38	v188551m.d	1.	BD31300-MS1	QBV1042613B 938-02 MS1	27 Apr 13 08:36

Injection Log

Directory: k:\hpchem\1\data\v1042913

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v188552c.d	1.	100	QBV1042913A	29 Apr 13 08:36
2	2	v188553c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042913A	29 Apr 13 09:15
3	3	v188554c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042913A	29 Apr 13 10:03
4	4	v188555l.d	1.	BD31338-BS1	QBV1042913A	29 Apr 13 10:42
5	5	v188556u.d	1.	BD31338-BSD1	QBV1042913A	29 Apr 13 11:21
6	6	v188557b.d	1.	BD31338-BLK1	QBV1042913A	29 Apr 13 12:00
7	7	v188558w.d	1.	13D0938-15	QBV1042913A 8260 ASPB	29 Apr 13 12:38
8	8	v188559w.d	1.	13D0938-16	QBV1042913A 8260 ASPB	29 Apr 13 13:17
9	9	v188560w.d	1.	13D0938-17	QBV1042913A 8260 ASPB	29 Apr 13 13:56
10	10	v188561w.d	1.	13D0938-18	QBV1042913A 8260 ASPB	29 Apr 13 14:34
11	11	v188562w.d	1.	13D0938-19	QBV1042913A 8260 ASPB	29 Apr 13 15:13
12	12	v188563w.d	1.	13D0938-20	QBV1042913A 8260 ASPB	29 Apr 13 15:51
13	13	v188564w.d	1.	13D0938-21	QBV1042913A 8260 ASPB	29 Apr 13 16:29
14	14	v188565w.d	1.	13D0938-22	QBV1042913A 8260 ASPB	29 Apr 13 17:08
15	15	v188566w.d	20.	13D0938-01RE1	QBV1042913A 8260 ASPB RE 2.5ML/50ML	29 Apr 13 17:46
16	16	v188567w.d	1.	13D0938-02	QBV1042913A 8260 ASPB RE	29 Apr 13 18:25
17	17	v188568w.d	1.	13D0938-03	QBV1042913A 8260 ASPB RE	29 Apr 13 19:03
18	18	v188569w.d	1.	13D0924-01	QBV1042913A CP51	29 Apr 13 19:42
19	19	v188570m.d	1.	BD31338-MS1	QBV1042913A 938-15 MS1	29 Apr 13 20:20
20	20	v188571d.d	1.	BD31338-MSD1	QBV1042913A 938-15 MSD1	29 Apr 13 20:59
21	21	v188572b.d	1.	MBLK	QBV1042913B	29 Apr 13 21:37
22	22	v188573c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042913B	29 Apr 13 22:16
23	23	v188574c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042913B	29 Apr 13 22:54
24	24	v188575l.d	1.	BD31363-BS1	QBV1042913B	29 Apr 13 23:32
25	25	v188576u.d	1.	BD31363-BSD1	QBV1042913B	30 Apr 13 00:11
26	26	v188577b.d	1.	BD31363-BLK1	QBV1042913B	30 Apr 13 00:49
27	27	v188578s.d	1.	13D0947-01	QBV1042913B CP51 100UL/5ML 5.00g	30 Apr 13 01:28
28	28	v188579s.d	1.	13D0947-02	QBV1042913B CP51 100UL/5ML 5.00g	30 Apr 13 02:06
29	29	v188580s.d	1.	13D0947-03	QBV1042913B CP51 20UL/5ML 5.00g	30 Apr 13 02:45
30	30	v188581s.d	1.	13D0943-01	QBV1042913B CP51 2.51g	30 Apr 13 03:23
31	31	v188582s.d	1.	13D0975-01	QBV1042913B CP51 2.50g	30 Apr 13 04:02
32	32	v188583s.d	1.	13D0975-02	QBV1042913B CP51 2.50g	30 Apr 13 04:40
33	33	v188584s.d	1.	13D0978-01	QBV1042913B CP51 2.50g	30 Apr 13 05:19
34	34	v188585s.d	1.	13D0915-01	QBV1042913B 8260(TCL)LOW RE 100UL/5ML 4	30 Apr 13 05:57
35	35	v188586s.d	1.	13D0915-05	QBV1042913B 8260(TCL)LOW RE 100UL/5ML 4	30 Apr 13 06:36
36	36	v188587m.d	1.	BD31363-MS1	QBV1042913B 975-01 MS1 2.50g	30 Apr 13 07:15

York Analytical Laboratories, Inc.

SDG: 13D0938

CLASS: VOA

METHOD: EPA SW846-8260B

DATA PACKAGE COVER PAGE

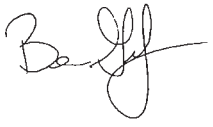
EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Client Sample Id:	Lab Sample Id:
MW-1A	13D0938-01
MW-1A	13D0938-01RE1
MW-1B	13D0938-02
MW-1C	13D0938-03
MW-1D	13D0938-04
MW-2A	13D0938-05
MW-2B	13D0938-06
MW-2C	13D0938-07
MW-3A	13D0938-08
MW-3B	13D0938-09
MW-3C	13D0938-10
MW-4A	13D0938-11
MW-4B	13D0938-12
MW-4C	13D0938-13
MW-5A	13D0938-14
MW-5D	13D0938-15
MW-6A	13D0938-16
MW-6D	13D0938-17
MW-7A	13D0938-18
MW-7D	13D0938-19
FB-Field Blank	13D0938-20
Trip Blanks	13D0938-21
Field Duplicate	13D0938-22

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 above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:  Name: Benjamin Gulizia

Date: 5/21/2013 Title: Laboratory Director

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BD31300-BS1)			Lab File ID: V188534L.D		Analyzed: 04/26/13 21:33			
1,2-Dichloroethane-d4	50.0	105	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	99.3	63.5 - 145	9.89				
Toluene-d8	50.0	97.7	81.2 - 127	7.14				
LCS Dup (BD31300-BSD1)			Lab File ID: V188535U.D		Analyzed: 04/26/13 22:12			
1,2-Dichloroethane-d4	50.0	105	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.89				
Toluene-d8	50.0	98.0	81.2 - 127	7.14				
Blank (BD31300-BLK1)			Lab File ID: V188536B.D		Analyzed: 04/26/13 22:50			
1,2-Dichloroethane-d4	50.0	102	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.88				
Toluene-d8	50.0	97.3	81.2 - 127	7.13				
MW-1A (13D0938-01)			Lab File ID: V188537W.D		Analyzed: 04/26/13 23:29			
1,2-Dichloroethane-d4	50.0	102	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.88				
Toluene-d8	50.0	96.9	81.2 - 127	7.13				
MW-1D (13D0938-04)			Lab File ID: V188540W.D		Analyzed: 04/27/13 01:25			
1,2-Dichloroethane-d4	50.0	109	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	97.8	63.5 - 145	9.88				
Toluene-d8	50.0	98.7	81.2 - 127	7.14				
MW-2A (13D0938-05)			Lab File ID: V188541W.D		Analyzed: 04/27/13 02:04			
1,2-Dichloroethane-d4	50.0	108	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.88				
Toluene-d8	50.0	98.1	81.2 - 127	7.13				
MW-2B (13D0938-06)			Lab File ID: V188542W.D		Analyzed: 04/27/13 02:43			
1,2-Dichloroethane-d4	50.0	110	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.88				
Toluene-d8	50.0	98.8	81.2 - 127	7.13				
MW-2C (13D0938-07)			Lab File ID: V188543W.D		Analyzed: 04/27/13 03:23			
1,2-Dichloroethane-d4	50.0	110	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	100	63.5 - 145	9.88				
Toluene-d8	50.0	96.7	81.2 - 127	7.13				

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-3A (13D0938-08)			Lab File ID: V188544W.D		Analyzed: 04/27/13 04:02			
1,2-Dichloroethane-d4	50.0	107	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	99.8	63.5 - 145	9.88				
Toluene-d8	50.0	95.9	81.2 - 127	7.13				
MW-3B (13D0938-09)			Lab File ID: V188545W.D		Analyzed: 04/27/13 04:41			
1,2-Dichloroethane-d4	50.0	106	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	103	63.5 - 145	9.89				
Toluene-d8	50.0	97.7	81.2 - 127	7.13				
MW-3C (13D0938-10)			Lab File ID: V188546W.D		Analyzed: 04/27/13 05:20			
1,2-Dichloroethane-d4	50.0	109	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.88				
Toluene-d8	50.0	96.8	81.2 - 127	7.13				
MW-4A (13D0938-11)			Lab File ID: V188547W.D		Analyzed: 04/27/13 05:59			
1,2-Dichloroethane-d4	50.0	111	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	98.2	63.5 - 145	9.89				
Toluene-d8	50.0	97.5	81.2 - 127	7.14				
MW-4B (13D0938-12)			Lab File ID: V188548W.D		Analyzed: 04/27/13 06:39			
1,2-Dichloroethane-d4	50.0	110	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.88				
Toluene-d8	50.0	96.5	81.2 - 127	7.13				
MW-4C (13D0938-13)			Lab File ID: V188549W.D		Analyzed: 04/27/13 07:18			
1,2-Dichloroethane-d4	50.0	109	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	98.8	63.5 - 145	9.88				
Toluene-d8	50.0	97.6	81.2 - 127	7.13				
MW-5A (13D0938-14)			Lab File ID: V188550W.D		Analyzed: 04/27/13 07:57			
1,2-Dichloroethane-d4	50.0	113	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	99.5	63.5 - 145	9.88				
Toluene-d8	50.0	95.3	81.2 - 127	7.13				
Matrix Spike (BD31300-MS1)			Lab File ID: V188551M.D		Analyzed: 04/27/13 08:36			
1,2-Dichloroethane-d4	50.0	116	72.6 - 129	5.29				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.88				
Toluene-d8	50.0	97.7	81.2 - 127	7.13				

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BD31338-BS1)			Lab File ID: V188555L.D		Analyzed: 04/29/13 10:42			
1,2-Dichloroethane-d4	50.0	113	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.89				
Toluene-d8	50.0	94.2	81.2 - 127	7.14				
Blank (BD31338-BLK1)			Lab File ID: V188557B.D		Analyzed: 04/29/13 12:00			
1,2-Dichloroethane-d4	50.0	112	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	99.1	63.5 - 145	9.89				
Toluene-d8	50.0	94.4	81.2 - 127	7.14				
MW-5D (13D0938-15)			Lab File ID: V188558W.D		Analyzed: 04/29/13 12:38			
1,2-Dichloroethane-d4	50.0	114	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	94.6	63.5 - 145	9.89				
Toluene-d8	50.0	94.2	81.2 - 127	7.14				
MW-6A (13D0938-16)			Lab File ID: V188559W.D		Analyzed: 04/29/13 13:17			
1,2-Dichloroethane-d4	50.0	113	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	98.7	63.5 - 145	9.89				
Toluene-d8	50.0	94.3	81.2 - 127	7.14				
MW-6D (13D0938-17)			Lab File ID: V188560W.D		Analyzed: 04/29/13 13:56			
1,2-Dichloroethane-d4	50.0	115	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	99.8	63.5 - 145	9.89				
Toluene-d8	50.0	94.0	81.2 - 127	7.14				
MW-7A (13D0938-18)			Lab File ID: V188561W.D		Analyzed: 04/29/13 14:34			
1,2-Dichloroethane-d4	50.0	111	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.89				
Toluene-d8	50.0	95.9	81.2 - 127	7.14				
MW-7D (13D0938-19)			Lab File ID: V188562W.D		Analyzed: 04/29/13 15:13			
1,2-Dichloroethane-d4	50.0	115	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	99.1	63.5 - 145	9.89				
Toluene-d8	50.0	94.8	81.2 - 127	7.14				
FB-Field Blank (13D0938-20)			Lab File ID: V188563W.D		Analyzed: 04/29/13 15:51			
1,2-Dichloroethane-d4	50.0	114	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.89				
Toluene-d8	50.0	95.5	81.2 - 127	7.14				

FORM II SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Matrix: Water Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Trip Blanks (13D0938-21)			Lab File ID: V188564W.D		Analyzed: 04/29/13 16:29			
1,2-Dichloroethane-d4	50.0	115	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	100	63.5 - 145	9.89				
Toluene-d8	50.0	96.6	81.2 - 127	7.14				
Field Duplicate (13D0938-22)			Lab File ID: V188565W.D		Analyzed: 04/29/13 17:08			
1,2-Dichloroethane-d4	50.0	118	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	101	63.5 - 145	9.9				
Toluene-d8	50.0	97.0	81.2 - 127	7.14				
MW-1B (13D0938-02)			Lab File ID: V188567W.D		Analyzed: 04/29/13 18:25			
1,2-Dichloroethane-d4	50.0	113	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	104	63.5 - 145	9.89				
Toluene-d8	50.0	94.8	81.2 - 127	7.14				
MW-1C (13D0938-03)			Lab File ID: V188568W.D		Analyzed: 04/29/13 19:03			
1,2-Dichloroethane-d4	50.0	121	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	100	63.5 - 145	9.9				
Toluene-d8	50.0	95.2	81.2 - 127	7.14				
Matrix Spike (BD31338-MS1)			Lab File ID: V188570M.D		Analyzed: 04/29/13 20:20			
1,2-Dichloroethane-d4	50.0	114	72.6 - 129	5.3				
p-Bromofluorobenzene	50.0	100	63.5 - 145	9.89				
Toluene-d8	50.0	96.6	81.2 - 127	7.14				
Matrix Spike Dup (BD31338-MSD1)			Lab File ID: V188571D.D		Analyzed: 04/29/13 20:59			
1,2-Dichloroethane-d4	50.0	115	72.6 - 129	5.31				
p-Bromofluorobenzene	50.0	102	63.5 - 145	9.9				
Toluene-d8	50.0	95.9	81.2 - 127	7.15				

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	46	91.4	82.3 - 130
1,1,1-Trichloroethane	50.0	52	104	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	43	86.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	50	100	71.1 - 129
1,1,2-Trichloroethane	50.0	44	87.4	74.5 - 129
1,1-Dichloroethane	50.0	59	118	79.6 - 132
1,1-Dichloroethylene	50.0	48	95.2	80.2 - 146
1,1-Dichloropropylene	50.0	49	98.6	75 - 136
1,2,3-Trichlorobenzene	50.0	43	86.1	66.1 - 136
1,2,3-Trichloropropane	50.0	46	91.6	63 - 131
1,2,4-Trichlorobenzene	50.0	42	84.4	70.6 - 136
1,2,4-Trimethylbenzene	50.0	43	85.5	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	50	101	58.9 - 140
1,2-Dibromoethane	50.0	46	91.3	79 - 130
1,2-Dichlorobenzene	50.0	42	85.0	76.1 - 122
1,2-Dichloroethane	50.0	52	104	74.6 - 132
1,2-Dichloropropane	50.0	46	92.2	76.9 - 129
1,3,5-Trimethylbenzene	50.0	43	86.8	70.6 - 127
1,3-Dichlorobenzene	50.0	44	87.4	77 - 124
1,3-Dichloropropane	50.0	44	88.9	75.8 - 126
1,4-Dichlorobenzene	50.0	43	85.9	76.6 - 125
2,2-Dichloropropane	50.0	52	104	69 - 133
2-Butanone	50.0	53	106	70 - 130
2-Chlorotoluene	50.0	43	86.4	66.3 - 119
4-Chlorotoluene	50.0	44	87.2	69.2 - 127
Acetone	50.0	41	82.2	70 - 130
Benzene	50.0	52	104	76.2 - 129
Bromobenzene	50.0	43	86.6	71.3 - 123
Bromochloromethane	50.0	56	113	70.8 - 137
Bromodichloromethane	50.0	46	92.4	79.7 - 134

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	47	93.8	70.5 - 141
Bromomethane	50.0	46	91.9	43.9 - 147
Carbon tetrachloride	50.0	52	104	78.1 - 138
Chlorobenzene	50.0	46	91.8	80.4 - 125
Chloroethane	50.0	51	102	55.8 - 140
Chloroform	50.0	50	100	76.6 - 133
Chloromethane	50.0	40	79.2	48.8 - 115
cis-1,2-Dichloroethylene	50.0	54	108	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	94.5	74.5 - 128
Dibromochloromethane	50.0	49	97.3	79.8 - 134
Dibromomethane	50.0	56	112	79 - 130
Dichlorodifluoromethane	50.0	52	104 *	47.1 - 101
Ethyl Benzene	50.0	46	93.0	80.8 - 128
Hexachlorobutadiene	50.0	44	87.5	64.8 - 128
Isopropylbenzene	50.0	44	88.8	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	58	116	65.1 - 140
Methylene chloride	50.0	41	81.8	61.3 - 120
Naphthalene	50.0	44	88.4	62.3 - 148
n-Butylbenzene	50.0	40	80.7	67.2 - 123
n-Propylbenzene	50.0	44	87.6	70.5 - 127
o-Xylene	50.0	45	89.3	75.9 - 122
p- & m- Xylenes	100	92	92.4	77.7 - 127
p-Isopropyltoluene	50.0	44	87.7	75.6 - 129
sec-Butylbenzene	50.0	45	89.5	71.5 - 125
Styrene	50.0	47	93.4	77.8 - 123
tert-Butylbenzene	50.0	44	88.1	75.9 - 151
Tetrachloroethylene	50.0	48	95.7	63.6 - 167
Toluene	50.0	46	92.4	77 - 123
trans-1,2-Dichloroethylene	50.0	56	112	76.3 - 139
trans-1,3-Dichloropropylene	50.0	46	92.4	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	46	91.0	77.9 - 130
Trichlorofluoromethane	50.0	47	93.8	57.4 - 133
Vinyl Chloride	50.0	48	96.1	54.9 - 124
Vinyl acetate	50.0	47	93.8	70 - 130

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47	93.7	2.49	21.1	82.3 - 130
1,1,1-Trichloroethane	50.0	52	103	0.828	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	43	86.2	0.139	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48	96.1	4.30	21.7	71.1 - 129
1,1,2-Trichloroethane	50.0	46	91.2	4.23	20.3	74.5 - 129
1,1-Dichloroethane	50.0	58	117	1.55	20.6	79.6 - 132
1,1-Dichloroethylene	50.0	46	92.5	2.90	20	80.2 - 146
1,1-Dichloropropylene	50.0	49	97.5	1.14	19.3	75 - 136
1,2,3-Trichlorobenzene	50.0	41	81.7	5.22	21.6	66.1 - 136
1,2,3-Trichloropropane	50.0	45	90.3	1.43	23.9	63 - 131
1,2,4-Trichlorobenzene	50.0	40	79.9	5.58	21.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	42	84.2	1.51	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	54	107	6.13	27.7	58.9 - 140
1,2-Dibromoethane	50.0	46	91.3	0.0438	23	79 - 130
1,2-Dichlorobenzene	50.0	43	85.4	0.446	19.8	76.1 - 122
1,2-Dichloroethane	50.0	51	103	1.39	20.2	74.6 - 132
1,2-Dichloropropane	50.0	47	93.6	1.46	20.7	76.9 - 129
1,3,5-Trimethylbenzene	50.0	44	87.2	0.437	18.9	70.6 - 127
1,3-Dichlorobenzene	50.0	43	85.2	2.50	19.2	77 - 124
1,3-Dichloropropane	50.0	46	91.4	2.73	22.1	75.8 - 126
1,4-Dichlorobenzene	50.0	42	84.9	1.26	18.6	76.6 - 125
2,2-Dichloropropane	50.0	52	104	0.846	19.8	69 - 133
2-Butanone	50.0	53	107	0.263	30	70 - 130
2-Chlorotoluene	50.0	43	85.1	1.49	21.6	66.3 - 119
4-Chlorotoluene	50.0	43	86.7	0.552	19	69.2 - 127
Acetone	50.0	37	74.3	10.1	30	70 - 130
Benzene	50.0	51	103	0.775	19	76.2 - 129
Bromobenzene	50.0	44	87.5	1.03	20.3	71.3 - 123
Bromochloromethane	50.0	55	109	2.85	23.9	70.8 - 137
Bromodichloromethane	50.0	47	94.8	2.65	21	79.7 - 134

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	50.0	47	94.0	0.234	21.8	70.5 - 141
Bromomethane	50.0	47	94.2	2.43	28.4	43.9 - 147
Carbon tetrachloride	50.0	50	101	2.74	20.1	78.1 - 138
Chlorobenzene	50.0	47	93.3	1.71	19.9	80.4 - 125
Chloroethane	50.0	49	98.8	2.85	23.3	55.8 - 140
Chloroform	50.0	51	102	1.56	20.3	76.6 - 133
Chloromethane	50.0	38	76.6	3.31	24.5	48.8 - 115
cis-1,2-Dichloroethylene	50.0	53	105	2.01	20.5	75.1 - 128
cis-1,3-Dichloropropylene	50.0	46	92.1	2.49	19.9	74.5 - 128
Dibromochloromethane	50.0	51	101	4.01	21.3	79.8 - 134
Dibromomethane	50.0	55	111	0.954	22.4	79 - 130
Dichlorodifluoromethane	50.0	51	103 *	1.45	23.9	47.1 - 101
Ethyl Benzene	50.0	46	92.3	0.669	19.2	80.8 - 128
Hexachlorobutadiene	50.0	42	83.8	4.34	20.6	64.8 - 128
Isopropylbenzene	50.0	44	88.2	0.723	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	57	113	2.62	23.6	65.1 - 140
Methylene chloride	50.0	40	80.0	2.25	20.4	61.3 - 120
Naphthalene	50.0	44	87.3	1.16	27.1	62.3 - 148
n-Butylbenzene	50.0	40	79.6	1.42	19.1	67.2 - 123
n-Propylbenzene	50.0	43	86.2	1.59	23.4	70.5 - 127
o-Xylene	50.0	45	90.8	1.67	19.3	75.9 - 122
p- & m- Xylenes	100	91	91.5	1.01	18.6	77.7 - 127
p-Isopropyltoluene	50.0	43	86.0	1.93	19.1	75.6 - 129
sec-Butylbenzene	50.0	44	88.6	0.943	18.9	71.5 - 125
Styrene	50.0	47	94.0	0.726	20.9	77.8 - 123
tert-Butylbenzene	50.0	44	88.0	0.204	20.9	75.9 - 151
Tetrachloroethylene	50.0	48	95.3	0.503	27.7	63.6 - 167
Toluene	50.0	47	93.1	0.755	18.7	77 - 123
trans-1,2-Dichloroethylene	50.0	54	108	3.94	19.5	76.3 - 139
trans-1,3-Dichloropropylene	50.0	46	91.7	0.804	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichloroethylene	50.0	45	90.8	0.264	20.5	77.9 - 130
Trichlorofluoromethane	50.0	46	91.2	2.90	21.4	57.4 - 133
Vinyl Chloride	50.0	46	92.3	4.10	22.3	54.9 - 124
Vinyl acetate	50.0	47	94.9	1.10	30	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	48	96.7	82.3 - 130
1,1,1-Trichloroethane	50.0	55	110	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	42	83.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	52	104	71.1 - 129
1,1,2-Trichloroethane	50.0	44	87.9	74.5 - 129
1,1-Dichloroethane	50.0	59	118	79.6 - 132
1,1-Dichloroethylene	50.0	50	99.7	80.2 - 146
1,1-Dichloropropylene	50.0	50	100	75 - 136
1,2,3-Trichlorobenzene	50.0	44	88.5	66.1 - 136
1,2,3-Trichloropropane	50.0	43	86.5	63 - 131
1,2,4-Trichlorobenzene	50.0	44	88.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	44	87.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	50	100	58.9 - 140
1,2-Dibromoethane	50.0	46	92.5	79 - 130
1,2-Dichlorobenzene	50.0	44	88.2	76.1 - 122
1,2-Dichloroethane	50.0	55	110	74.6 - 132
1,2-Dichloropropane	50.0	45	90.9	76.9 - 129
1,3,5-Trimethylbenzene	50.0	45	90.6	70.6 - 127
1,3-Dichlorobenzene	50.0	45	91.0	77 - 124
1,3-Dichloropropane	50.0	44	88.0	75.8 - 126
1,4-Dichlorobenzene	50.0	45	89.8	76.6 - 125
2,2-Dichloropropane	50.0	57	114	69 - 133
2-Butanone	50.0	56	112	70 - 130
2-Chlorotoluene	50.0	43	86.3	66.3 - 119
4-Chlorotoluene	50.0	45	90.0	69.2 - 127
Acetone	50.0	41	81.1	70 - 130
Benzene	50.0	51	102	76.2 - 129
Bromobenzene	50.0	43	86.2	71.3 - 123
Bromochloromethane	50.0	57	113	70.8 - 137
Bromodichloromethane	50.0	47	94.0	79.7 - 134

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	49	98.5	70.5 - 141
Bromomethane	50.0	49	98.9	43.9 - 147
Carbon tetrachloride	50.0	55	110	78.1 - 138
Chlorobenzene	50.0	48	95.3	80.4 - 125
Chloroethane	50.0	51	102	55.8 - 140
Chloroform	50.0	52	105	76.6 - 133
Chloromethane	50.0	39	77.7	48.8 - 115
cis-1,2-Dichloroethylene	50.0	54	108	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	93.6	74.5 - 128
Dibromochloromethane	50.0	51	102	79.8 - 134
Dibromomethane	50.0	56	111	79 - 130
Dichlorodifluoromethane	50.0	51	103 *	47.1 - 101
Ethyl Benzene	50.0	47	94.0	80.8 - 128
Hexachlorobutadiene	50.0	45	90.8	64.8 - 128
Isopropylbenzene	50.0	45	89.7	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	58	115	65.1 - 140
Methylene chloride	50.0	43	85.7	61.3 - 120
Naphthalene	50.0	43	86.8	62.3 - 148
n-Butylbenzene	50.0	42	83.5	67.2 - 123
n-Propylbenzene	50.0	44	87.1	70.5 - 127
o-Xylene	50.0	46	91.5	75.9 - 122
p- & m- Xylenes	100	94	93.7	77.7 - 127
p-Isopropyltoluene	50.0	46	91.2	75.6 - 129
sec-Butylbenzene	50.0	45	89.2	71.5 - 125
Styrene	50.0	48	95.6	77.8 - 123
tert-Butylbenzene	50.0	45	90.7	75.9 - 151
Tetrachloroethylene	50.0	46	92.4	63.6 - 167
Toluene	50.0	45	90.6	77 - 123
trans-1,2-Dichloroethylene	50.0	55	110	76.3 - 139
trans-1,3-Dichloropropylene	50.0	48	95.4	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	47	93.3	77.9 - 130
Trichlorofluoromethane	50.0	50	99.8	57.4 - 133
Vinyl Chloride	50.0	46	92.8	54.9 - 124
Vinyl acetate	50.0	48	95.7	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-1B

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31300
Laboratory ID: BD31300-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-1B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	48	96.3	82 - 138
1,1,1-Trichloroethane	50.0	0.98	58	114	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	48	96.3	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	53	106	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	46	92.5	82.5 - 129
1,1-Dichloroethane	50.0	ND	60	119	81.4 - 137
1,1-Dichloroethylene	50.0	ND	51	102	90 - 138
1,1-Dichloropropylene	50.0	ND	51	103	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	42	84.8	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	49	97.6	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	39	78.6	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	42	84.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	53	106	66.6 - 143
1,2-Dibromoethane	50.0	ND	49	97.6	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	44	88.1	79.9 - 130
1,2-Dichloroethane	50.0	ND	58	116	85 - 133
1,2-Dichloropropane	50.0	ND	45	90.4	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	44	87.8	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	43	86.8	79.1 - 124
1,3-Dichloropropane	50.0	ND	48	95.2	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	42	84.3	79.4 - 128
2,2-Dichloropropane	50.0	ND	49	97.6	54.2 - 126
2-Butanone	50.0	ND	58	116	70 - 130
2-Chlorotoluene	50.0	ND	44	87.7	60.2 - 144
4-Chlorotoluene	50.0	ND	44	88.4	79.8 - 128
Acetone	50.0	ND	43	86.6	70 - 130
Benzene	50.0	ND	51	102	74.1 - 134
Bromobenzene	50.0	ND	45	89.6	76.6 - 125
Bromochloromethane	50.0	ND	58	116	85 - 133
Bromodichloromethane	50.0	ND	50	99.3	80.8 - 143
Bromoform	50.0	ND	52	103	65.8 - 164
Bromomethane	50.0	ND	42	84.2	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31300
Laboratory ID: BD31300-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-1B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	55	111	85.7 - 138
Chlorobenzene	50.0	ND	47	94.4	79.9 - 129
Chloroethane	50.0	ND	51	102	74.7 - 127
Chloroform	50.0	ND	54	107	50.6 - 145
Chloromethane	50.0	ND	37	74.8	64 - 111
cis-1,2-Dichloroethylene	50.0	1.2	56	109	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	46	91.8	74.3 - 128
Dibromochloromethane	50.0	ND	52	104	76.8 - 150
Dibromomethane	50.0	ND	60	120	83.3 - 140
Dichlorodifluoromethane	50.0	ND	54	107 *	51 - 100
Ethyl Benzene	50.0	ND	47	94.6	82.9 - 127
Hexachlorobutadiene	50.0	ND	44	87.0	73 - 128
Isopropylbenzene	50.0	ND	45	90.9	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	55	110	81.2 - 134
Methylene chloride	50.0	2.6	43	81.3	57.8 - 103
Naphthalene	50.0	ND	44	87.7	80.1 - 122
n-Butylbenzene	50.0	ND	40	79.6	72.4 - 120
n-Propylbenzene	50.0	ND	44	87.9	74 - 130
o-Xylene	50.0	ND	46	92.2	78.8 - 122
p- & m- Xylenes	100	ND	94	93.9	82.5 - 123
p-Isopropyltoluene	50.0	ND	44	89.0	64.9 - 132
sec-Butylbenzene	50.0	ND	45	89.6	25.4 - 151
Styrene	50.0	ND	46	92.4	74.1 - 134
tert-Butylbenzene	50.0	ND	46	91.4	79.5 - 171
Tetrachloroethylene	50.0	18	59	83.1	72.5 - 130
Toluene	50.0	ND	46	92.6	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	50	101	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	46	91.5	74.9 - 136
Trichloroethylene	50.0	4.0	51	94.6	84.4 - 125
Trichlorofluoromethane	50.0	ND	51	102	78.7 - 127
Vinyl Chloride	50.0	ND	49	98.8	72.1 - 116
Vinyl acetate	50.0	ND	41	82.1	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	47	94.6	82 - 138
1,1,1-Trichloroethane	50.0	ND	54	107	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	38	76.9 *	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	49	98.6	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	42	84.4	82.5 - 129
1,1-Dichloroethane	50.0	ND	47	94.0	81.4 - 137
1,1-Dichloroethylene	50.0	ND	48	95.6	90 - 138
1,1-Dichloropropylene	50.0	ND	47	94.1	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	40	80.5	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	40	79.5	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	40	79.6	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	40	80.8	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	45	89.8	66.6 - 143
1,2-Dibromoethane	50.0	ND	45	90.6	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	40	80.5	79.9 - 130
1,2-Dichloroethane	50.0	ND	53	106	85 - 133
1,2-Dichloropropane	50.0	ND	42	84.4	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	42	83.3	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	41	81.3	79.1 - 124
1,3-Dichloropropane	50.0	ND	43	85.2	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	40	79.1 *	79.4 - 128
2,2-Dichloropropane	50.0	ND	52	103	54.2 - 126
2-Butanone	50.0	ND	46	92.6	70 - 130
2-Chlorotoluene	50.0	ND	41	82.3	60.2 - 144
4-Chlorotoluene	50.0	ND	42	83.9	79.8 - 128
Acetone	50.0	ND	33	66.6 *	70 - 130
Benzene	50.0	ND	46	92.8	74.1 - 134
Bromobenzene	50.0	ND	39	78.8	76.6 - 125
Bromochloromethane	50.0	ND	52	104	85 - 133
Bromodichloromethane	50.0	ND	48	95.4	80.8 - 143
Bromoform	50.0	ND	44	87.2	65.8 - 164
Bromomethane	50.0	4.9	37	64.6 *	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	51	102	85.7 - 138
Chlorobenzene	50.0	ND	45	90.6	79.9 - 129
Chloroethane	50.0	ND	41	81.6	74.7 - 127
Chloroform	50.0	ND	52	104	50.6 - 145
Chloromethane	50.0	ND	26	51.6 *	64 - 111
cis-1,2-Dichloroethylene	50.0	ND	49	97.8	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	45	90.5	74.3 - 128
Dibromochloromethane	50.0	ND	48	95.9	76.8 - 150
Dibromomethane	50.0	ND	56	112	83.3 - 140
Dichlorodifluoromethane	50.0	ND	26	52.5	51 - 100
Ethyl Benzene	50.0	ND	46	92.1	82.9 - 127
Hexachlorobutadiene	50.0	ND	43	85.2	73 - 128
Isopropylbenzene	50.0	ND	42	83.2	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	47	94.9	81.2 - 134
Methylene chloride	50.0	5.2	40	70.3	57.8 - 103
Naphthalene	50.0	ND	37	74.2 *	80.1 - 122
n-Butylbenzene	50.0	ND	39	77.9	72.4 - 120
n-Propylbenzene	50.0	ND	41	81.8	74 - 130
o-Xylene	50.0	ND	45	90.4	78.8 - 122
p- & m- Xylenes	100	ND	93	92.9	82.5 - 123
p-Isopropyltoluene	50.0	ND	42	84.2	64.9 - 132
sec-Butylbenzene	50.0	ND	42	84.0	25.4 - 151
Styrene	50.0	ND	46	91.8	74.1 - 134
tert-Butylbenzene	50.0	ND	42	84.1	79.5 - 171
Tetrachloroethylene	50.0	ND	44	88.6	72.5 - 130
Toluene	50.0	ND	44	88.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	47	94.7	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	46	91.2	74.9 - 136
Trichloroethylene	50.0	ND	45	89.3	84.4 - 125
Trichlorofluoromethane	50.0	ND	49	97.2	78.7 - 127
Vinyl Chloride	50.0	ND	33	65.6 *	72.1 - 116
Vinyl acetate	50.0	ND	40	80.2	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MS1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47	93.1	1.64	21.3	82 - 138
1,1,1-Trichloroethane	50.0	54	108	1.04	22.6	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	40	80.6	4.62	23.1	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49	98.4	0.183	25.6	74.8 - 131
1,1,2-Trichloroethane	50.0	43	85.4	1.23	19.3	82.5 - 129
1,1-Dichloroethane	50.0	52	104	10.4	20.7	81.4 - 137
1,1-Dichloroethylene	50.0	47	93.8	1.94	22.9	90 - 138
1,1-Dichloropropylene	50.0	48	96.5	2.52	24.9	91.7 - 131
1,2,3-Trichlorobenzene	50.0	41	82.7	2.77	21.4	75.9 - 130
1,2,3-Trichloropropane	50.0	43	86.8	8.85	28	77.1 - 140
1,2,4-Trichlorobenzene	50.0	41	82.2	3.21	22.5	69.8 - 135
1,2,4-Trimethylbenzene	50.0	40	79.8	1.30	33.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	48	96.0	6.70	23.3	66.6 - 143
1,2-Dibromoethane	50.0	45	90.4	0.177	19.1	79.8 - 136
1,2-Dichlorobenzene	50.0	41	81.5	1.26	23.2	79.9 - 130
1,2-Dichloroethane	50.0	55	111	4.67	19.1	85 - 133
1,2-Dichloropropane	50.0	42	84.7	0.307	19.9	81.1 - 132
1,3,5-Trimethylbenzene	50.0	42	83.0	0.337	31.2	76.1 - 121
1,3-Dichlorobenzene	50.0	42	83.1	2.29	22.6	79.1 - 124
1,3-Dichloropropane	50.0	43	86.5	1.54	20.9	83.3 - 130
1,4-Dichlorobenzene	50.0	40	79.9	1.06	21	79.4 - 128
2,2-Dichloropropane	50.0	52	104	0.290	24.5	54.2 - 126
2-Butanone	50.0	52	104	11.2	30	70 - 130
2-Chlorotoluene	50.0	40	80.9	1.79	30.8	60.2 - 144
4-Chlorotoluene	50.0	42	83.1	0.934	23.2	79.8 - 128
Acetone	50.0	42	84.3	23.4	30	70 - 130
Benzene	50.0	48	96.0	3.37	20.8	74.1 - 134
Bromobenzene	50.0	41	81.5	3.44	23	76.6 - 125
Bromochloromethane	50.0	55	110	4.88	18.4	85 - 133
Bromodichloromethane	50.0	48	96.3	0.897	18.1	80.8 - 143
Bromoform	50.0	45	90.7	3.94	27.3	65.8 - 164
Bromomethane	50.0	40	69.4	7.17	22.8	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938
Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe
Matrix: Water
Batch: BD31338
Laboratory ID: BD31338-MSD1
Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL
Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	52	103	0.953	25.1	85.7 - 138
Chlorobenzene	50.0	45	90.5	0.110	21	79.9 - 129
Chloroethane	50.0	43	85.7	4.90	23.7	74.7 - 127
Chloroform	50.0	54	108	3.65	21.7	50.6 - 145
Chloromethane	50.0	27	54.9 *	6.31	21.4	64 - 111
cis-1,2-Dichloroethylene	50.0	50	100	2.70	20.2	75.5 - 129
cis-1,3-Dichloropropylene	50.0	45	90.3	0.243	19.8	74.3 - 128
Dibromochloromethane	50.0	50	99.3	3.42	20.8	76.8 - 150
Dibromomethane	50.0	56	113	0.517	20.4	83.3 - 140
Dichlorodifluoromethane	50.0	27	53.8	2.48	27.6	51 - 100
Ethyl Benzene	50.0	46	91.0	1.14	21.4	82.9 - 127
Hexachlorobutadiene	50.0	43	86.6	1.61	26	73 - 128
Isopropylbenzene	50.0	42	83.2	0.0481	26.7	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	53	105	10.3	21.2	81.2 - 134
Methylene chloride	50.0	43	75.3	6.86	21.2	57.8 - 103
Naphthalene	50.0	40	80.3	7.90	26.1	80.1 - 122
n-Butylbenzene	50.0	38	76.4	1.87	30.8	72.4 - 120
n-Propylbenzene	50.0	40	80.9	1.16	31	74 - 130
o-Xylene	50.0	45	90.3	0.133	21	78.8 - 122
p- & m- Xylenes	100	92	92.3	0.680	22.5	82.5 - 123
p-Isopropyltoluene	50.0	41	82.2	2.50	25.2	64.9 - 132
sec-Butylbenzene	50.0	41	82.5	1.75	25.2	25.4 - 151
Styrene	50.0	45	90.6	1.38	20	74.1 - 134
tert-Butylbenzene	50.0	42	84.8	0.828	24.8	79.5 - 171
Tetrachloroethylene	50.0	43	86.9	2.01	22.7	72.5 - 130
Toluene	50.0	44	88.0	0.476	21.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	48	96.5	1.86	20.1	83.8 - 140
trans-1,3-Dichloropropylene	50.0	46	92.6	1.57	22.5	74.9 - 136
Trichloroethylene	50.0	44	87.7	1.85	20.7	84.4 - 125
Trichlorofluoromethane	50.0	48	95.9	1.33	24.7	78.7 - 127
Vinyl Chloride	50.0	36	71.1 *	8.13	24.9	72.1 - 116
Vinyl acetate	50.0	45	89.9	11.3	30	70 - 130

FORM IV

PREPARATION BATCH SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Batch: BD31300 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-1A	13D0938-01	V188537W.D	04/26/13 14:25	
MW-1A	13D0938-01	V188566W.D	04/26/13 14:25	
MW-1D	13D0938-04	V188540W.D	04/26/13 14:25	
MW-2A	13D0938-05	V188541W.D	04/26/13 14:25	
MW-2B	13D0938-06	V188542W.D	04/26/13 14:25	
MW-2C	13D0938-07	V188543W.D	04/26/13 14:25	
MW-3A	13D0938-08	V188544W.D	04/26/13 14:25	
MW-3B	13D0938-09	V188545W.D	04/26/13 14:25	
MW-3C	13D0938-10	V188546W.D	04/26/13 14:25	
MW-4A	13D0938-11	V188547W.D	04/26/13 14:25	
MW-4B	13D0938-12	V188548W.D	04/26/13 14:25	
MW-4C	13D0938-13	V188549W.D	04/26/13 14:25	
MW-5A	13D0938-14	V188550W.D	04/26/13 14:25	
Blank	BD31300-BLK1	V188536B.D	04/26/13 14:53	
LCS	BD31300-BS1	V188534L.D	04/26/13 14:53	
LCS Dup	BD31300-BSD1	V188535U.D	04/26/13 14:53	
MW-1B	BD31300-MS1	V188551M.D	04/26/13 14:53	

FORM IV

PREPARATION BATCH SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Batch: BD31338 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-1B	13D0938-02	V188567W.D	04/29/13 11:17	From BD31300 by EKM on 04/29/2013
MW-1C	13D0938-03	V188568W.D	04/29/13 11:17	From BD31300 by EKM on 04/29/2013
MW-5D	13D0938-15	V188558W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
MW-6A	13D0938-16	V188559W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
MW-6D	13D0938-17	V188560W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
MW-7A	13D0938-18	V188561W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
MW-7D	13D0938-19	V188562W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
FB-Field Blank	13D0938-20	V188563W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
Trip Blanks	13D0938-21	V188564W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
Field Duplicate	13D0938-22	V188565W.D	04/29/13 10:36	From BD31322 by EKM on 04/29/2013
Blank	BD31338-BLK1	V188557B.D	04/29/13 08:30	
LCS	BD31338-BS1	V188555L.D	04/29/13 08:30	
MW-5D	BD31338-MS1	V188570M.D	04/29/13 08:30	
MW-5D	BD31338-MSD1	V188571D.D	04/29/13 08:30	

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Lab File ID: V188256B.D
Instrument ID: VOA No. 1
Calibration: V1C00360

SDG: 13D0938
Project: Deluxe
BFB Injection Date: 04/17/13
BFB InjectionTime: 15:46

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	19.0	
75	30.0-60.0% of mass 95	44.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.3	
173	Less than 2.0% of mass 174	0.0	(76.9) 1
174	50.0-100.0% of mass 95	76.9	
175	5.0-9.0% of mass 174	7.2	(76.9) 1
176	94.0-101.0% of mass 174	95.2	(76.9) 1
177	5.0-9.0% of mass 176	6.8	(95.2) 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
1		5 ppb VOA CALIBRATION STD	V188257C.D	04/17/13	16:25
2		10 ppb VOA CALIBRATION STD	V188258C.D	04/17/13	17:03
3		20 ppb VOA CALIBRATION STD	V188259C.D	04/17/13	17:41
4		50 ppb VOA CALIBRATION STD	V188260C.D	04/17/13	18:20
5		100 ppb VOA CALIBRATION STD	V188261C.D	04/17/13	18:58
6		200 ppb VOA CALIBRATION STD	V188262C.D	04/17/13	19:37
7		50 ppb VOA ICV STD	V188264C.D	04/17/13	20:53
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Lab File ID: V188533C.D
Instrument ID: VOA No. 1
Calibration: V1C00360

SDG: 13D0938
Project: Deluxe
BFB Injection Date: 04/26/13
BFB InjectionTime: 20:55

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	19.7	
75	30.0-60.0% of mass 95	43.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	5.9	
173	Less than 2.0% of mass 174	0.0	(79.0) 1
174	50.0-100.0% of mass 95	79.0	
175	5.0-9.0% of mass 174	7.6	(79.0) 1
176	94.0-101.0% of mass 174	98.3	(79.0) 1
177	5.0-9.0% of mass 176	6.8	(98.3) 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
1		BD31300-BS1	V188534L.D	04/26/13	21:33
2		BD31300-BSD1	V188535U.D	04/26/13	22:12
3		BD31300-BLK1	V188536B.D	04/26/13	22:50
4	MW-1A	13D0938-01	V188537W.D	04/26/13	23:29
5	MW-1D	13D0938-04	V188540W.D	04/27/13	01:25
6	MW-2A	13D0938-05	V188541W.D	04/27/13	02:04
7	MW-2B	13D0938-06	V188542W.D	04/27/13	02:43
8	MW-2C	13D0938-07	V188543W.D	04/27/13	03:23
9	MW-3A	13D0938-08	V188544W.D	04/27/13	04:02
10	MW-3B	13D0938-09	V188545W.D	04/27/13	04:41
11	MW-3C	13D0938-10	V188543W.D	04/27/13	05:20
12	MW-4A	13D0938-11	V188547W.D	04/27/13	05:59
13	MW-4B	13D0938-12	V188548W.D	04/27/13	06:39
14	MW-4C	13D0938-13	V188549W.D	04/27/13	07:18
15	MW-5A	13D0938-14	V188550W.D	04/27/13	07:57
16	MW-1B MS	13D0938-02 MS	V188551M.W	04/27/13	08:36
17					
18					
19					
20					
21					
22					

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Lab File ID: V188554C.D
Instrument ID: VOA No. 1
Calibration: V1C00360

SDG: 13D0938
Project: Deluxe
BFB Injection Date: 04/29/13
BFB InjectionTime: 10:03

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	20.4	
75	30.0-60.0% of mass 95	43.9	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.2	
173	Less than 2.0% of mass 174	0.0	(78.6) 1
174	50.0-100.0% of mass 95	78.6	
175	5.0-9.0% of mass 174	6.7	(78.6) 1
176	94.0-101.0% of mass 174	100.5	(78.6) 1
177	5.0-9.0% of mass 176	6.3	(100.5) 2

1- Value is % mass 174

2-Value is % mass 176

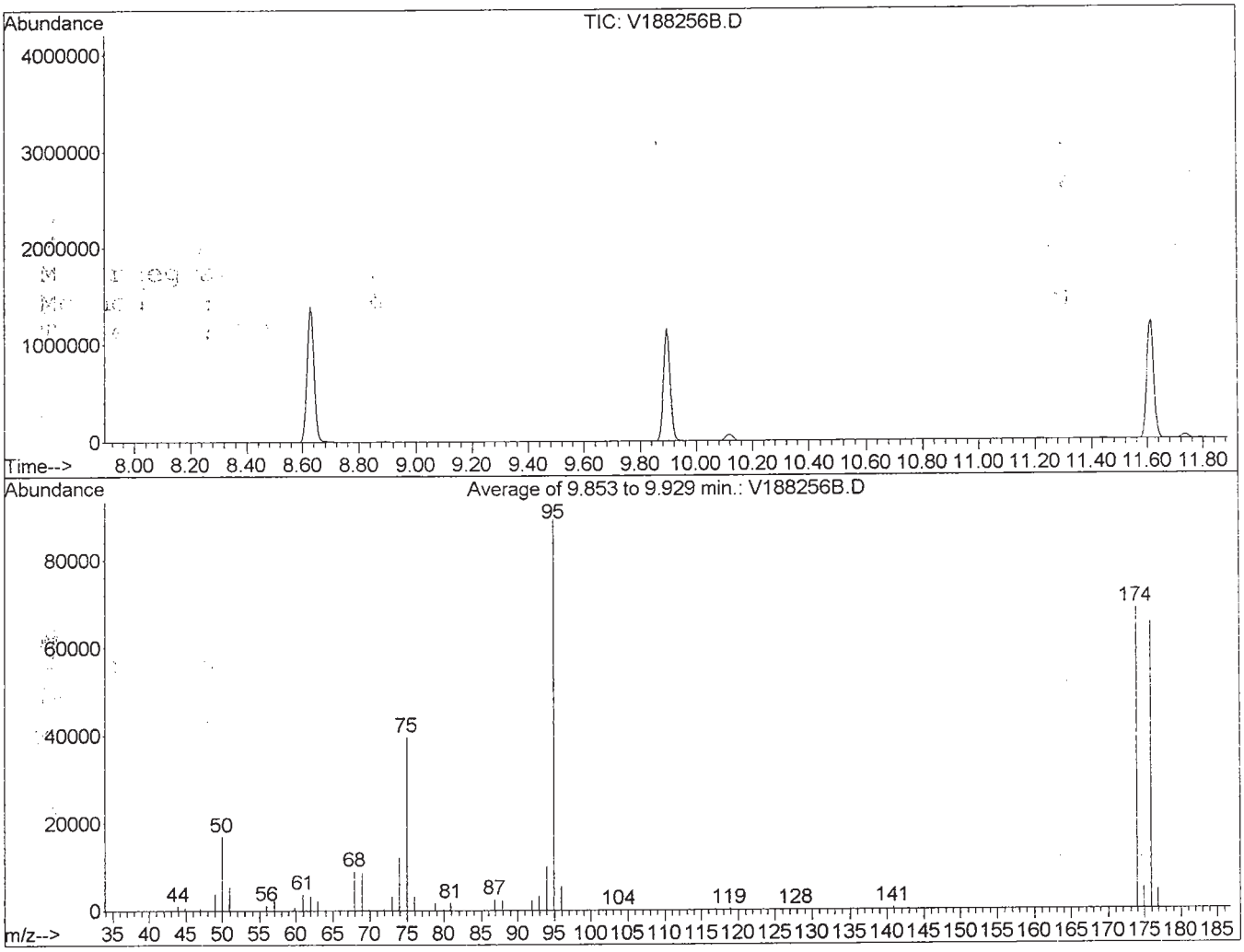
This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		BD31338-BS1	V188555L.D	04/29/13	10:42
2		BD31338-BLK1	V188557B.D	04/29/13	12:00
3	MW-5D	13D0938-15	V188558W.D	04/29/13	12:38
4	MW-6A	13D0938-16	V188559W.D	04/29/13	13:17
5	MW-6D	13D0938-17	V188560W.D	04/29/13	13:56
6	MW-7A	13D0938-18	V188561W.D	04/29/13	14:34
7	MW-7D	13D0938-19	V188562W.D	04/29/13	15:13
8	FB-Field Blank	13D0938-20	V188563W.D	04/29/13	15:51
9	Trip Blanks	13D0938-21	V188564W.D	04/29/13	16:29
10	Field Duplicate	13D0938-22	V188565W.D	04/29/13	17:08
11	MW-1A (10X)	13D0938-01 (10X)	V188566W.D	04/29/13	17:46
12	MW-1B	13D0938-02	V188567W.D	04/29/13	18:25
13	MW-1C	13D0938-03	V188568W.D	04/29/13	19:03
14	MW-5D MS	13D0938-15 MS	V188570M.D	04/29/13	20:20
15	MW-5D MSD	13D0938-15 MSD	V188571D.D	04/29/13	20:59
16					
17					
18					
19					
20					
21					
22					

BFB

Data File : C:\HPCHEM\1\DATA\V1041713\V188256B.D
Acq On : 17 Apr 2013 3:46 pm
Sample : MBLK
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260

Vial: 5
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

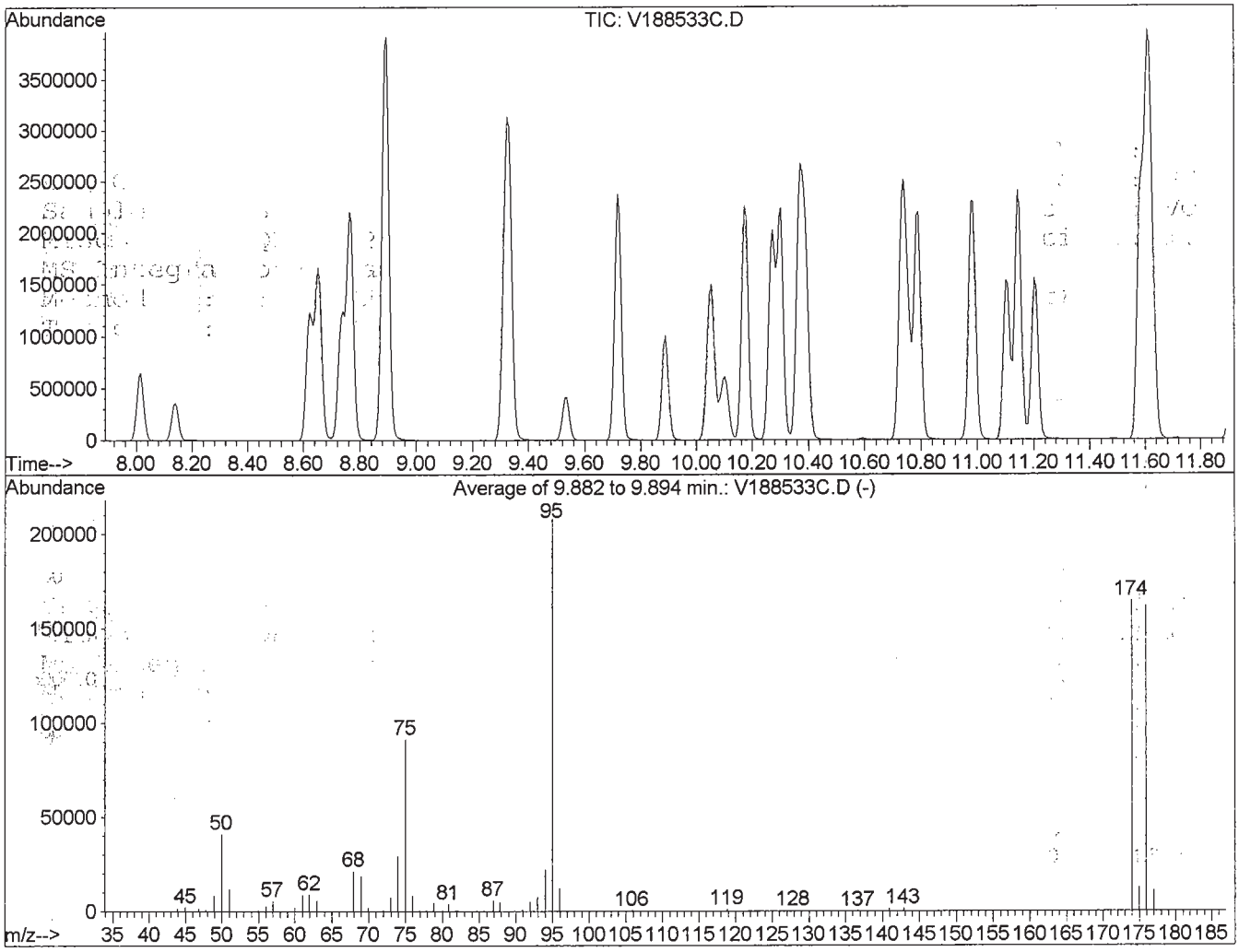


Spectrum Information: Average of 9.853 to 9.929 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	16989	PASS
75	95	30	60	44.5	39698	PASS
95	95	100	100	100.0	89192	PASS
96	95	5	9	6.3	5605	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.9	68566	PASS
175	174	5	9	7.2	4930	PASS
176	174	94	101	95.2	65302	PASS
177	176	5	9	6.8	4451	PASS

BFB

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260



Spectrum Information: Average of 9.882 to 9.894 min.

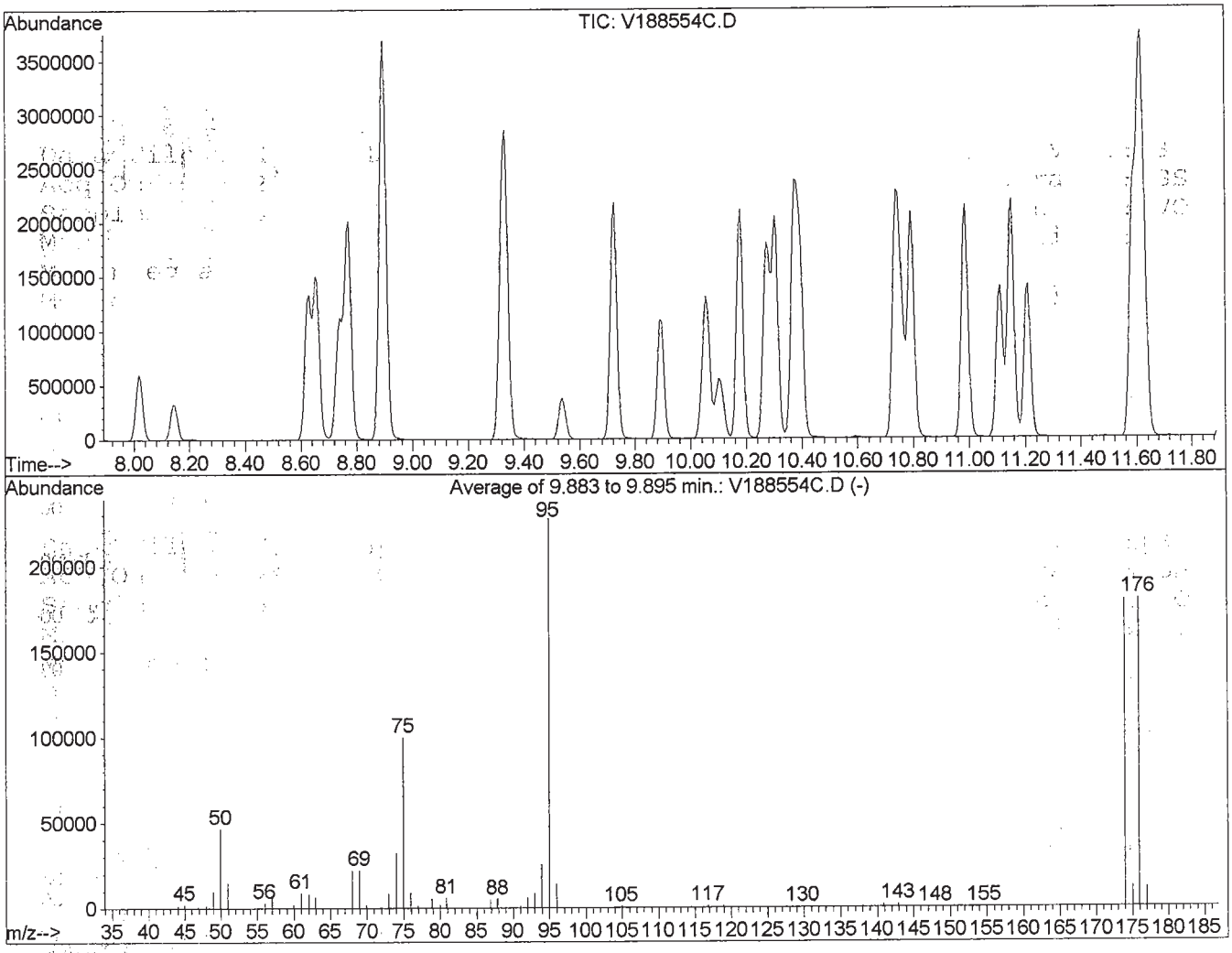
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	41045	PASS
75	95	30	60	43.8	91208	PASS
95	95	100	100	100.0	208149	PASS
96	95	5	9	5.9	12207	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.0	164523	PASS
175	174	5	9	7.6	12536	PASS
176	174	94	101	98.3	161749	PASS
177	176	5	9	6.8	11058	PASS

V188533C.D V1C00360.M Mon Apr 29 16:12:28 2013

BFB

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D
Acq On : 29 Apr 2013 10:03 am
Sample : 50 ppb VOA CAL CHECK STD
Misc : QBV1042913A
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260

Vial: 3
Operator: SS
Inst : VOA No.1
Multiplr: 1.00



Spectrum Information: Average of 9.883 to 9.895 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.4	46624	PASS
75	95	30	60	43.9	100088	PASS
95	95	100	100	100.0	228203	PASS
96	95	5	9	6.2	14259	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.6	179477	PASS
175	174	5	9	6.7	12096	PASS
176	174	94	101	100.5	180309	PASS
177	176	5	9	6.3	11356	PASS

Form 8A

Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Sequence: QBV1042613B
Calibration: V1C00360
Lab File ID: V188533C.D

SDG: 13D0938
Project: Deluxe
Instrument: VOA No. 1
Date Analyzed: 04/26/13
Time Analyzed: 20:55

	IS 1 (FBZ) Area	RT	IS 2 (CBZ) Area	RT	IS 3 (DCB) Area	RT
12 Hour Std	130880	5.62	737609	8.62	306203	11.60
Upper Limit	261760	6.12	1475218	9.12	612406	12.10
Lower Limit	65440	5.12	368805	8.12	153102	11.10
Client Sample ID						
BD31300-BS1	135427	5.61	765696	8.62	309414	11.60
BD31300-BSD1	141825	5.61	792719	8.62	322528	11.60
BD31300-BLK1	120990	5.61	673782	8.62	268283	11.60
MW-1A	117733	5.61	658435	8.62	266461	11.60
MW-1D	116238	5.60	648071	8.61	271228	11.60
MW-2A	124458	5.61	687411	8.62	281025	11.60
MW-2B	120929	5.61	687128	8.62	287076	11.60
MW-2C	127158	5.61	739765	8.62	306738	11.60
MW-3A	121677	5.61	673175	8.62	277365	11.60
MW-3B	129668	5.61	719072	8.62	298989	11.60
MW-3C	118794	5.61	675363	8.62	276112	11.60
MW-4A	119305	5.61	672519	8.62	279546	11.60
MW-4B	118691	5.61	661904	8.62	270293	11.60
MW-4C	120352	5.61	670959	8.62	282944	11.60
MW-5A	113057	5.61	648884	8.62	274383	11.60
MW-1B MS	119758	5.61	693556	8.62	282057	11.60

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

Area Upper Limit +100% of internal standard area
Area Lower Limit -50% of internal standard area
RT Upper Limit +0.50 minutes of internal standard RT
RT Upper Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

Form 8A

Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Sequence: QBV1042913A
Calibration: V1C00360
Lab File ID: V188554C.D

SDG: 13D0938
Project: Deluxe
Instrument: VOA No. 1
Date Analyzed: 04/29/13
Time Analyzed: 10:03

	IS 1 (FBZ)		IS 2 (CBZ)		IS 3 (DCB)	
	Area	RT	Area	RT	Area	RT
12 Hour Std	138081	5.62	806186	8.63	333060	11.61
Upper Limit	276162	6.12	1612372	9.13	666120	12.11
Lower Limit	69041	5.12	403093	8.13	166530	11.11
Client Sample ID						
BD31338-BS1	129342	5.61	743770	8.62	309390	11.61
BD31338-BLK1	129050	5.62	761774	8.63	328655	11.61
MW-5D	113343	5.62	645617	8.63	285127	11.61
MW-6A	125547	5.61	728058	8.62	312239	11.61
MW-6D	129432	5.61	742840	8.63	309688	11.61
MW-7A	135904	5.62	775047	8.63	321199	11.61
MW-7D	110567	5.62	651395	8.63	275275	11.61
FB-Field Blank	125705	5.62	728928	8.63	309505	11.61
Trip Blanks	118497	5.62	696529	8.63	296794	11.61
Field Duplicate	107456	5.62	610499	8.63	259500	11.61
MW-1A (10X)	124701	5.62	715678	8.63	298155	11.61
MW-1B	121499	5.62	697708	8.63	292865	11.61
MW-1C	119137	5.62	714402	8.63	303974	11.61
MW-5D MS	122383	5.62	692607	8.63	302189	11.61
MW-5D MSD	127422	5.61	744846	8.63	320405	11.61

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

Area Upper Limit +100% of internal standard area
Area Lower Limit -50% of internal standard area
RT Upper Limit +0.50 minutes of internal standard RT
RT Upper Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 13D0938

Client: Leggette Brashears & Graham White Plains Office **Project:** Deluxe

Matrix: Water **Instrument:**

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	2.5	5.0	ug/L
1,1,1-Trichloroethane	2.5	5.0	ug/L
1,1,2,2-Tetrachloroethane	2.5	5.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	2.5	5.0	ug/L
1,1,2-Trichloroethane	2.5	5.0	ug/L
1,1-Dichloroethane	2.5	5.0	ug/L
1,1-Dichloroethylene	2.5	5.0	ug/L
1,1-Dichloropropylene	2.5	5.0	ug/L
1,2,3-Trichlorobenzene	2.5	5.0	ug/L
1,2,3-Trichloropropane	2.5	5.0	ug/L
1,2,4-Trichlorobenzene	2.5	5.0	ug/L
1,2,4-Trimethylbenzene	2.5	5.0	ug/L
1,2-Dibromo-3-chloropropane	2.5	5.0	ug/L
1,2-Dibromoethane	2.5	5.0	ug/L
1,2-Dichlorobenzene	2.5	5.0	ug/L
1,2-Dichloroethane	2.5	5.0	ug/L
1,2-Dichloropropane	2.5	5.0	ug/L
1,3,5-Trimethylbenzene	2.5	5.0	ug/L
1,3-Dichlorobenzene	2.5	5.0	ug/L
1,3-Dichloropropane	2.5	5.0	ug/L
1,4-Dichlorobenzene	2.5	5.0	ug/L
2,2-Dichloropropane	2.5	5.0	ug/L
2-Butanone	2.5	5.0	ug/L
2-Chlorotoluene	2.5	5.0	ug/L
4-Chlorotoluene	2.5	5.0	ug/L
Acetone	2.5	5.0	ug/L
Benzene	2.5	5.0	ug/L
Bromobenzene	2.5	5.0	ug/L
Bromochloromethane	2.5	5.0	ug/L
Bromodichloromethane	2.5	5.0	ug/L
Bromoform	2.5	5.0	ug/L
Bromomethane	2.5	5.0	ug/L
Carbon tetrachloride	2.5	5.0	ug/L
Chlorobenzene	2.5	5.0	ug/L
Chloroethane	2.5	5.0	ug/L
Chloroform	2.5	5.0	ug/L
Chloromethane	2.5	5.0	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 13D0938

Client: Leggette Brashears & Graham White Plains Office **Project:** Deluxe

Matrix: Water **Instrument:**

Analyte	LOD	LOQ	Units
cis-1,2-Dichloroethylene	2.5	5.0	ug/L
cis-1,3-Dichloropropylene	2.5	5.0	ug/L
Dibromochloromethane	2.5	5.0	ug/L
Dibromomethane	2.5	5.0	ug/L
Dichlorodifluoromethane	2.5	5.0	ug/L
Ethyl Benzene	2.5	5.0	ug/L
Hexachlorobutadiene	2.5	5.0	ug/L
Isopropylbenzene	2.5	5.0	ug/L
Methyl tert-butyl ether (MTBE)	2.5	5.0	ug/L
Methylene chloride	2.5	5.0	ug/L
Naphthalene	2.5	5.0	ug/L
n-Butylbenzene	2.5	5.0	ug/L
n-Propylbenzene	2.5	5.0	ug/L
o-Xylene	2.5	5.0	ug/L
p- & m- Xylenes	5.0	10	ug/L
p-Isopropyltoluene	2.5	5.0	ug/L
sec-Butylbenzene	2.5	5.0	ug/L
Styrene	2.5	5.0	ug/L
tert-Butylbenzene	2.5	5.0	ug/L
Tetrachloroethylene	2.5	5.0	ug/L
Toluene	2.5	5.0	ug/L
trans-1,2-Dichloroethylene	2.5	5.0	ug/L
trans-1,3-Dichloropropylene	2.5	5.0	ug/L
Trichloroethylene	2.5	5.0	ug/L
Trichlorofluoromethane	2.5	5.0	ug/L
Vinyl Chloride	2.5	5.0	ug/L
Xylenes, Total	7.5	15	ug/L
Vinyl acetate	2.5	5.0	ug/L

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-01 File ID: V188537W.D

Sampled: 04/23/13 17:30 Prepared: 04/26/13 14:25 Analyzed: 04/26/13 23:29

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	2.5	J
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	40	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-01 File ID: V188537W.D

Sampled: 04/23/13 17:30 Prepared: 04/26/13 14:25 Analyzed: 04/26/13 23:29

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	20	740	D
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	20	300	D
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	50.9	102	72.6 - 129	
p-Bromofluorobenzene	50.0	50.5	101	63.5 - 145	
Toluene-d8	50.0	48.5	96.9	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188537W.D Vial: 24
Acq On : 26 Apr 2013 11:29 pm Operator: SS
Sample : 13D0938-01 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:01 2013 Quant Results File: V1C00360.RES

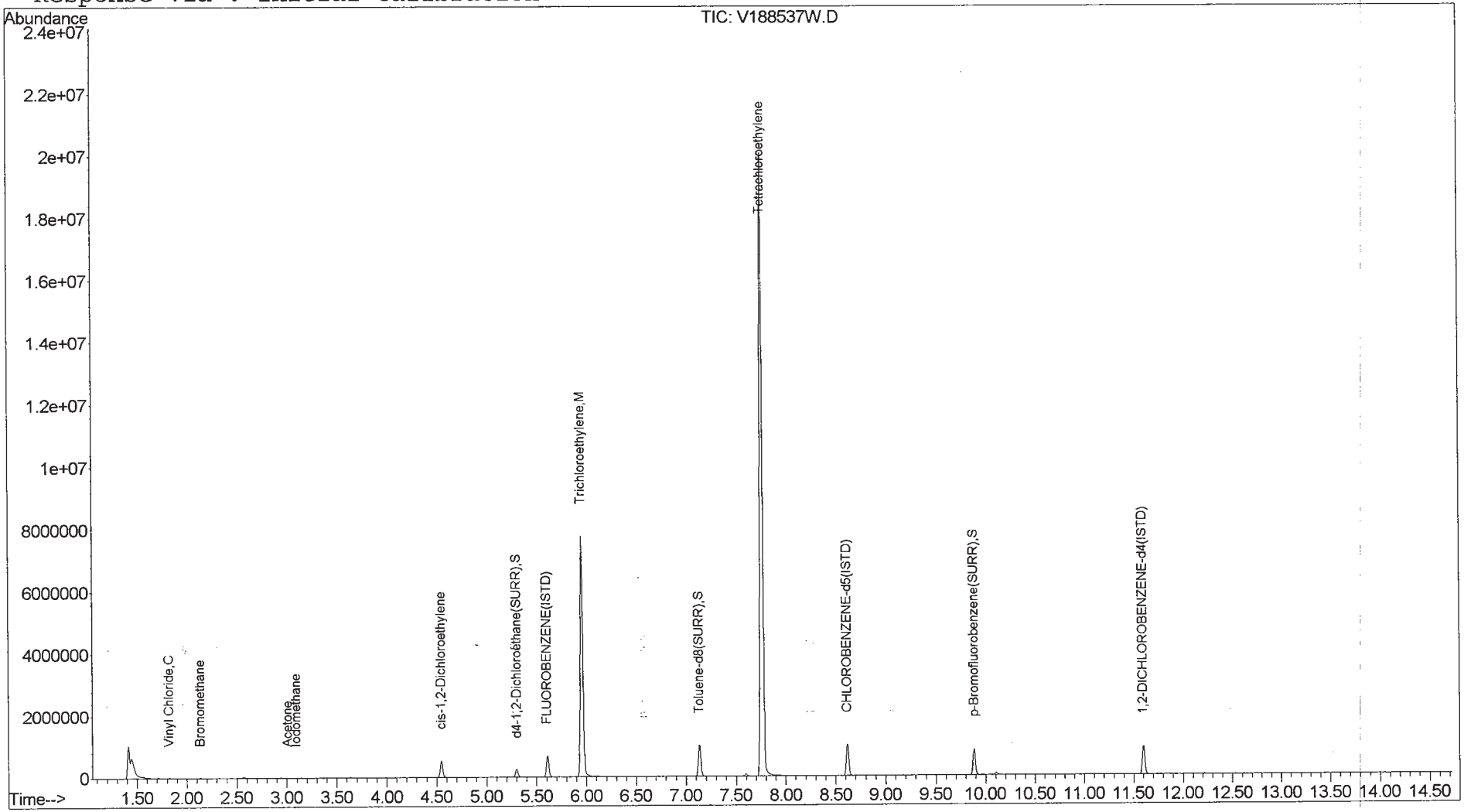
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

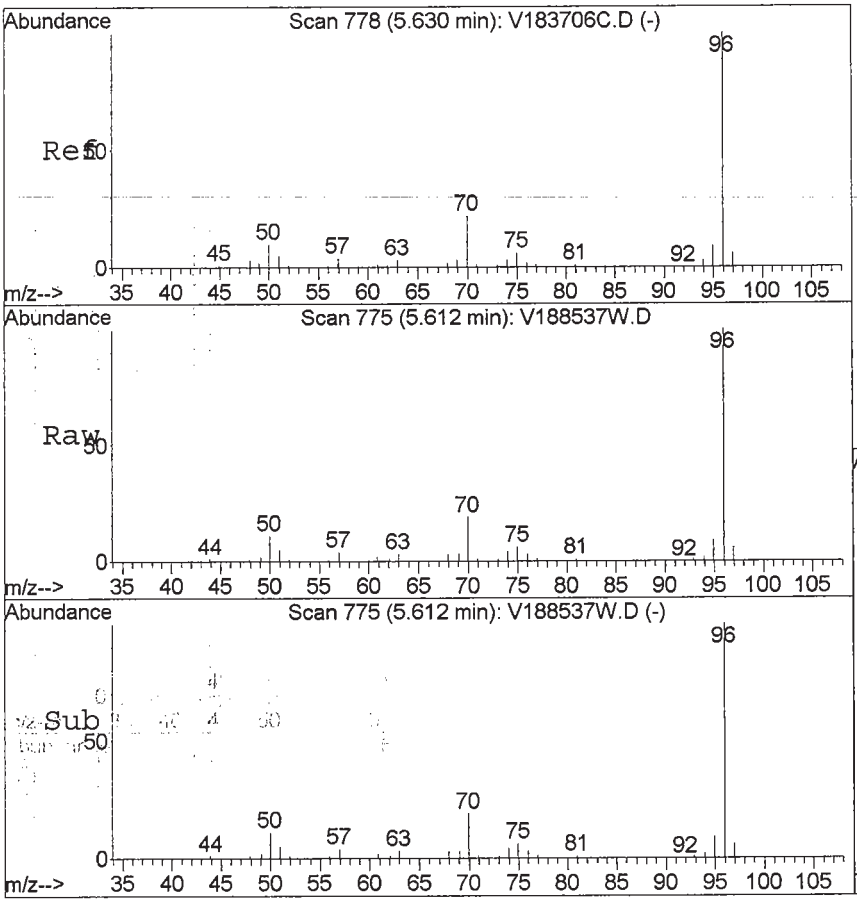
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	117733	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	658435	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	266461	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	174303	50.91	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.82%			
47) Toluene-d8(SURR)	7.13	98	684288	48.47	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.94%			
64) p-Bromofluorobenzene(SURR)	9.88	174	271809	50.47	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.94%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.82	62	8188	1.49	ppb	# 86
5) Bromomethane	2.14	94	6283	1.66	ppb	# 83
12) Iodomethane	3.09	142	7329	1.80	ppb	# 88
20) Acetone	3.01	43	3326	2.53	ppb	# 94
23) cis-1,2-Dichloroethylene	4.55	96	235588	39.97	ppb	# 99
37) Trichloroethylene	5.95	95	2433692	343.59	ppb	99
52) Tetrachloroethylene	7.76	166	6523878	818.22	ppb	100

(#) = qualifier out of range (m) = manual integration

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188537W.D Vial: 24
Acq On : 26 Apr 2013 11:29 pm Operator: SS
Sample : 13D0938-01 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:01 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

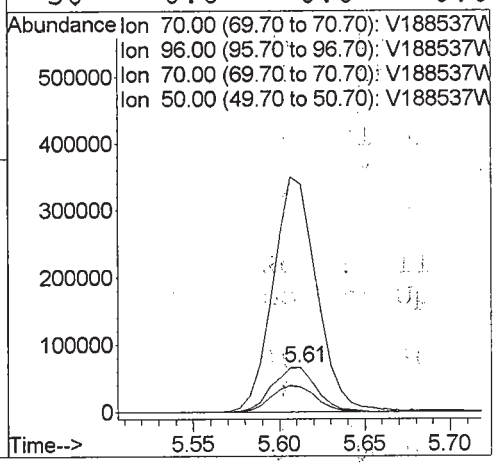


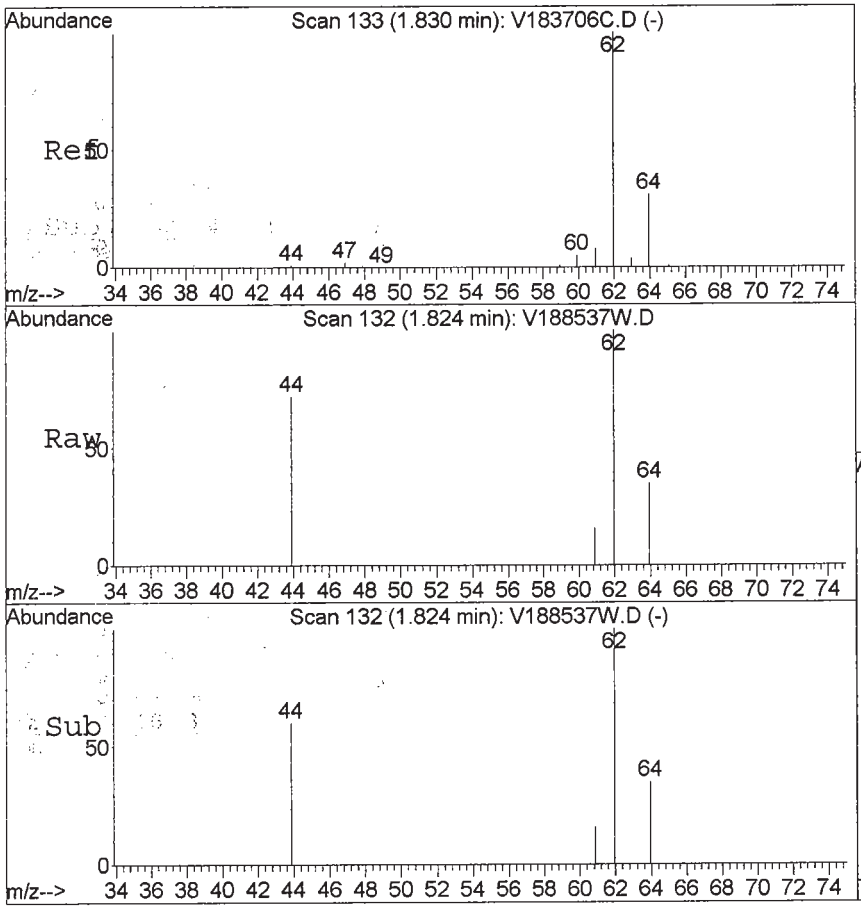


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 70 Resp: 117733

Ion	Ratio	Lower	Upper
70	100		
96	0.0	400.1	600.1#
70	100.0	80.0	120.0
50	0.0	0.0	0.0

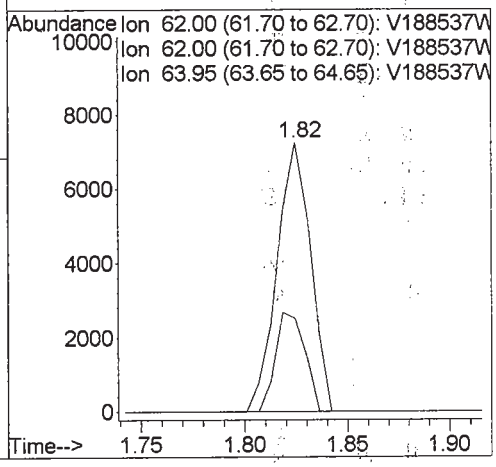


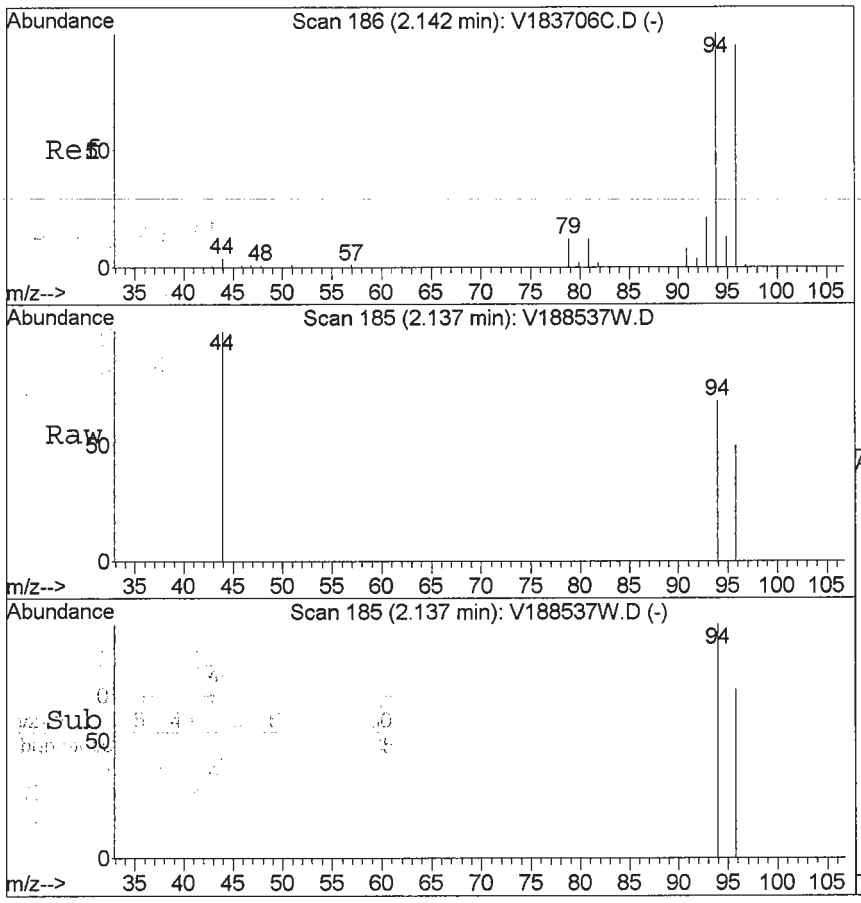


#4
Vinyl Chloride
Concen: 1.49 ppb
RT: 1.82 min Scan# 132
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 62 Resp: 8188

Ion	Ratio	Lower	Upper
62	100		
62	100.0	80.0	120.0
64	0.0	25.9	38.9#

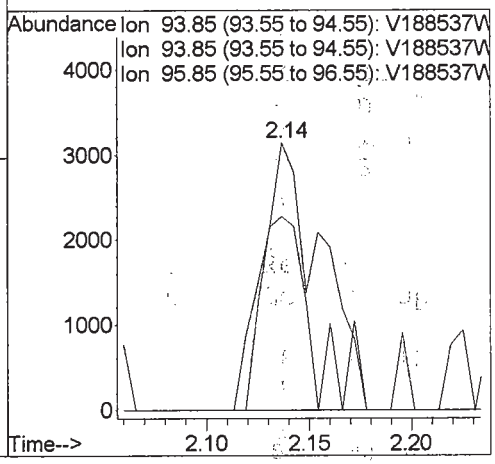


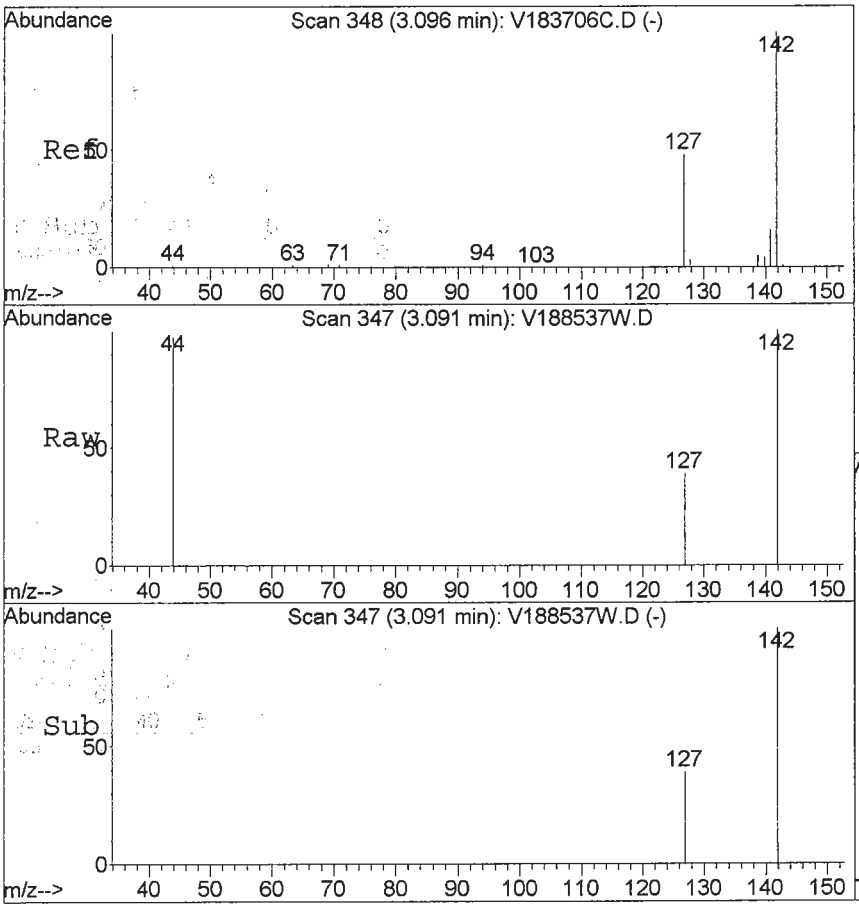


#5
Bromomethane
Concen: 1.66 ppb
RT: 2.14 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 94 Resp: 6283

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	62.6	77.5	116.3#

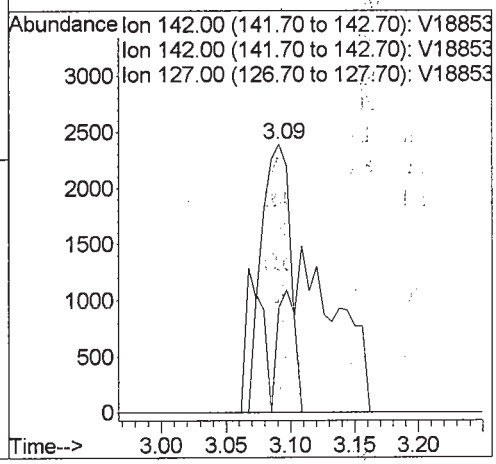


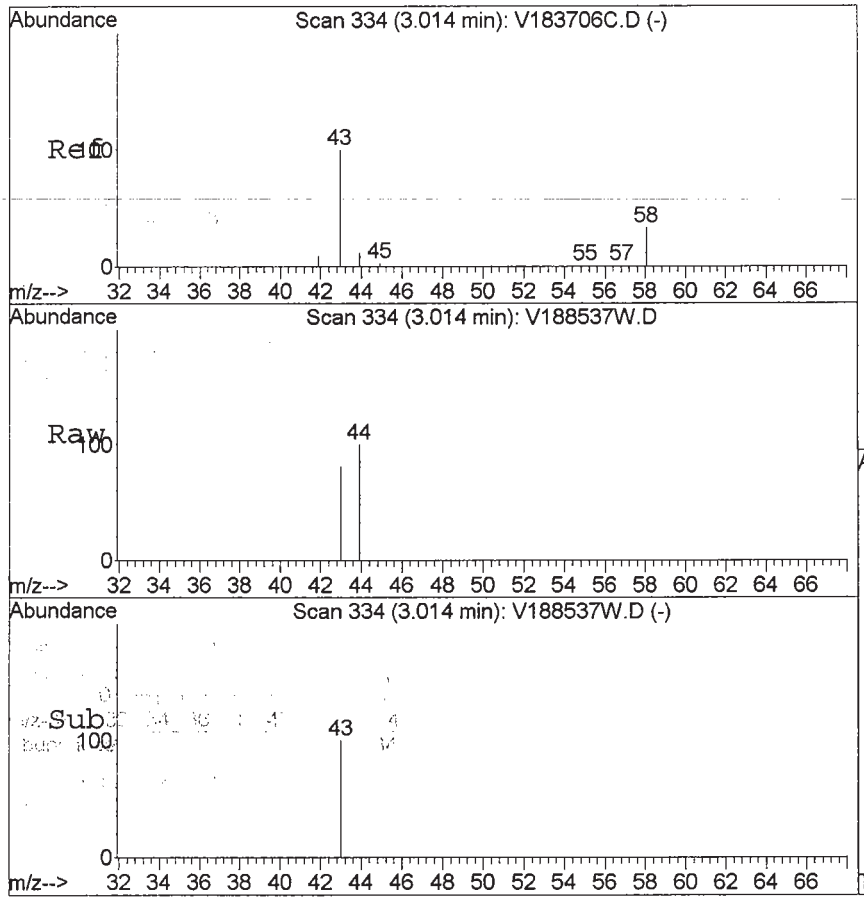


#12
Iodomethane
Concen: 1.80 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:142 Resp: 7329

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	23.6	24.3	72.8#

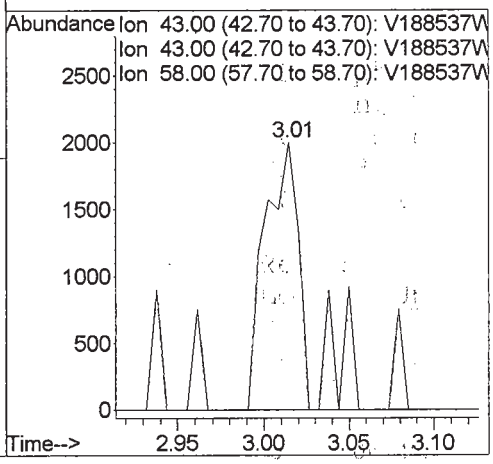


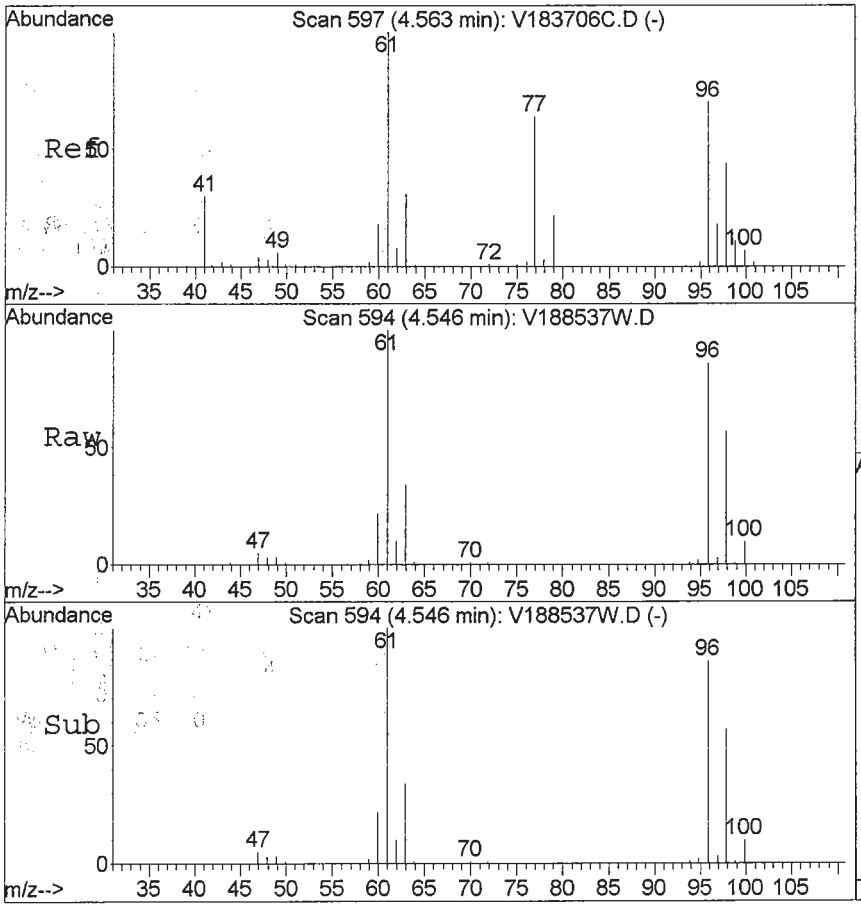


#20
Acetone
Concen: 2.53 ppb
RT: 3.01 min Scan# 334
Delta R.T. 0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 43 Resp: 3326

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	14.5	21.7#

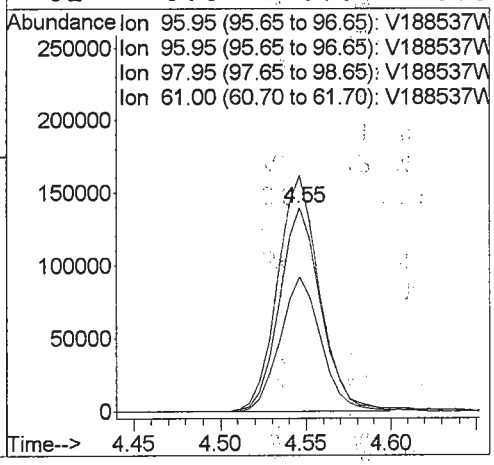


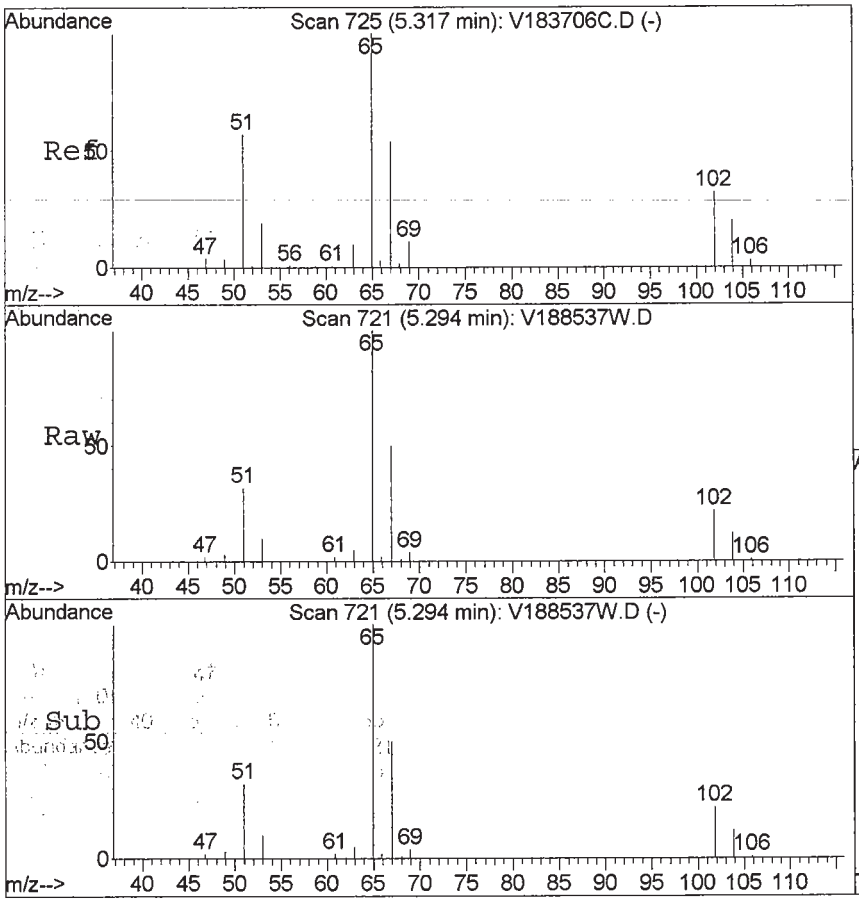


#23
cis-1,2-Dichloroethylene
Concen: 39.97 ppb
RT: 4.55 min Scan# 594
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 96 Resp: 235588

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	65.1	53.8	80.8
61	0.0	0.0	0.0

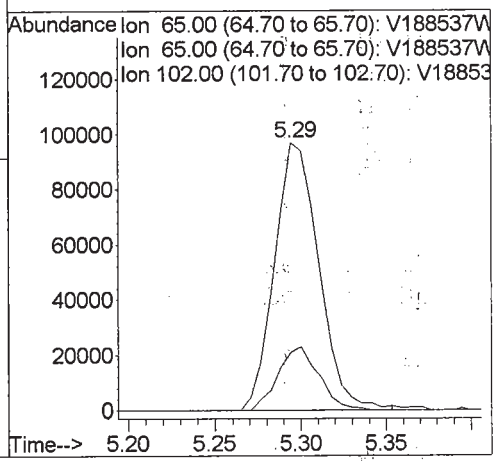


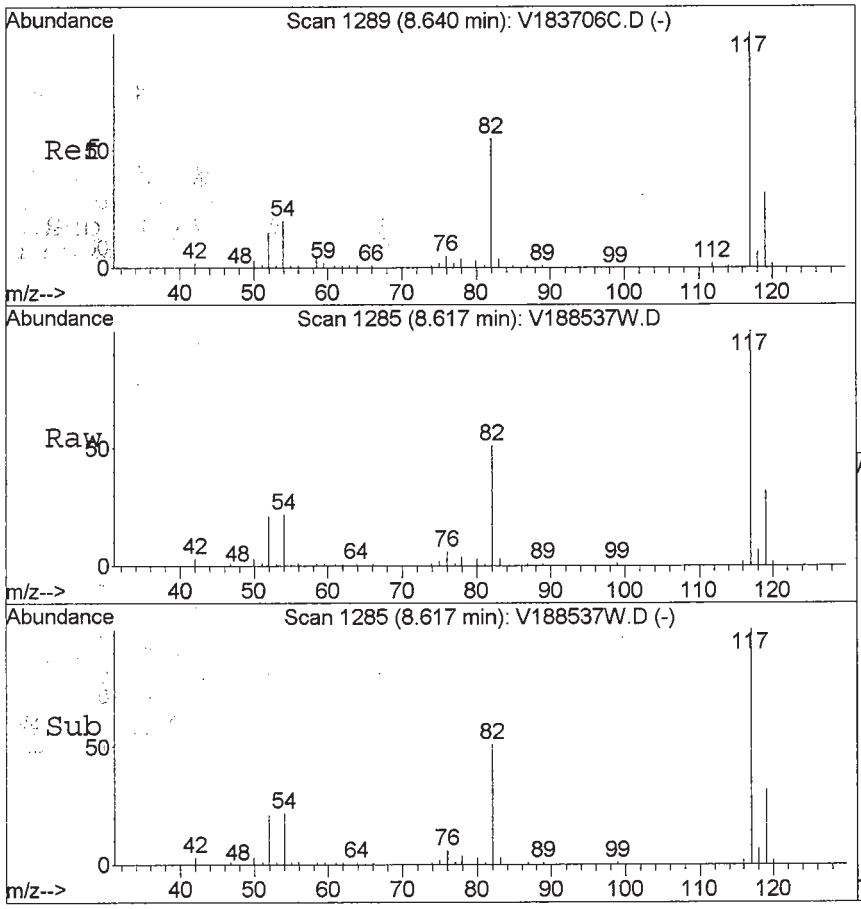


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 65 Resp: 174303

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	21.9	15.8	23.8

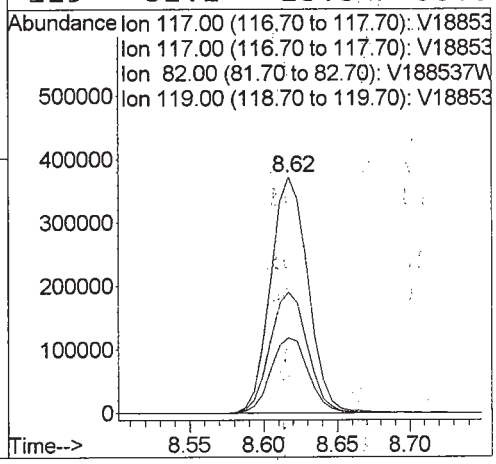


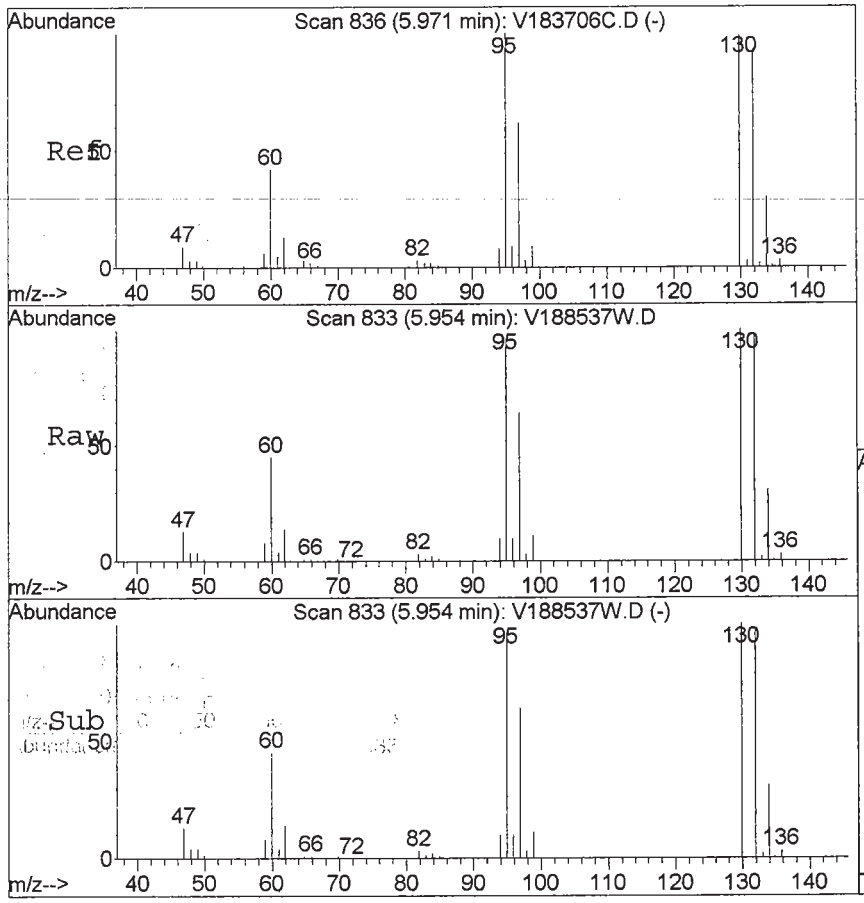


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:117 Resp: 658435

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.2	25.5	38.3

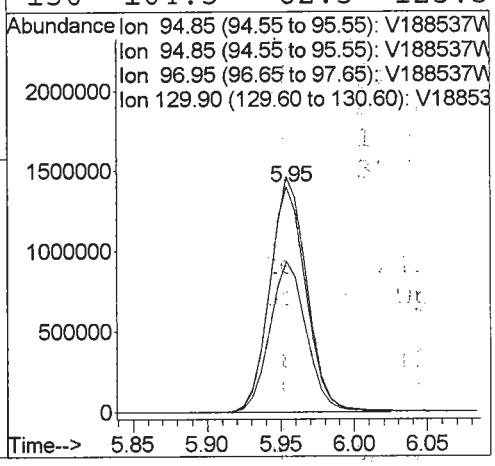


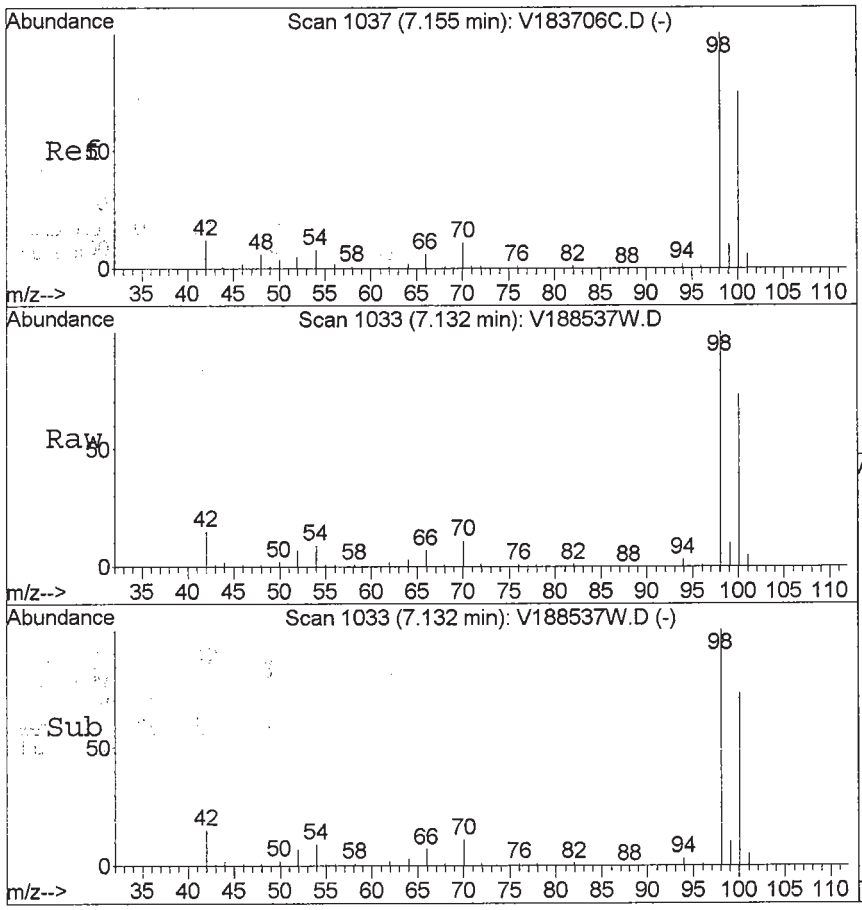


#37
Trichloroethylene
Concen: 343.59 ppb
RT: 5.95 min Scan# 833
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 95 Resp: 2433692

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	66.9	53.6	80.4
130	104.3	82.3	123.5

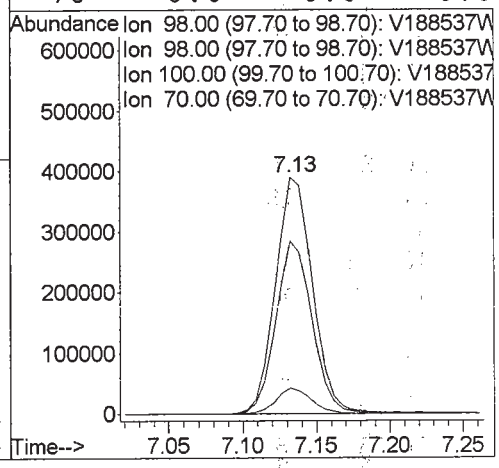


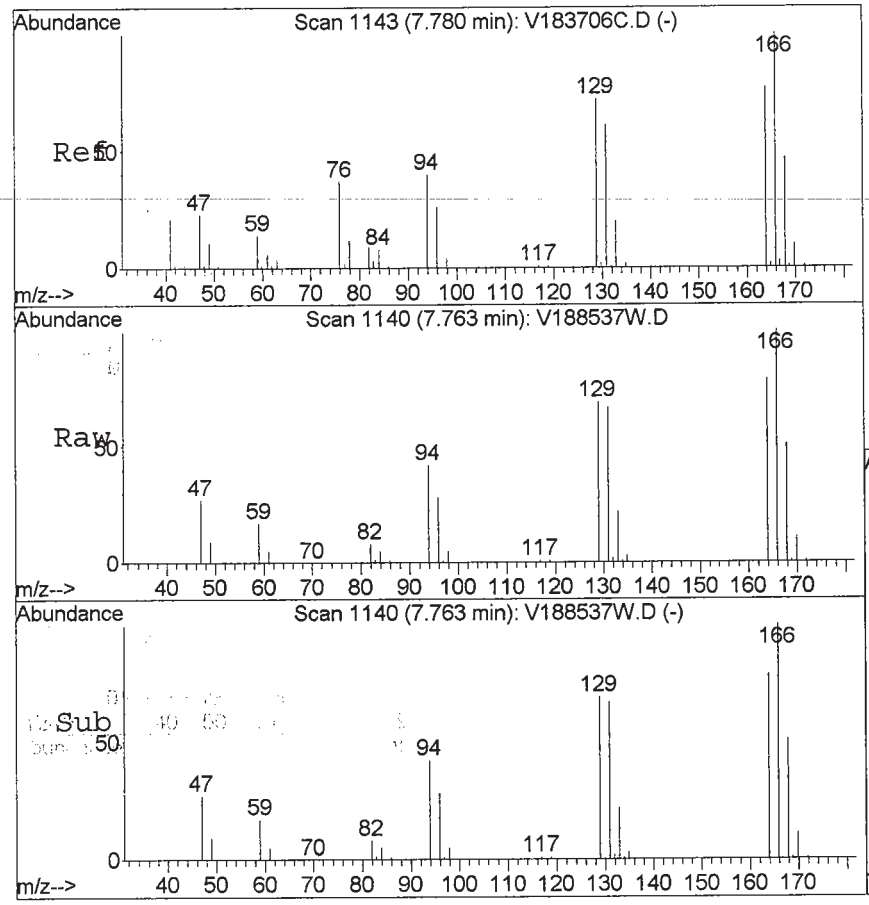


#47
Toluene-d8(SURR)
Concen: Below ppb
RT: 7.13 min Scan# 1033
Delta R.T. -0.02 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion: 98 Resp: 684288

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.0	35.3	105.7
70	0.0	0.0	0.0

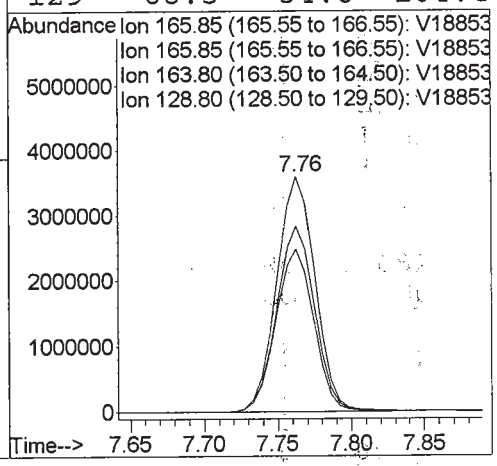


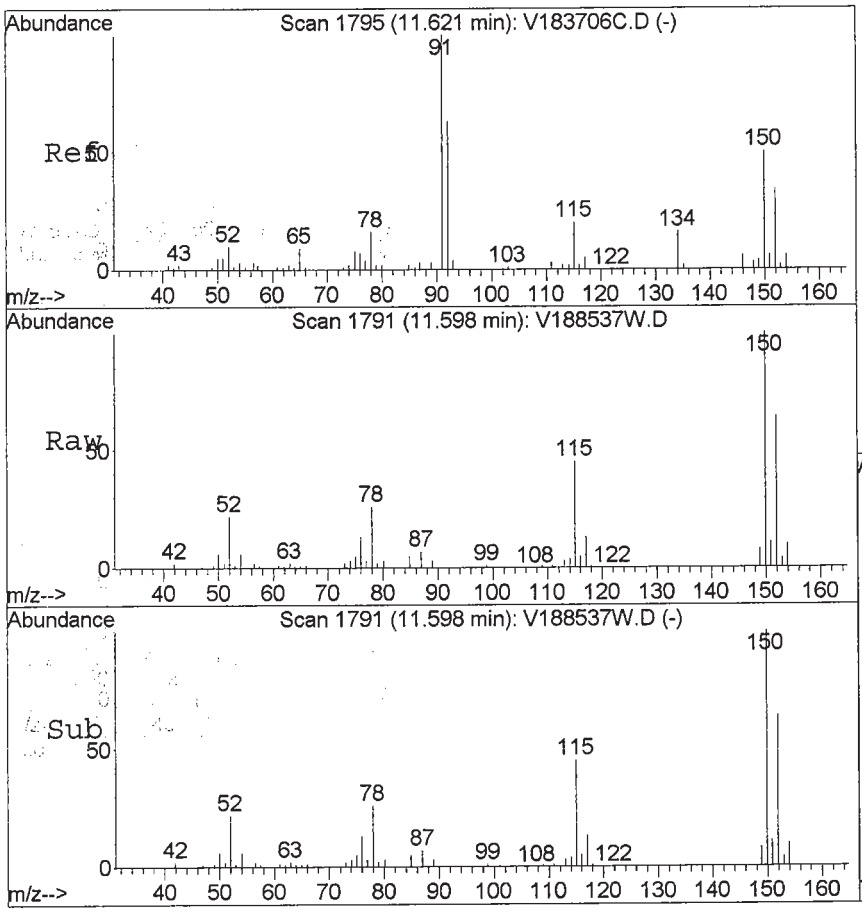


#52
Tetrachloroethylene
Concen: 818.22 ppb
RT: 7.76 min Scan# 1140
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:166 Resp: 6523878

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	78.1	39.1	117.5
129	68.3	34.8	104.4

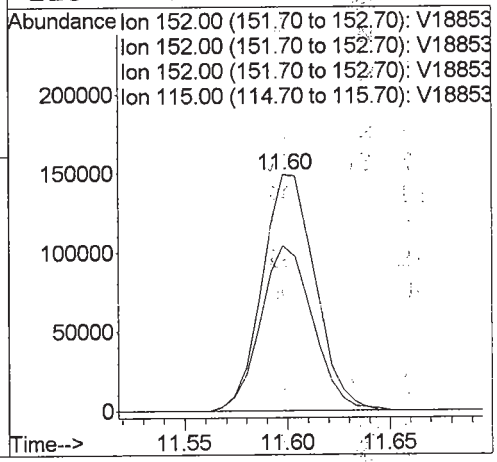


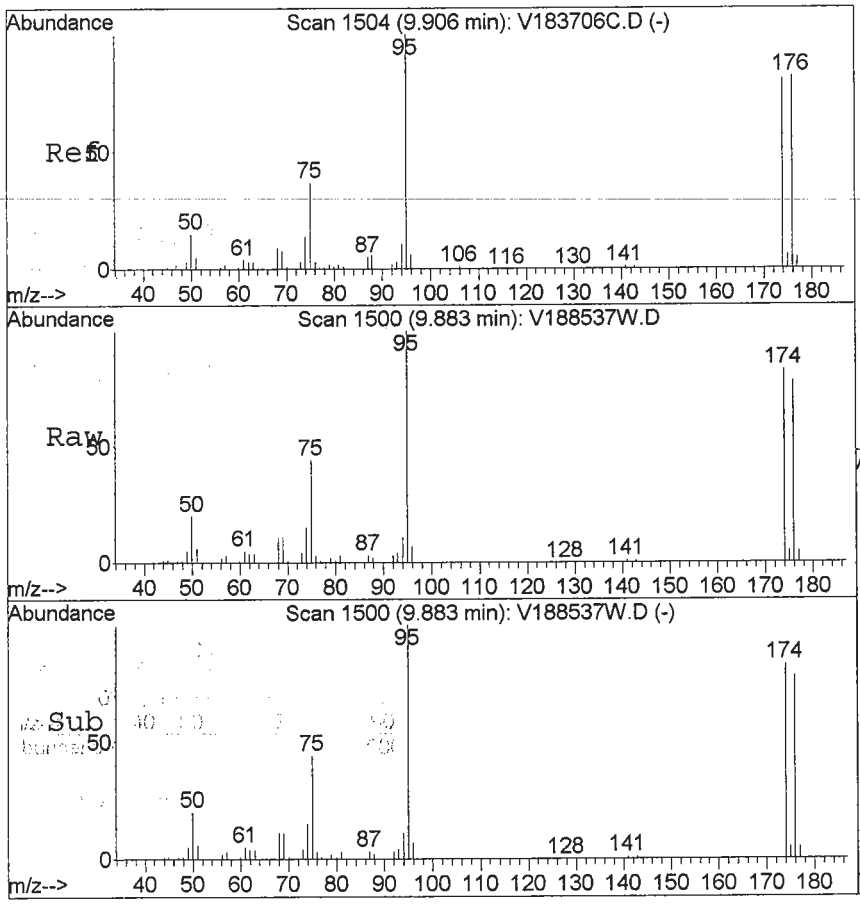


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1791
Delta R.T. -0.02 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:152 Resp: 266461

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

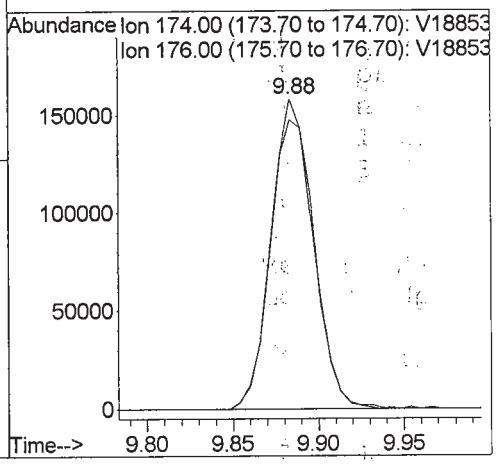




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188537W.D
Acq: 26 Apr 2013 11:29 pm

Tgt Ion:174 Resp: 271809

Ion	Ratio	Lower	Upper
174	100		
176	97.0	77.4	116.0



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188566W.D Vial: 15
Acq On : 29 Apr 2013 5:46 pm Operator: SS
Sample : 13D0938-01RE1 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE 2.5ML/50ML Multiplr: 20.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:14 2013 Quant Results File: V1C00360.RES

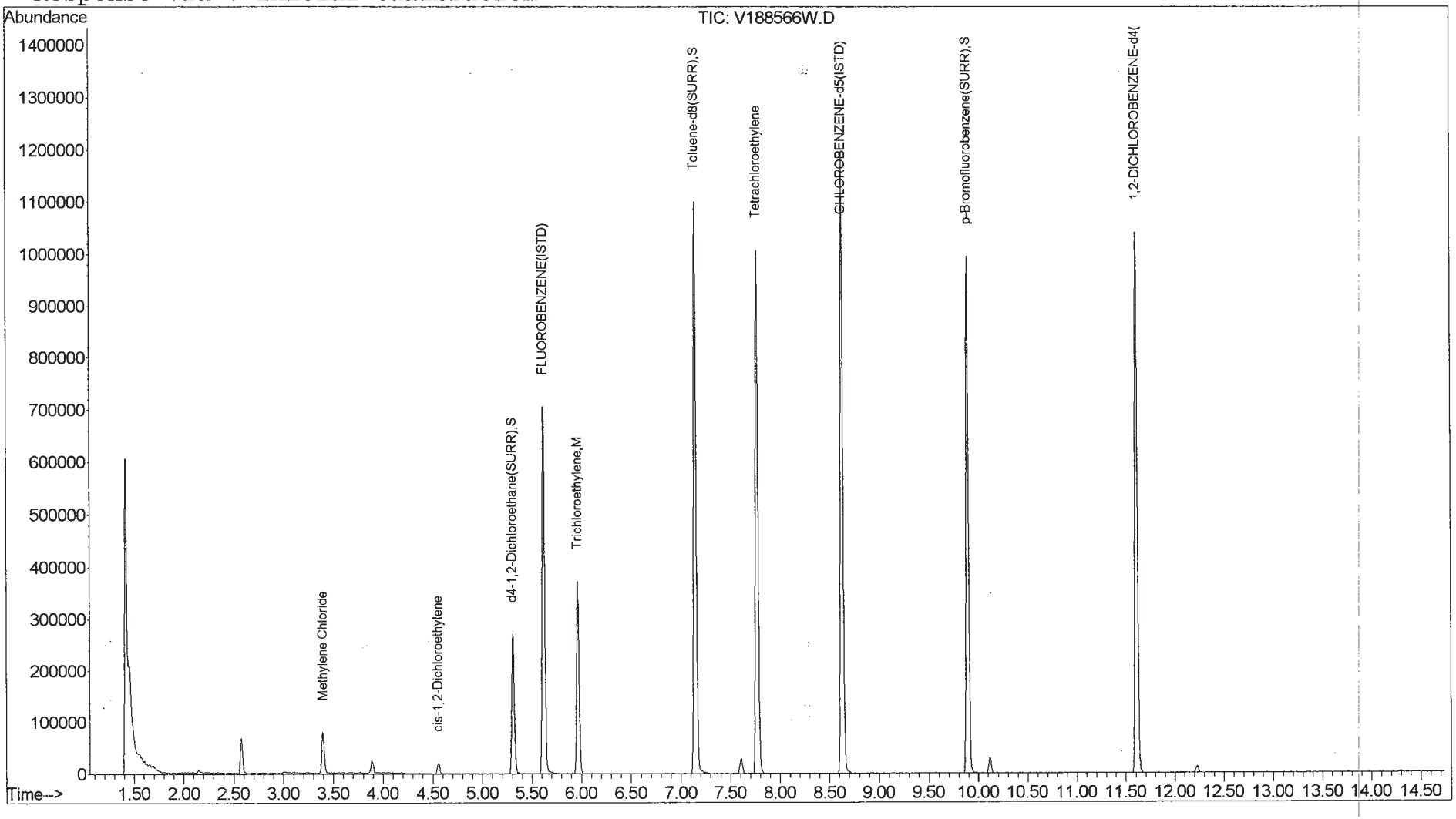
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

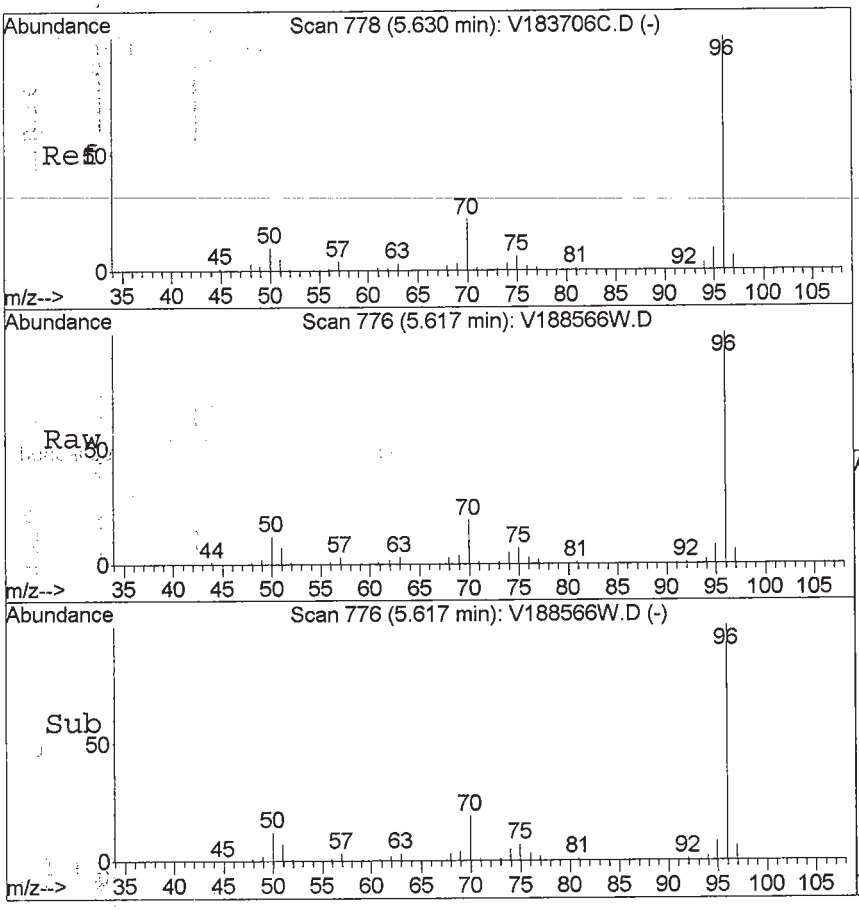
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	124701	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	715678	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	298155	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	202829	55.93	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 111.86%				
47) Toluene-d8(SURR)	7.14	98	727250	47.40	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.80%				
64) p-Bromofluorobenzene(SURR)	9.89	174	308758	51.24	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.48%				
Target Compounds							Qvalue
17) Methylene Chloride	3.39	49	38156	6.56	ppb		96
23) cis-1,2-Dichloroethylene	4.56	96	8893	1.42	ppb	#	66
37) Trichloroethylene	5.96	95	117231	15.23	ppb		99
52) Tetrachloroethylene	7.77	166	318713	36.78	ppb		98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188566W.D Vial: 15
Acq On : 29 Apr 2013 5:46 pm Operator: SS
Sample : 13D0938-01RE1 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE 2.5ML/50ML Multiplr: 20.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:14 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

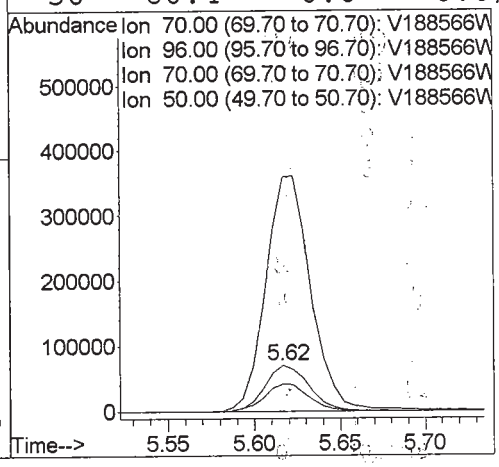


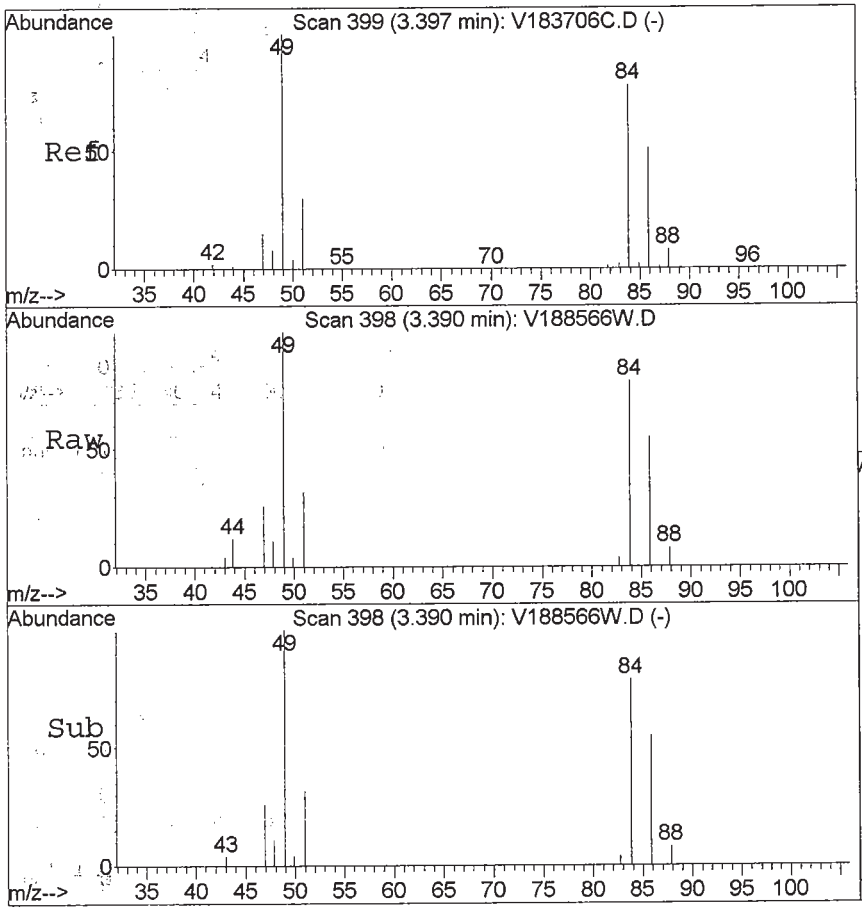


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 70 Resp: 124701

Ion	Ratio	Lower	Upper
70	100		
96	0.0	400.1	600.1#
70	100.0	80.0	120.0
50	60.4	0.0	0.0#

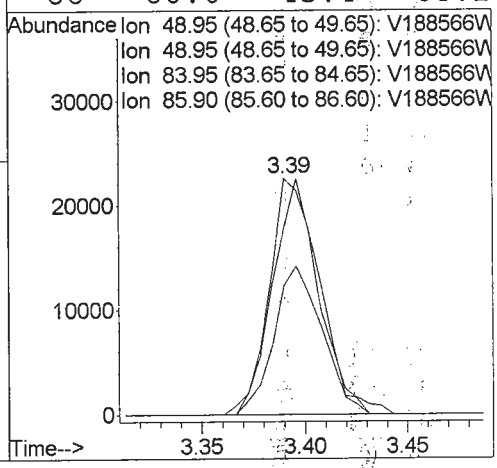


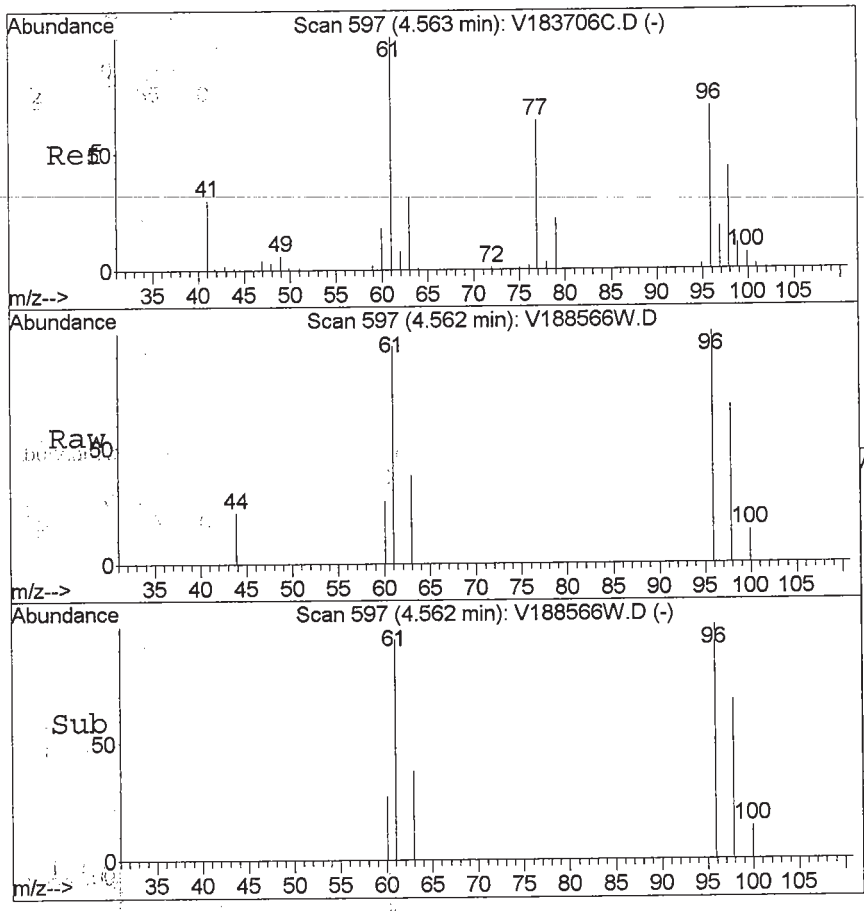


#17
Methylene Chloride
Concen: 6.56 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 49 Resp: 38156

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	91.5	66.3	99.5
86	60.0	45.4	68.2

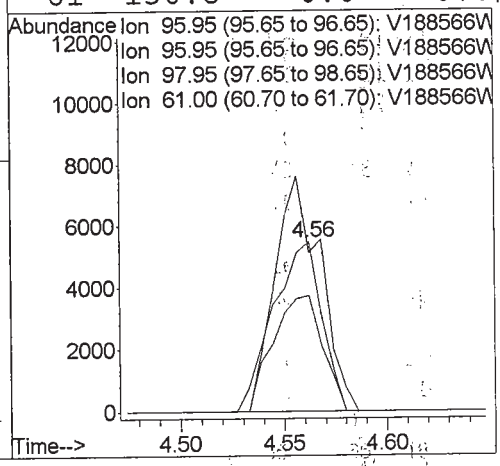


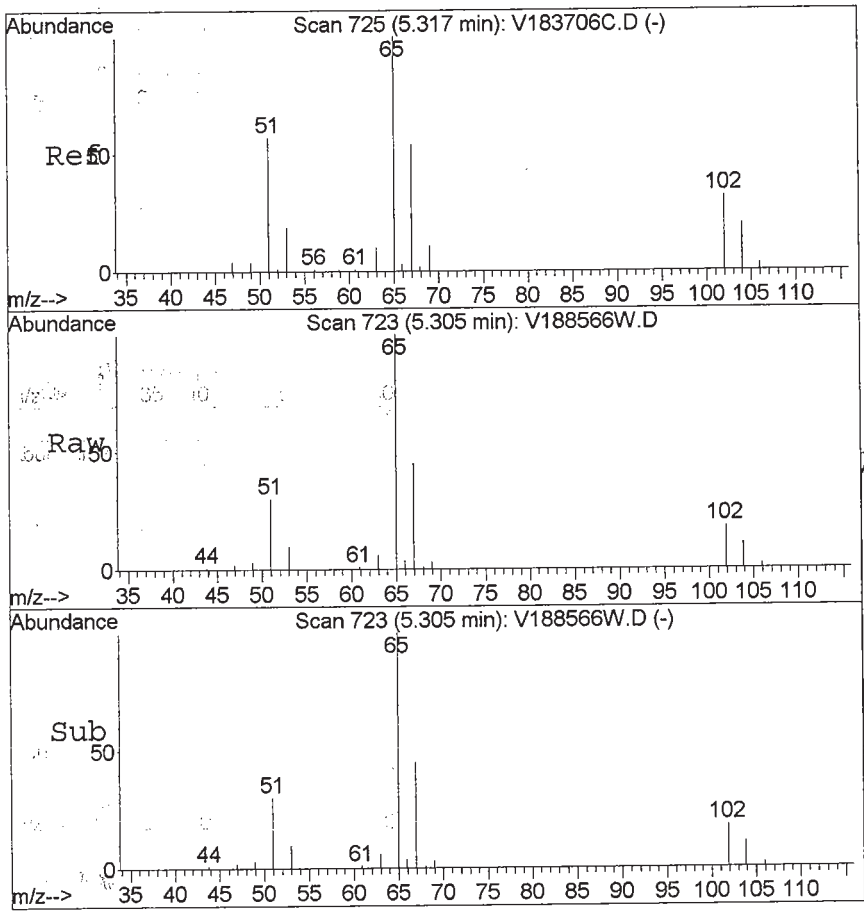


#23
cis-1,2-Dichloroethylene
Concen: 1.42 ppb
RT: 4.56 min Scan# 597
Delta R.T. 0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 96 Resp: 8893

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	0.0	53.8	80.8#
61	130.8	0.0	0.0#

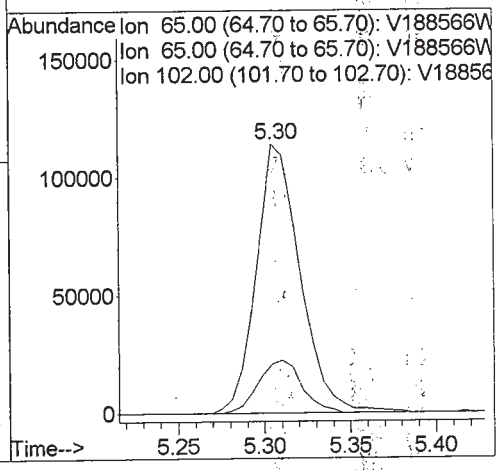


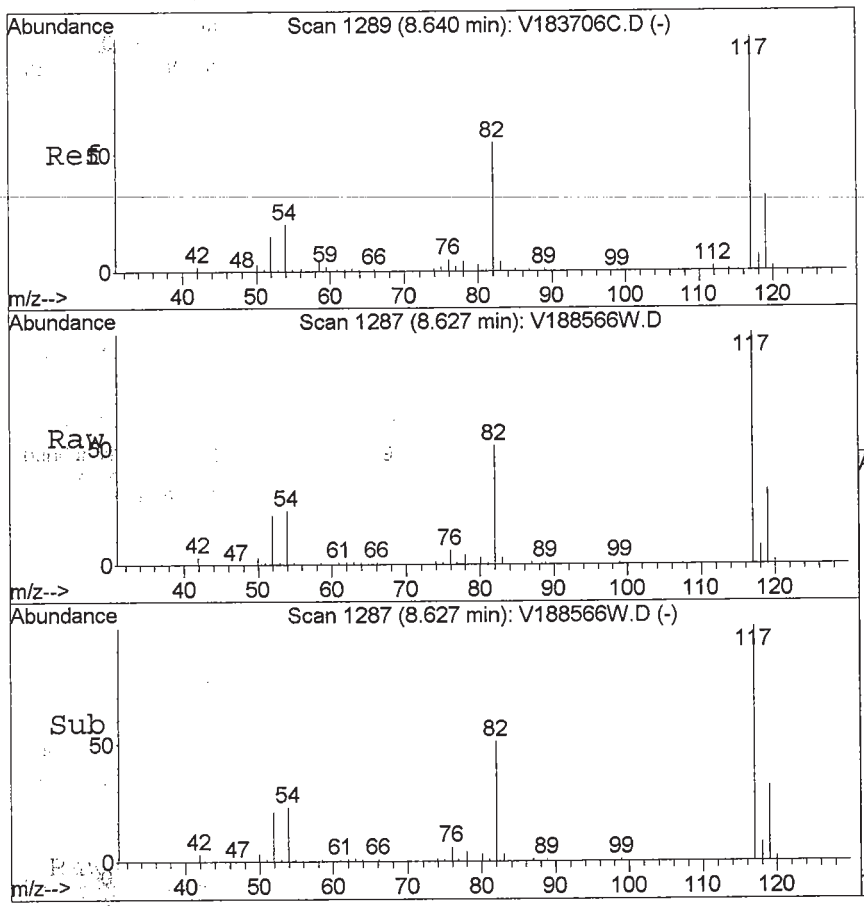


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 65 Resp: 202829

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	19.6	15.8	23.8

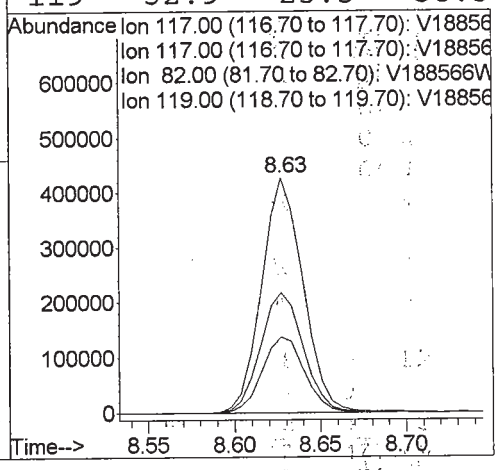


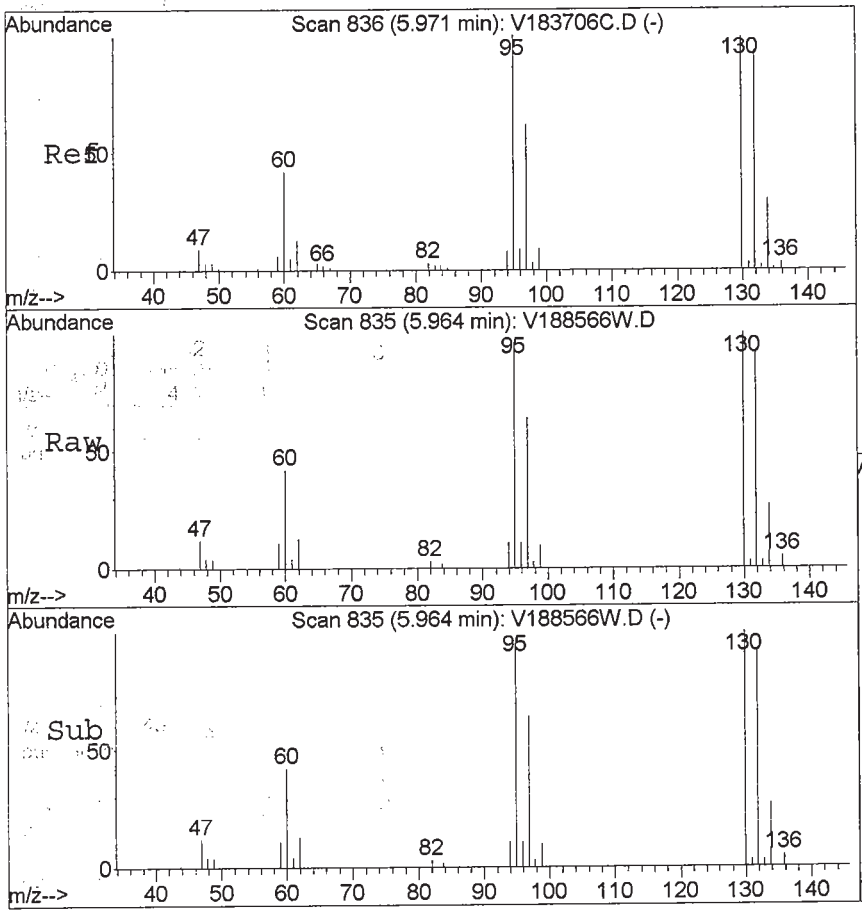


#36
CHLOROBENZENE-d5 (ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion:117 Resp: 715678

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.9	25.5	38.3

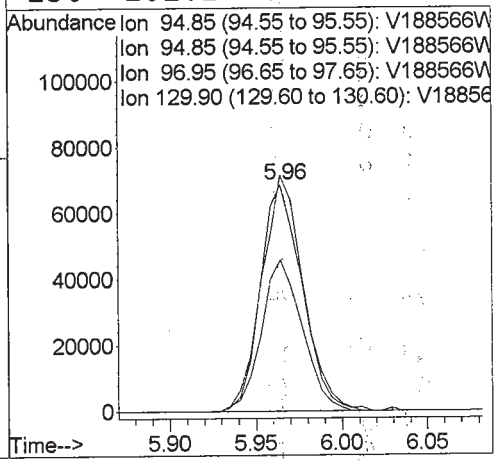


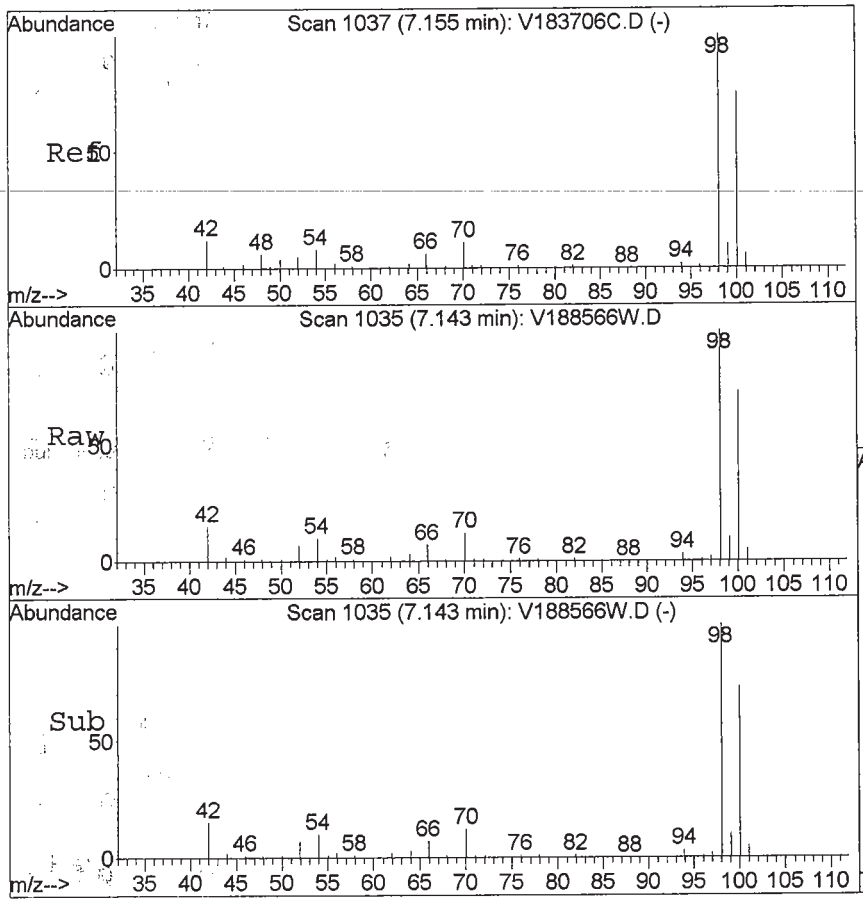


#37
Trichloroethylene
Concen: 15.23 ppb
RT: 5.96 min Scan# 835
Delta R.T. -0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 95 Resp: 117231

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	64.6	53.6	80.4
130	101.2	82.3	123.5

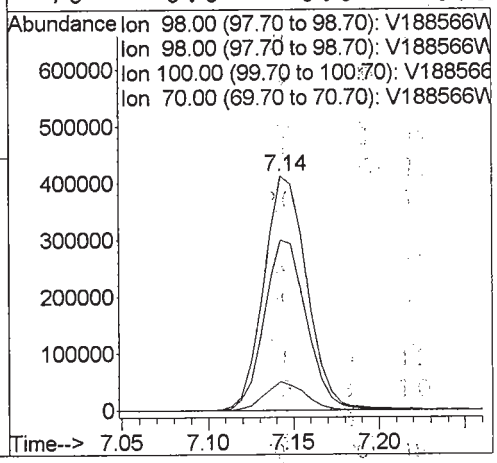


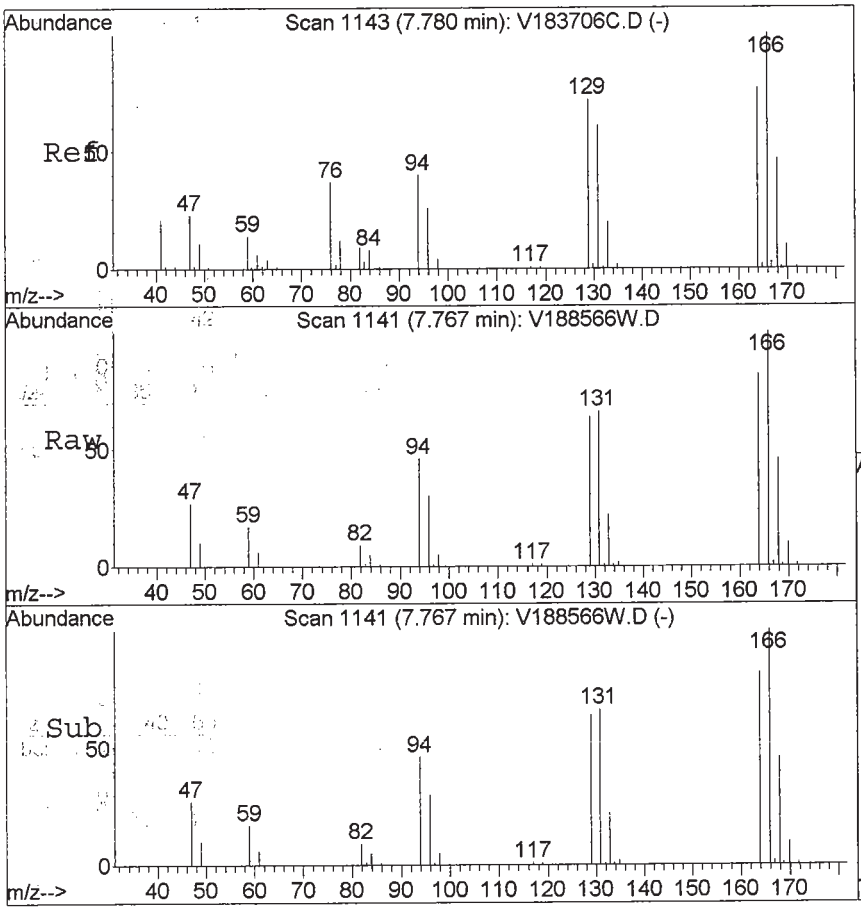


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion: 98 Resp: 727250

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.1	35.3	105.7
70	0.0	0.0	0.0

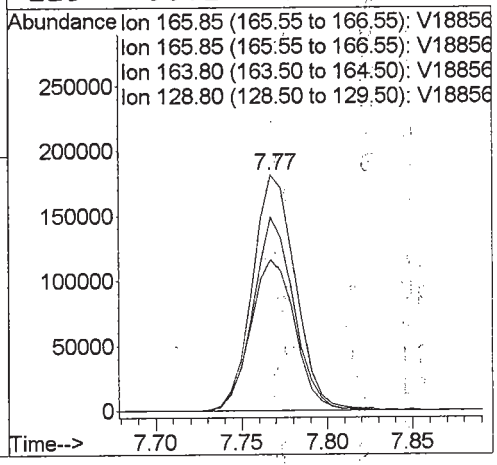


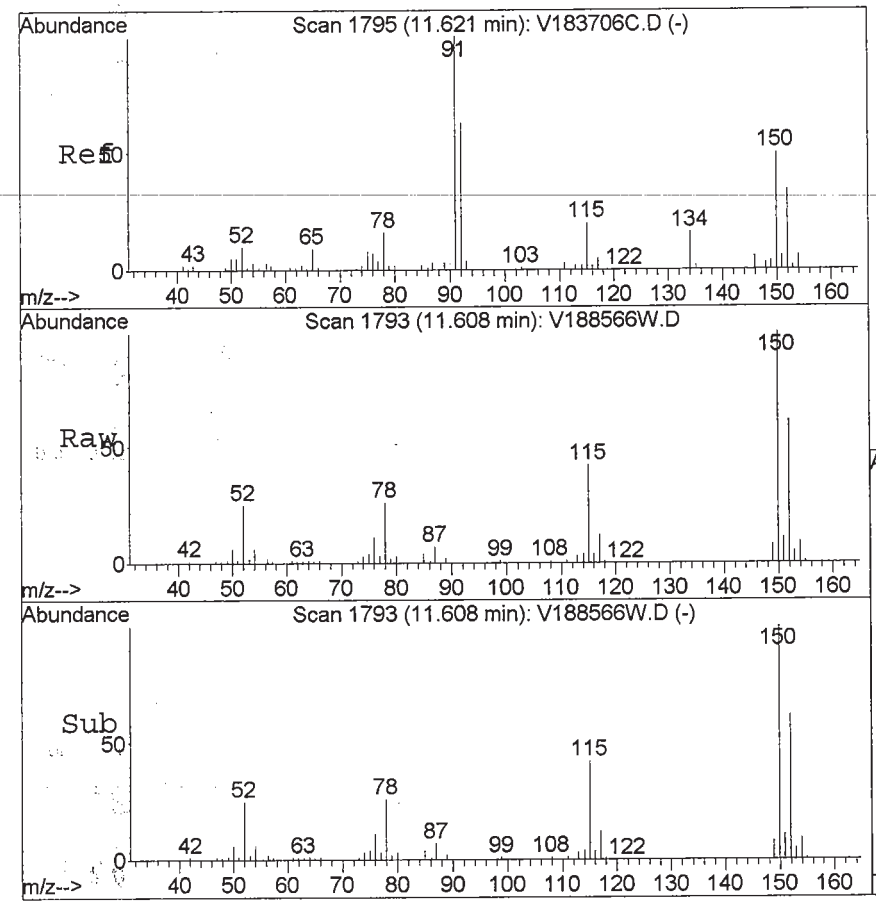


#52
Tetrachloroethylene
Concen: 36.78 ppb
RT: 7.77 min Scan# 1141
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion:166 Resp: 318713

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	77.4	39.1	117.5
129	66.1	34.8	104.4

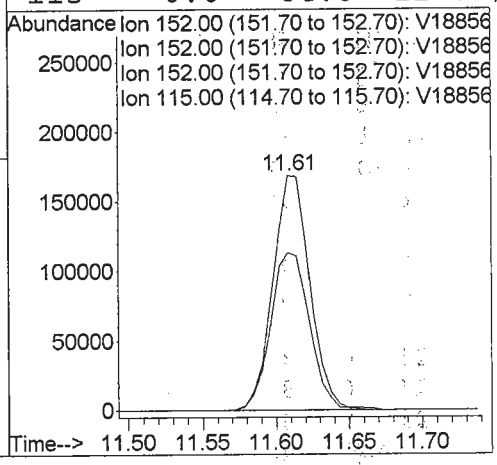


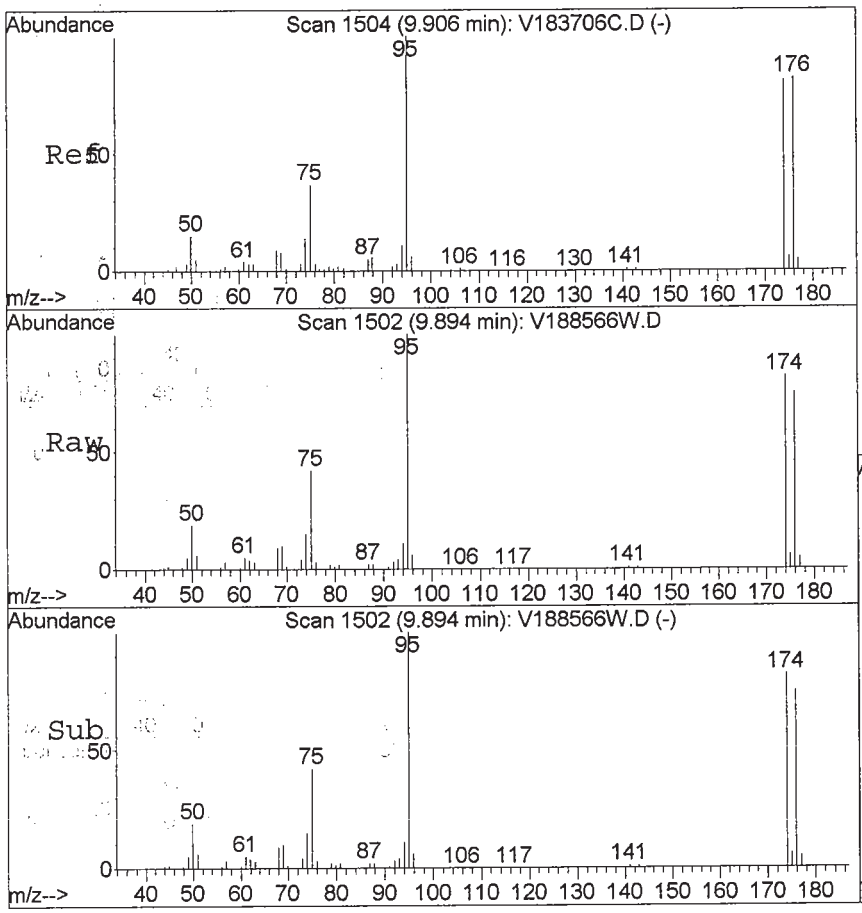


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion:152 Resp: 298155

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

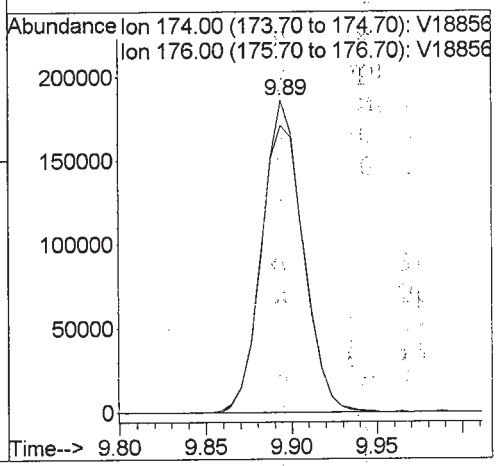




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188566W.D
Acq: 29 Apr 2013 5:46 pm

Tgt Ion:174 Resp: 308758

Ion	Ratio	Lower	Upper
174	100		
176	98.4	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-02 File ID: V188567W.D

Sampled: 04/23/13 17:10 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 18:25

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-02 File ID: V188567W.D

Sampled: 04/23/13 17:10 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 18:25

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	2.6	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	18	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	4.0	J
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.7	113	72.6 - 129	
p-Bromofluorobenzene	50.0	52.0	104	63.5 - 145	
Toluene-d8	50.0	47.4	94.8	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188567W.D
Acq On : 29 Apr 2013 6:25 pm
Sample : 13D0938-02
Misc : QBV1042913A 8260 ASPB RE
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:14 2013

Vial: 16
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

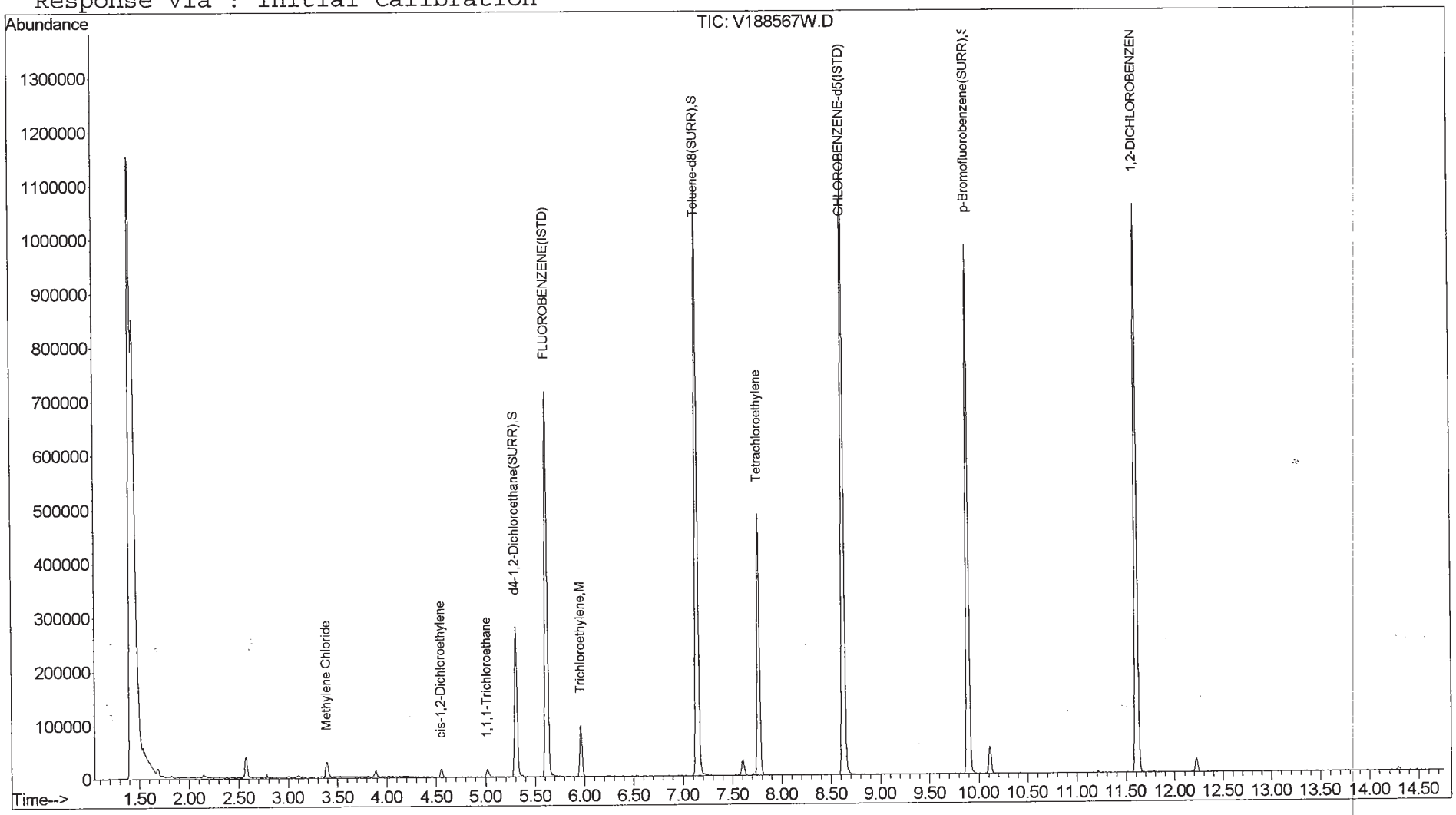
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	121499	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	697708	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	292865	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	200405	56.72	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 113.44%				
47) Toluene-d8(SURR)	7.14	98	709250	47.41	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.82%				
64) p-Bromofluorobenzene(SURR)	9.89	174	307652	51.97	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 103.94%				
Target Compounds							Qvalue
17) Methylene Chloride	3.39	49	14976	2.64	ppb		94
23) cis-1,2-Dichloroethylene	4.56	96	7502	1.23	ppb	#	66
30) 1,1,1-Trichloroethane	5.02	97	11335	0.98	ppb	#	97
37) Trichloroethylene	5.96	95	30365	4.05	ppb		97
52) Tetrachloroethylene	7.77	166	150866	17.86	ppb		99

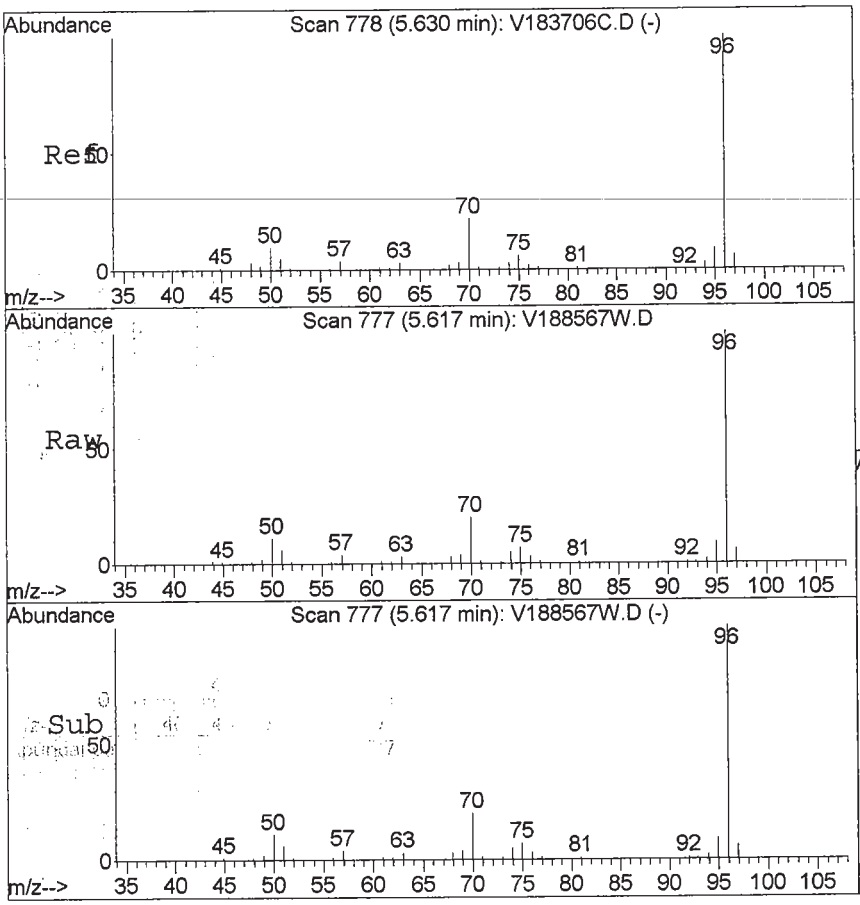
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1042913\V188567W.D Vial: 16
Acq On : 29 Apr 2013 6:25 pm Operator: SS
Sample : 13D0938-02 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:14 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

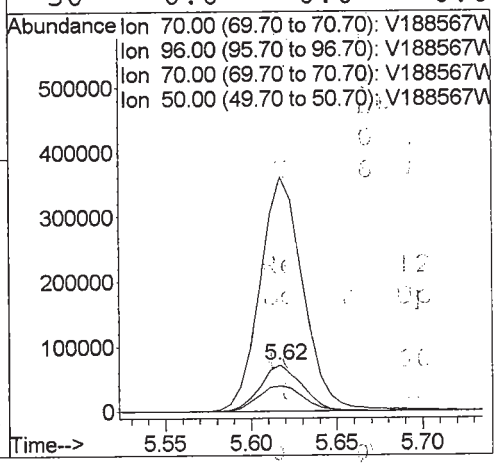


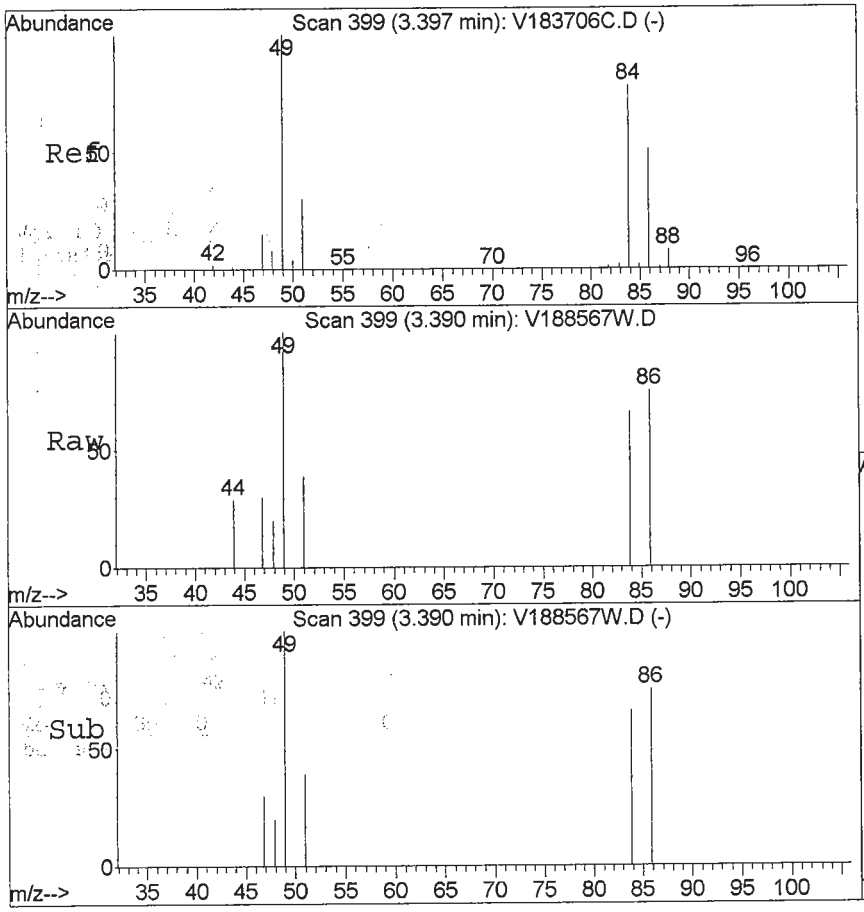


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 70 Resp: 121499

Ion	Ratio	Lower	Upper
70	100		
96	520.8	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

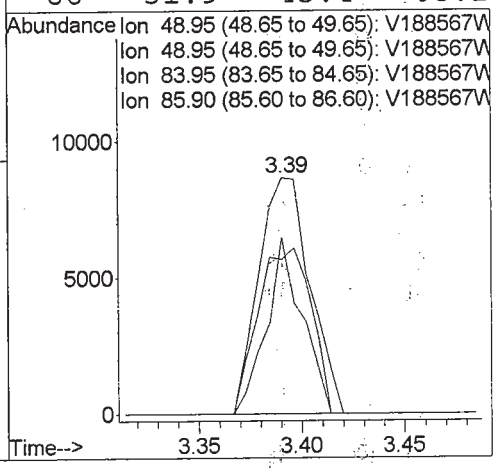


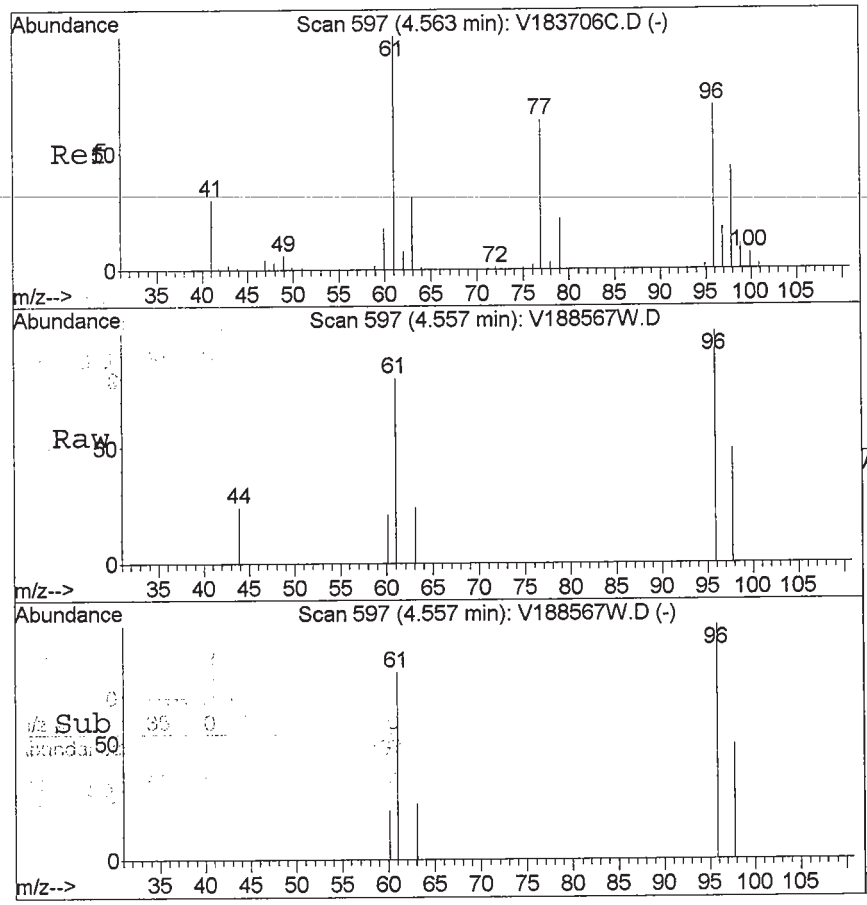


#17
Methylene Chloride
Concen: 2.64 ppb
RT: 3.39 min Scan# 399
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 49 Resp: 14976

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	72.6	66.3	99.5
86	51.9	45.4	68.2

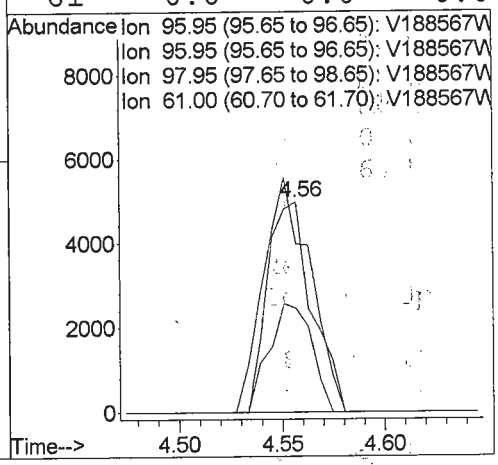


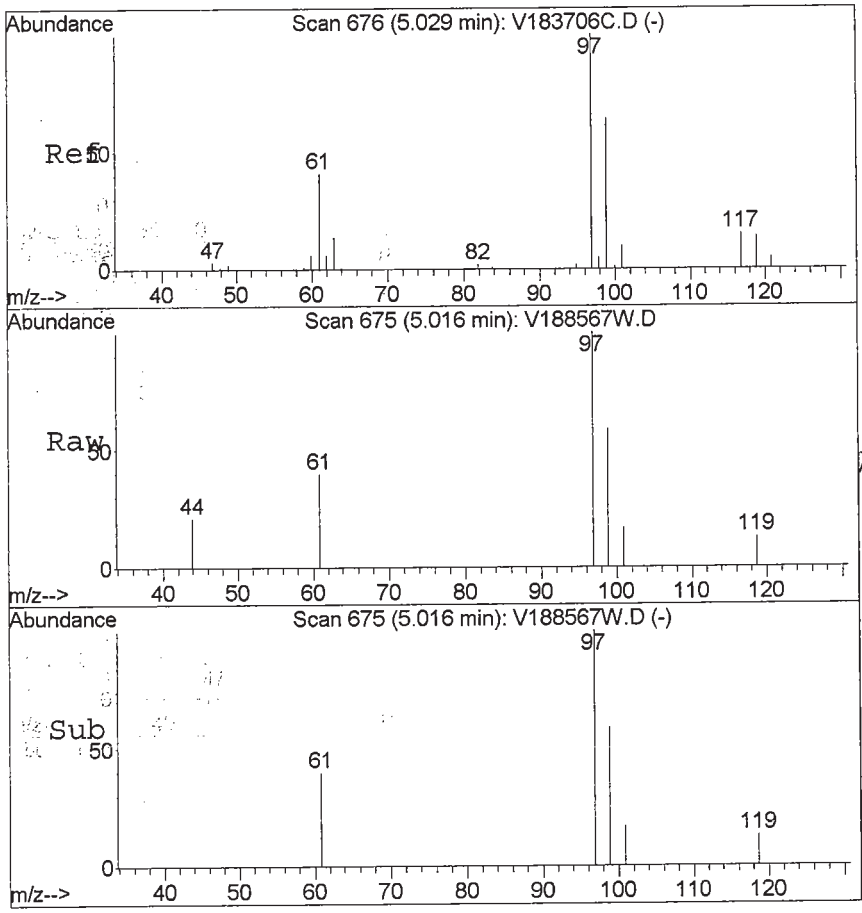


#23
cis-1,2-Dichloroethylene
Concen: 1.23 ppb
RT: 4.56 min Scan# 597
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 96 Resp: 7502

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	0.0	53.8	80.8#
61	0.0	0.0	0.0

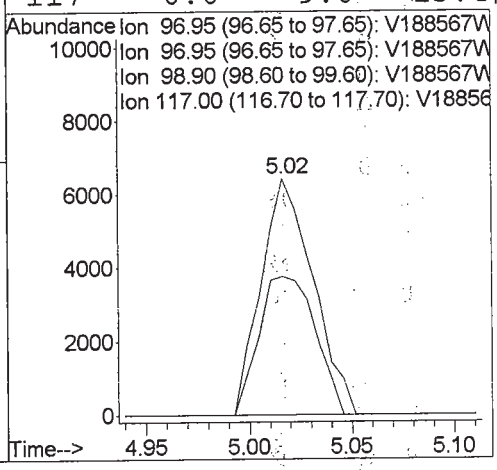


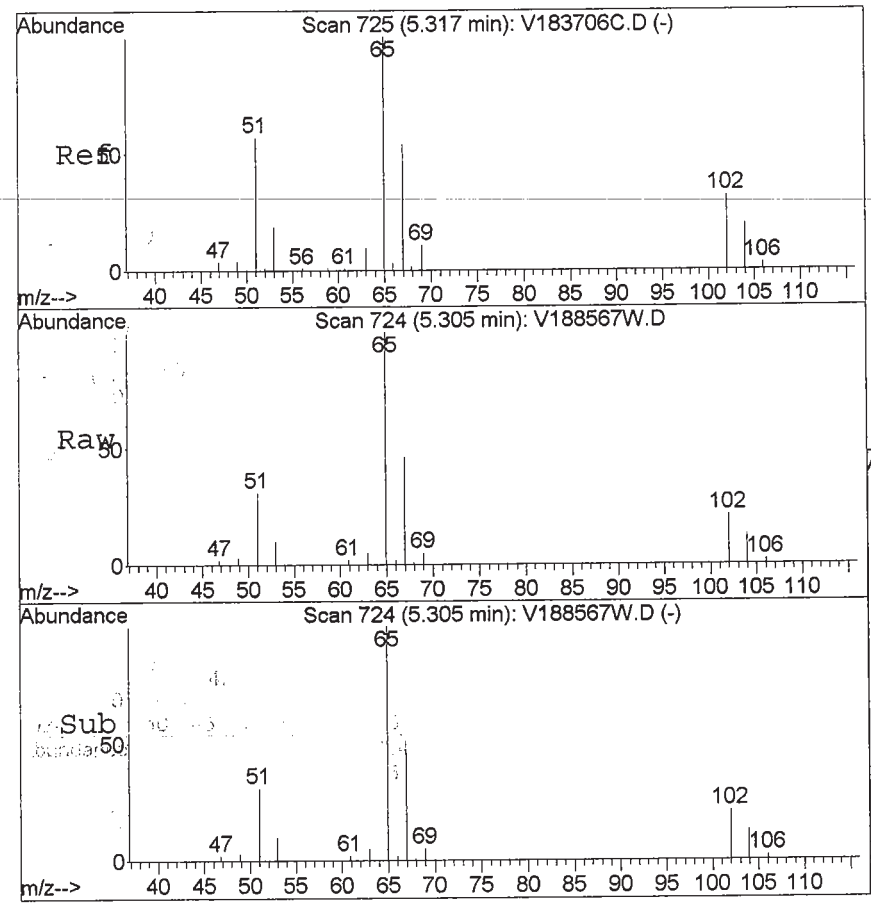


#30
1,1,1-Trichloroethane
Concen: 0.98 ppb
RT: 5.02 min Scan# 675
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 97 Resp: 11335

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	63.5	52.2	78.4
117	0.0	9.0	13.4#

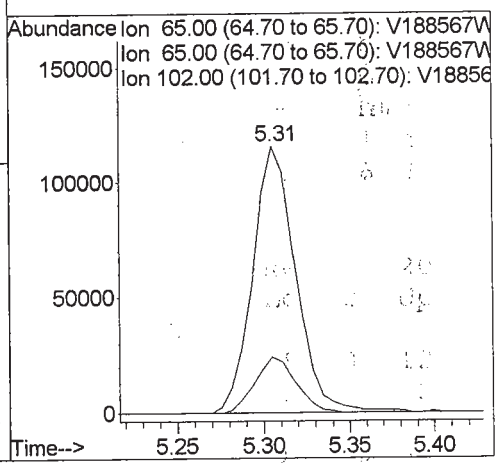


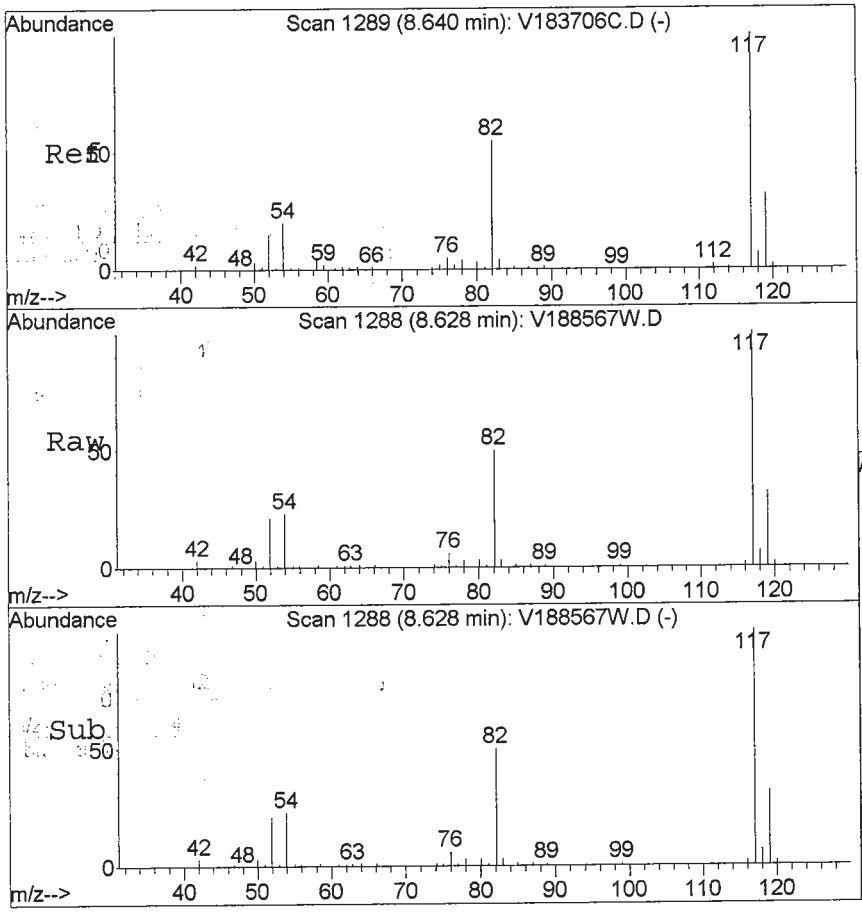


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 65 Resp: 200405

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.0	15.8	23.8

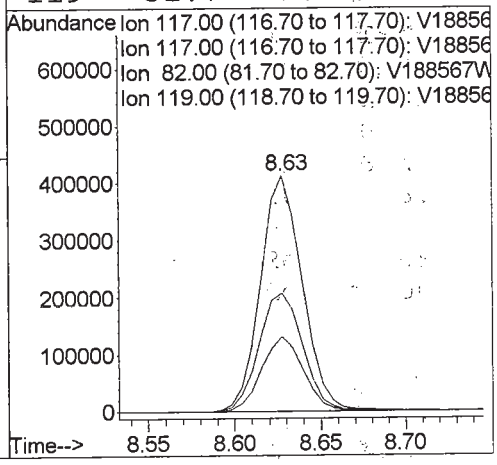


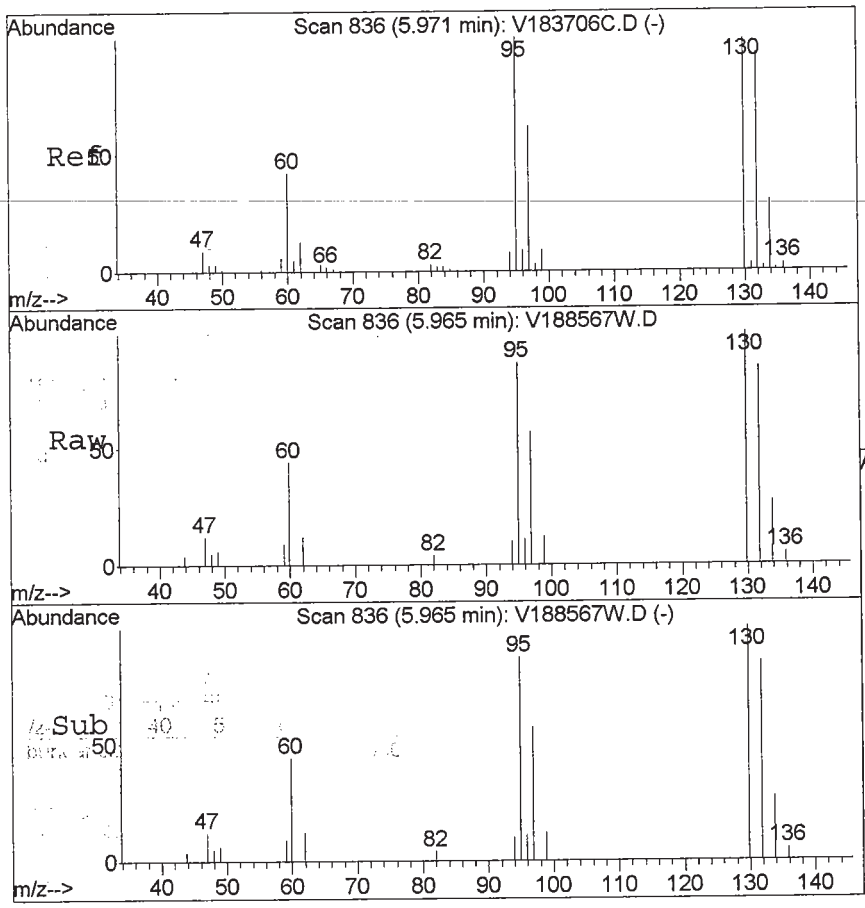


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion:117 Resp: 697708

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.7	25.5	38.3

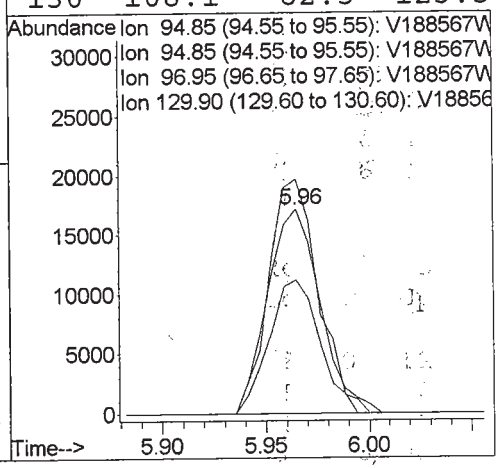


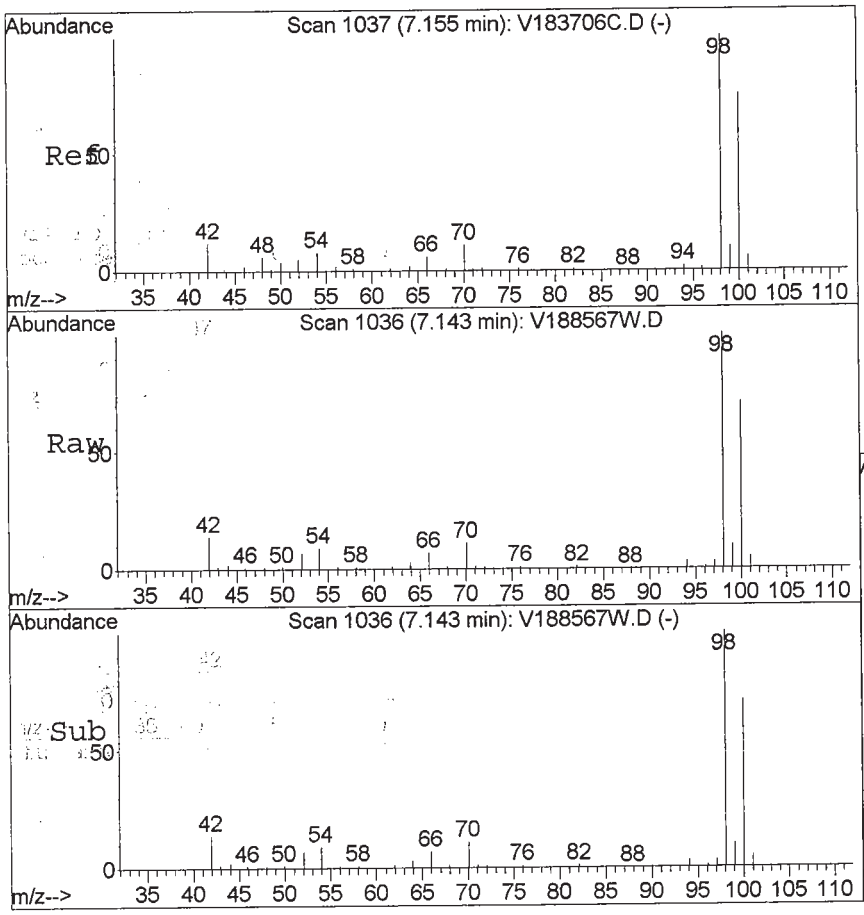


#37
Trichloroethylene
Concen: 4.05 ppb
RT: 5.96 min Scan# 836
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 95 Resp: 30365

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	62.2	53.6	80.4
130	108.1	82.3	123.5

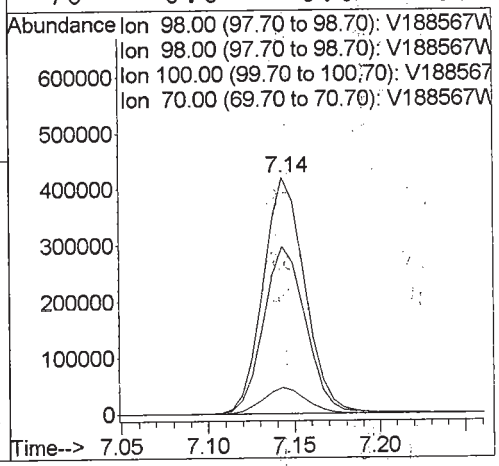


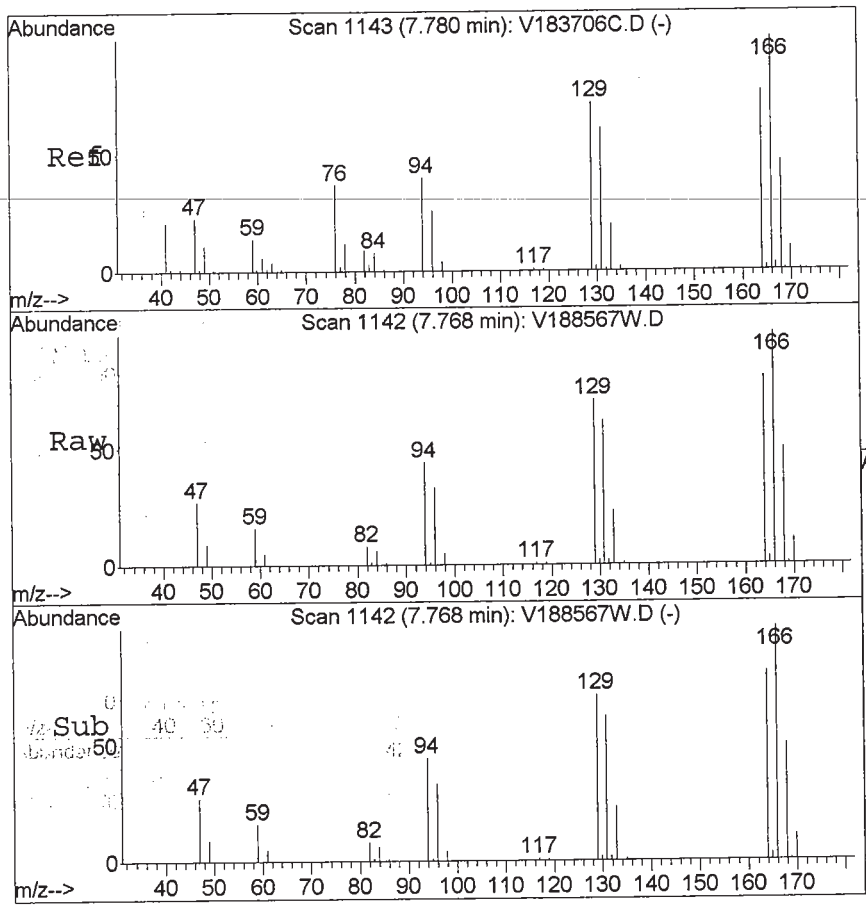


#47
Toluene-d8(SURR)
Concen: Below ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion: 98 Resp: 709250

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.6	35.3	105.7
70	0.0	0.0	0.0

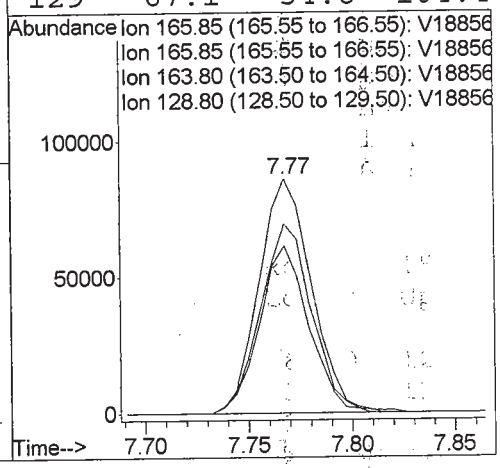


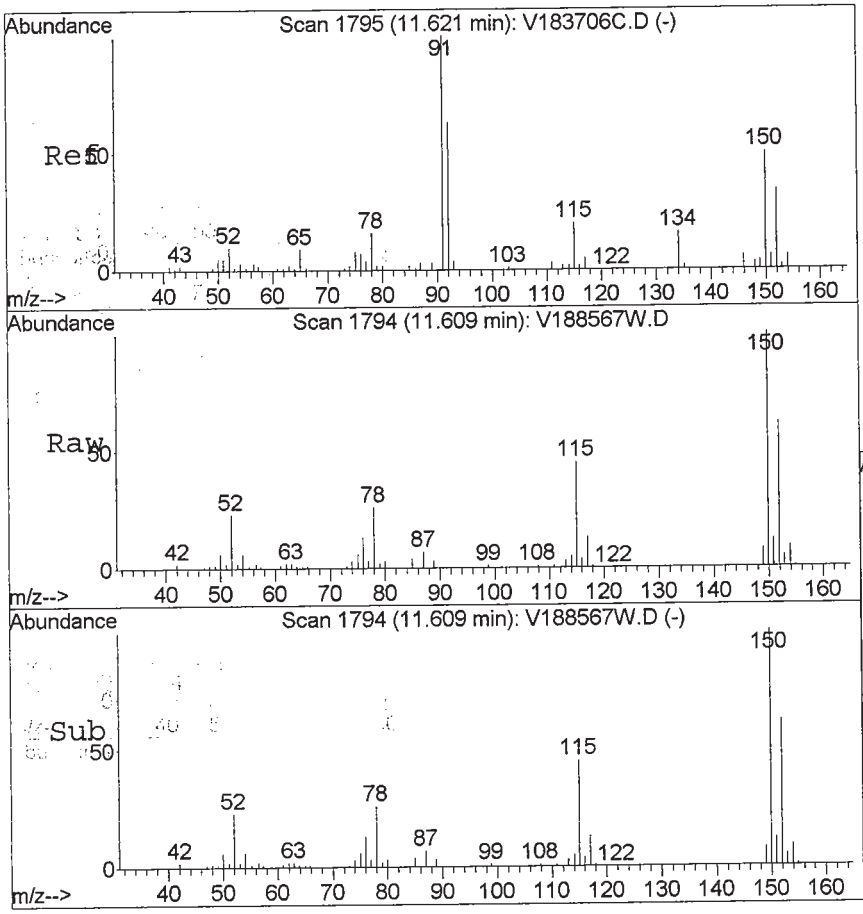


#52
Tetrachloroethylene
Concen: 17.86 ppb
RT: 7.77 min Scan# 1142
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion:166 Resp: 150866

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	79.2	39.1	117.5
129	67.1	34.8	104.4

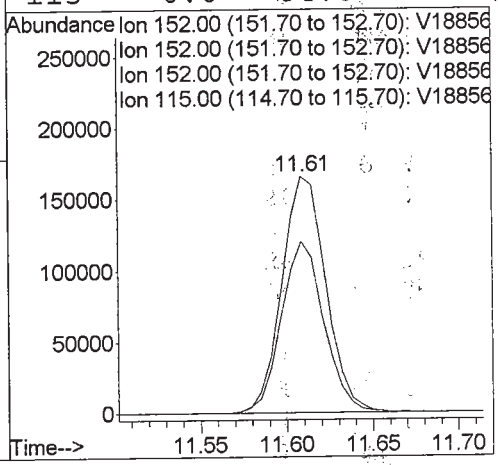


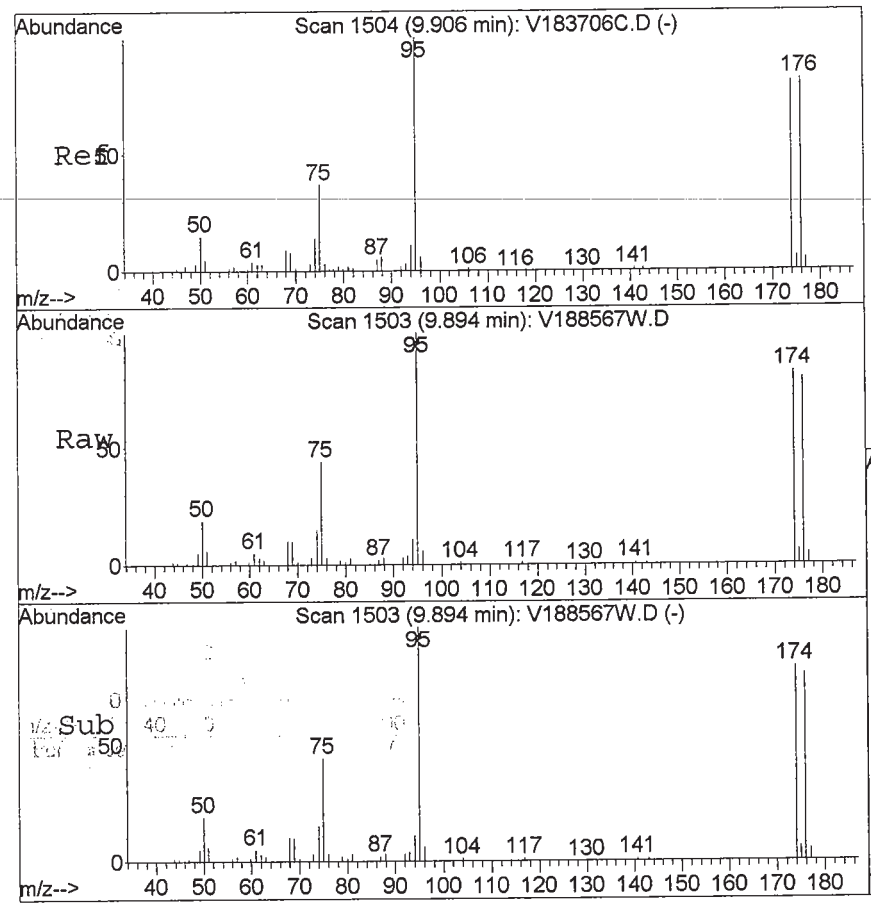


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion:152 Resp: 292865

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

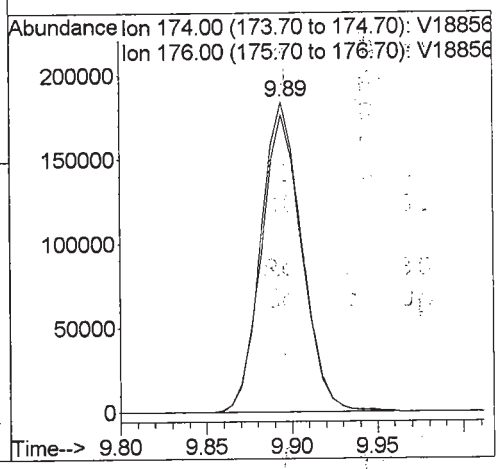




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1503
Delta R.T. -0.00 min
Lab File: V188567W.D
Acq: 29 Apr 2013 6:25 pm

Tgt Ion:174 Resp: 307652

Ion	Ratio	Lower	Upper
174	100		
176	95.0	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1C

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-03	File ID:	V188568W.D
Sampled:	04/23/13 16:45	Prepared:	04/29/13 11:17	Analyzed:	04/29/13 19:03
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-03 File ID: V188568W.D

Sampled: 04/23/13 16:45 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 19:03

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.2	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	60.6	121	72.6 - 129	
p-Bromofluorobenzene	50.0	50.2	100	63.5 - 145	
Toluene-d8	50.0	47.6	95.2	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188568W.D
Acq On : 29 Apr 2013 7:03 pm
Sample : 13D0938-03
Misc : QBV1042913A 8260 ASPB RE
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:15 2013

Vial: 17
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

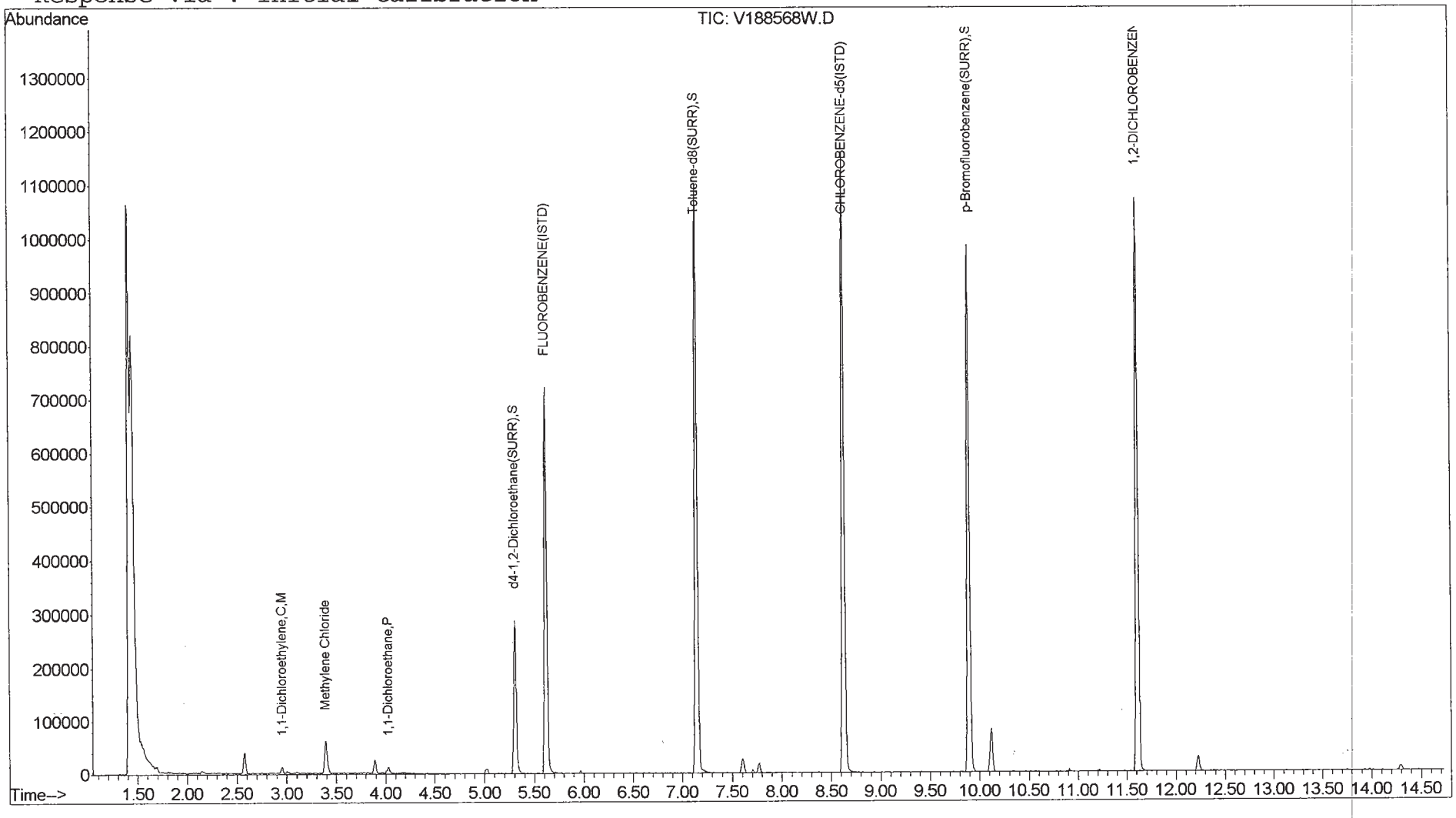
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	119137	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	714402	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	303974	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	209958	60.60	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 121.20%			
47) Toluene-d8(SURR)	7.14	98	729186	47.61	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.22%			
64) p-Bromofluorobenzene(SURR)	9.90	174	308579	50.23	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.46%			
Target Compounds						Qvalue
10) 1,1-Dichloroethylene	2.95	61	8246	1.06	ppb	# 64
17) Methylene Chloride	3.40	49	29029	5.23	ppb	95
21) 1,1-Dichloroethane	4.02	63	11595	1.49	ppb	99

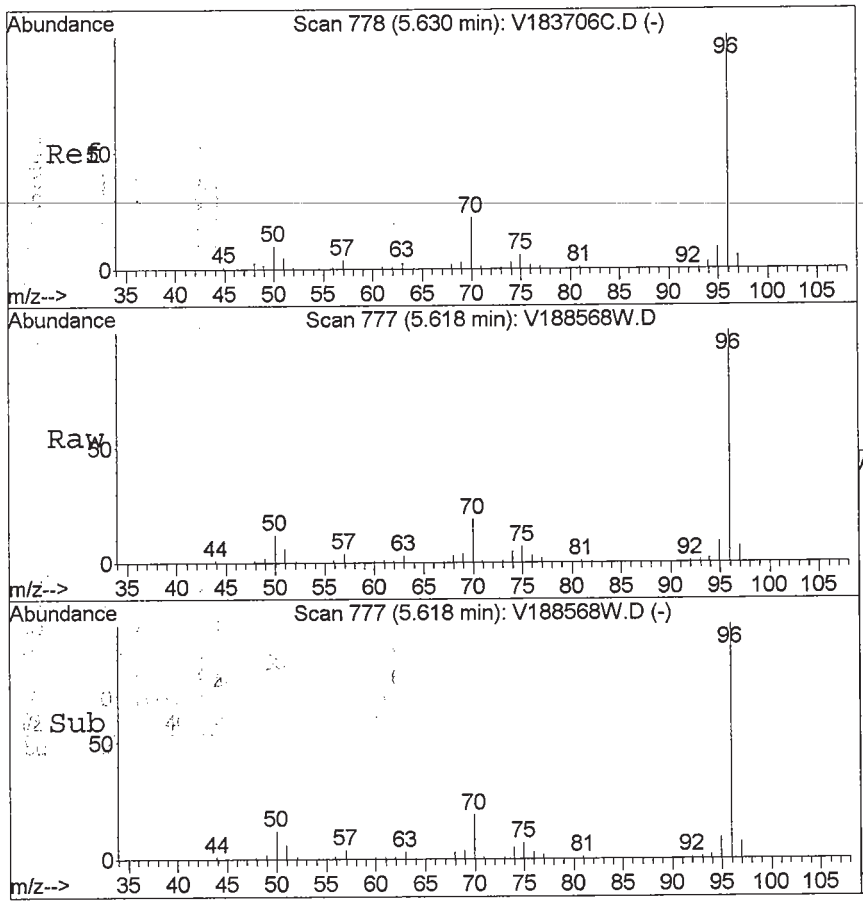
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1042913\V188568W.D Vial: 17
Acq On : 29 Apr 2013 7:03 pm Operator: SS
Sample : 13D0938-03 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB RE Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:15 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

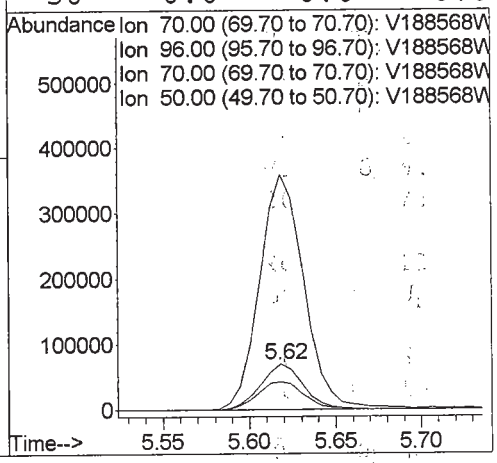


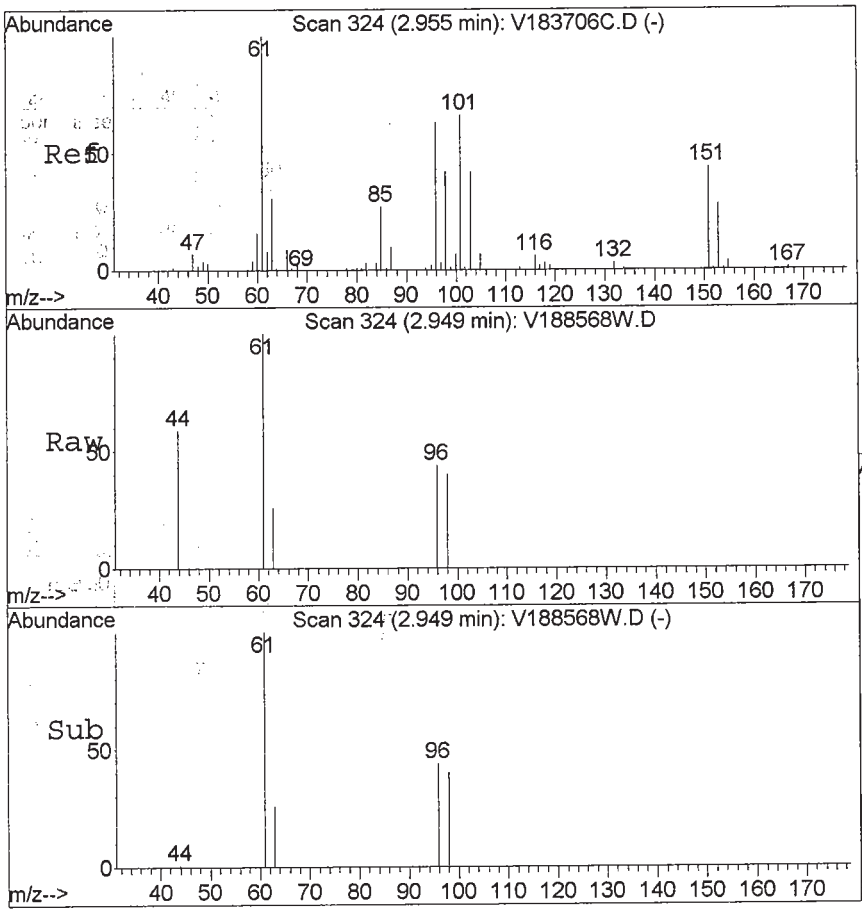


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. 0.00 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 70 Resp: 119137

Ion	Ratio	Lower	Upper
70	100		
96	536.0	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

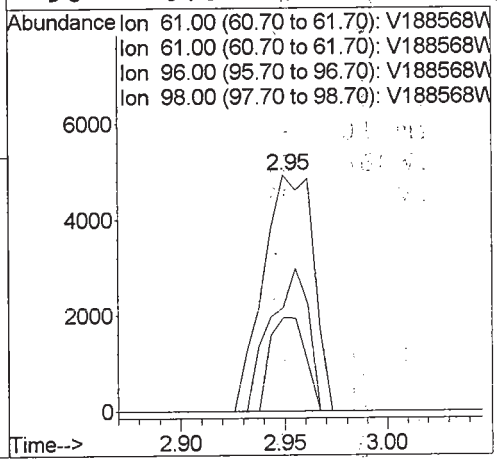


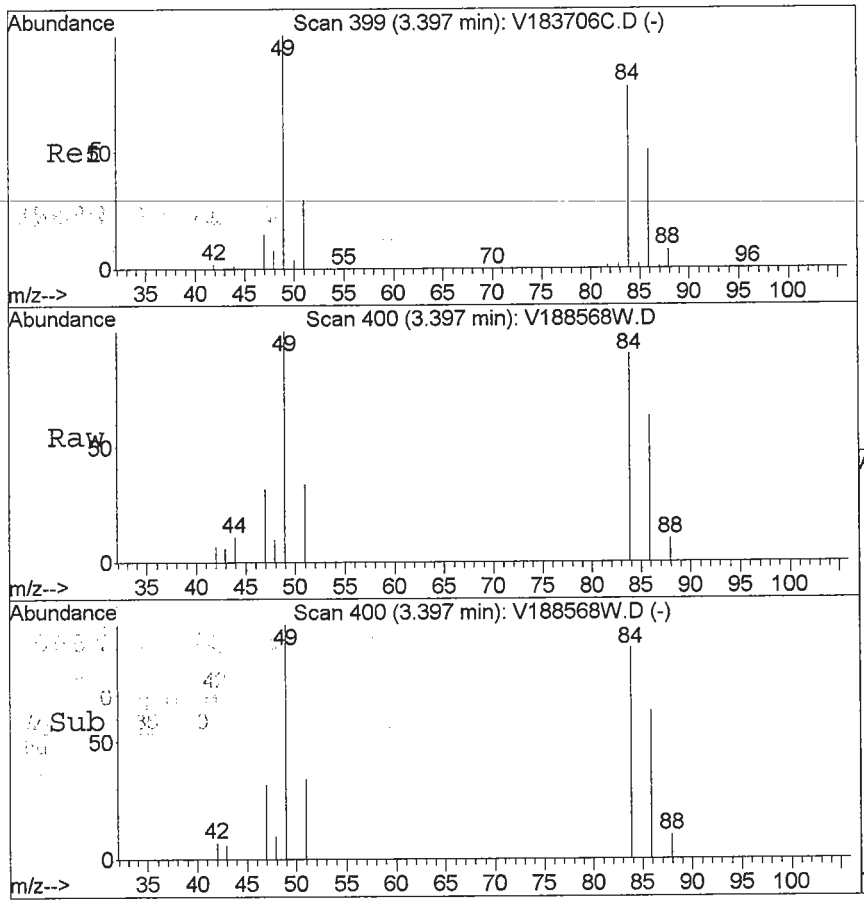


#10
1,1-Dichloroethylene
Concen: 1.06 ppb
RT: 2.95 min Scan# 324
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 61 Resp: 8246

Ion	Ratio	Lower	Upper
61	100		
61	100.0	80.0	120.0
96	0.0	46.8	70.2#
98	0.0	30.6	46.0#

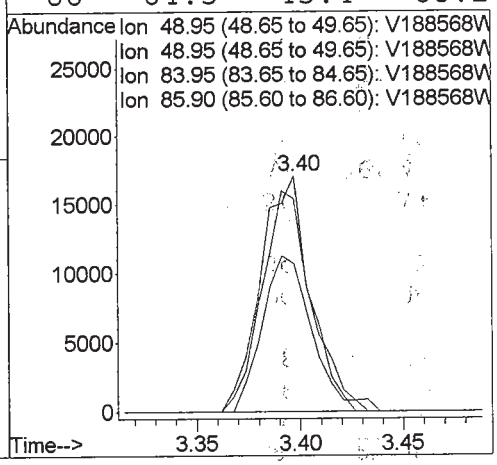


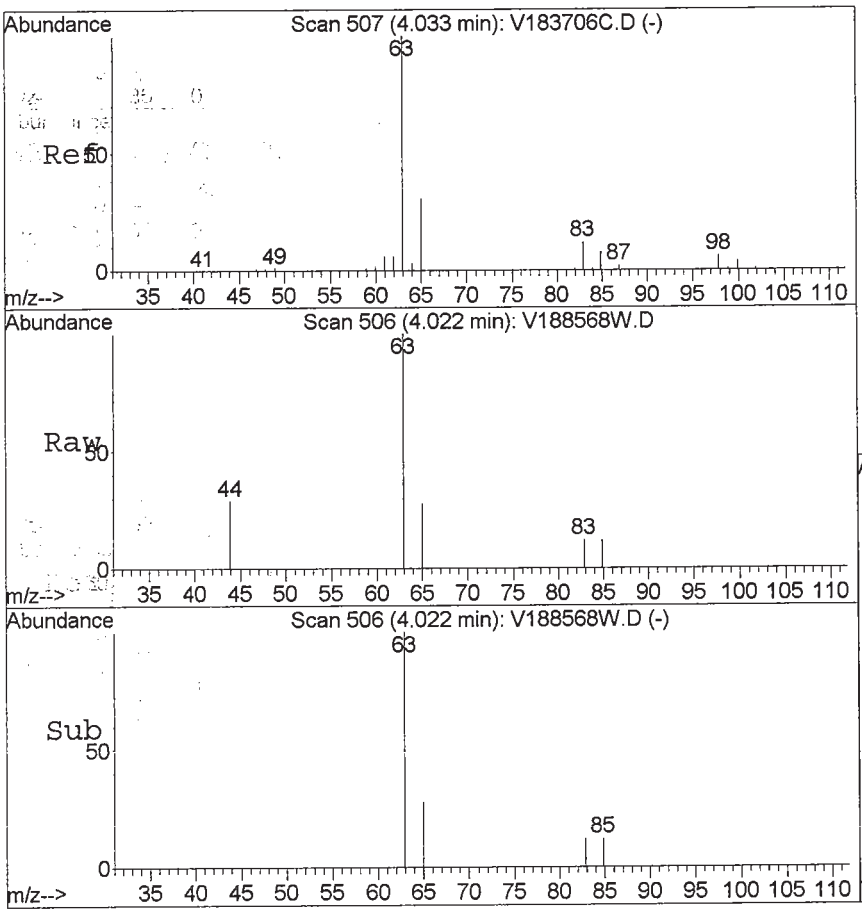


#17
Methylene Chloride
Concen: 5.23 ppb
RT: 3.40 min Scan# 400
Delta R.T. 0.00 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 49 Resp: 29029

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	89.3	66.3	99.5
86	64.3	45.4	68.2

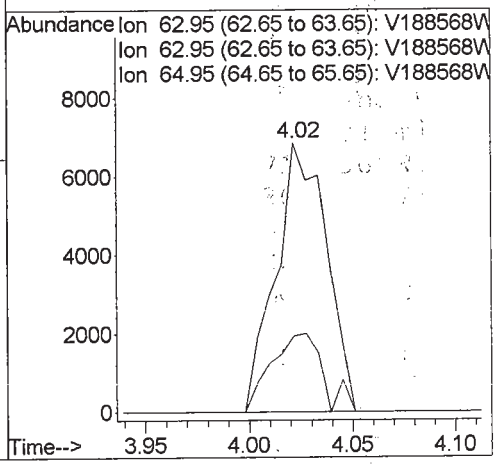


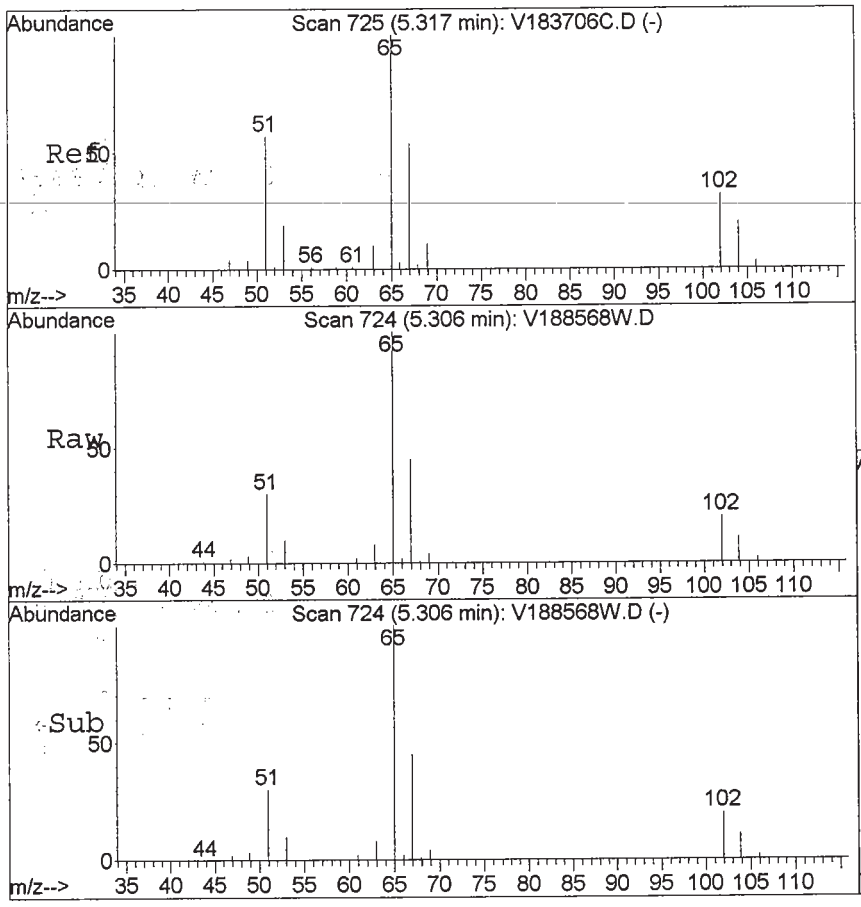


#21
1,1-Dichloroethane
Concen: 1.49 ppb
RT: 4.02 min Scan# 506
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 63 Resp: 11595

Ion	Ratio	Lower	Upper
63	100		
63	100.0	50.0	150.0
65	28.3	15.4	46.1

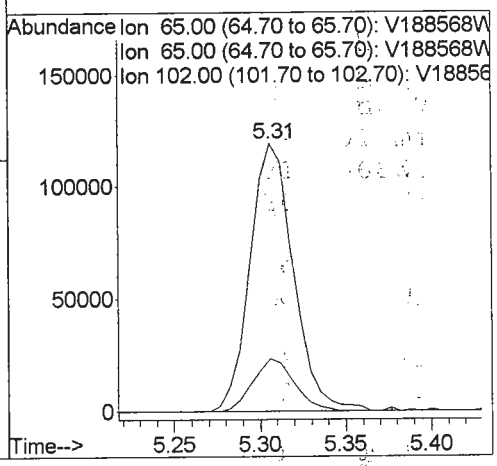


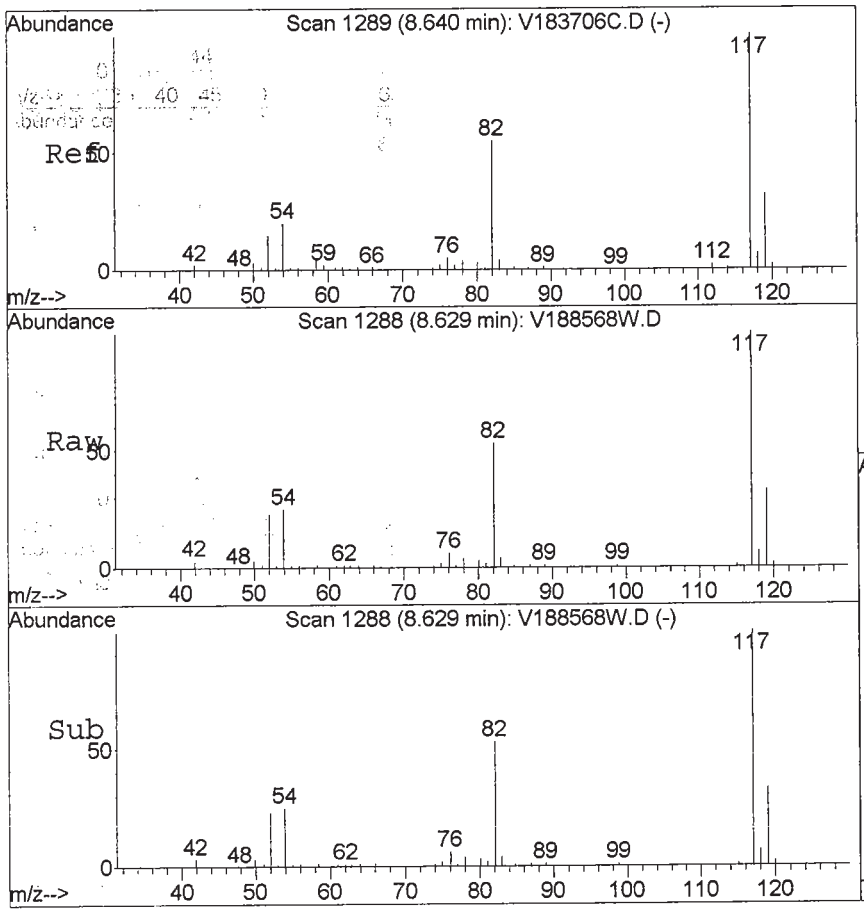


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 65 Resp: 209958

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	18.9	15.8	23.8

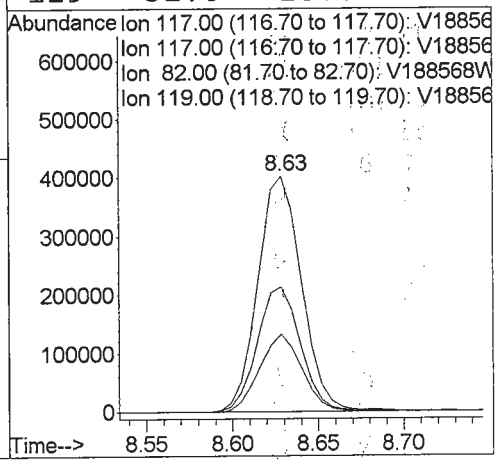


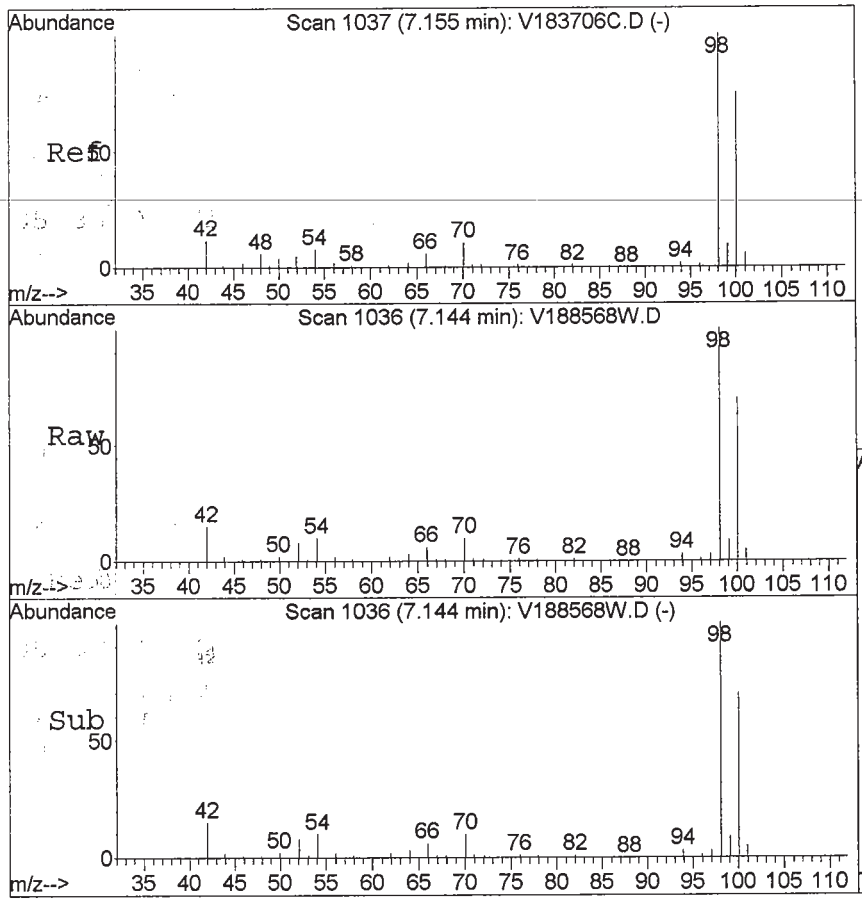


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. 0.00 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion:117 Resp: 714402

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.8	25.5	38.3

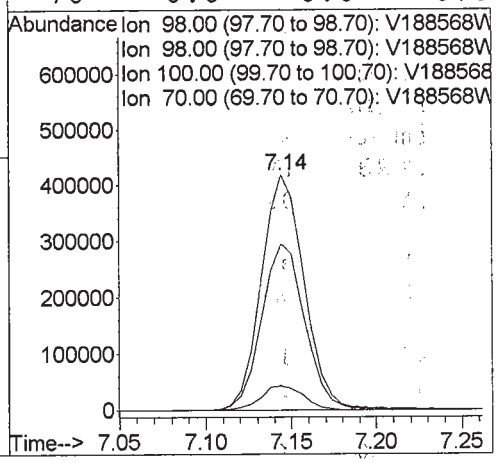


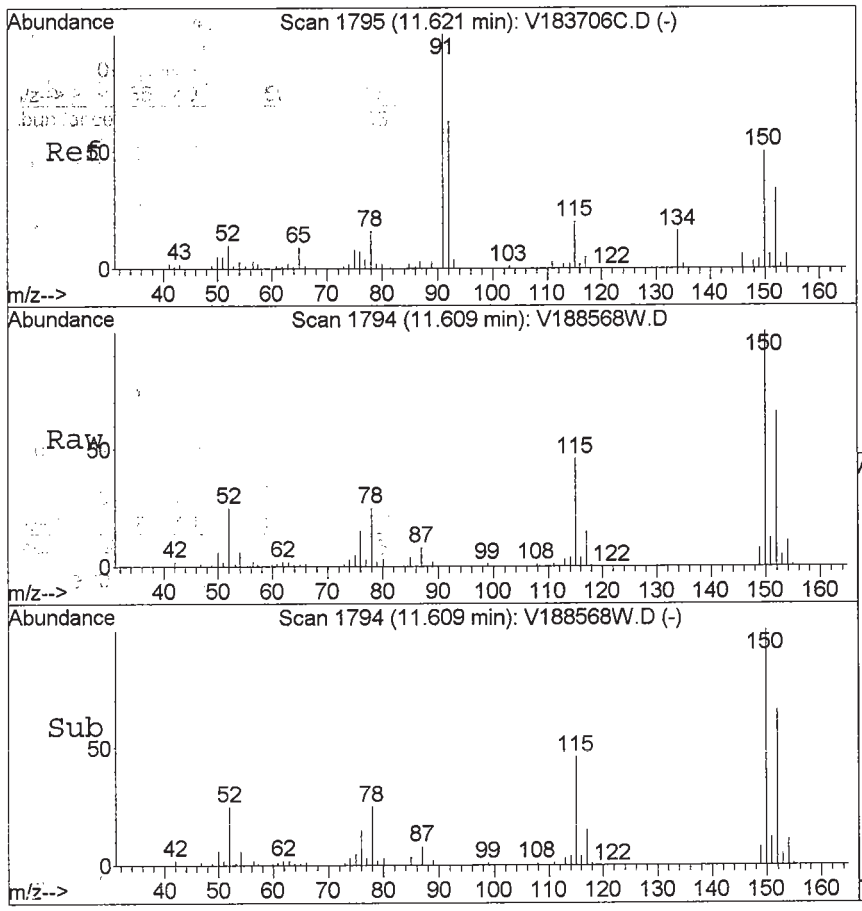


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion: 98 Resp: 729186

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.1	35.3	105.7
70	0.0	0.0	0.0

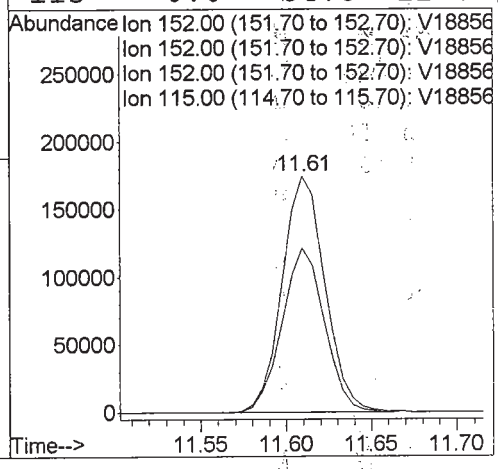


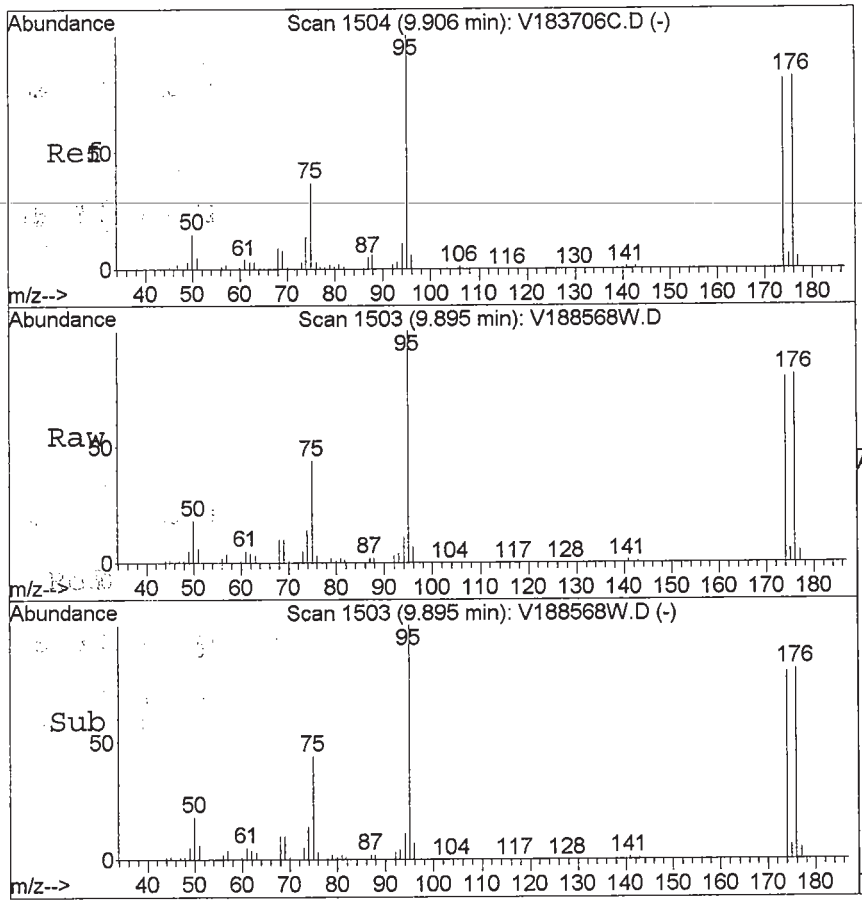


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion:152 Resp: 303974

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

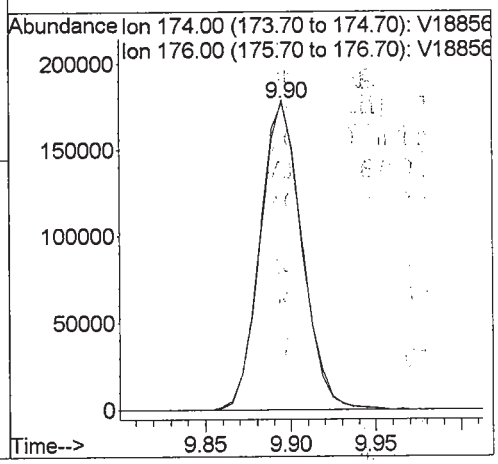




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.90 min Scan# 1503
Delta R.T. 0.00 min
Lab File: V188568W.D
Acq: 29 Apr 2013 7:03 pm

Tgt Ion:174 Resp: 308579

Ion	Ratio	Lower	Upper
174	100		
176	97.2	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-04	File ID:	V188540W.D
Sampled:	04/23/13 16:10	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 01:25
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	15	
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-04	File ID:	V188540W.D
Sampled:	04/23/13 16:10	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 01:25
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.4	109	72.6 - 129	
p-Bromofluorobenzene	50.0	48.9	97.8	63.5 - 145	
Toluene-d8	50.0	49.3	98.7	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188540W.D Vial: 27
Acq On : 27 Apr 2013 1:25 am Operator: SS
Sample : 13D0938-04 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:05 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

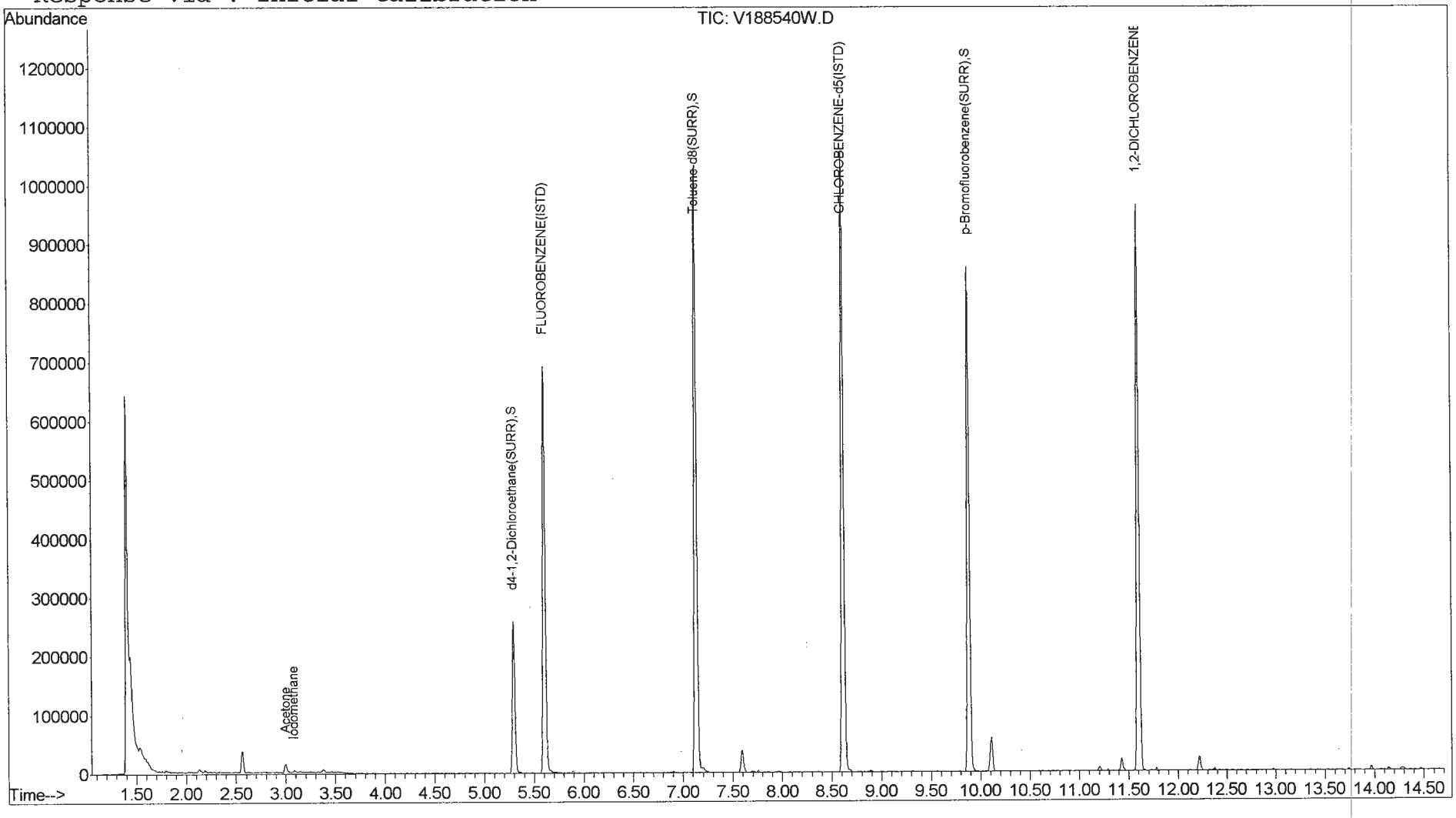
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.60	70	116238	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.61	117	648071	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	271228	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	183993	54.43	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 108.86%			
47) Toluene-d8(SURR)	7.14	98	685595	49.34	ppb	-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.68%			
64) p-Bromofluorobenzene(SURR)	9.88	174	268028	48.89	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 97.78%			
Target Compounds						Qvalue
12) Iodomethane	3.08	142	4139	1.03	ppb	# 77
20) Acetone	2.99	43	18864	14.51	ppb	# 94

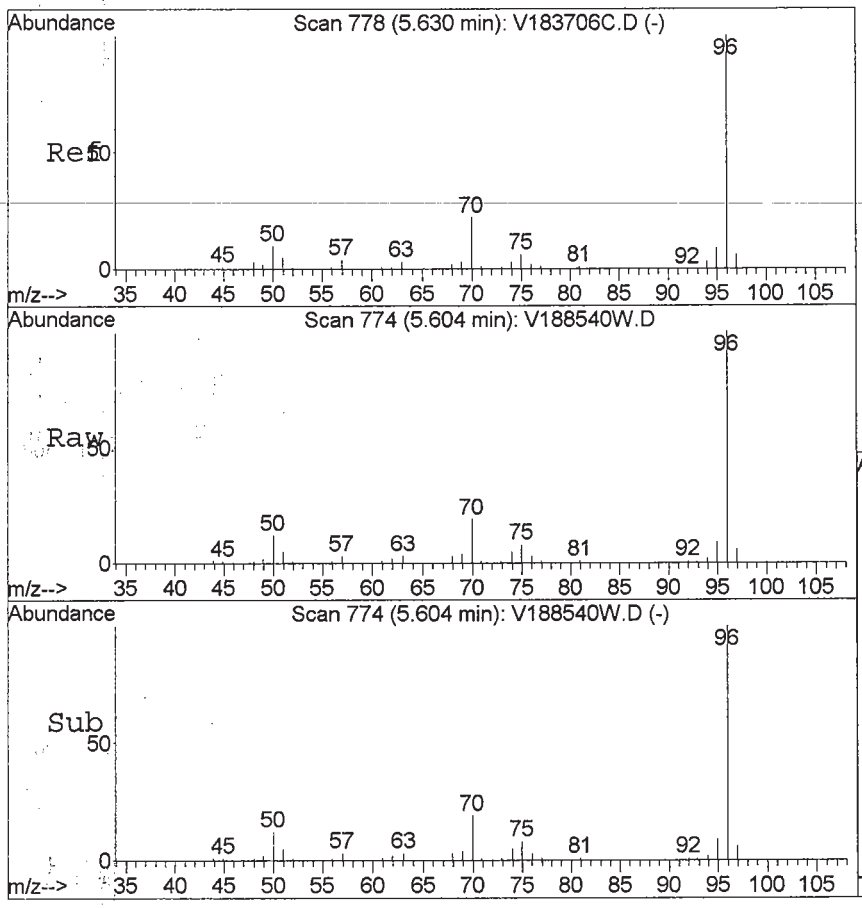
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188540W.D Vial: 27
Acq On : 27 Apr 2013 1:25 am Operator: SS
Sample : 13D0938-04 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:05 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

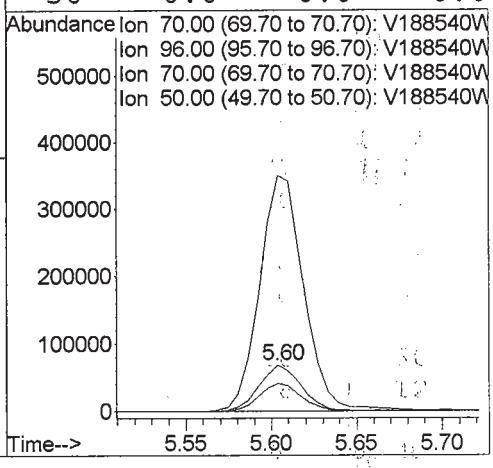


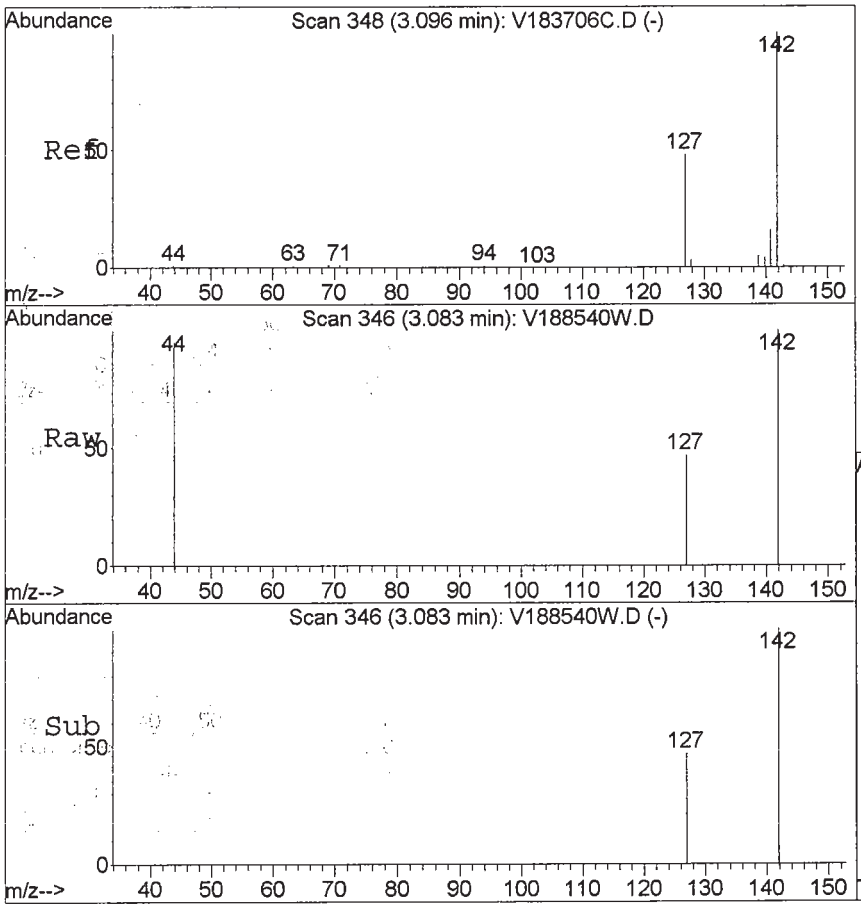


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.60 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion: 70 Resp: 116238

Ion	Ratio	Lower	Upper
70	100		
96	536.8	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

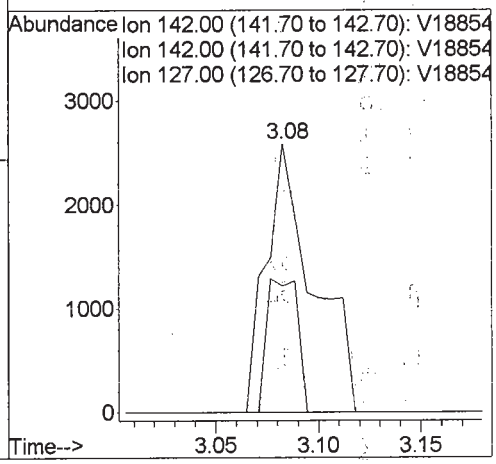


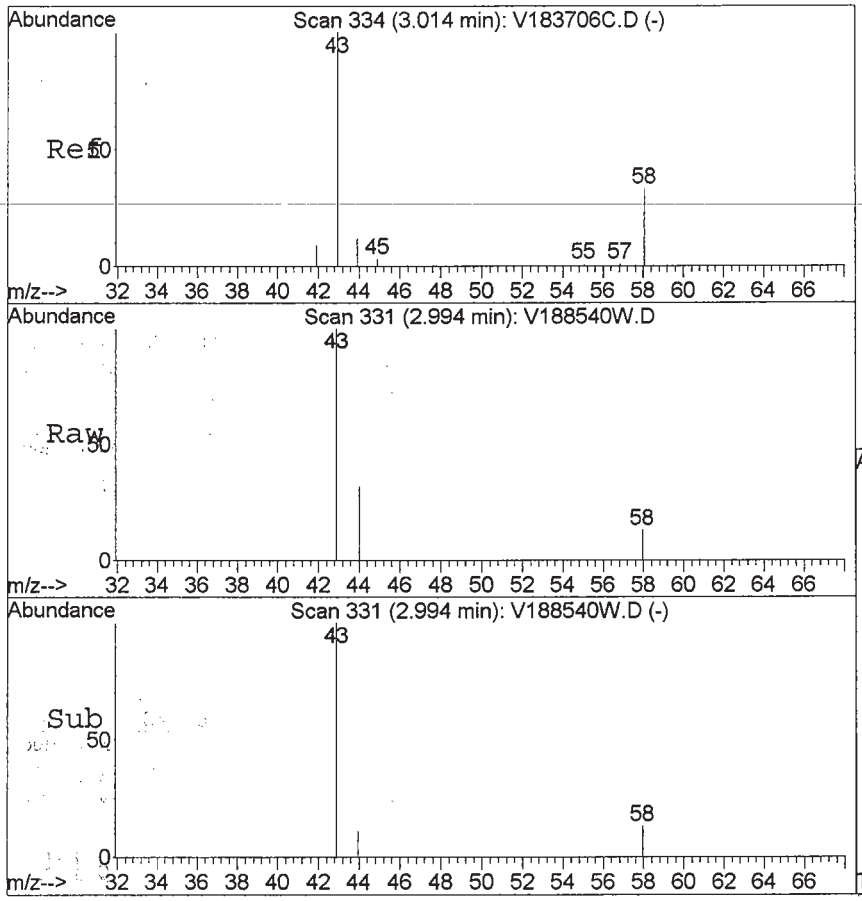


#12
Iodomethane
Concen: 1.03 ppb
RT: 3.08 min Scan# 346
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion:142 Resp: 4139

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

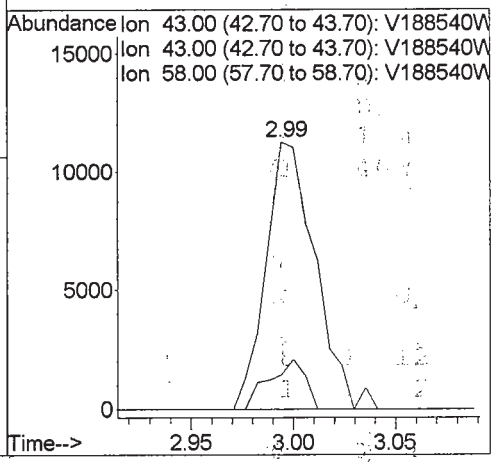


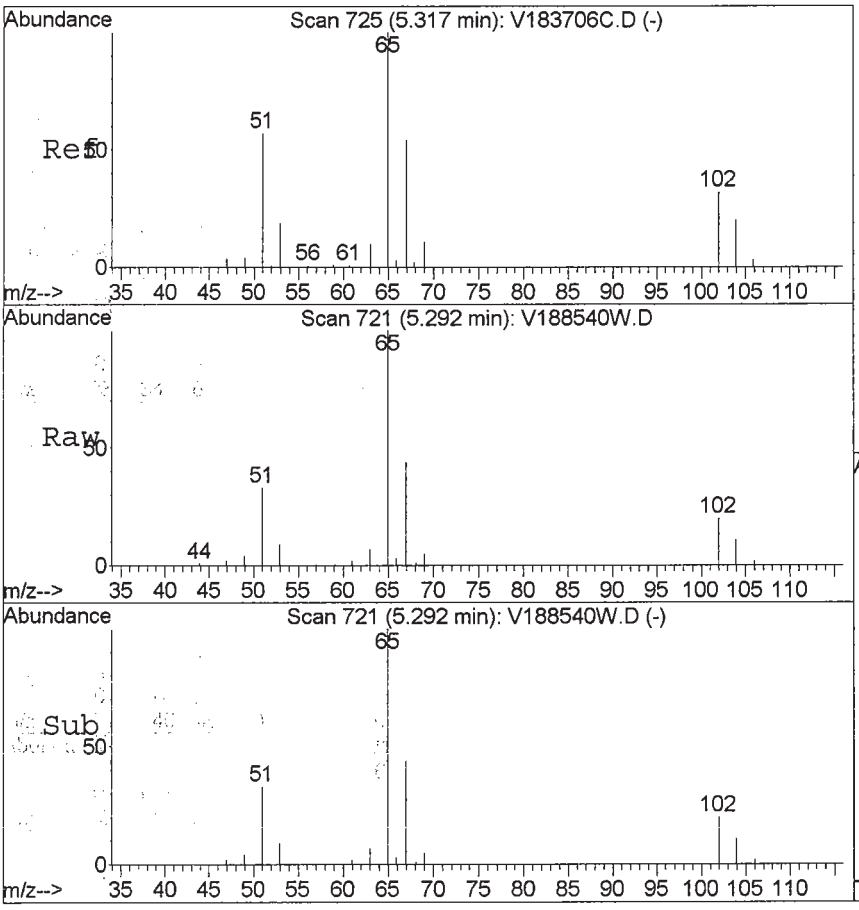


#20
Acetone
Concen: 14.51 ppb
RT: 2.99 min Scan# 331
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion: 43 Resp: 18864

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	14.5	21.7#

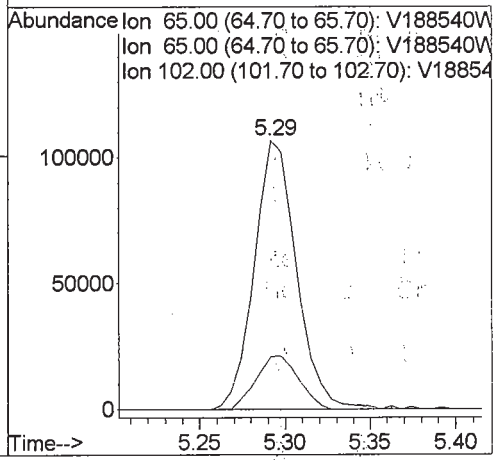


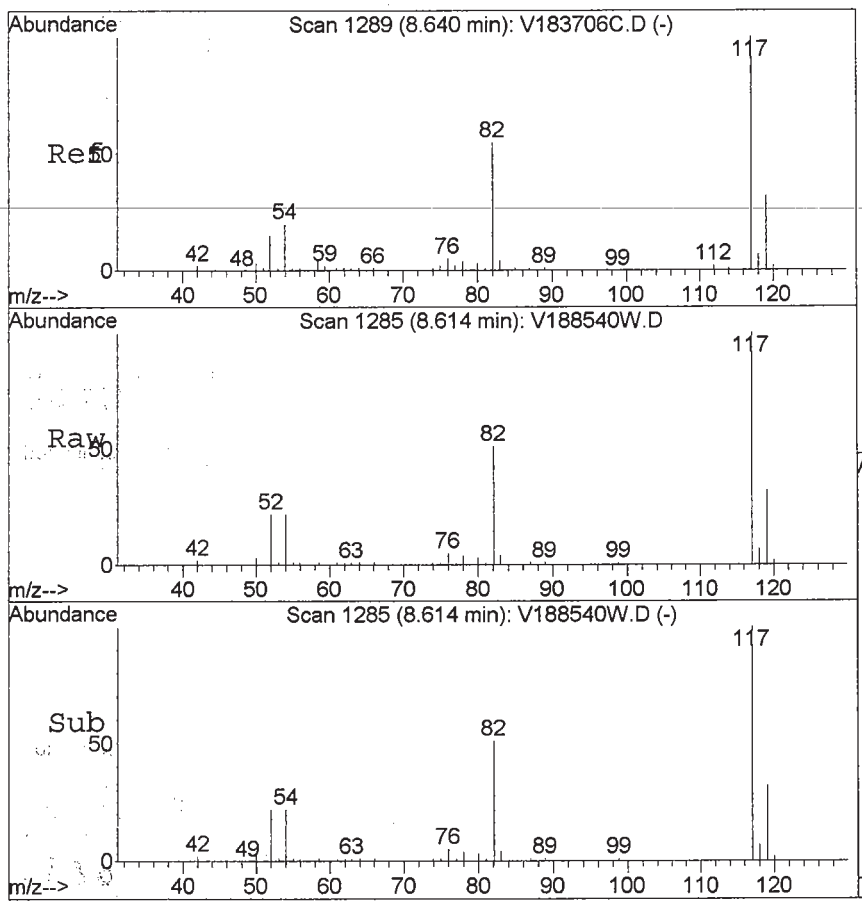


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion: 65 Resp: 183993

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.1	15.8	23.8

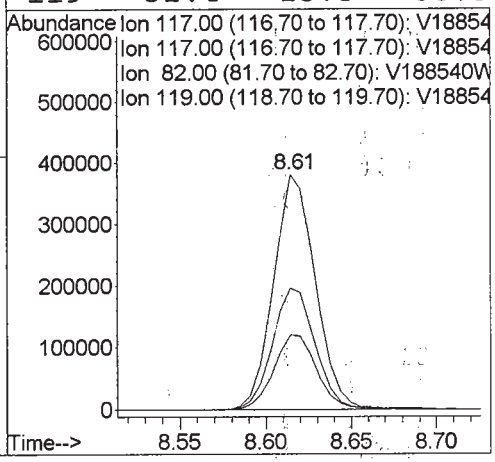


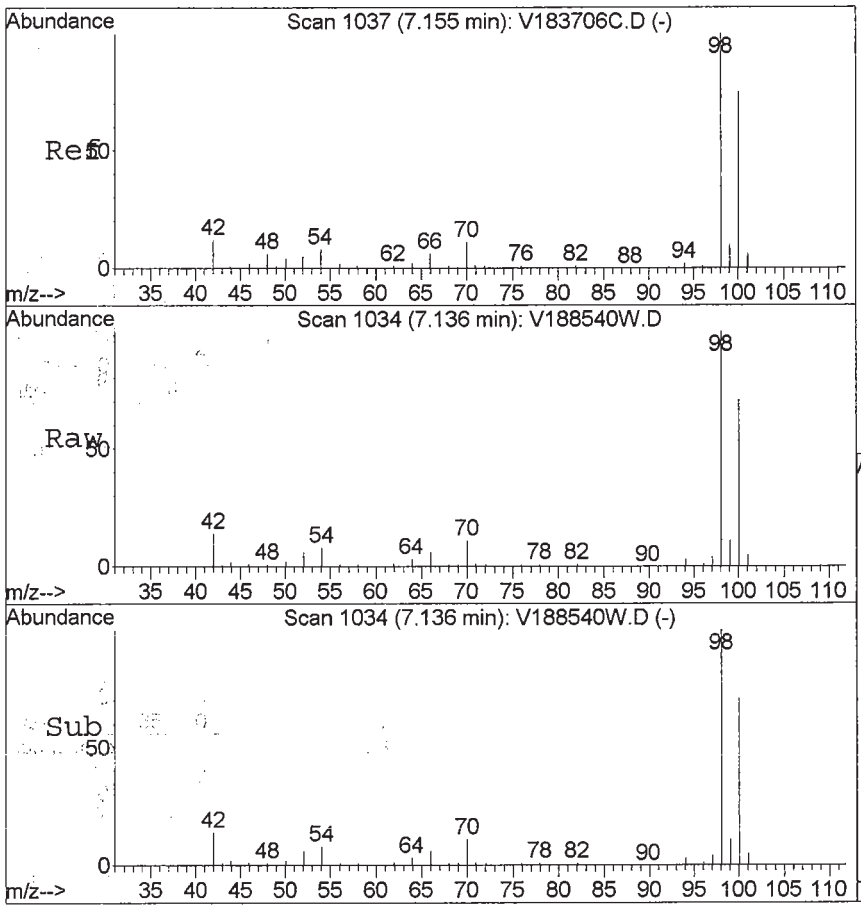


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.61 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion:117 Resp: 648071

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.4	25.5	38.3

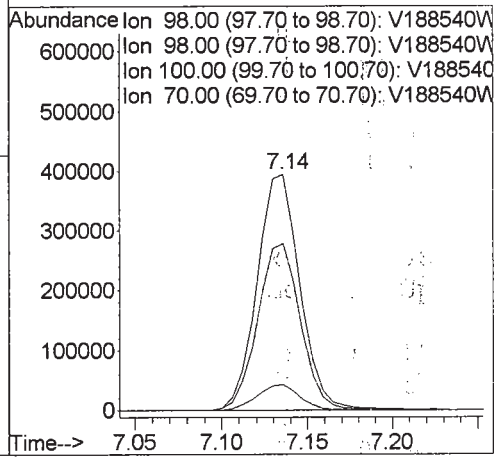


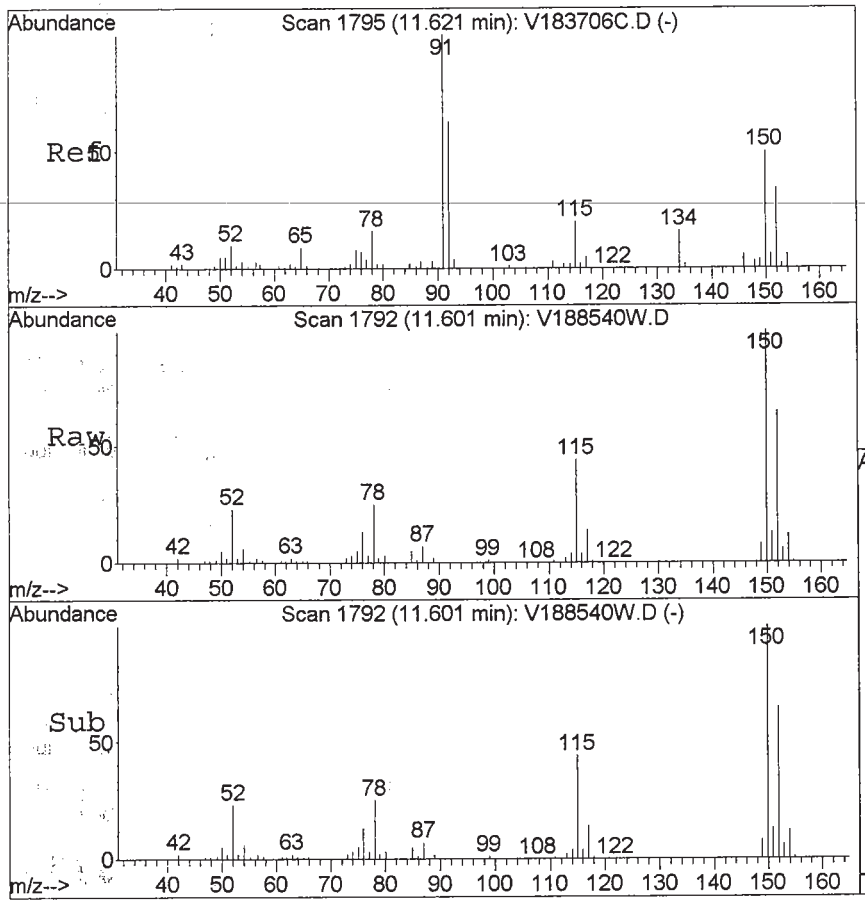


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1034
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion: 98 Resp: 685595

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.5	35.3	105.7
70	0.0	0.0	0.0

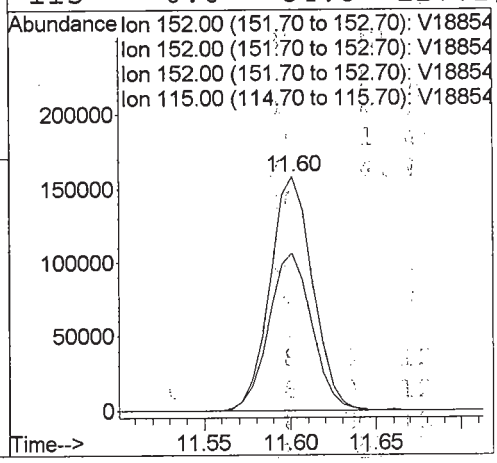


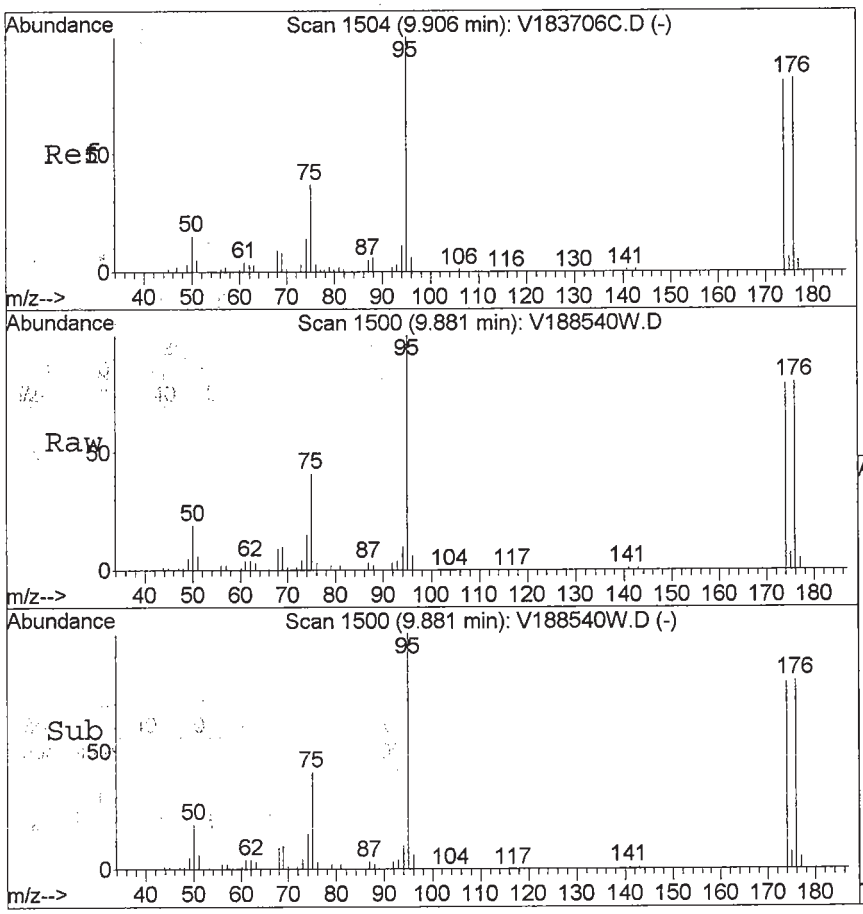


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion:152 Resp: 271228

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

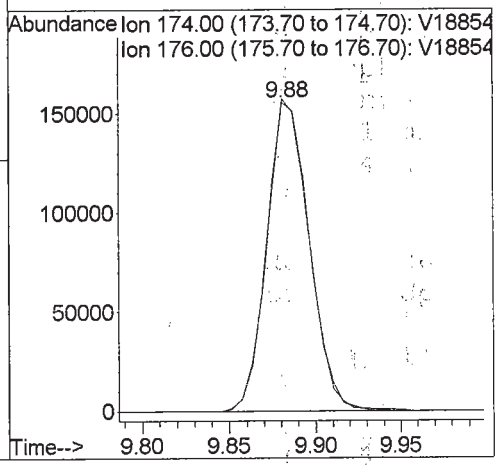




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188540W.D
Acq: 27 Apr 2013 1:25 am

Tgt Ion:174 Resp: 268028

Ion	Ratio	Lower	Upper
174	100		
176	99.5	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-05	File ID:	V188541W.D
Sampled:	04/23/13 18:50	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 02:04
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-05 File ID: V188541W.D

Sampled: 04/23/13 18:50 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:04

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.1	108	72.6 - 129	
p-Bromofluorobenzene	50.0	50.7	101	63.5 - 145	
Toluene-d8	50.0	49.1	98.1	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188541W.D Vial: 28
Acq On : 27 Apr 2013 2:04 am Operator: SS
Sample : 13D0938-05 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:05 2013 Quant Results File: V1C00360.RES

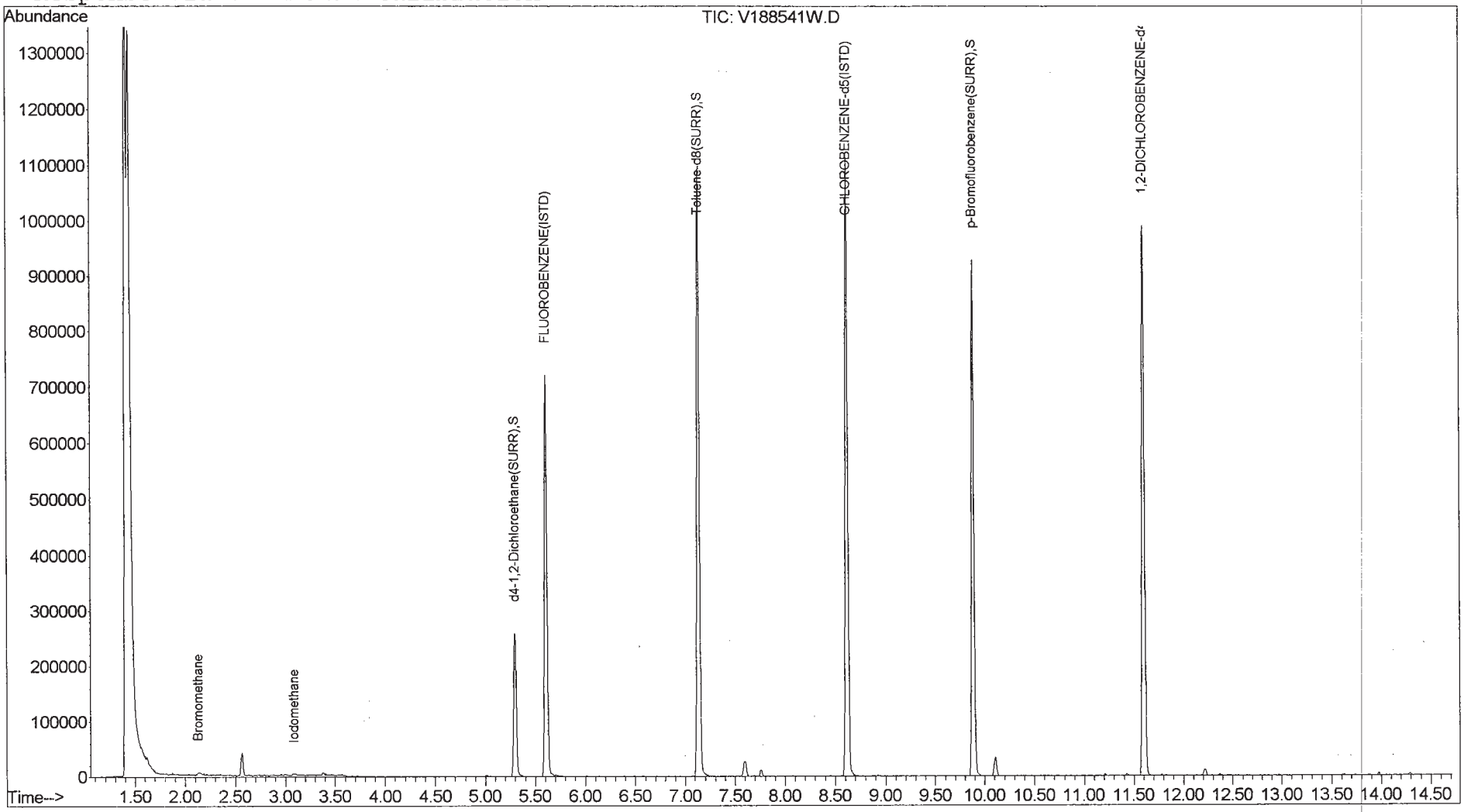
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

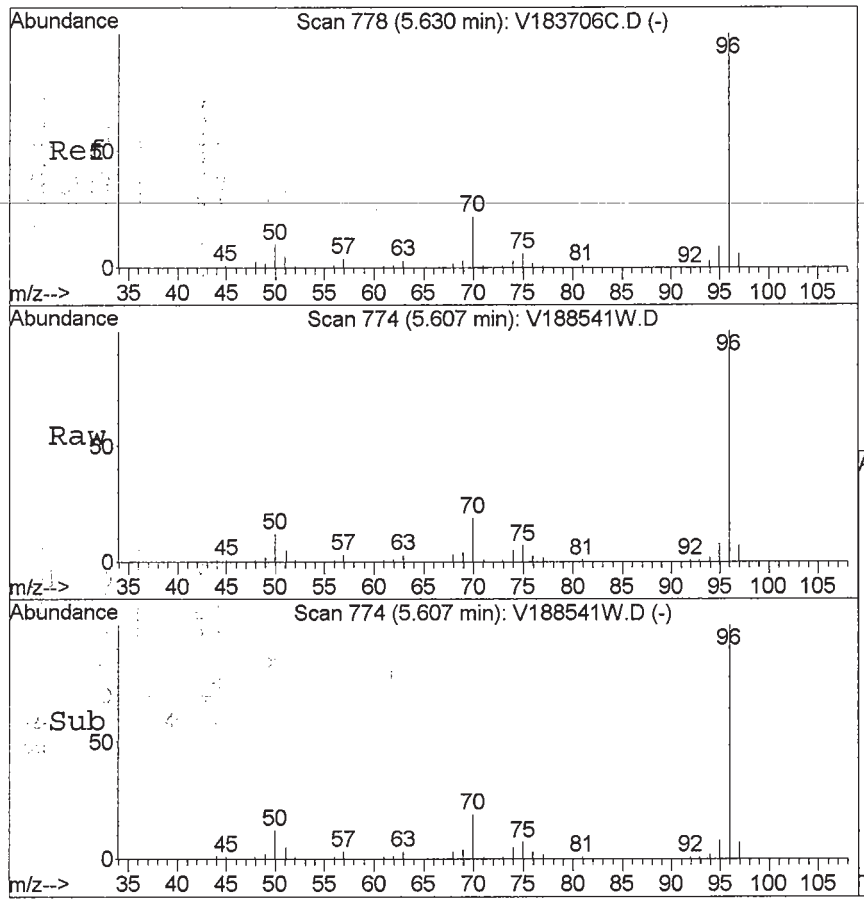
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	124458	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	687411	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	281025	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	195784	54.09	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 108.18%			
47) Toluene-d8(SURR)	7.13	98	723054	49.06	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.12%			
64) p-Bromofluorobenzene(SURR)	9.88	174	287965	50.70	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.40%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	8130	2.03	ppb	# 74
12) Iodomethane	3.09	142	3833	0.89	ppb	# 77

(#) = qualifier out of range (m) = manual integration

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188541W.D Vial: 28
Acq On : 27 Apr 2013 2:04 am Operator: SS
Sample : 13D0938-05 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:05 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

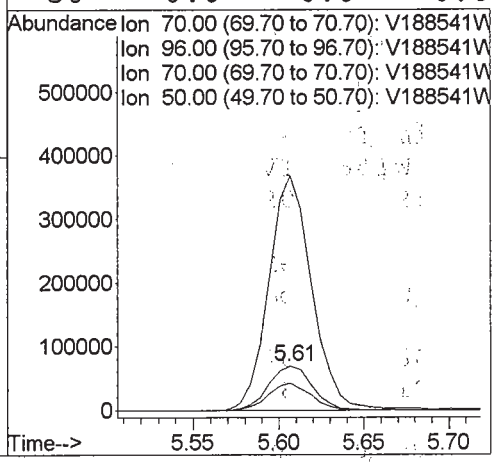


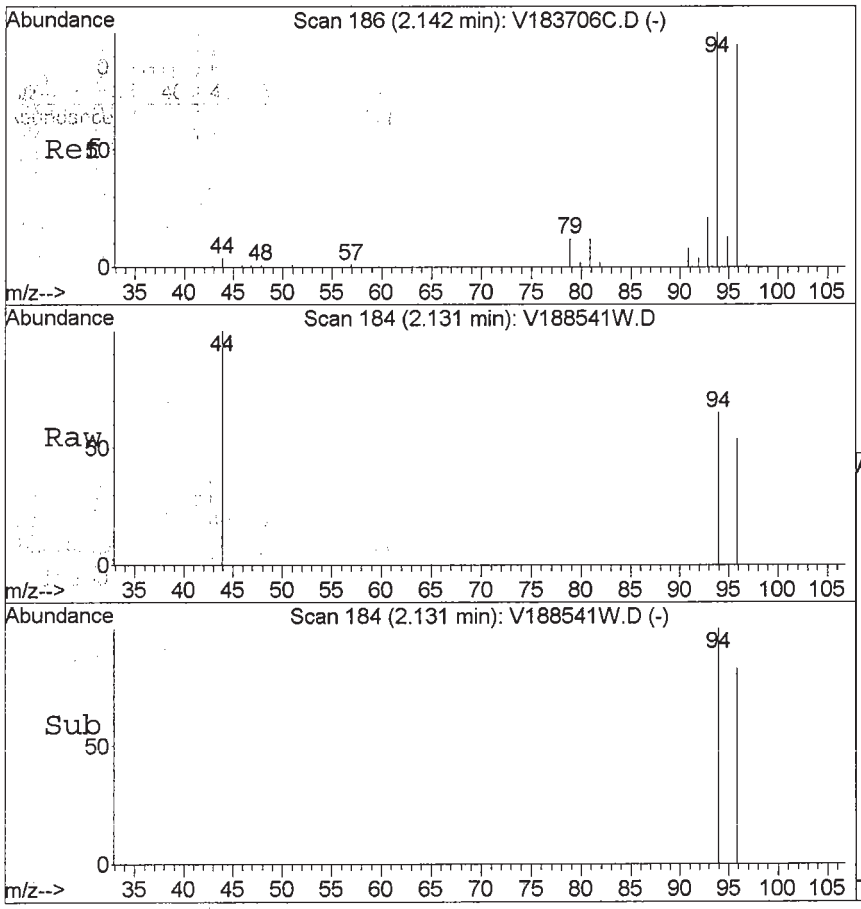


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion: 70 Resp: 124458

Ion	Ratio	Lower	Upper
70	100		
96	516.6	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

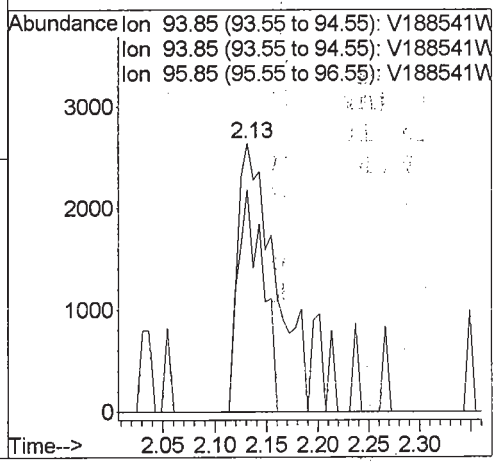


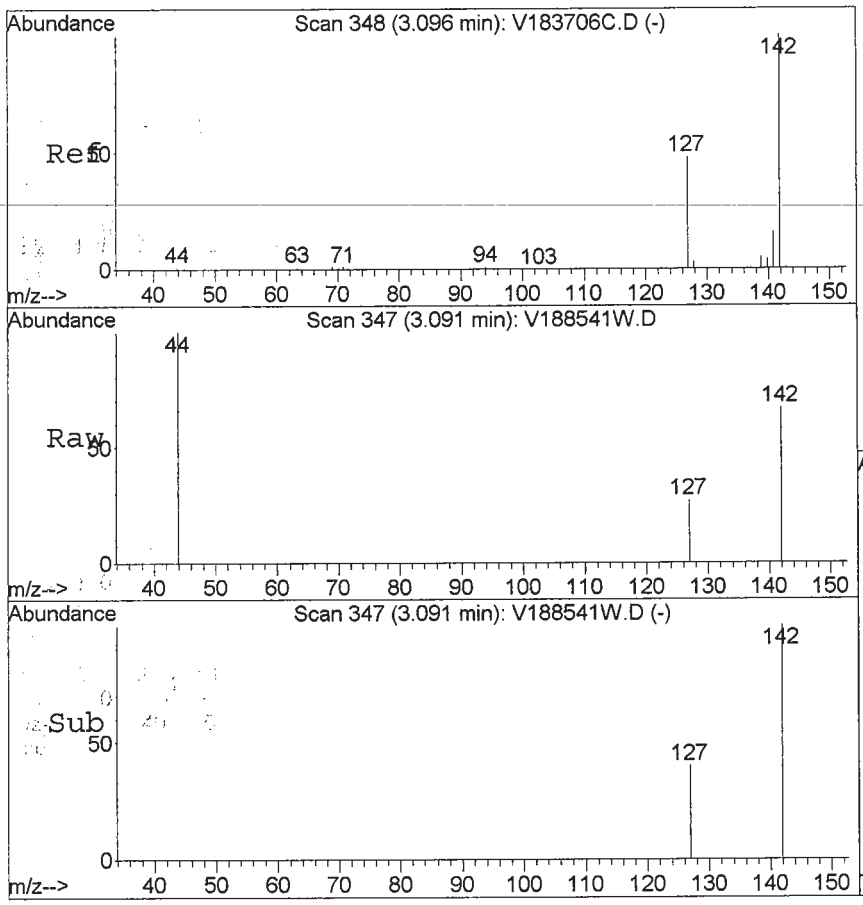


#5
Bromomethane
Concen: 2.03 ppb
RT: 2.13 min Scan# 184
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion: 94 Resp: 8130

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	45.4	77.5	116.3#

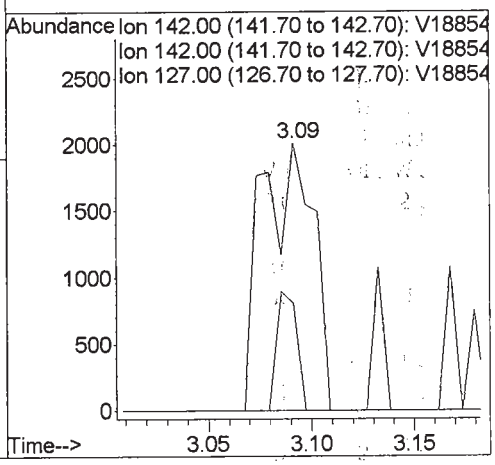


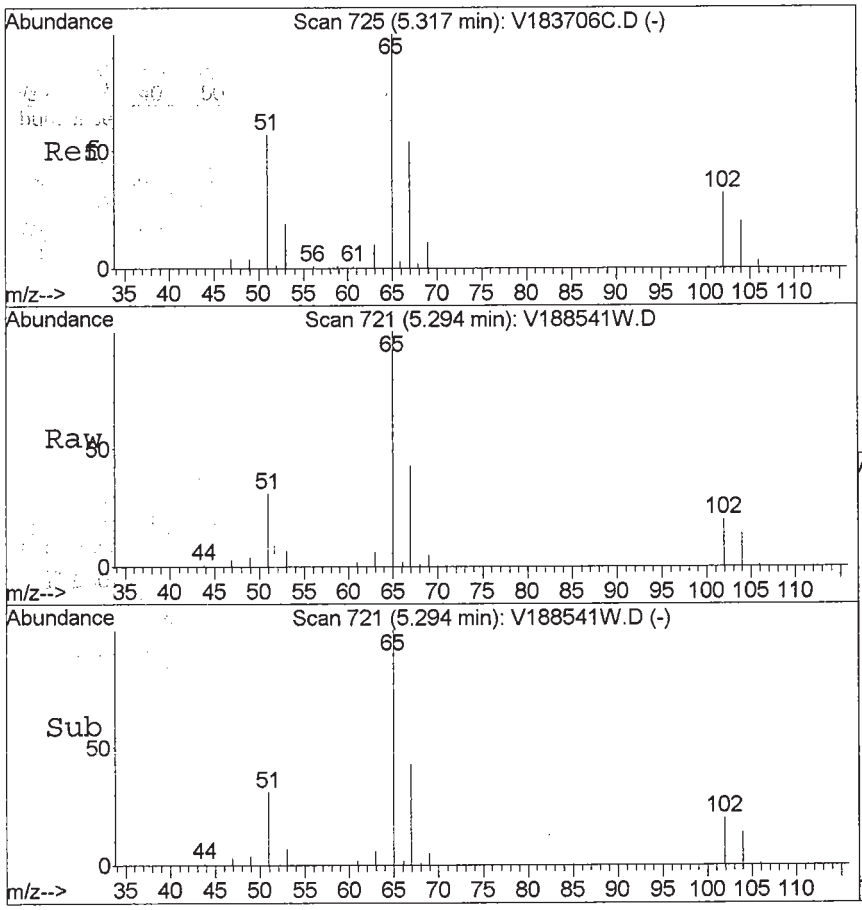


#12
Iodomethane
Concen: 0.89 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion:142 Resp: 3833

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

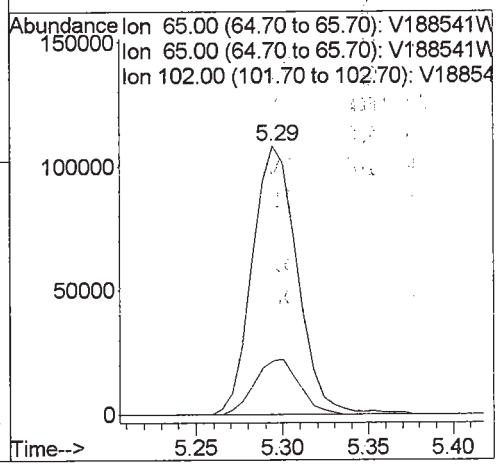


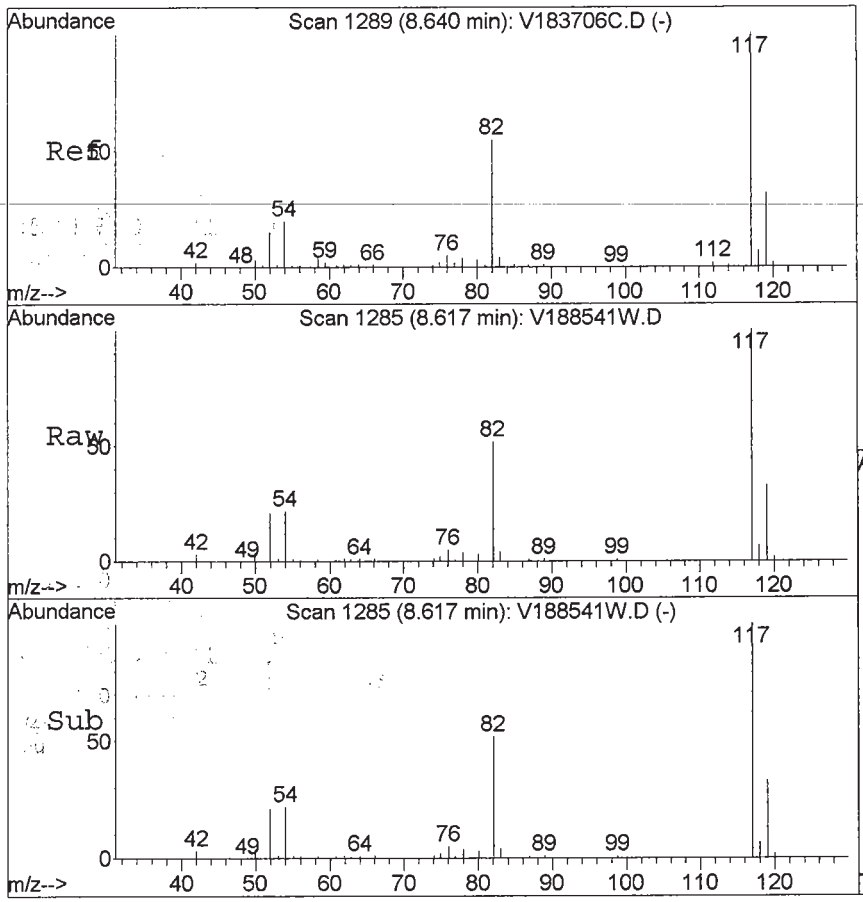


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion: 65 Resp: 195784

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.4	15.8	23.8

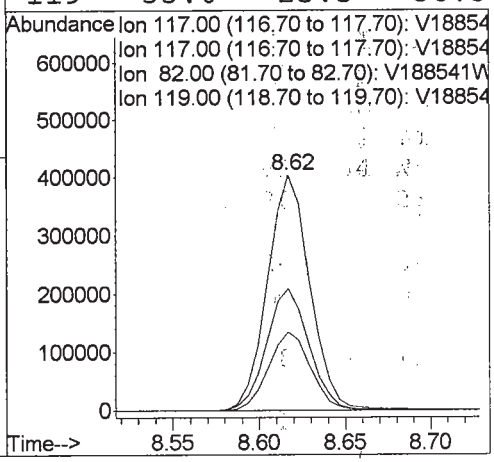


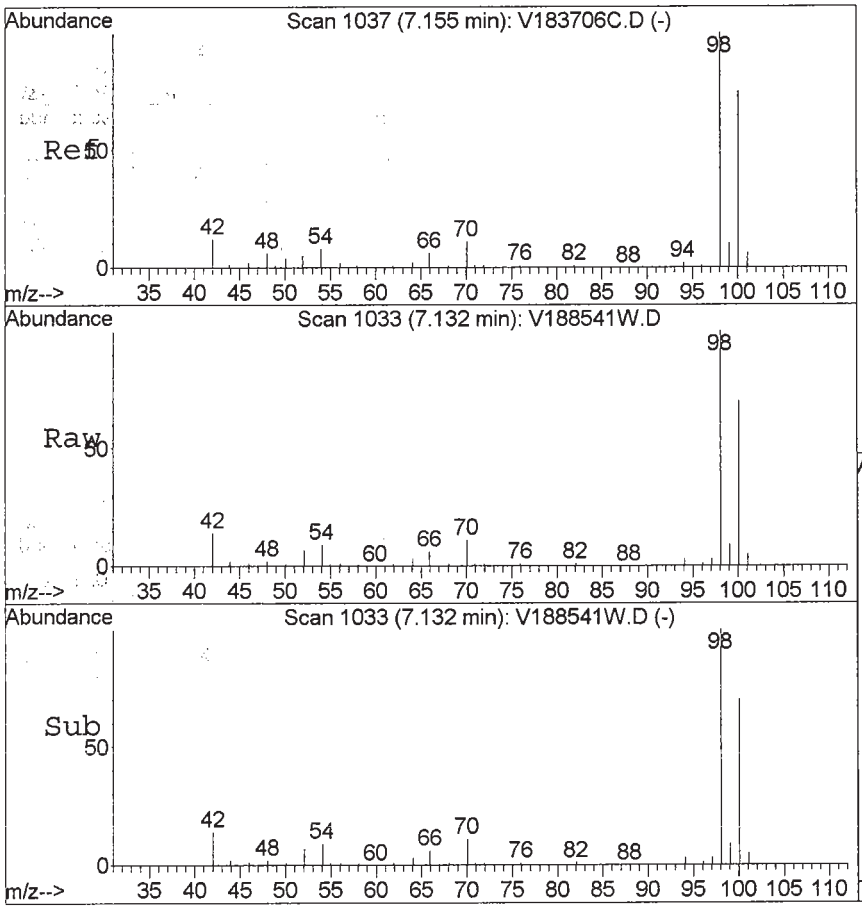


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion:117 Resp: 687411

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	33.0	25.5	38.3

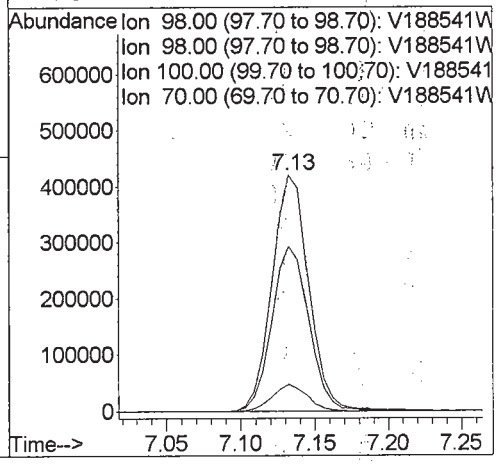


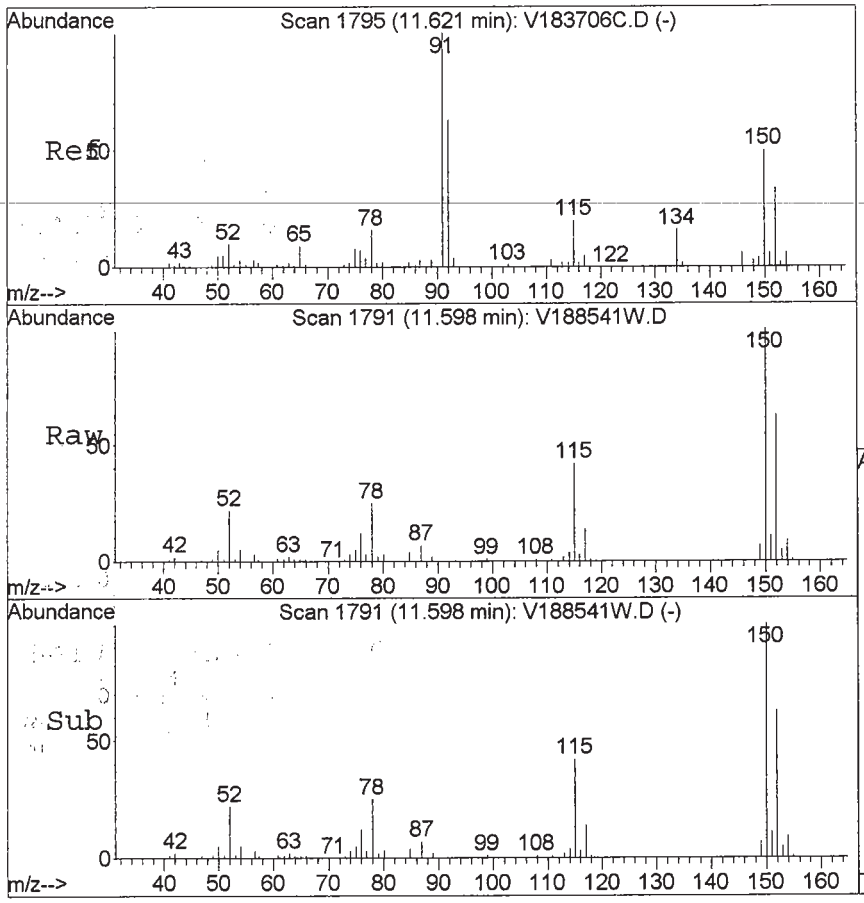


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1033
Delta R.T. -0.02 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion: 98 Resp: 723054

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.3	35.3	105.7
70	0.0	0.0	0.0

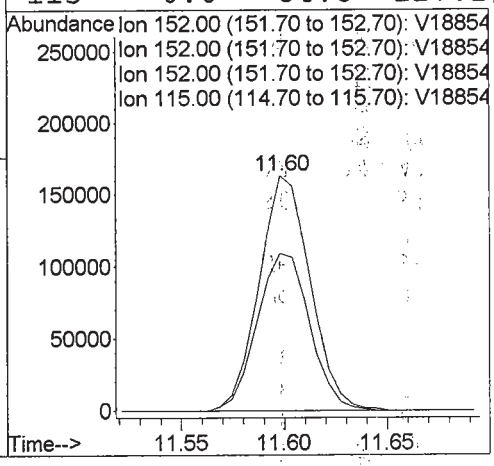


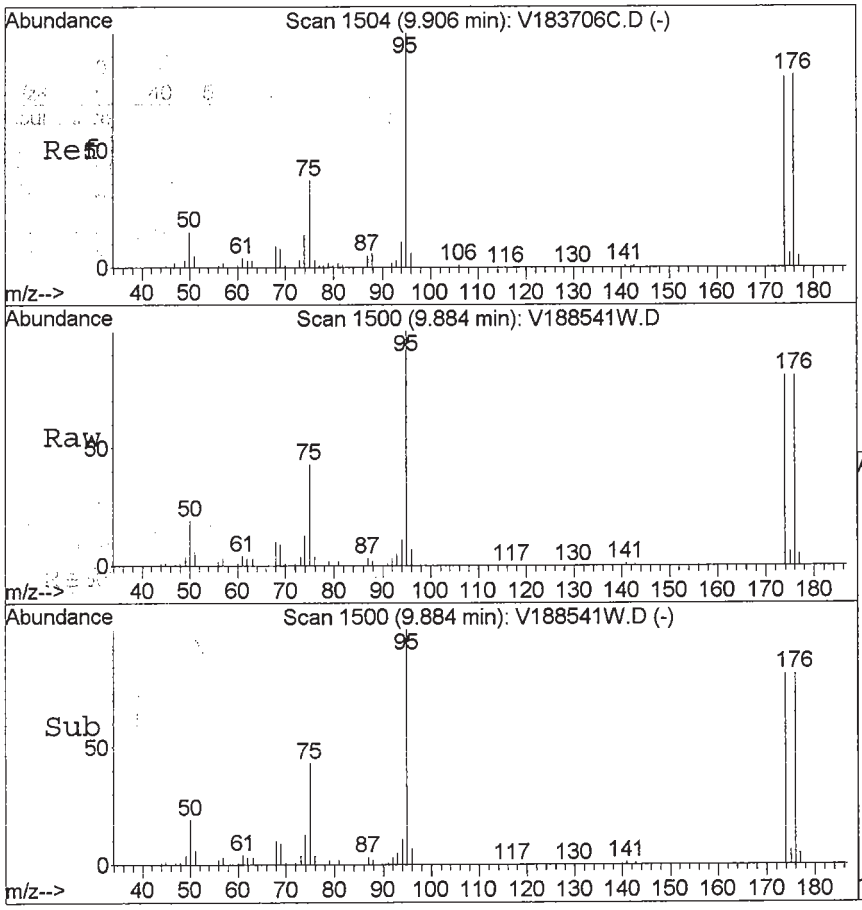


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1791
Delta R.T. -0.02 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion:152 Resp: 281025

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

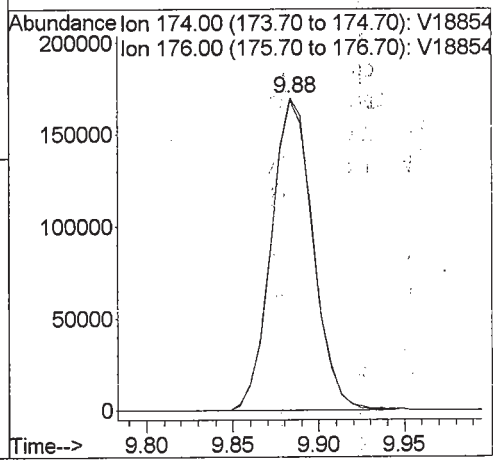




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188541W.D
Acq: 27 Apr 2013 2:04 am

Tgt Ion:174 Resp: 287965

Ion	Ratio	Lower	Upper
174	100		
176	99.1	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-06 File ID: V188542W.D

Sampled: 04/23/13 18:23 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:43

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-06	File ID:	V188542W.D
Sampled:	04/23/13 18:23	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 02:43
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.2	110	72.6 - 129	
p-Bromofluorobenzene	50.0	50.4	101	63.5 - 145	
Toluene-d8	50.0	49.4	98.8	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188542W.D Vial: 29
Acq On : 27 Apr 2013 2:43 am Operator: SS
Sample : 13D0938-06 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:06 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

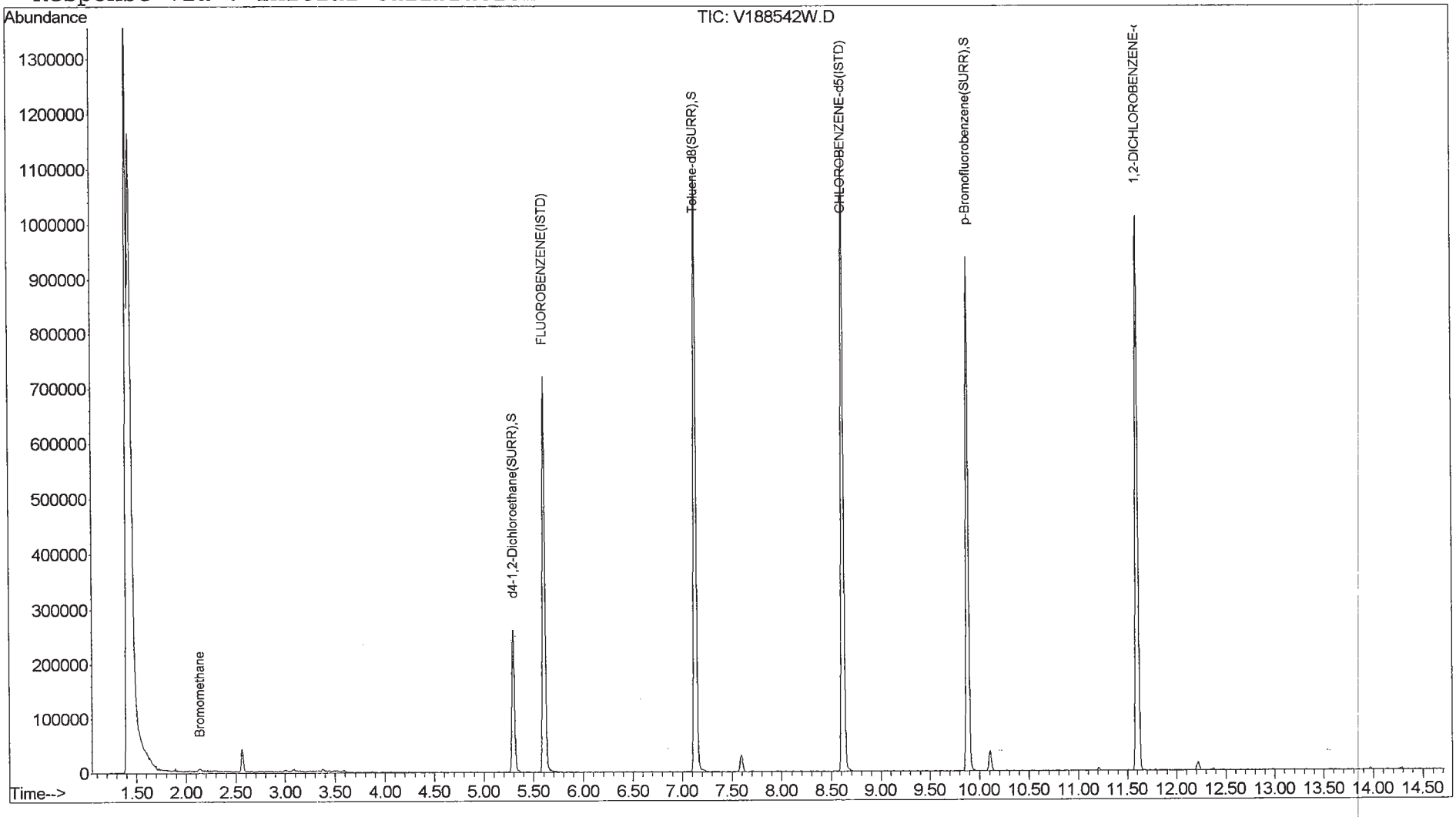
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	120929	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	687128	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	287076	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	194236	55.23	ppb	-0.01
Spiked Amount 50.000	Range 64 - 122		Recovery = 110.46%			
47) Toluene-d8(SURR)	7.13	98	727607	49.39	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.78%			
64) p-Bromofluorobenzene(SURR)	9.88	174	292610	50.43	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.86%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	4240	1.09	ppb	94

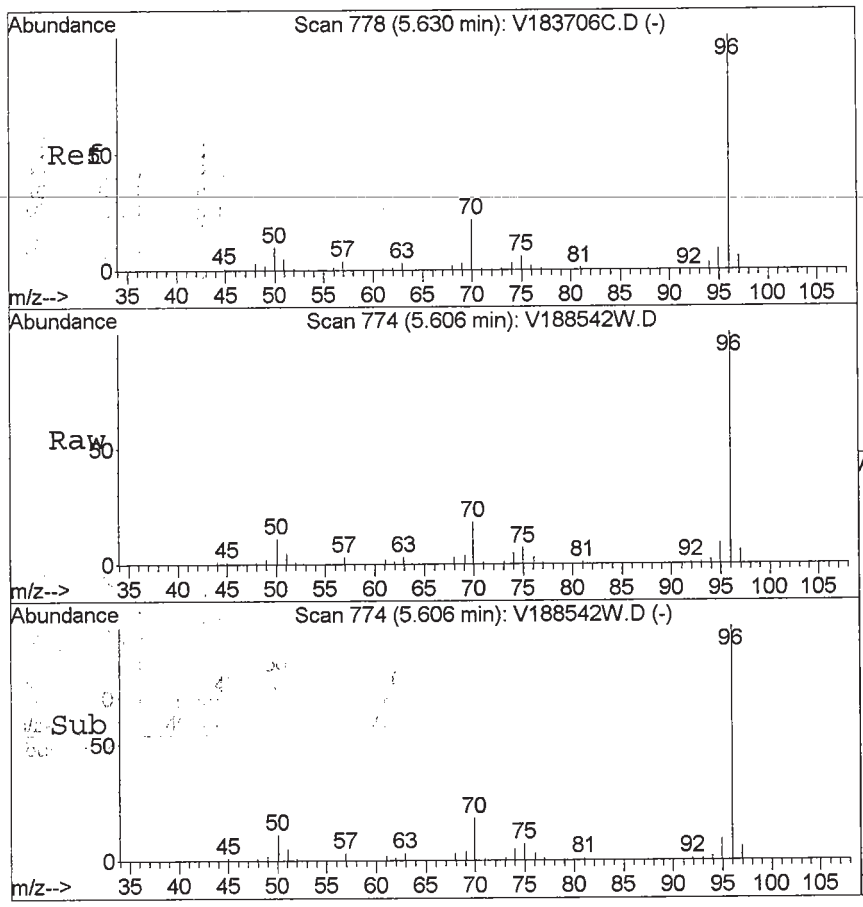
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188542W.D Vial: 29
Acq On : 27 Apr 2013 2:43 am Operator: SS
Sample : 13D0938-06 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:06 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

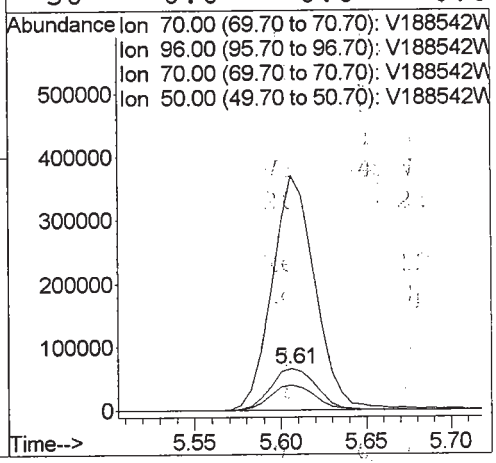


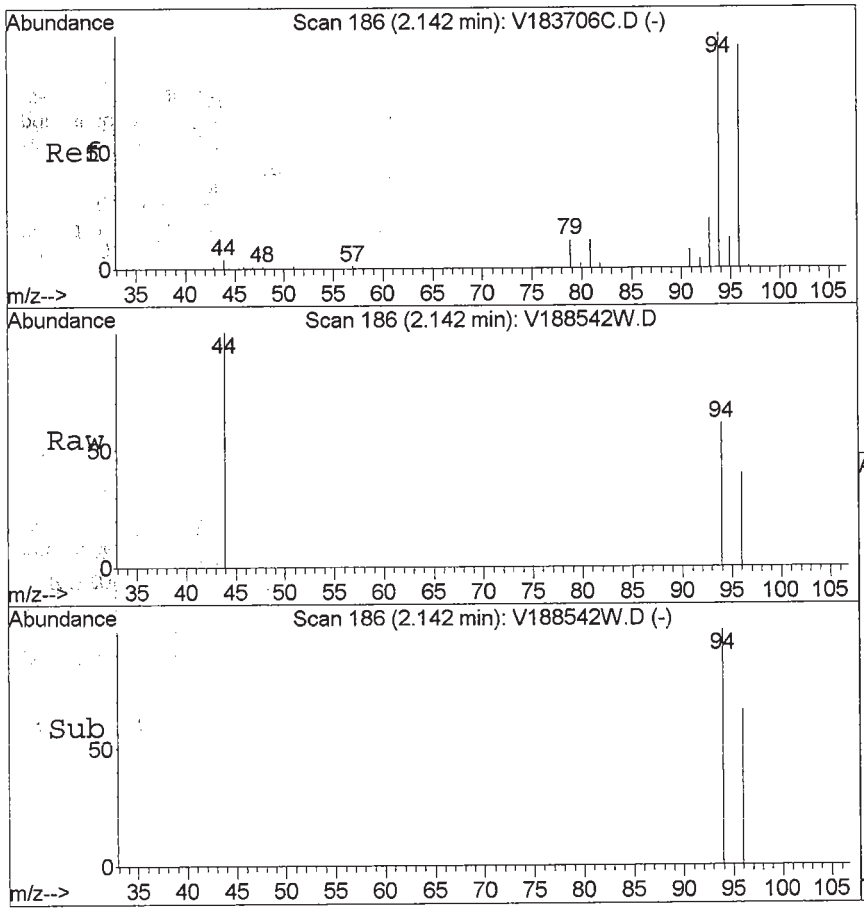


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion: 70 Resp: 120929

Ion	Ratio	Lower	Upper
70	100		
96	531.5	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

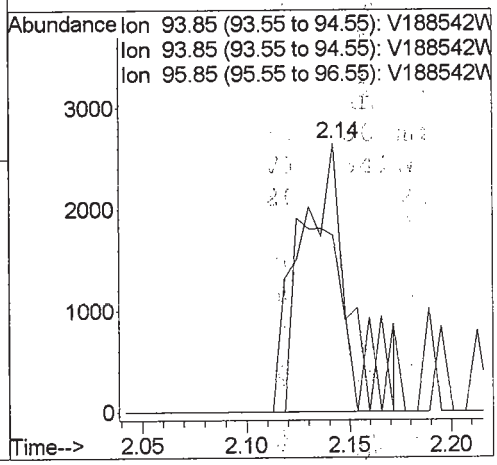


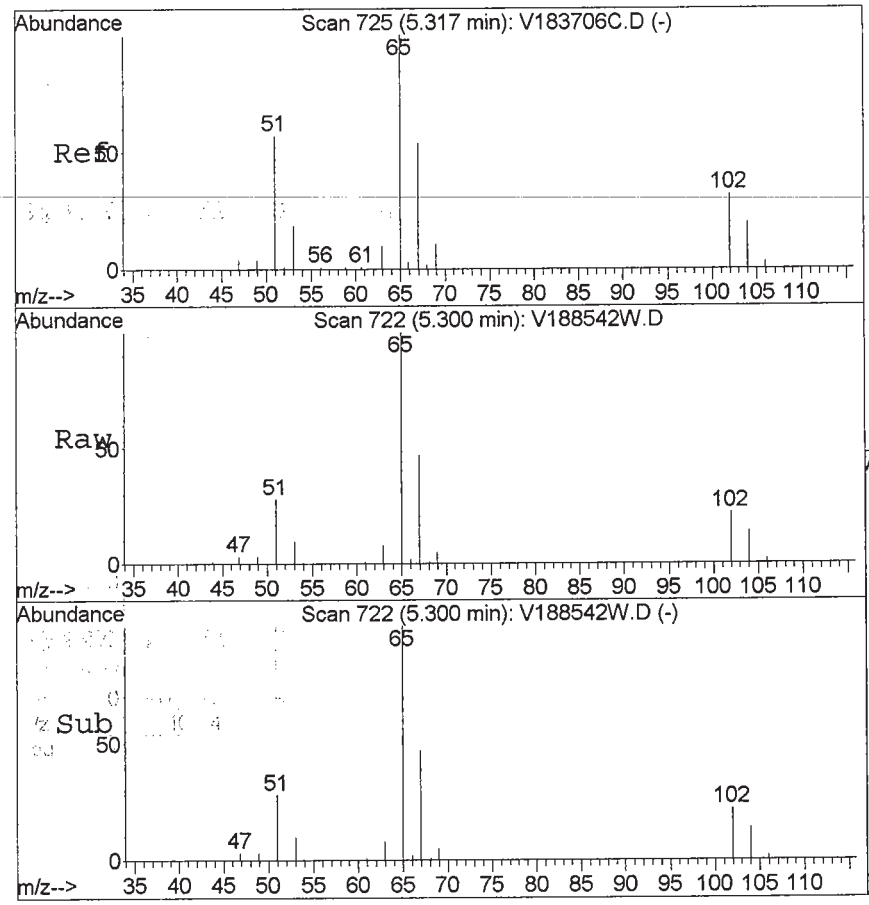


#5
Bromomethane
Concen: 1.09 ppb
RT: 2.14 min Scan# 186
Delta R.T. -0.00 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion: 94 Resp: 4240

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	84.6	77.5	116.3

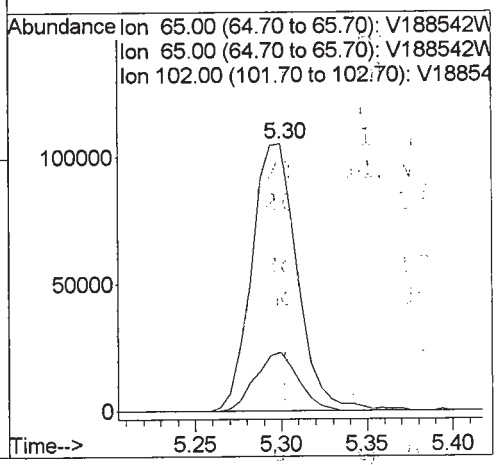


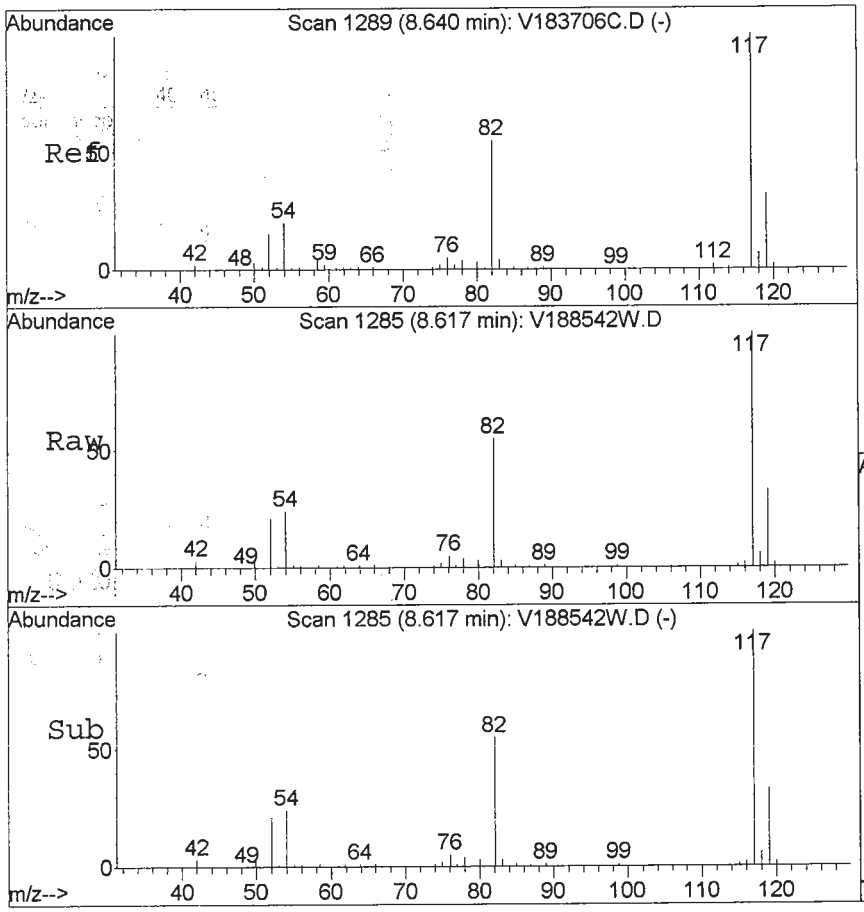


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 722
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion: 65 Resp: 194236

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.8	15.8	23.8

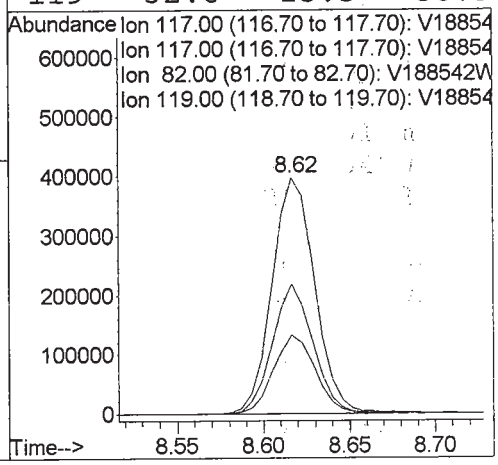


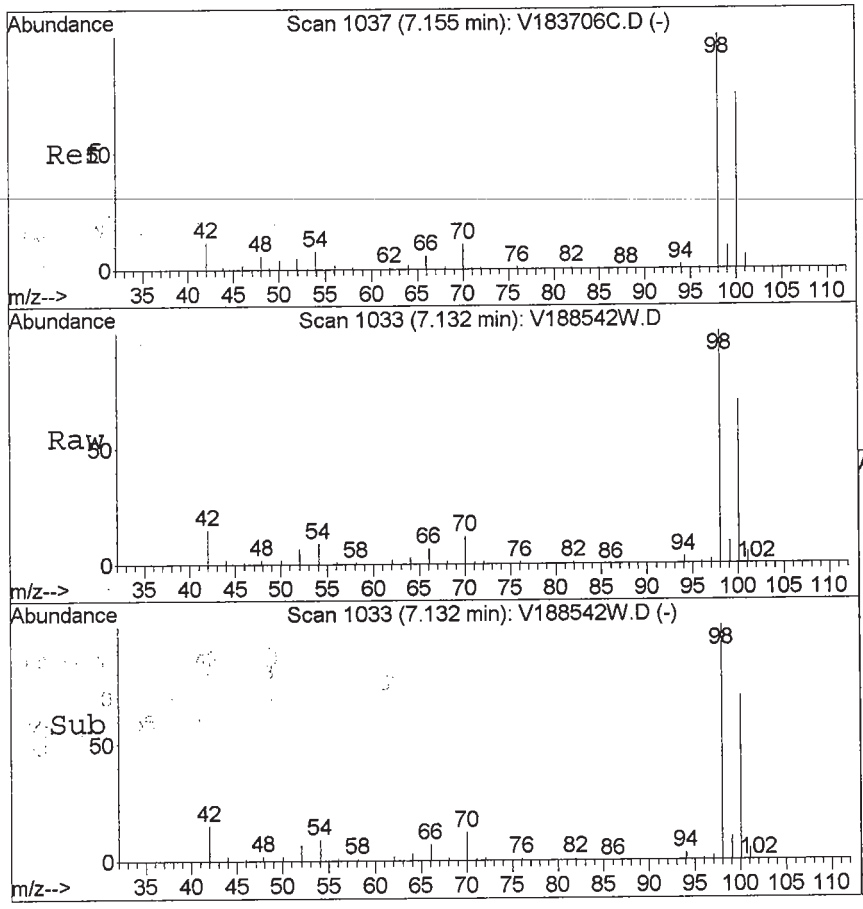


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion:117 Resp: 687128

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.8	25.5	38.3

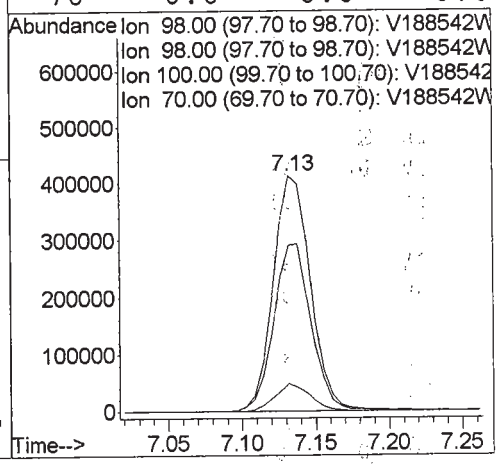


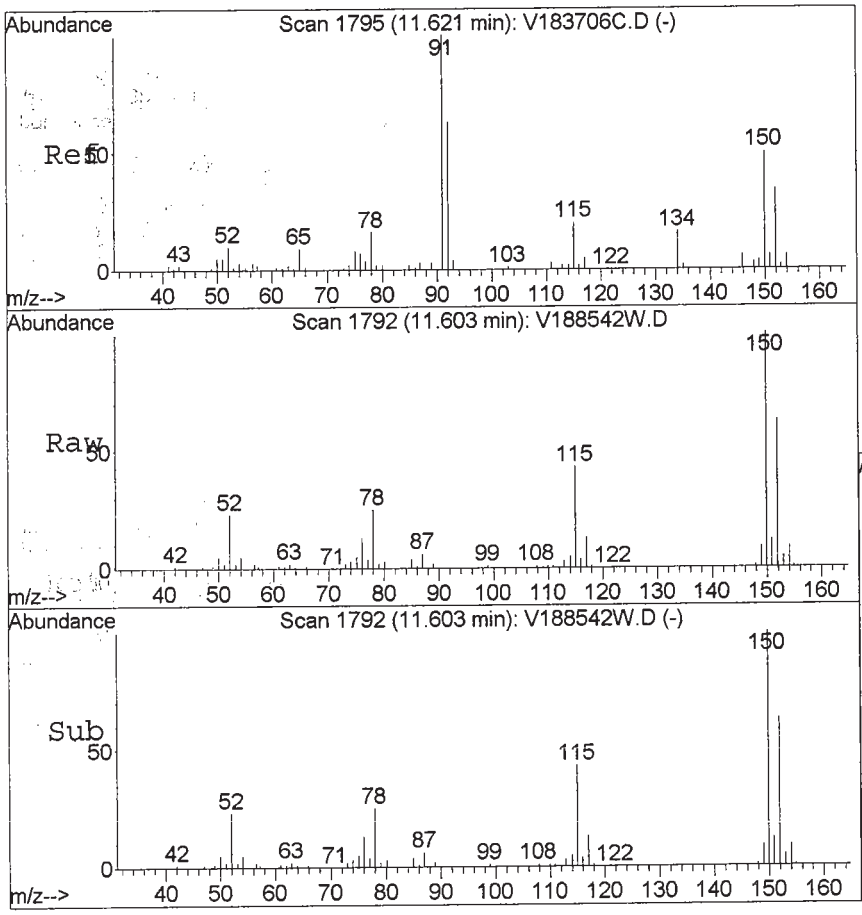


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1033
Delta R.T. -0.02 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion: 98 Resp: 727607

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.2	35.3	105.7
70	0.0	0.0	0.0

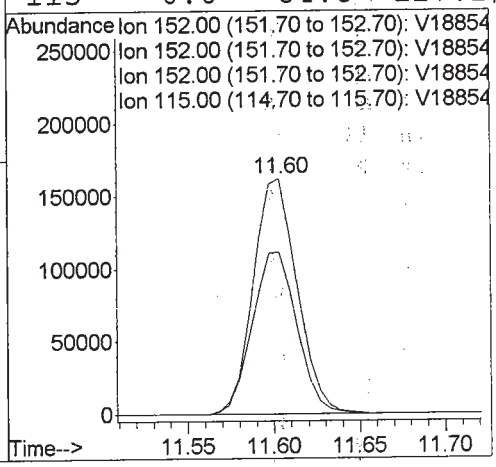


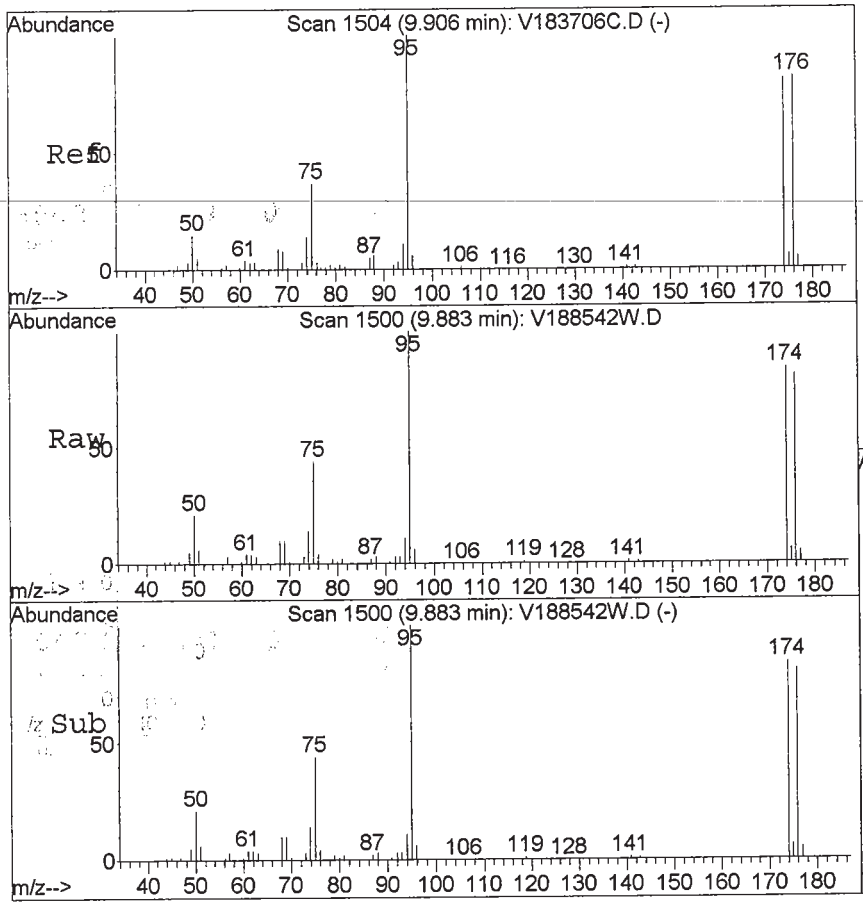


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion:152 Resp: 287076

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

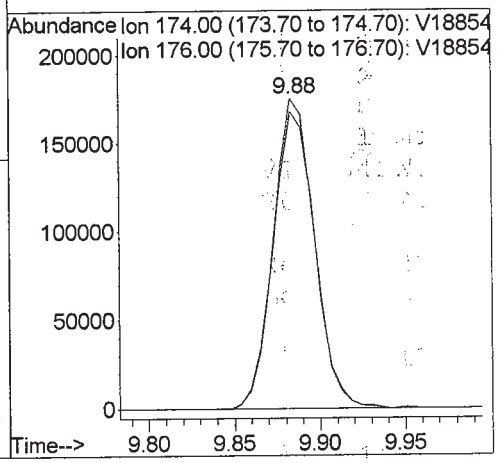




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188542W.D
Acq: 27 Apr 2013 2:43 am

Tgt Ion:174 Resp: 292610

Ion	Ratio	Lower	Upper
174	100		
176	97.0	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2C

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-07	File ID:	V188543W.D
Sampled:	04/23/13 18:45	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 03:23
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-07 File ID: V188543W.D

Sampled: 04/23/13 18:45 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 03:23

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.0	110	72.6 - 129	
p-Bromofluorobenzene	50.0	50.1	100	63.5 - 145	
Toluene-d8	50.0	48.4	96.7	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188543W.D Vial: 30
Acq On : 27 Apr 2013 3:23 am Operator: SS
Sample : 13D0938-07 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:06 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

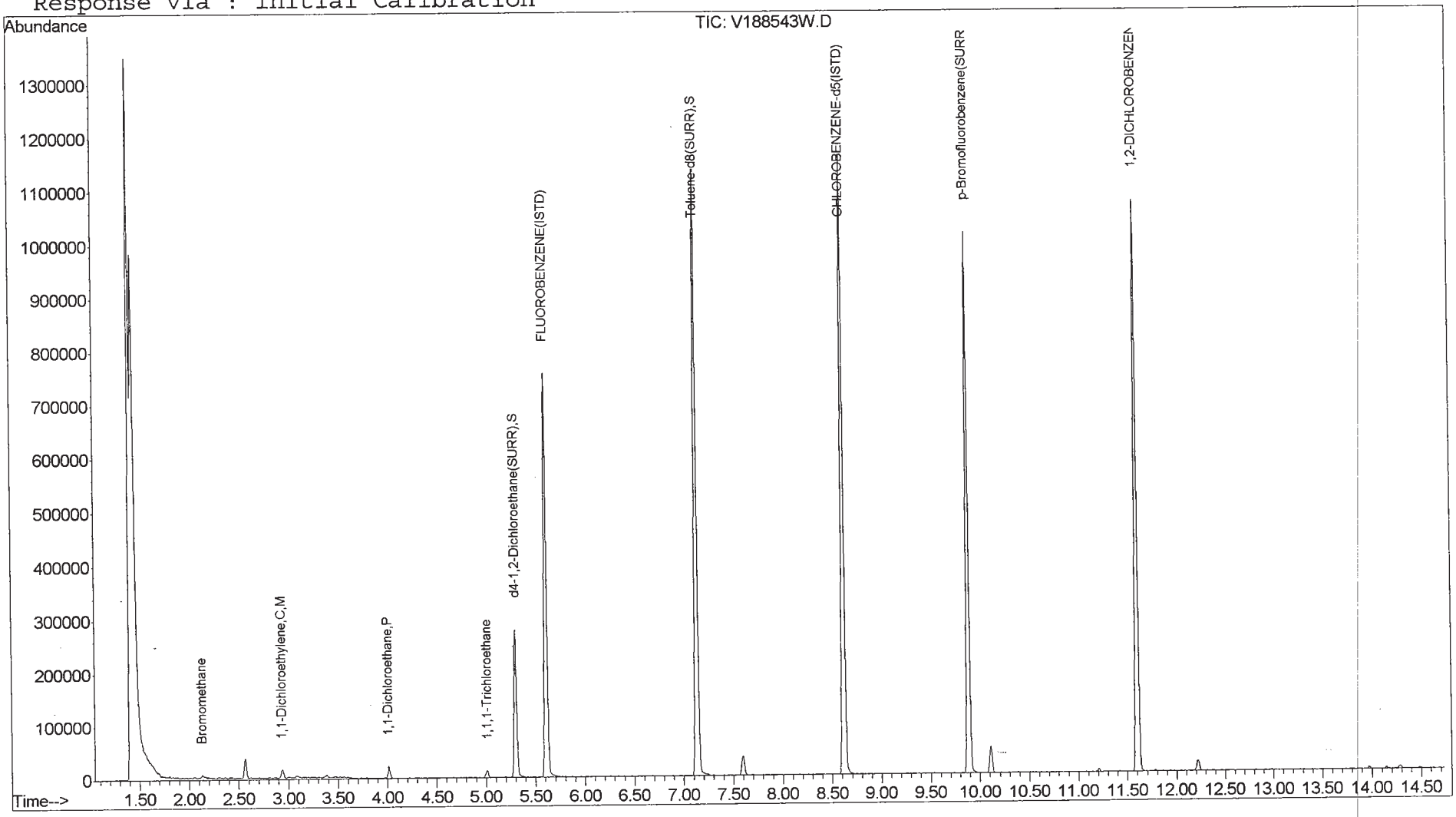
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	127158	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	739765	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	306738	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	203555	55.05	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 110.10%			
47) Toluene-d8(SURR)	7.13	98	767199	48.37	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.74%			
64) p-Bromofluorobenzene(SURR)	9.88	174	310801	50.13	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.26%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	6202	1.52	ppb #	74
10) 1,1-Dichloroethylene	2.94	61	10435	1.26	ppb #	75
21) 1,1-Dichloroethane	4.01	63	16849	2.02	ppb	98
30) 1,1,1-Trichloroethane	5.01	97	10581	0.87	ppb #	98

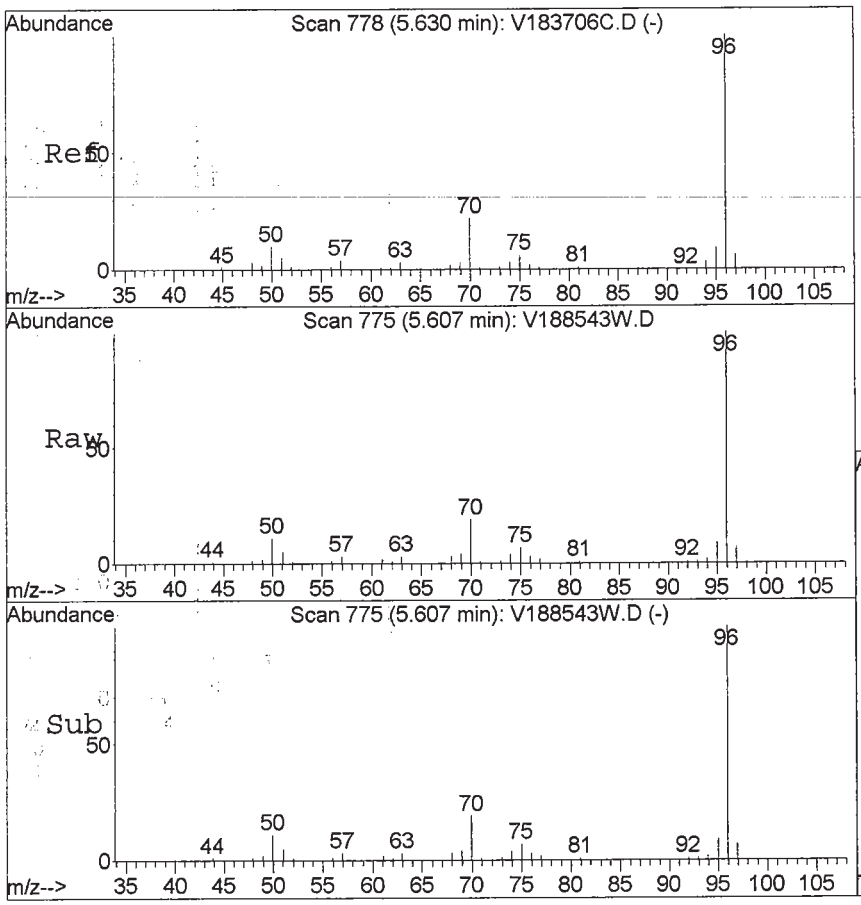
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188543W.D Vial: 30
Acq On : 27 Apr 2013 3:23 am Operator: SS
Sample : 13D0938-07 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:06 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

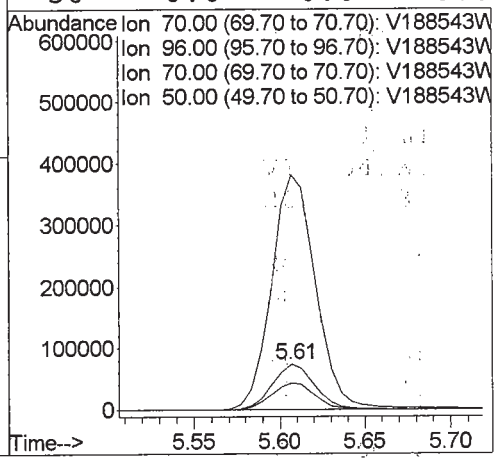


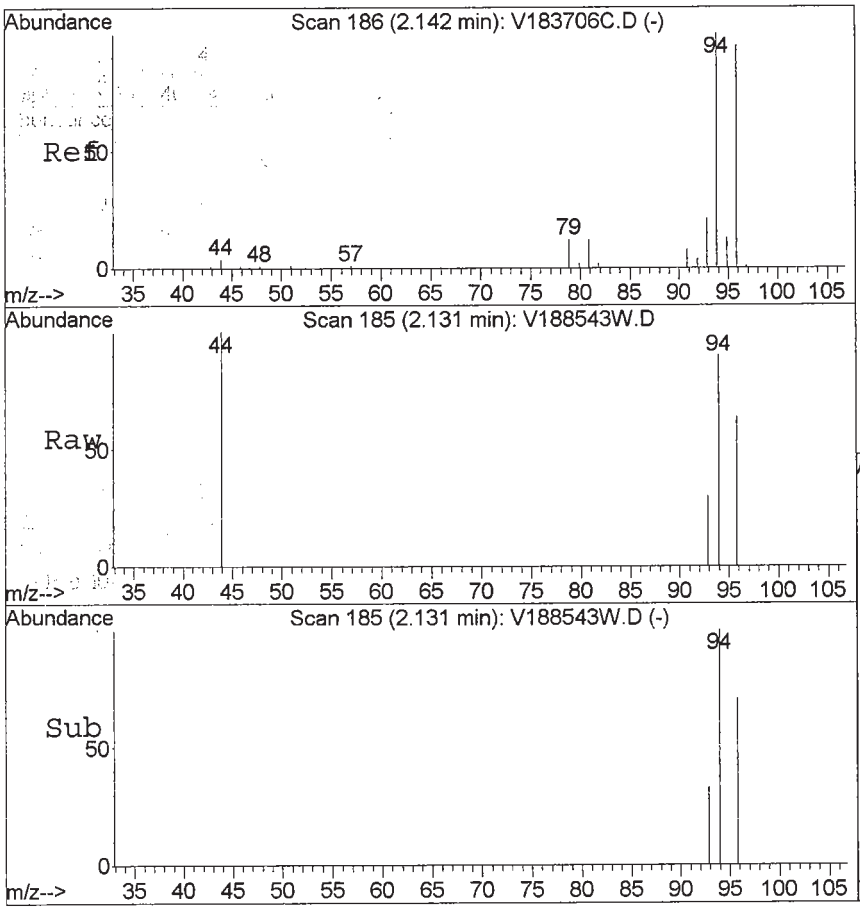


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 70 Resp: 127158

Ion	Ratio	Lower	Upper
70	100		
96	537.1	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

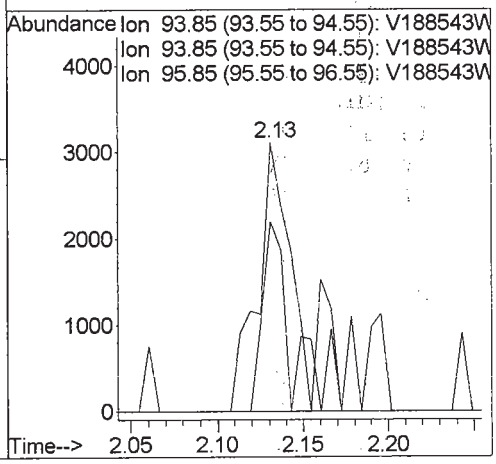


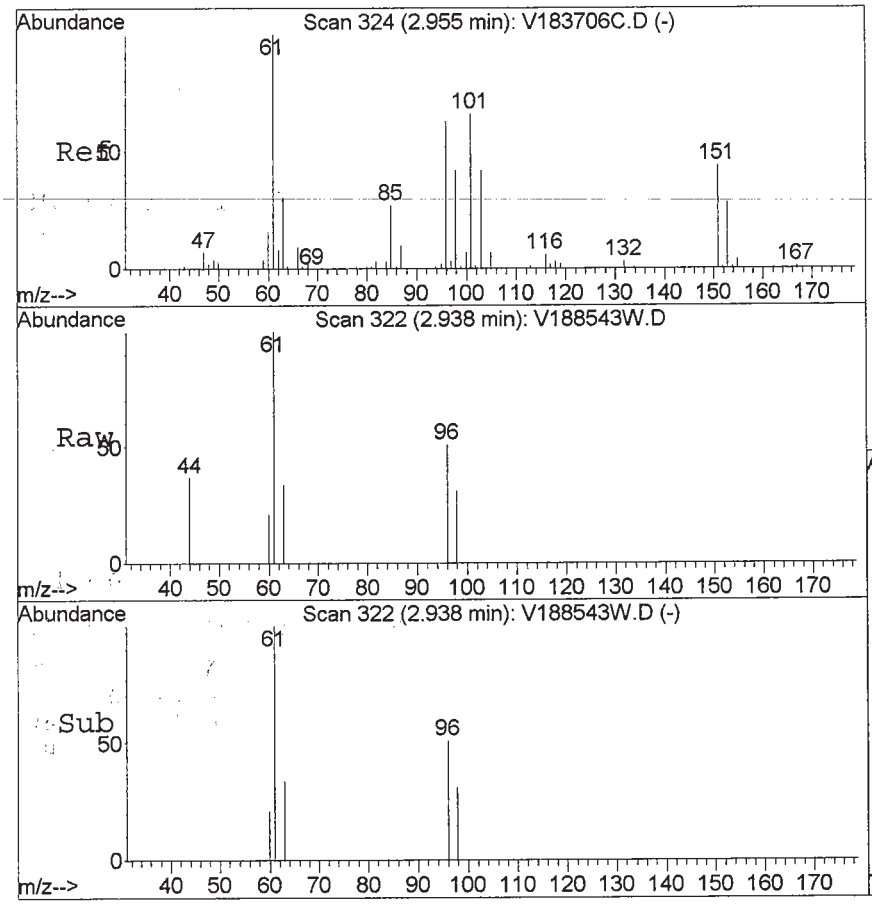


#5
Bromomethane
Concen: 1.52 ppb
RT: 2.13 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 94 Resp: 6202

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	44.1	77.5	116.3#

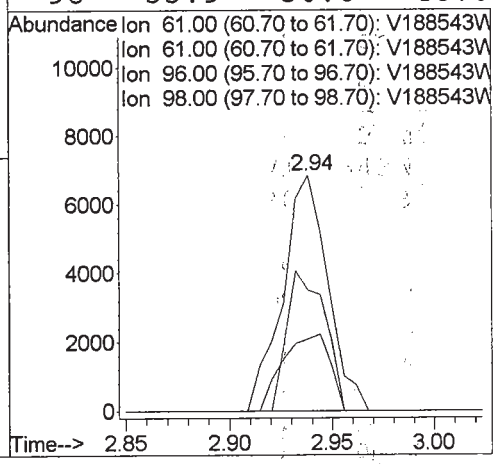


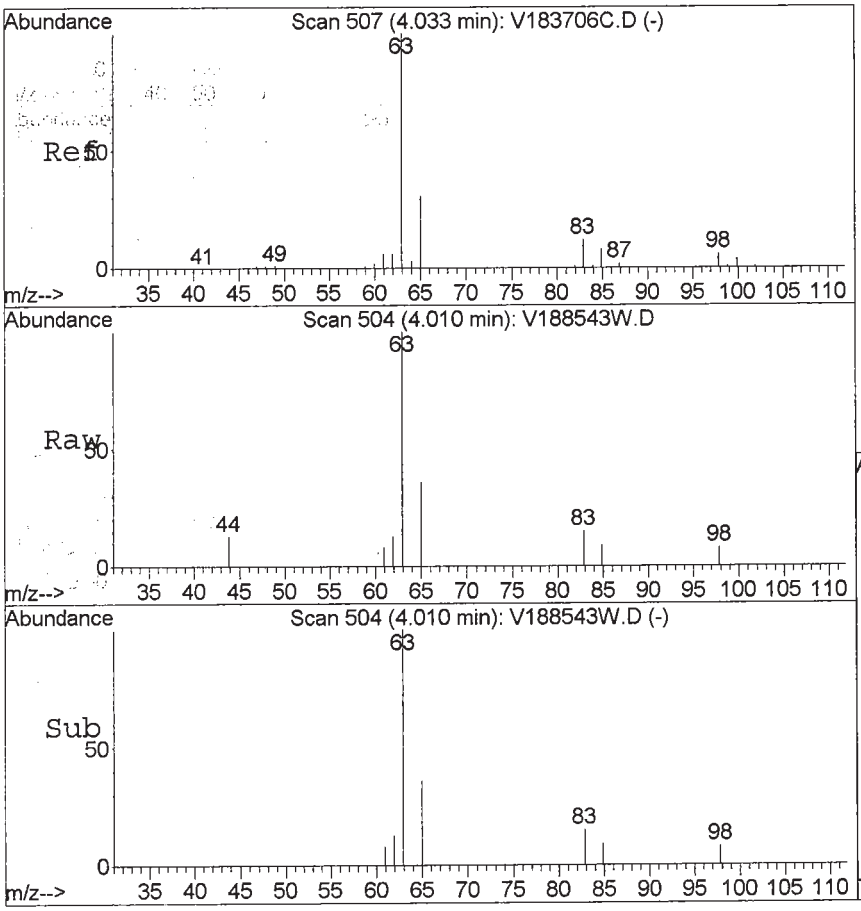


#10
1,1-Dichloroethylene
Concen: 1.26 ppb
RT: 2.94 min Scan# 322
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 61 Resp: 10435

Ion	Ratio	Lower	Upper
61	100		
61	100.0	80.0	120.0
96	0.0	46.8	70.2#
98	33.9	30.6	46.0

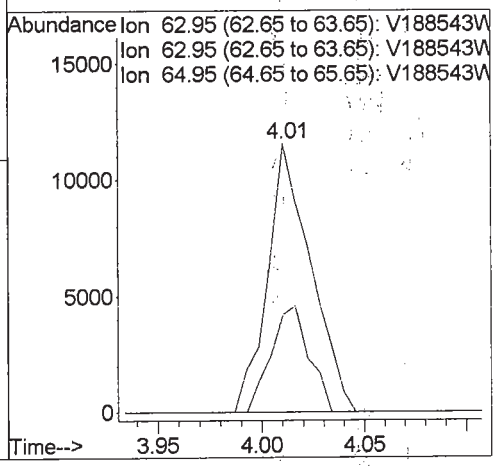


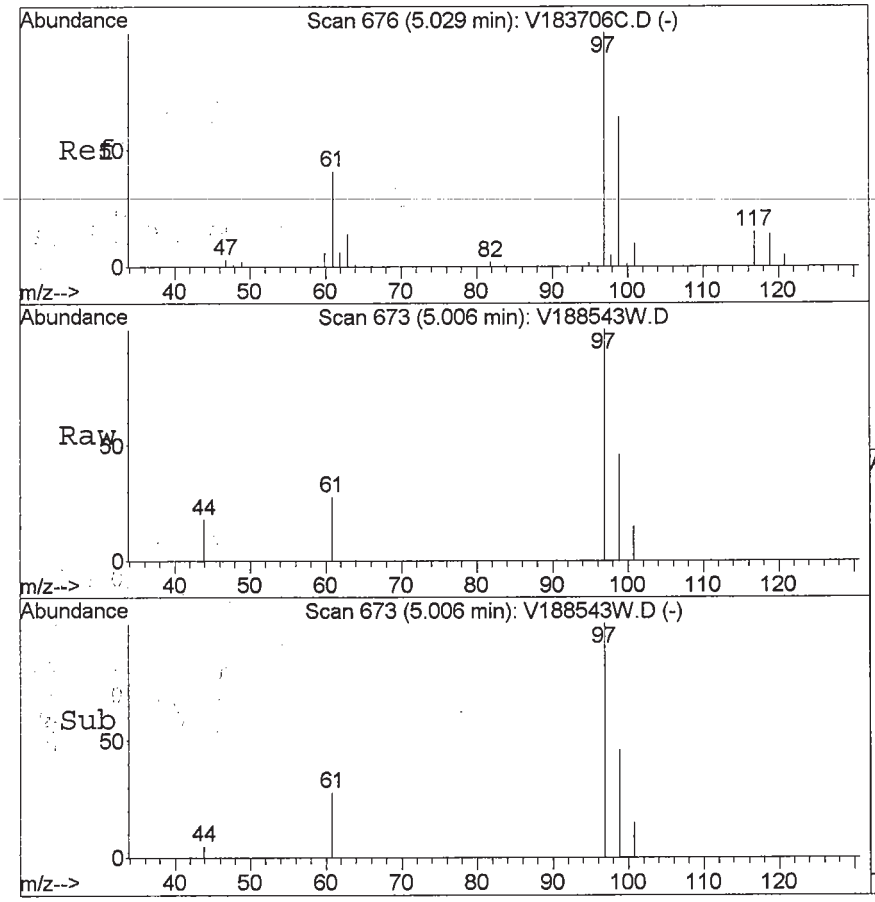


#21
1,1-Dichloroethane
Concen: 2.02 ppb
RT: 4.01 min Scan# 504
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 63 Resp: 16849

Ion	Ratio	Lower	Upper
63	100		
63	100.0	50.0	150.0
65	36.5	15.4	46.1

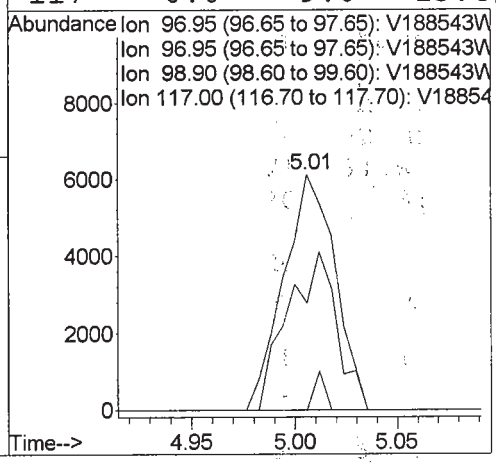


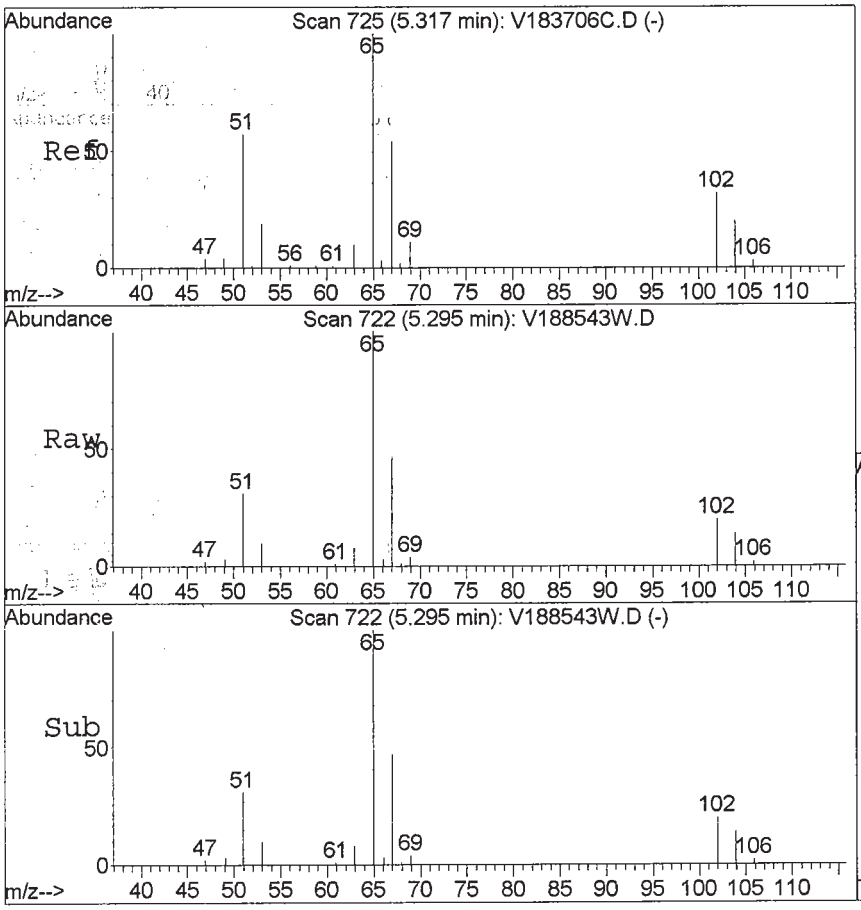


#30
1,1,1-Trichloroethane
Concen: 0.87 ppb
RT: 5.01 min Scan# 673
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 97 Resp: 10581

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	64.0	52.2	78.4
117	0.0	9.0	13.4#

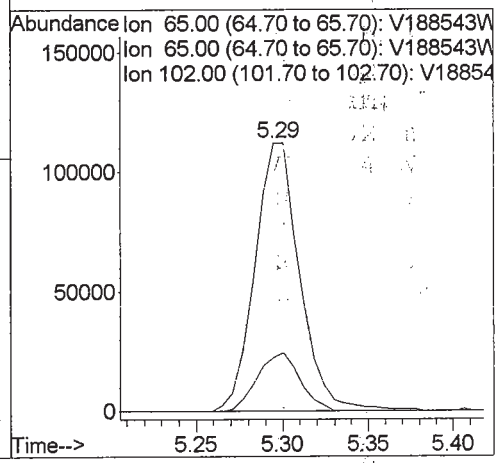


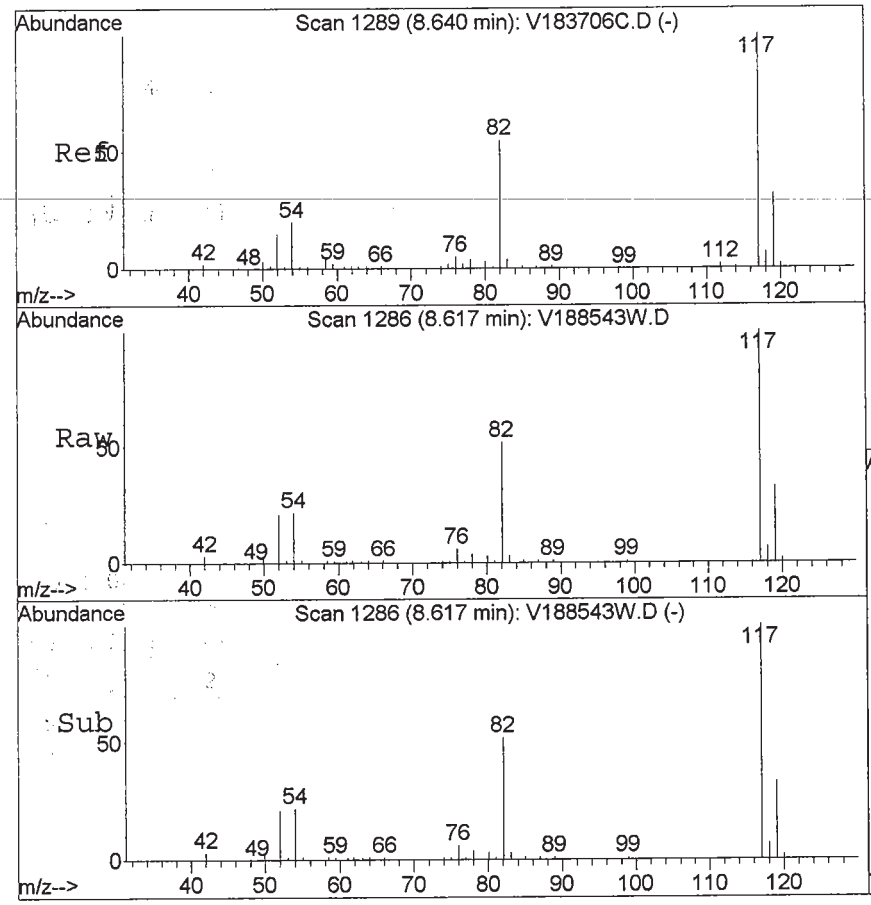


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 65 Resp: 203555

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.7	15.8	23.8

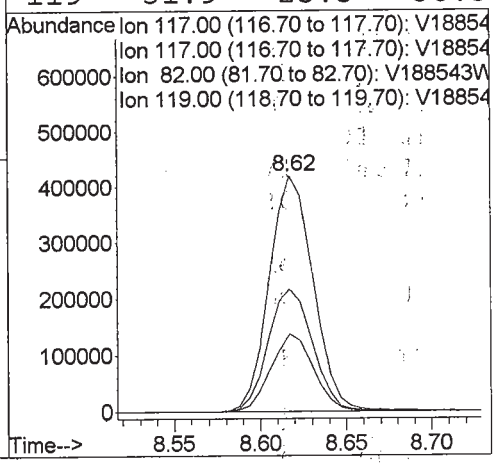


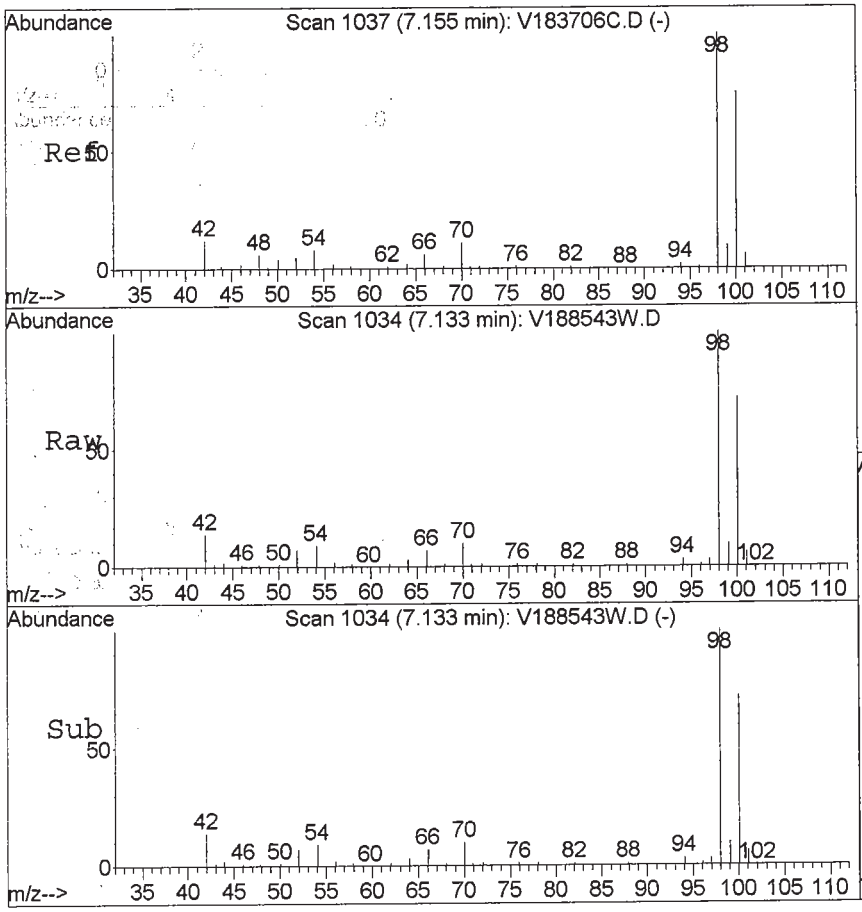


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion:117 Resp: 739765

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.9	25.5	38.3

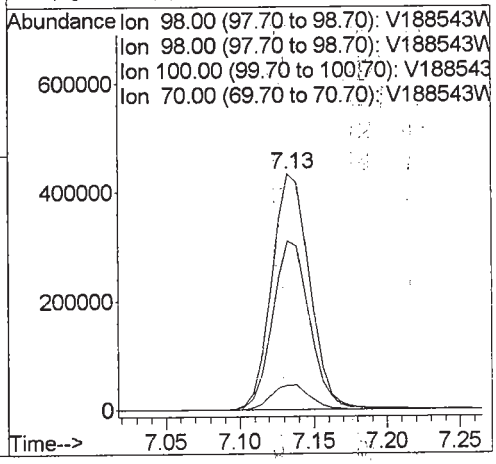


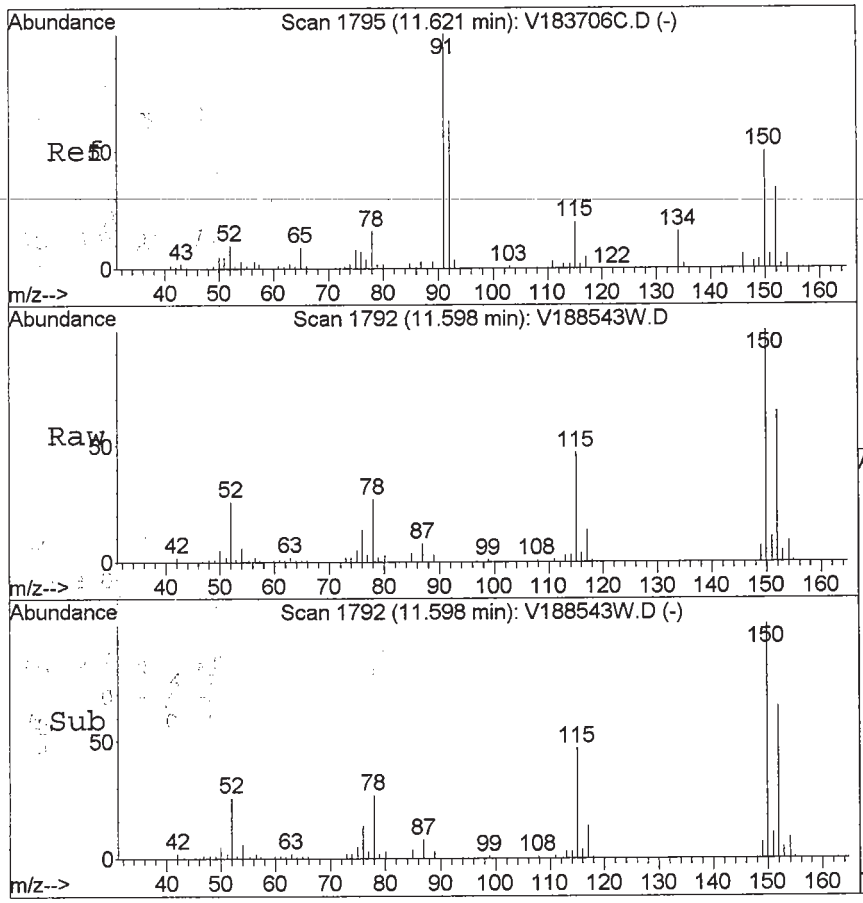


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion: 98 Resp: 767199

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.1	35.3	105.7
70	10.6	0.0	0.0#

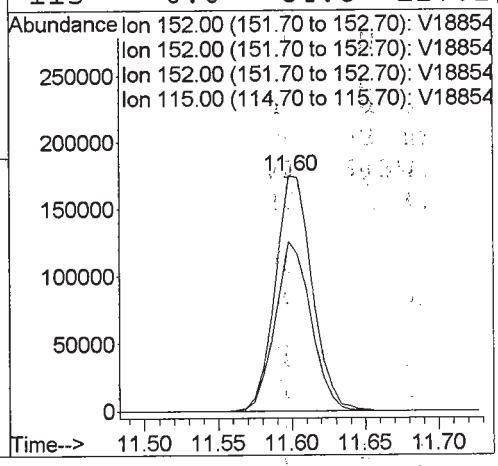


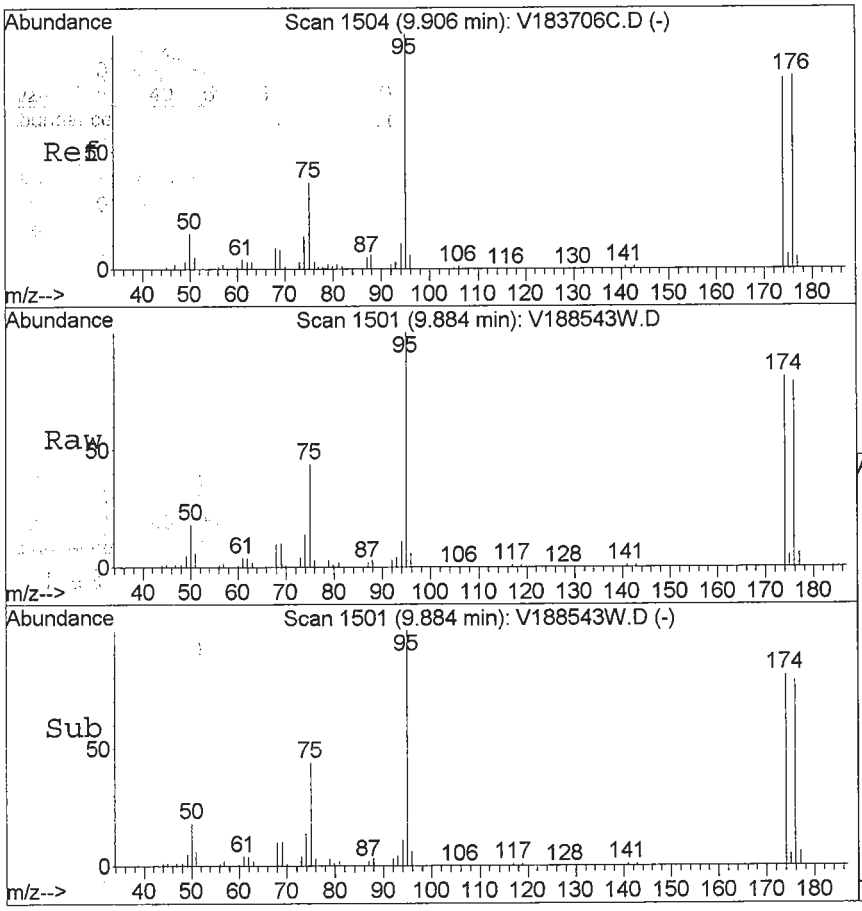


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion:152 Resp: 306738

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

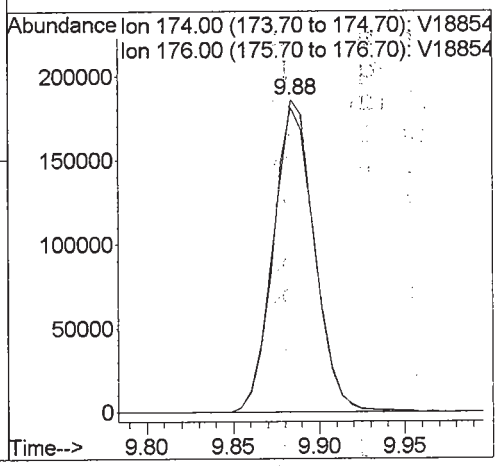




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188543W.D
Acq: 27 Apr 2013 3:23 am

Tgt Ion:174 Resp: 310801

Ion	Ratio	Lower	Upper
174	100		
176	97.5	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-08	File ID:	V188544W.D
Sampled:	04/23/13 16:00	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 04:02
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-08	File ID:	V188544W.D
Sampled:	04/23/13 16:00	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 04:02
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	53.4	107	72.6 - 129	
p-Bromofluorobenzene	50.0	49.9	99.8	63.5 - 145	
Toluene-d8	50.0	47.9	95.9	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188544W.D Vial: 31
Acq On : 27 Apr 2013 4:02 am Operator: SS
Sample : 13D0938-08 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:07 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

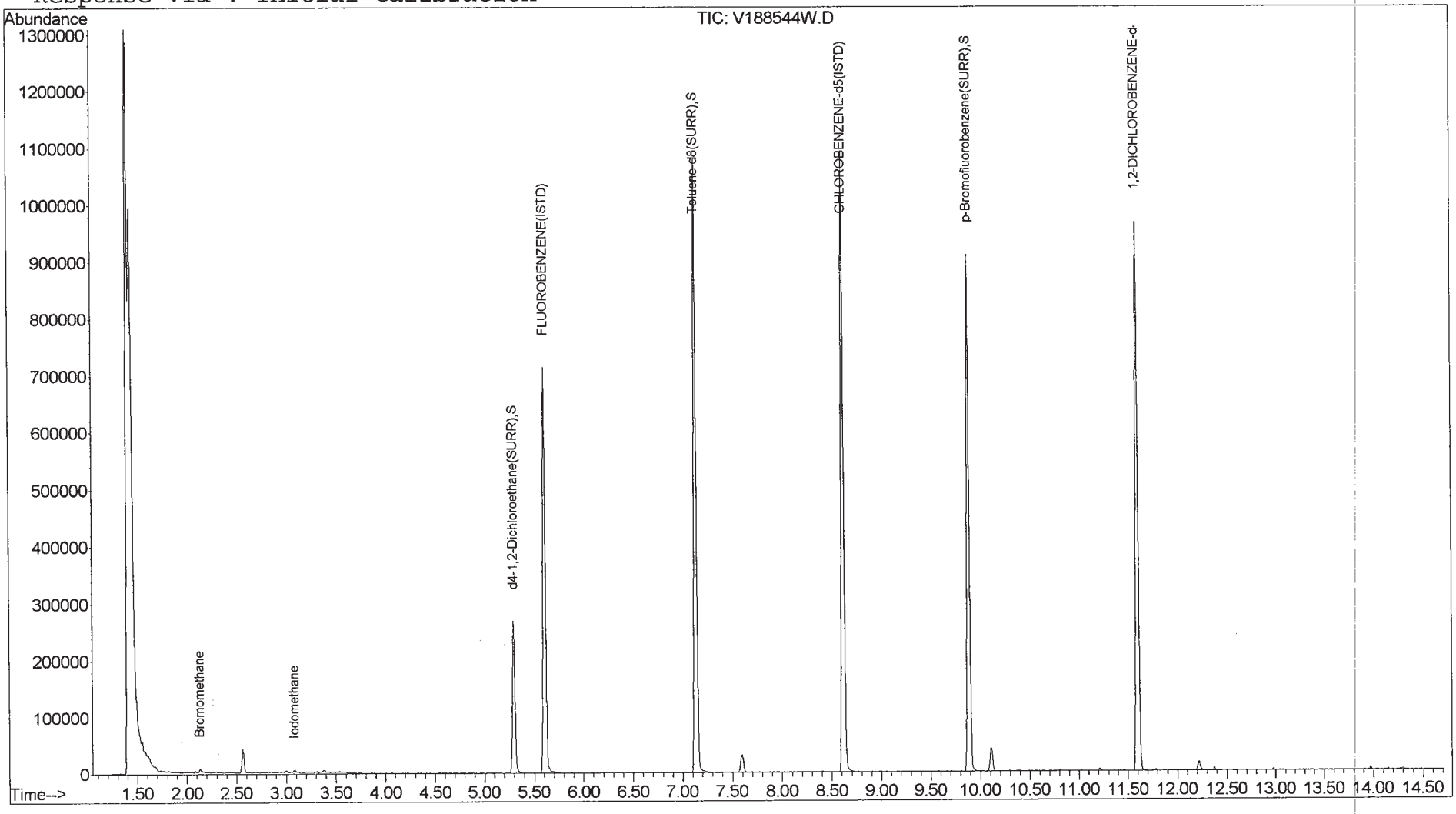
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	121677	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	673175	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	277365	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	188838	53.37	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 106.74%			
47) Toluene-d8(SURR)	7.13	98	691930	47.94	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.88%			
64) p-Bromofluorobenzene(SURR)	9.88	174	279682	49.89	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.78%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	6216	1.59	ppb	# 51
12) Iodomethane	3.09	142	4144	0.98	ppb	# 77

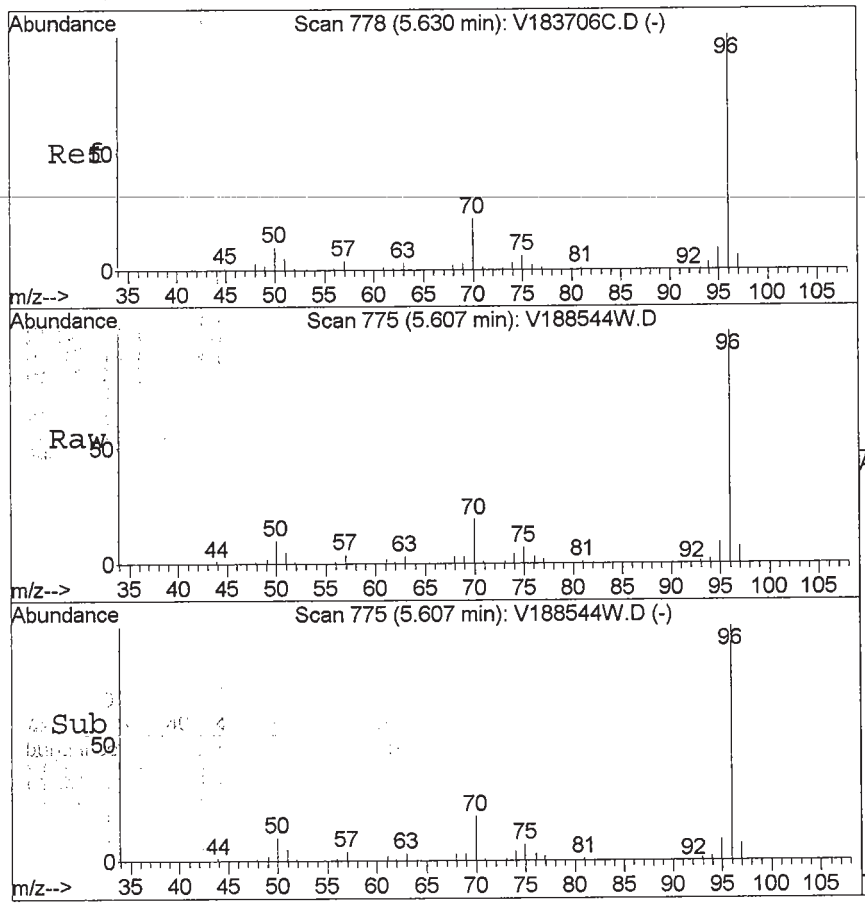
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188544W.D Vial: 31
Acq On : 27 Apr 2013 4:02 am Operator: SS
Sample : 13D0938-08 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:07 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

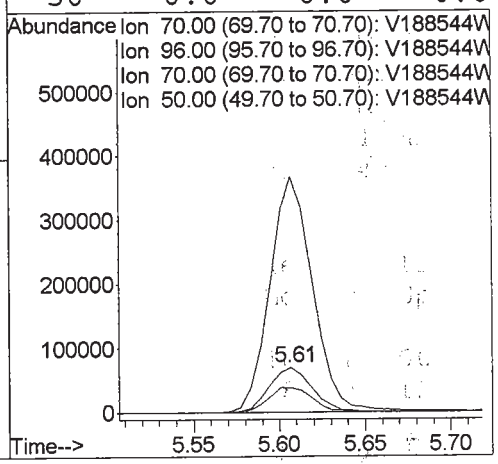


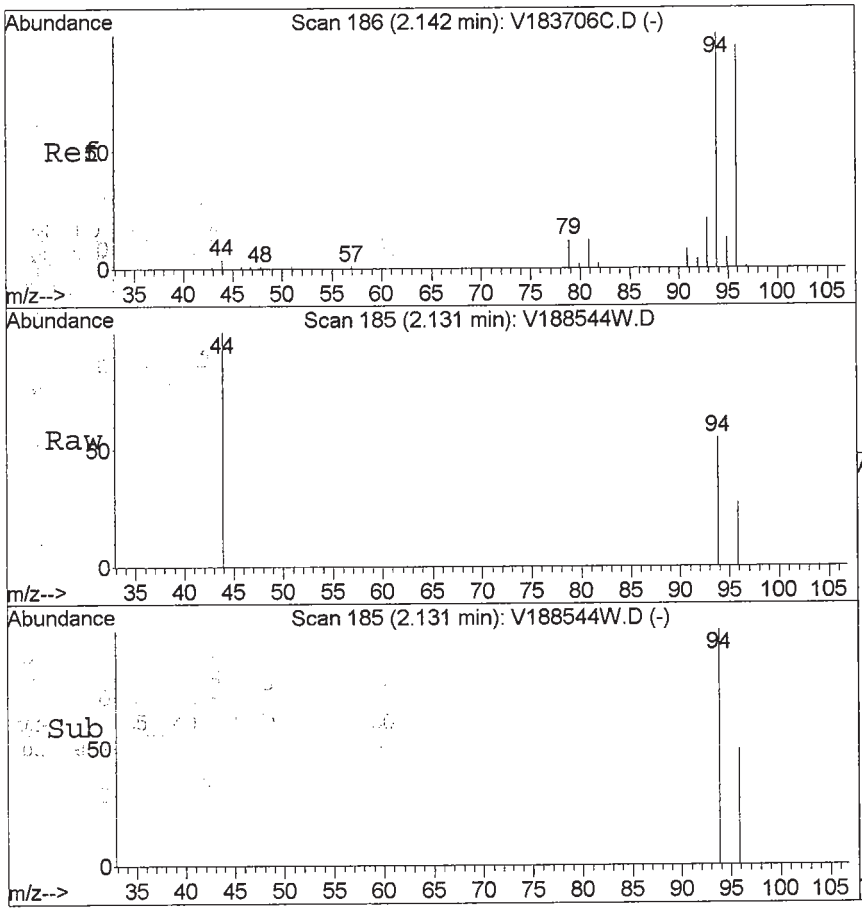


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion: 70 Resp: 121677

Ion	Ratio	Lower	Upper
70	100		
96	520.9	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

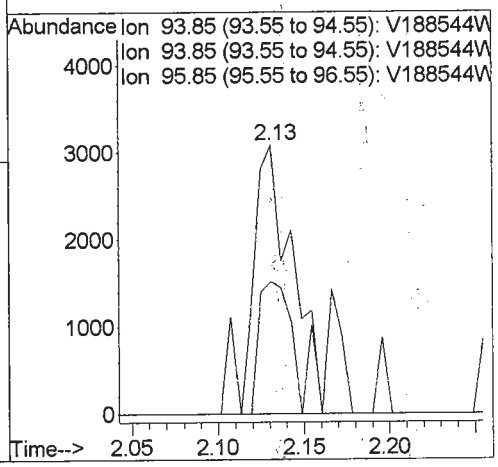


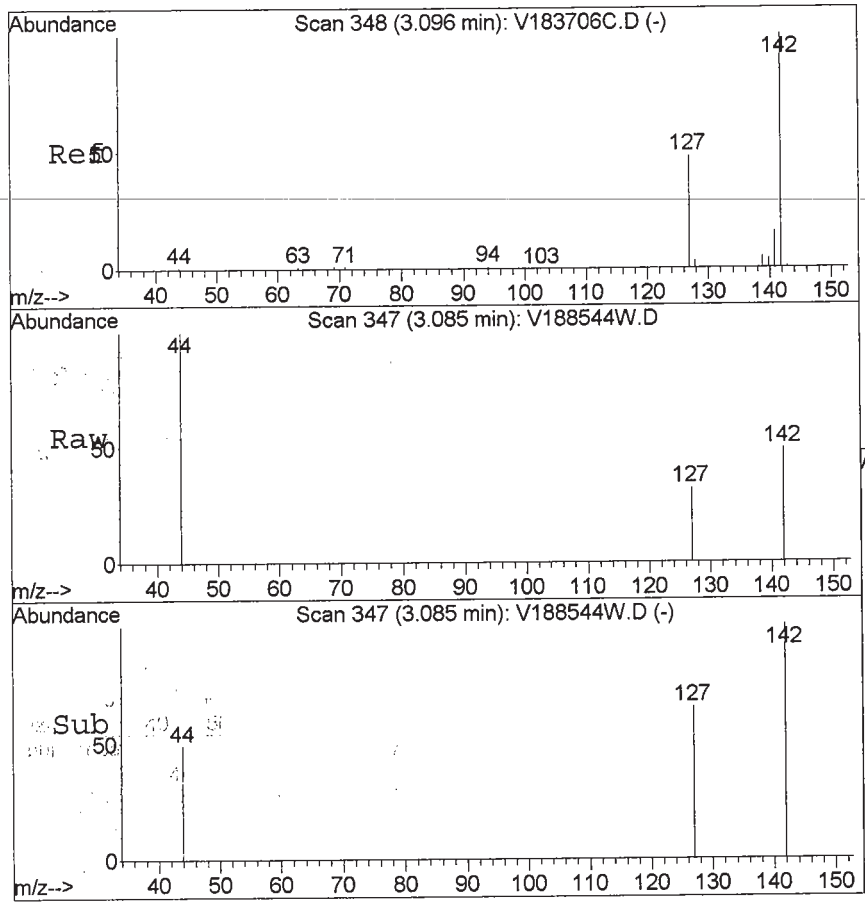


#5
Bromomethane
Concen: 1.59 ppb
RT: 2.13 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion: 94 Resp: 6216

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

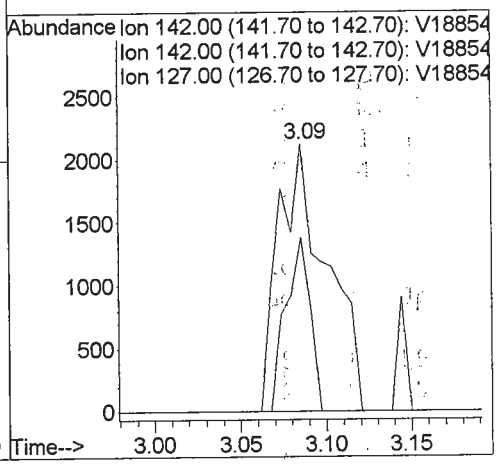


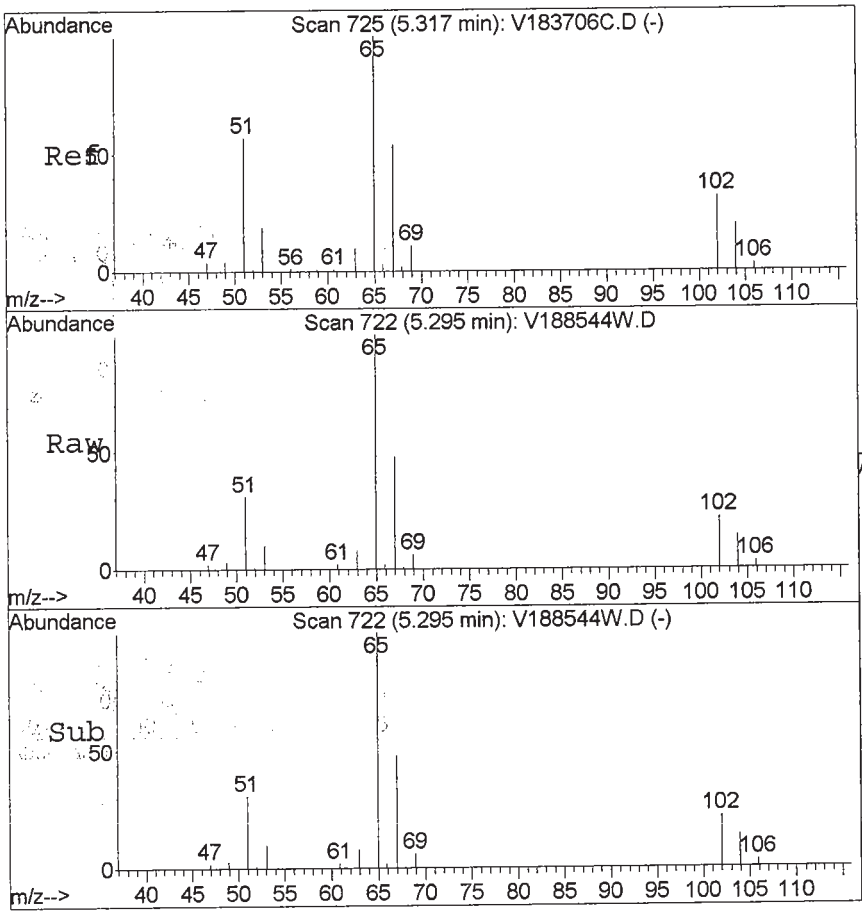


#12
Iodomethane
Concen: 0.98 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion:142 Resp: 4144

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

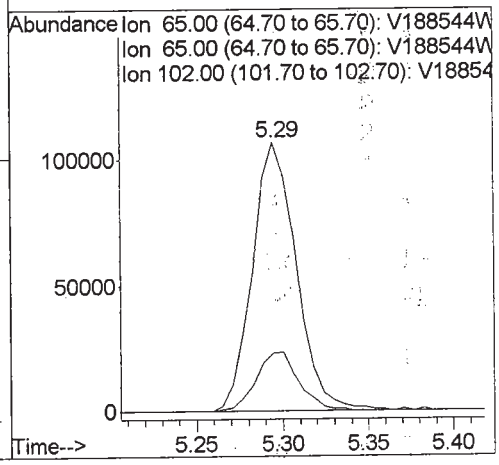


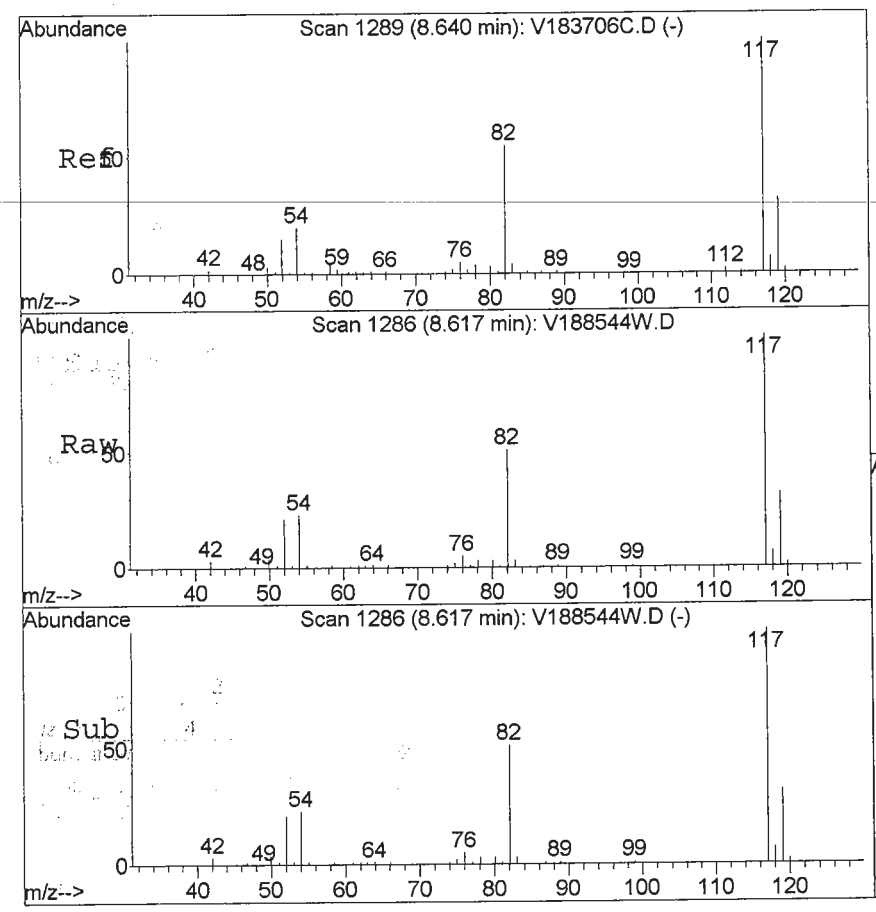


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion: 65 Resp: 188838

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	21.6	15.8	23.8

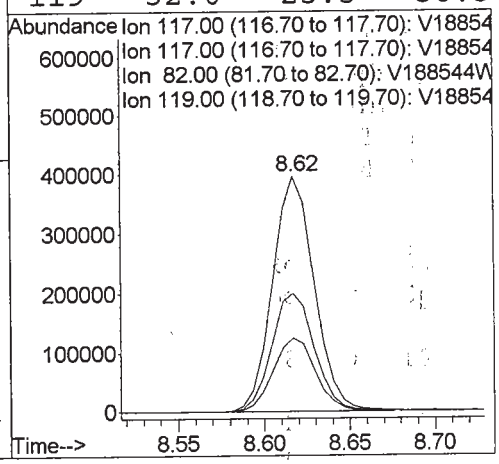


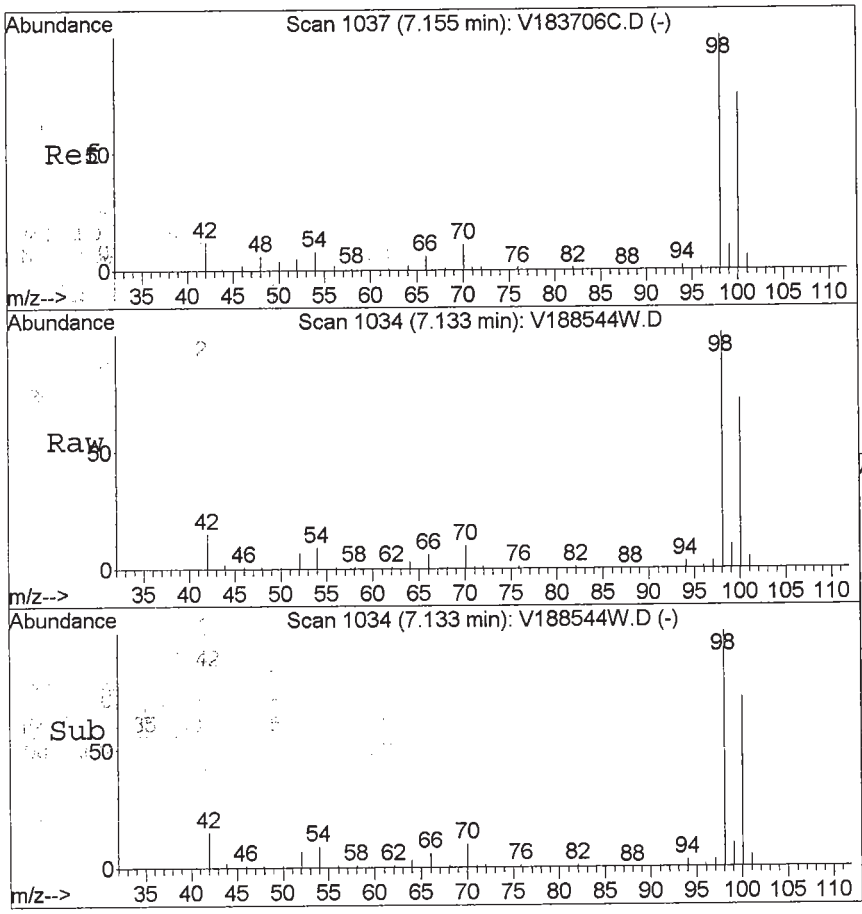


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion:117 Resp: 673175

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.0	25.5	38.3

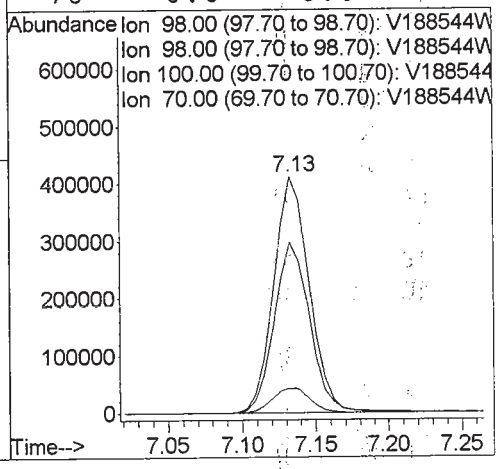


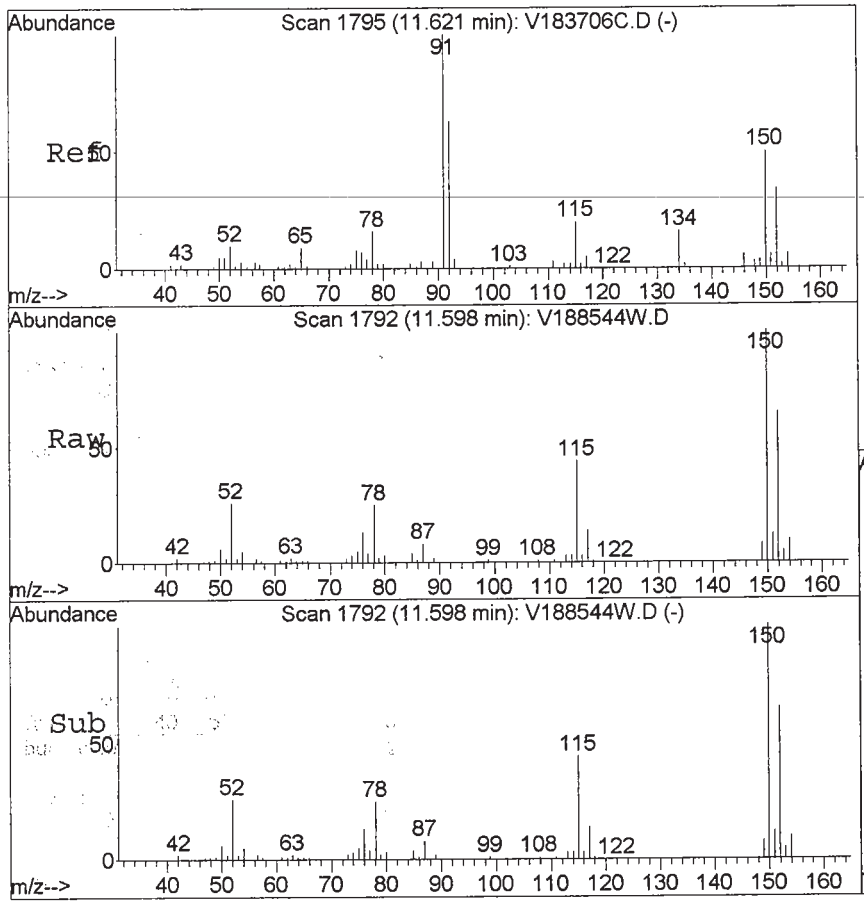


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion: 98 Resp: 691930

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	72.0	35.3	105.7
70	0.0	0.0	0.0

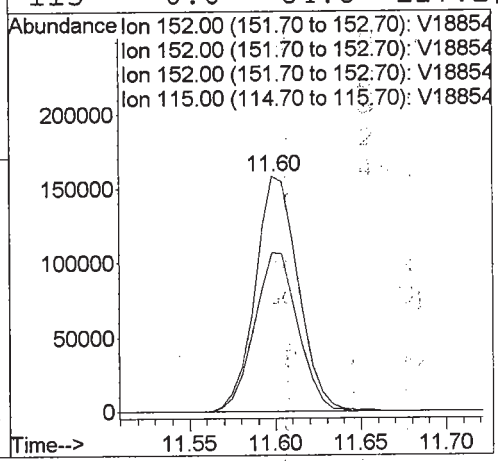


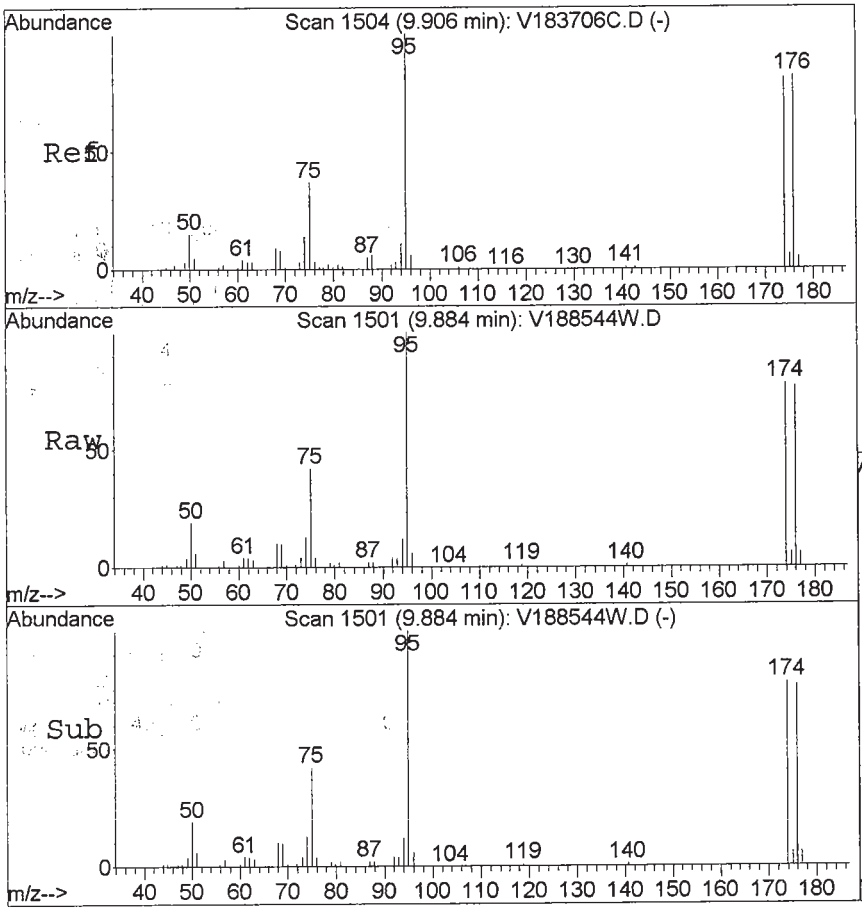


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion:152 Resp: 277365

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

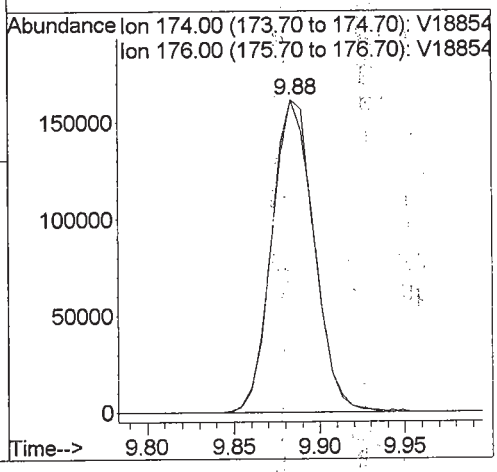




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188544W.D
Acq: 27 Apr 2013 4:02 am

Tgt Ion:174 Resp: 279682

Ion	Ratio	Lower	Upper
174	100		
176	98.1	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-09	File ID:	V188545W.D
Sampled:	04/23/13 15:50	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 04:41
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

MW-3B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-09	File ID:	V188545W.D
Sampled:	04/23/13 15:50	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 04:41
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	53.0	106	72.6 - 129	
p-Bromofluorobenzene	50.0	51.3	103	63.5 - 145	
Toluene-d8	50.0	48.8	97.7	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188545W.D Vial: 32
Acq On : 27 Apr 2013 4:41 am Operator: SS
Sample : 13D0938-09 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:08 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

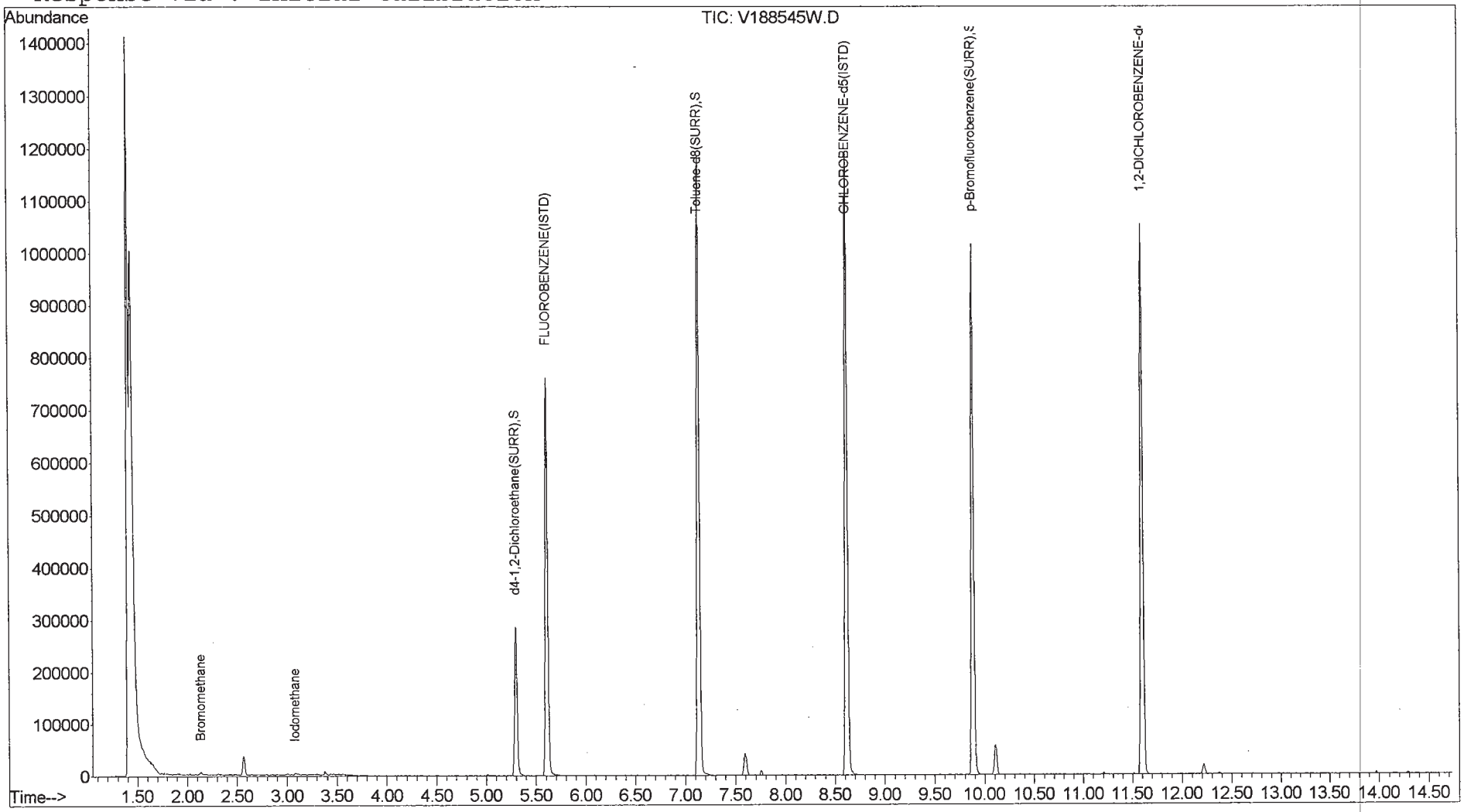
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	129668	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	719072	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	298989	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	200049	53.05	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 106.10%			
47) Toluene-d8(SURR)	7.13	98	753027	48.85	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.70%			
64) p-Bromofluorobenzene(SURR)	9.89	174	310107	51.32	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.64%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	5149	1.23	ppb	# 51
12) Iodomethane	3.09	142	4770	1.06	ppb	# 77

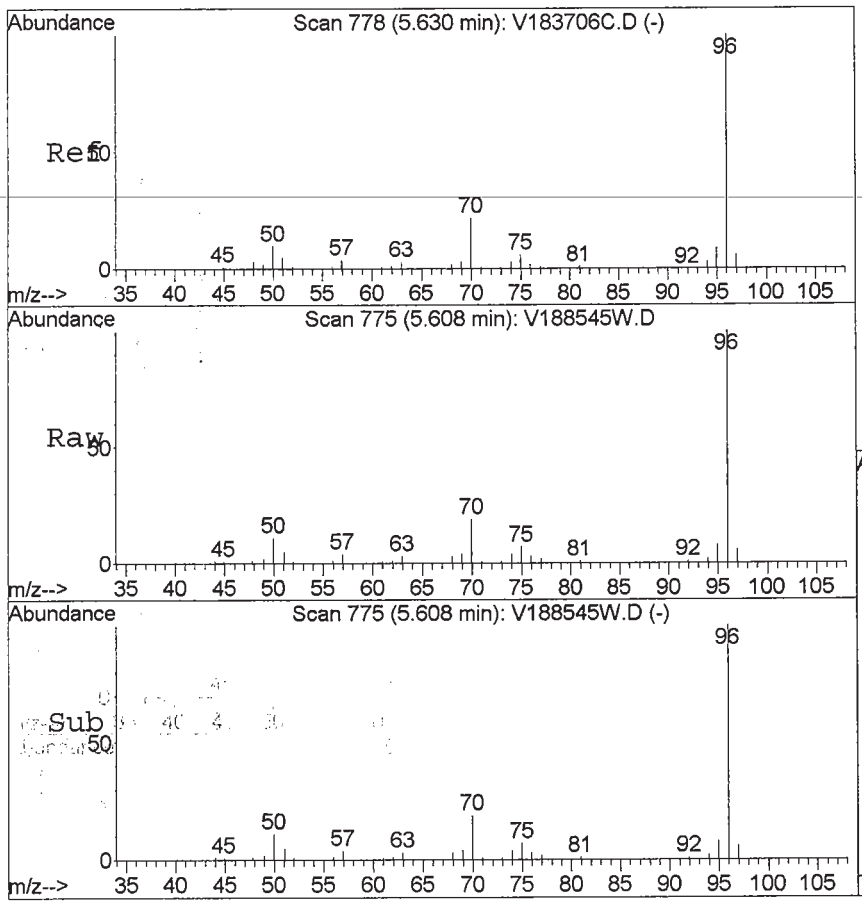
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188545W.D Vial: 32
Acq On : 27 Apr 2013 4:41 am Operator: SS
Sample : 13D0938-09 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:08 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

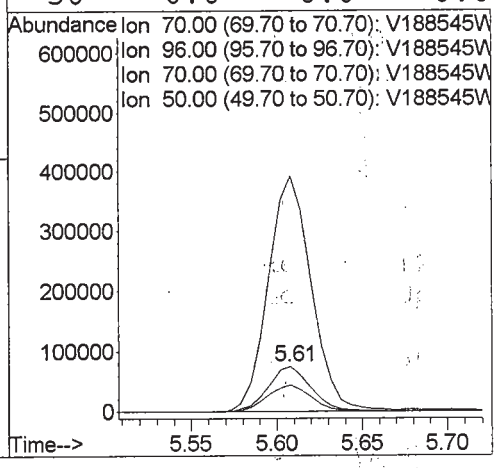


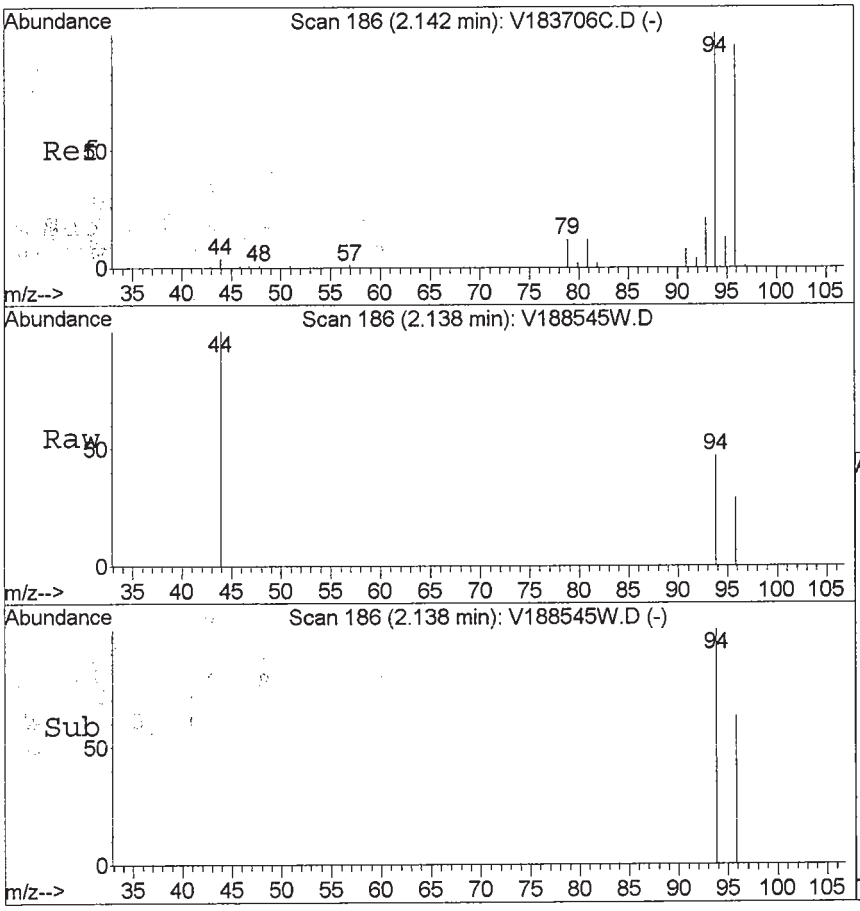


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion: 70 Resp: 129668

Ion	Ratio	Lower	Upper
70	100		
96	527.6	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

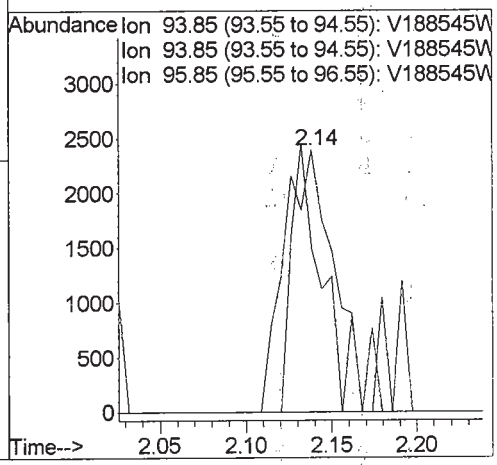


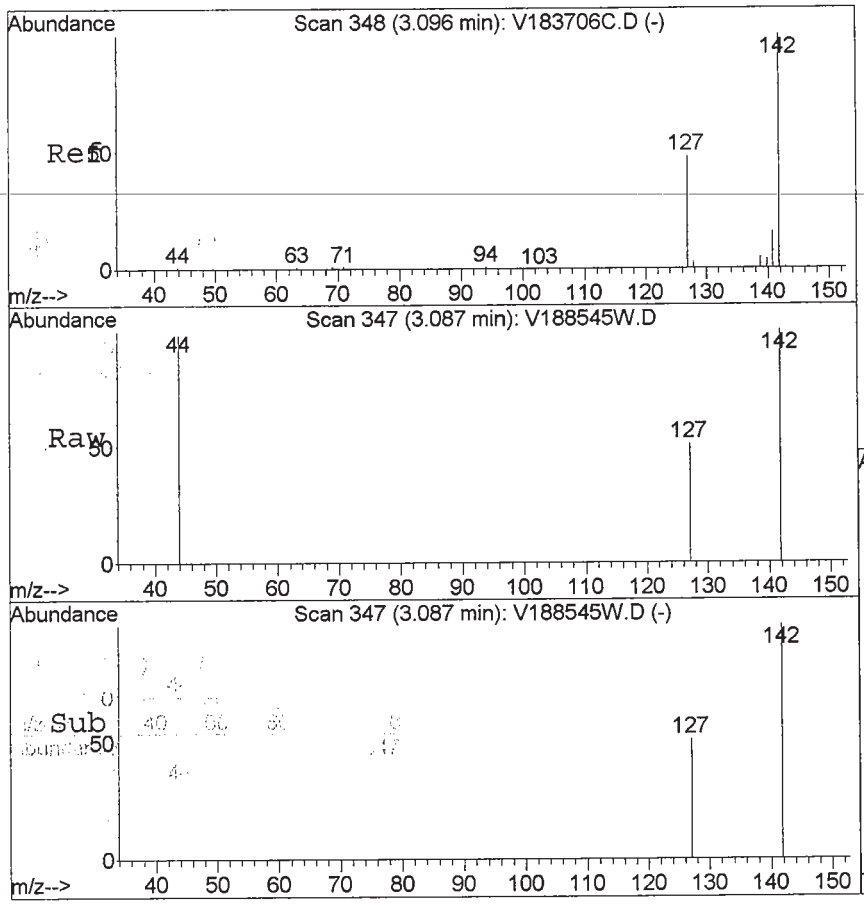


#5
Bromomethane
Concen: 1.23 ppb
RT: 2.14 min Scan# 186
Delta R.T. -0.00 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion: 94 Resp: 5149

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

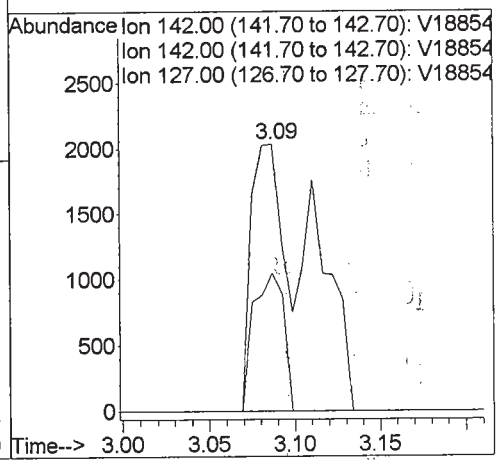


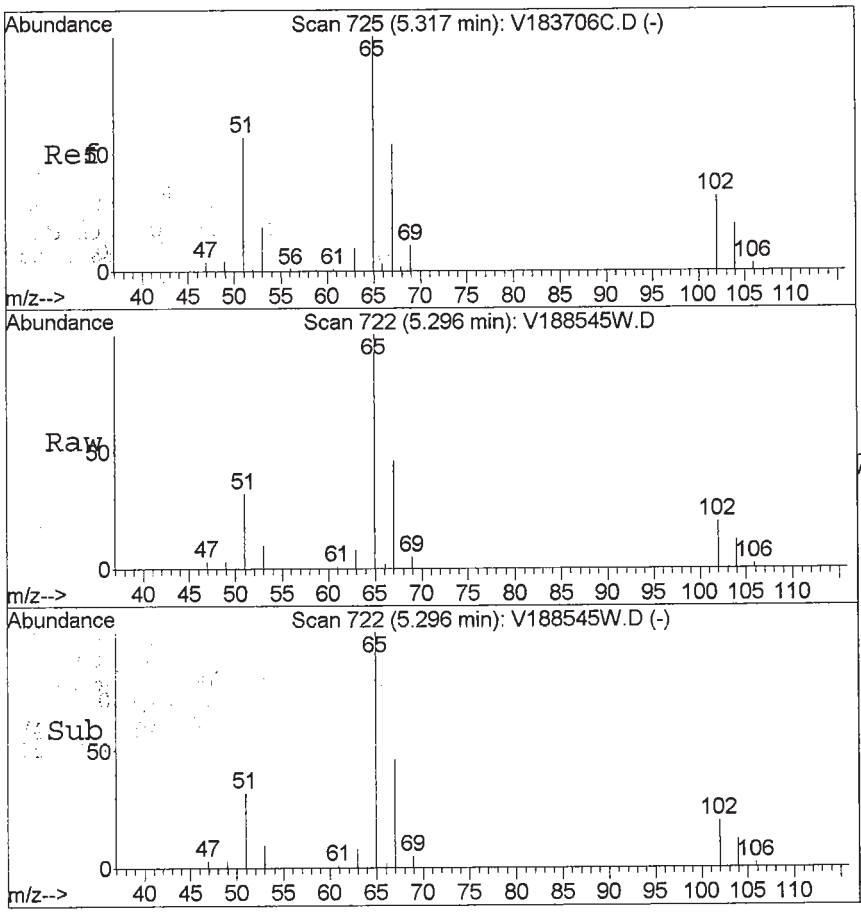


#12
Iodomethane
Concen: 1.06 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion:142 Resp: 4770

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

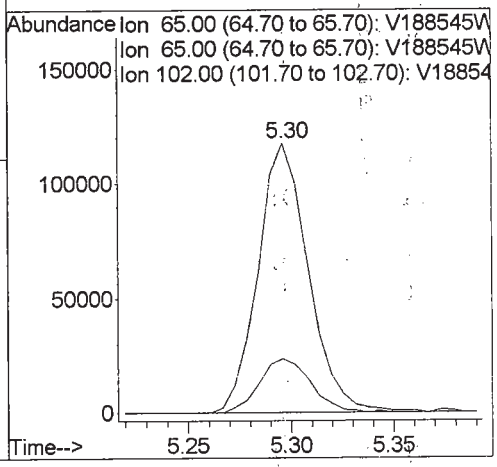


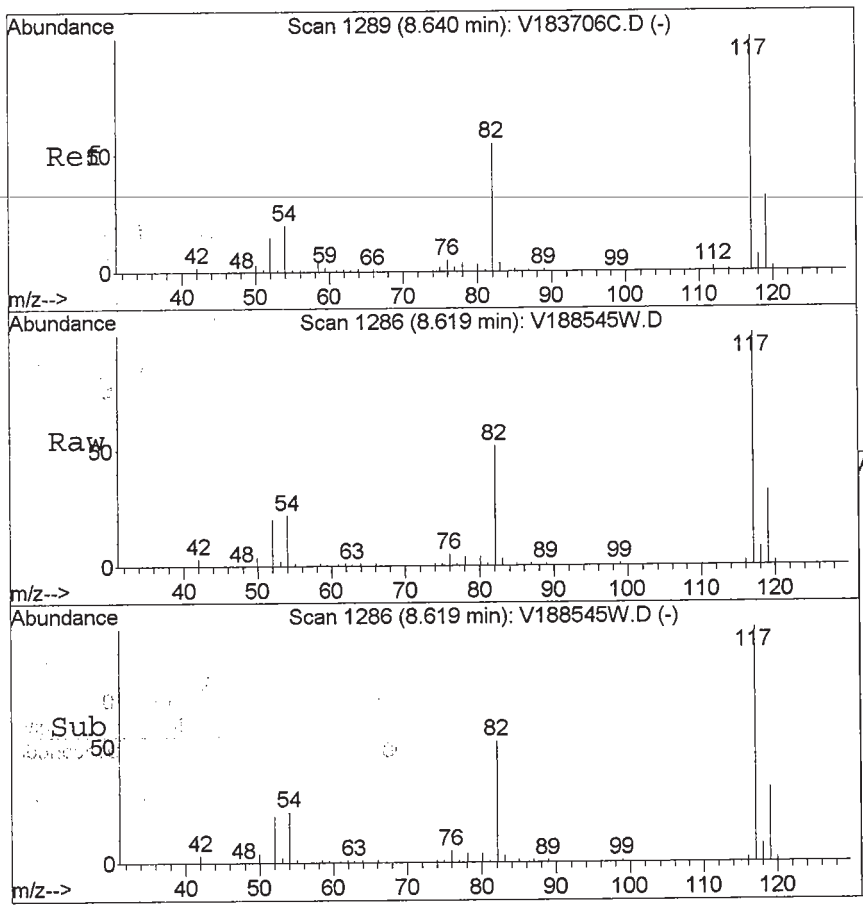


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion: 65 Resp: 200049

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.7	15.8	23.8

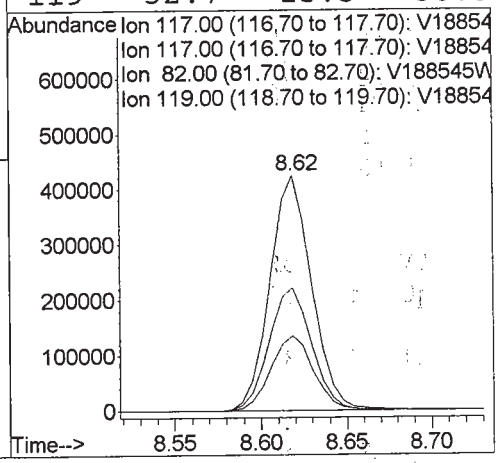


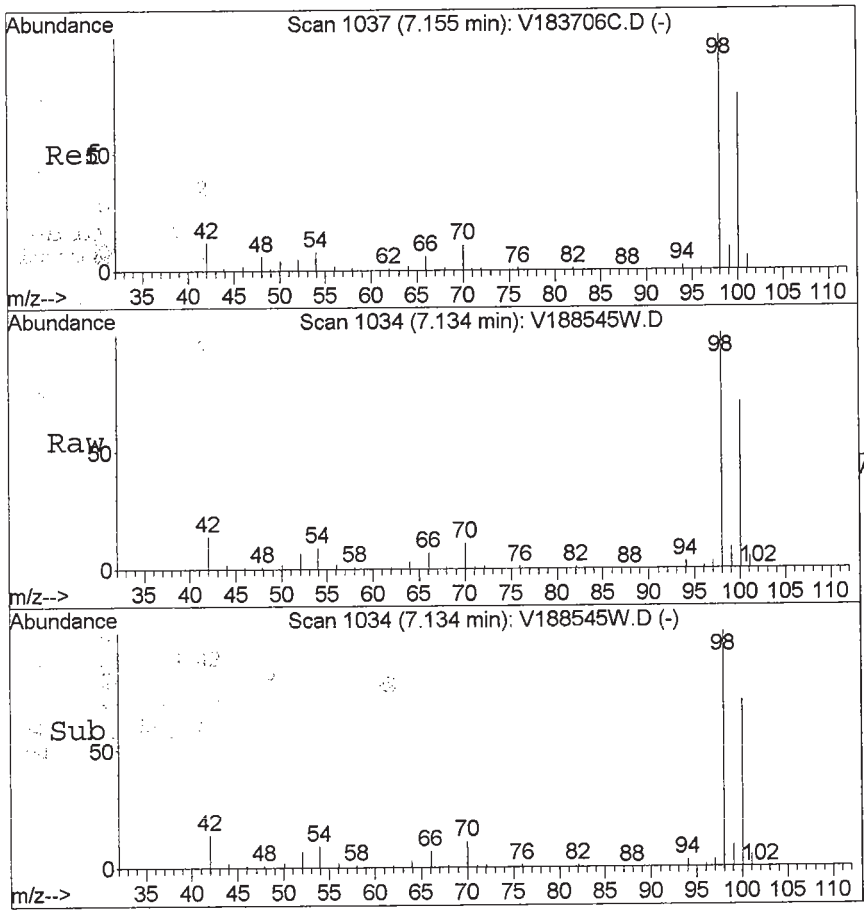


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion:117 Resp: 719072

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.7	25.5	38.3

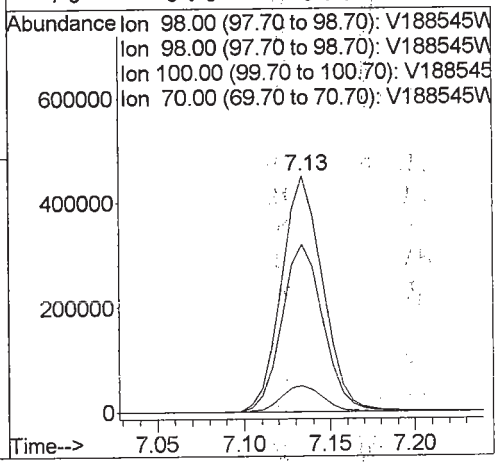


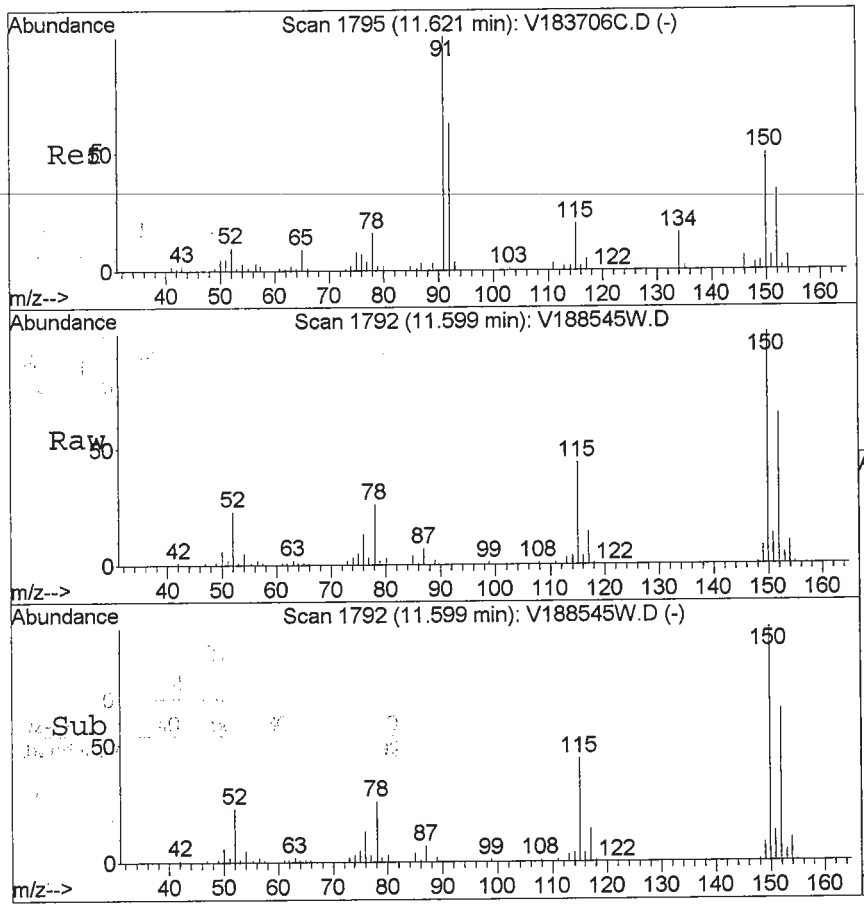


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion: 98 Resp: 753027

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.1	35.3	105.7
70	0.0	0.0	0.0

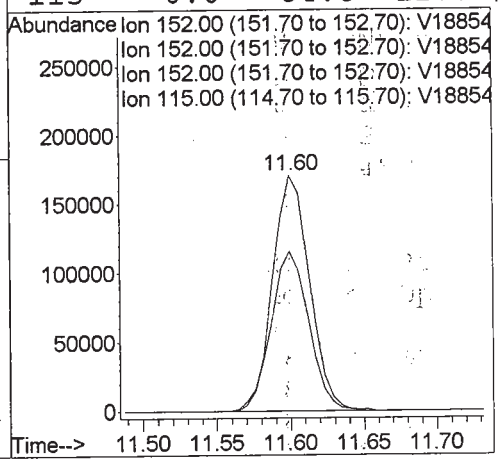


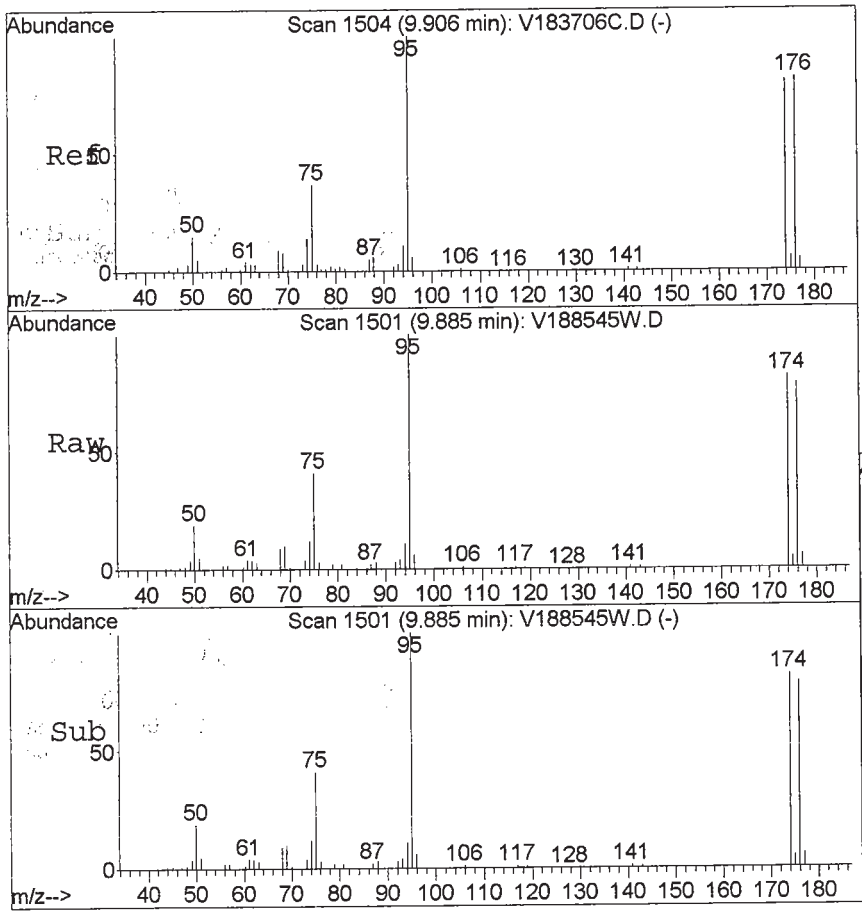


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion:152 Resp: 298989

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

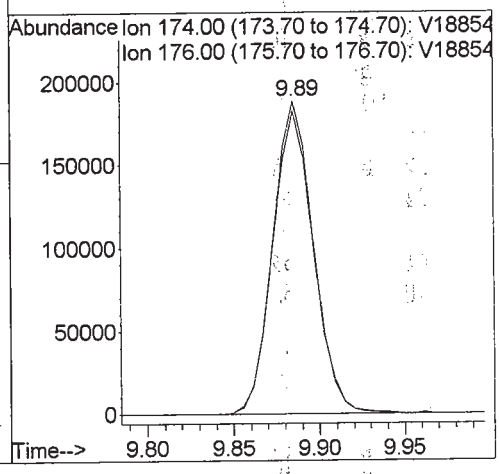




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188545W.D
Acq: 27 Apr 2013 4:41 am

Tgt Ion:174 Resp: 310107

Ion	Ratio	Lower	Upper
174	100		
176	97.0	77.4	116.0



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

MW-3C

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-10	File ID:	V188546W.D
Sampled:	04/23/13 15:10	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 05:20
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-10 File ID: V188546W.D

Sampled: 04/23/13 15:10 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 05:20

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.6	109	72.6 - 129	
p-Bromofluorobenzene	50.0	51.2	102	63.5 - 145	
Toluene-d8	50.0	48.4	96.8	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188546W.D Vial: 33
Acq On : 27 Apr 2013 5:20 am Operator: SS
Sample : 13D0938-10 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:08 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

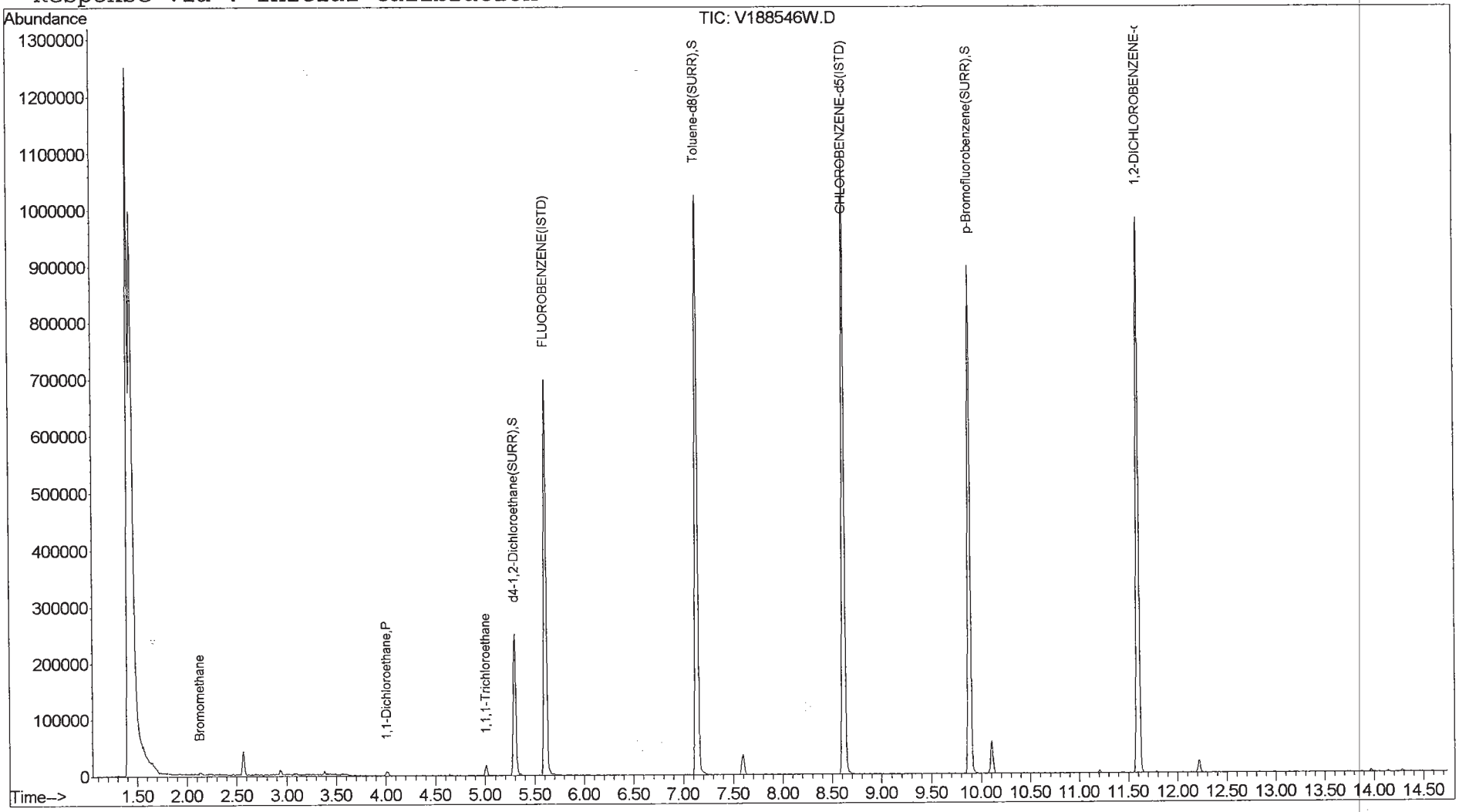
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	118794	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	675363	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	276112	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	188685	54.62	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 109.24%			
47) Toluene-d8(SURR)	7.13	98	701157	48.42	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.84%			
64) p-Bromofluorobenzene(SURR)	9.88	174	285679	51.19	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.38%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	4126	1.08	ppb #	51
21) 1,1-Dichloroethane	4.02	63	8689	1.12	ppb	98
30) 1,1,1-Trichloroethane	5.01	97	13031	1.15	ppb #	93

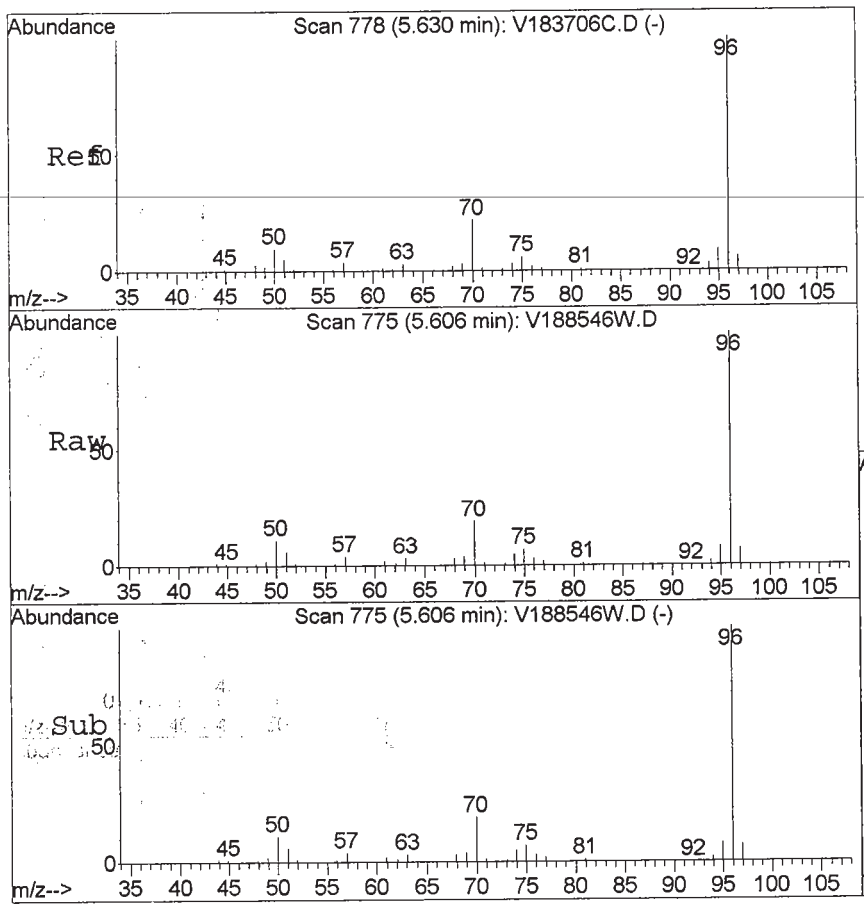
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188546W.D Vial: 33
Acq On : 27 Apr 2013 5:20 am Operator: SS
Sample : 13D0938-10 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:08 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

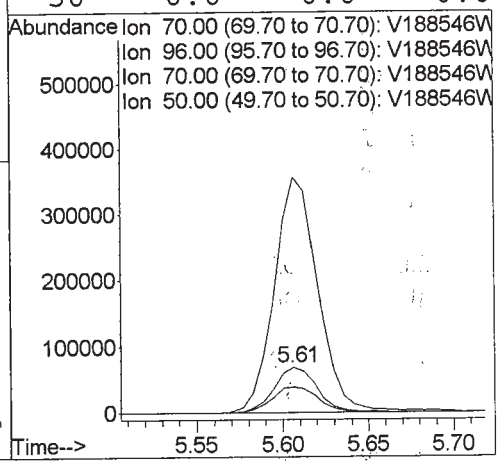


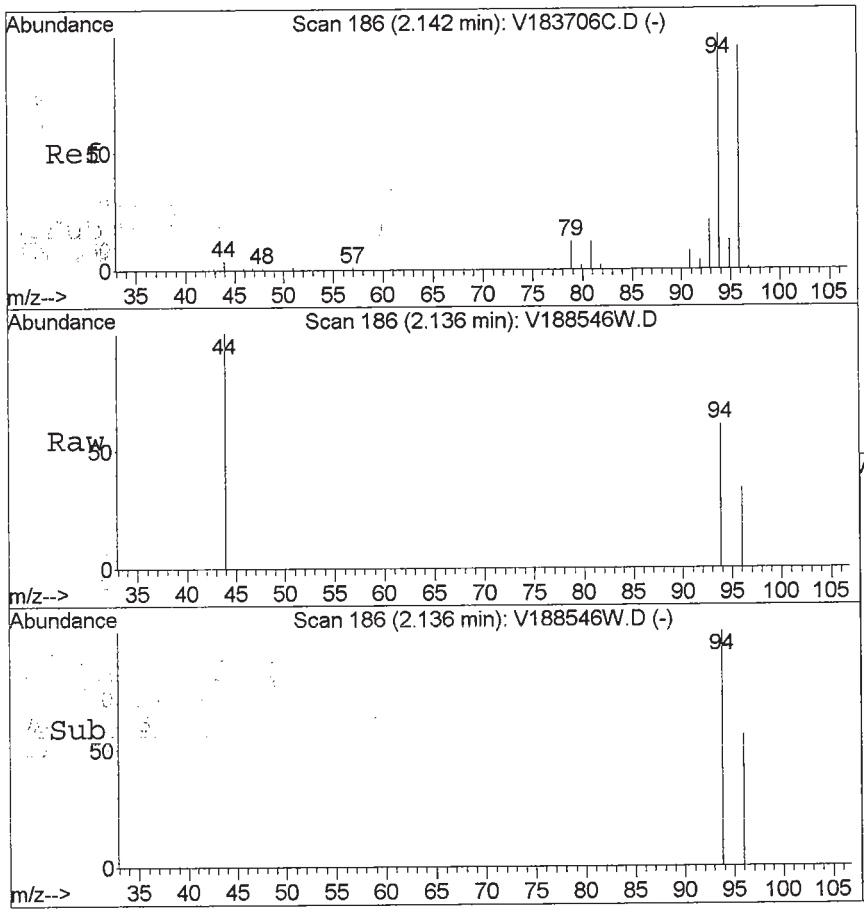


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 70 Resp: 118794

Ion	Ratio	Lower	Upper
70	100		
96	526.1	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

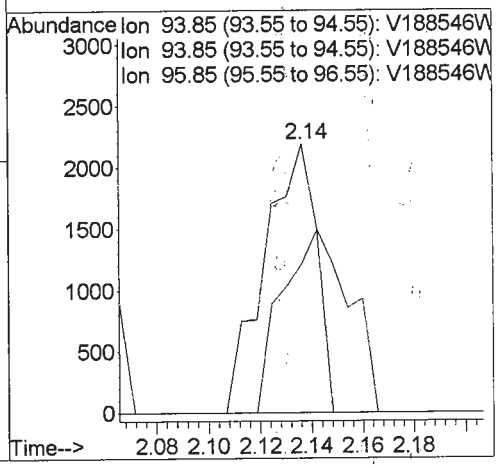


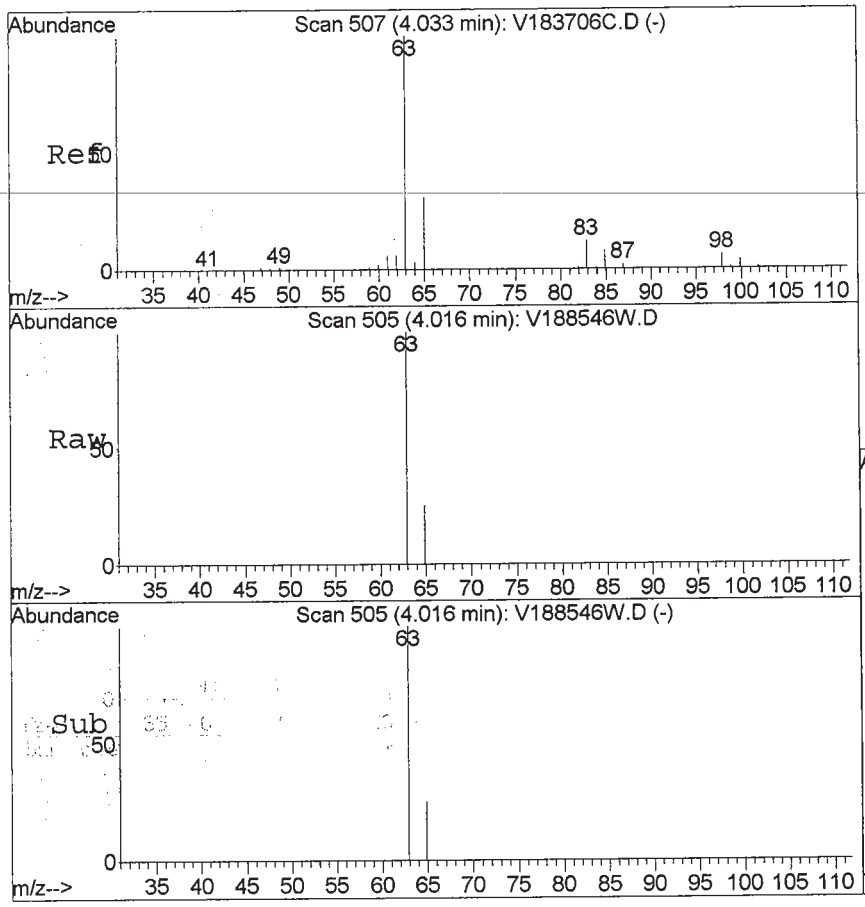


#5
Bromomethane
Concen: 1.08 ppb
RT: 2.14 min Scan# 186
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 94 Resp: 4126

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

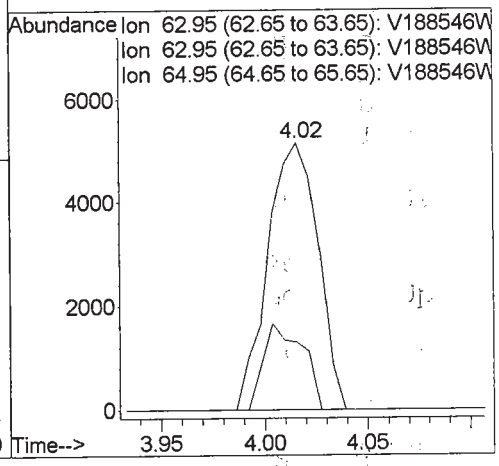


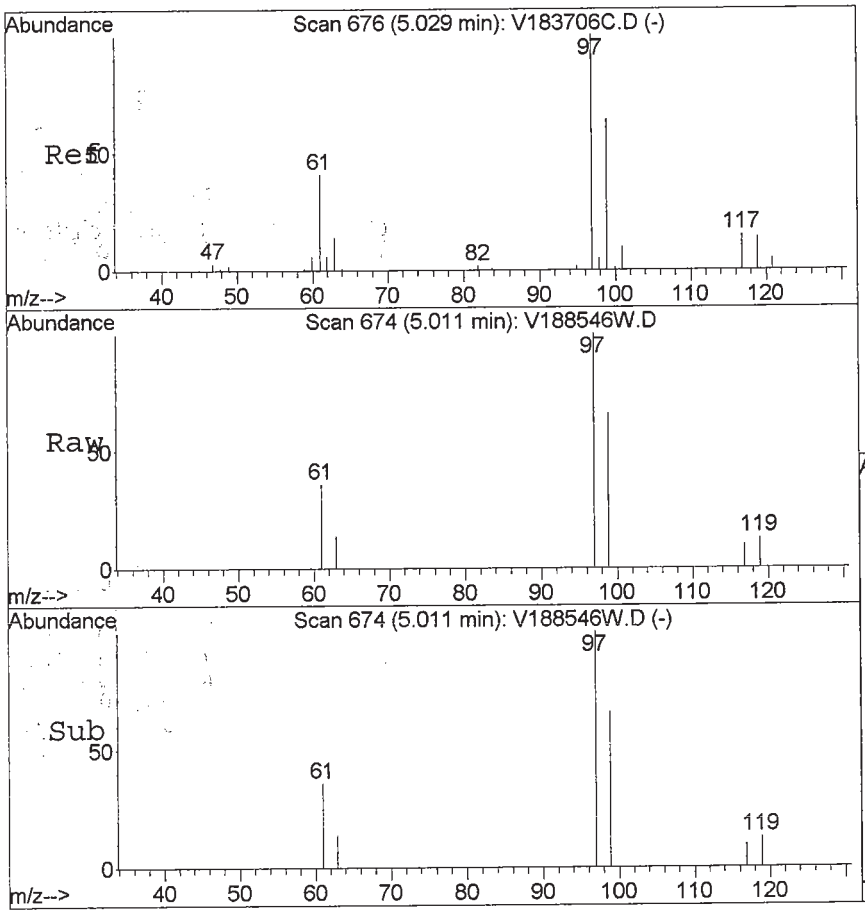


#21
1,1-Dichloroethane
Concen: 1.12 ppb
RT: 4.02 min Scan# 505
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 63 Resp: 8689

Ion	Ratio	Lower	Upper
63	100		
63	100.0	50.0	150.0
65	25.3	15.4	46.1

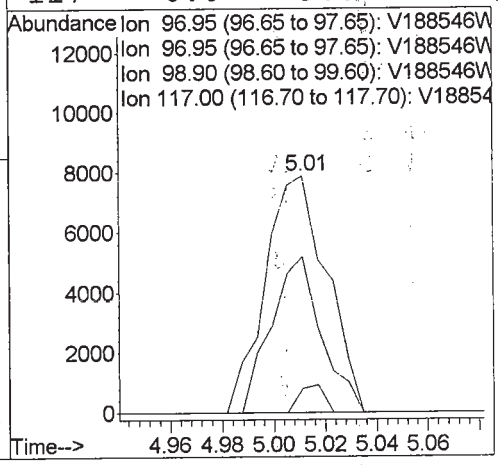


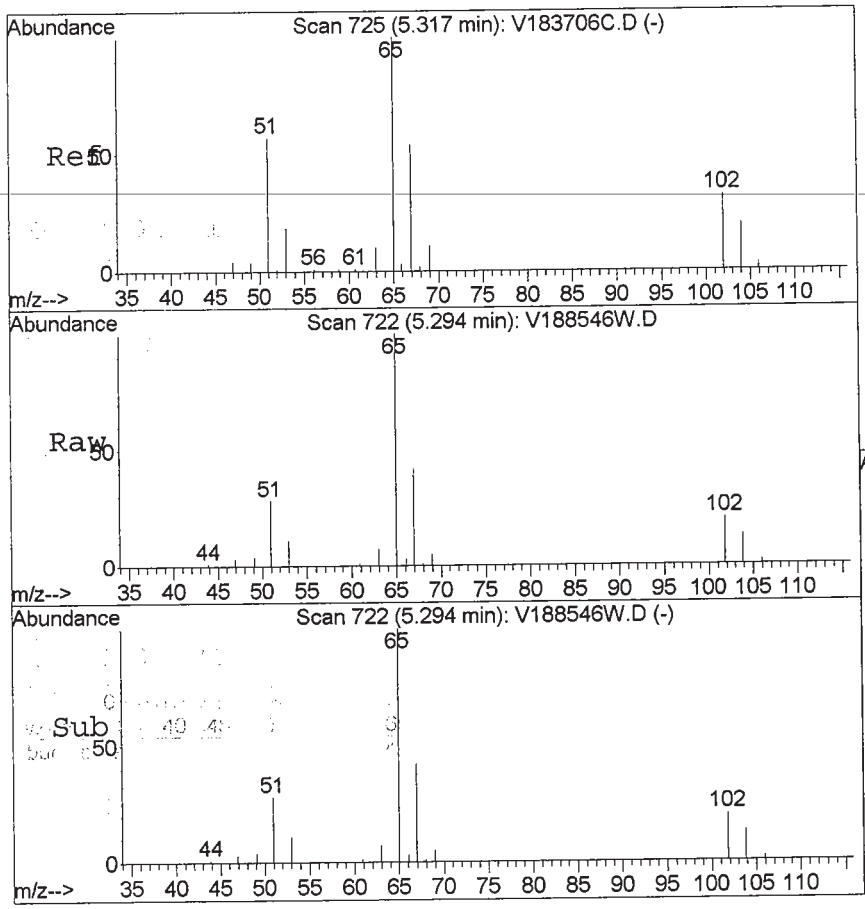


#30
1,1,1-Trichloroethane
Concen: 1.15 ppb
RT: 5.01 min Scan# 674
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 97 Resp: 13031

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	54.1	52.2	78.4
117	0.0	9.0	13.4#

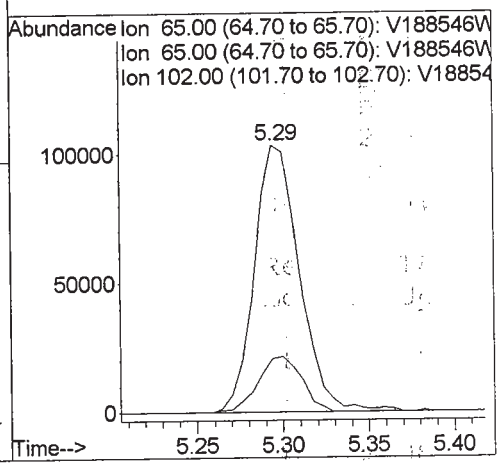


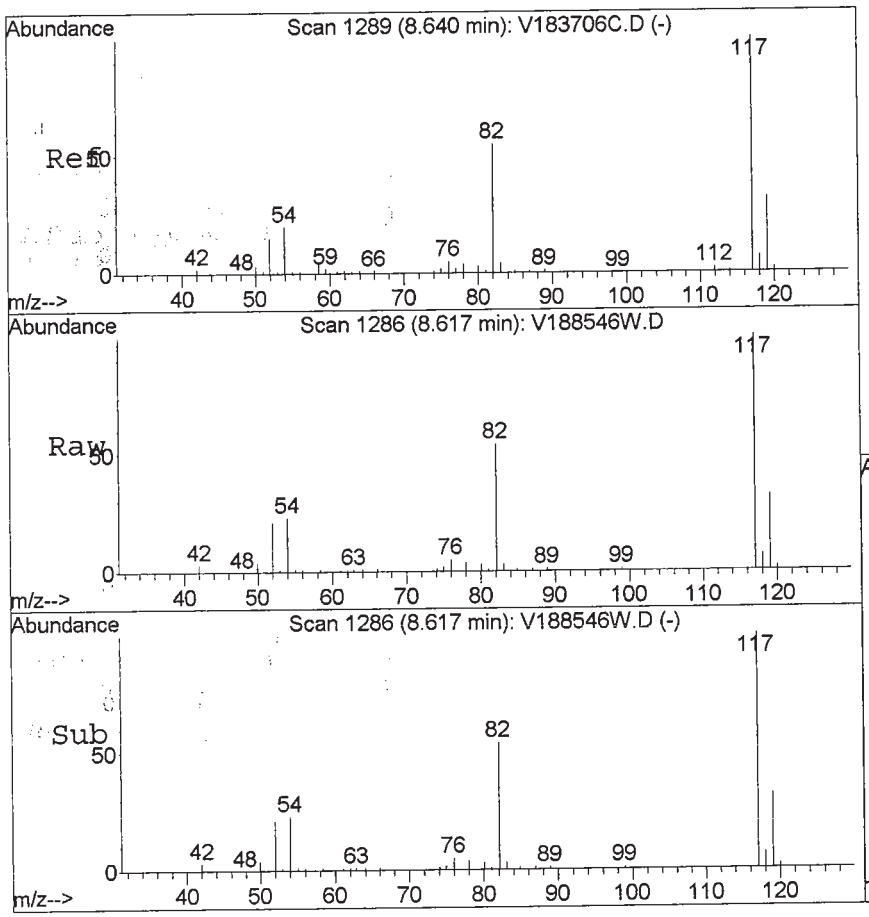


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 65 Resp: 188685

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.3	15.8	23.8

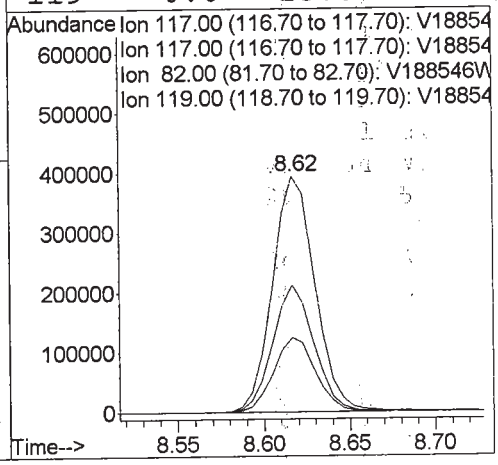


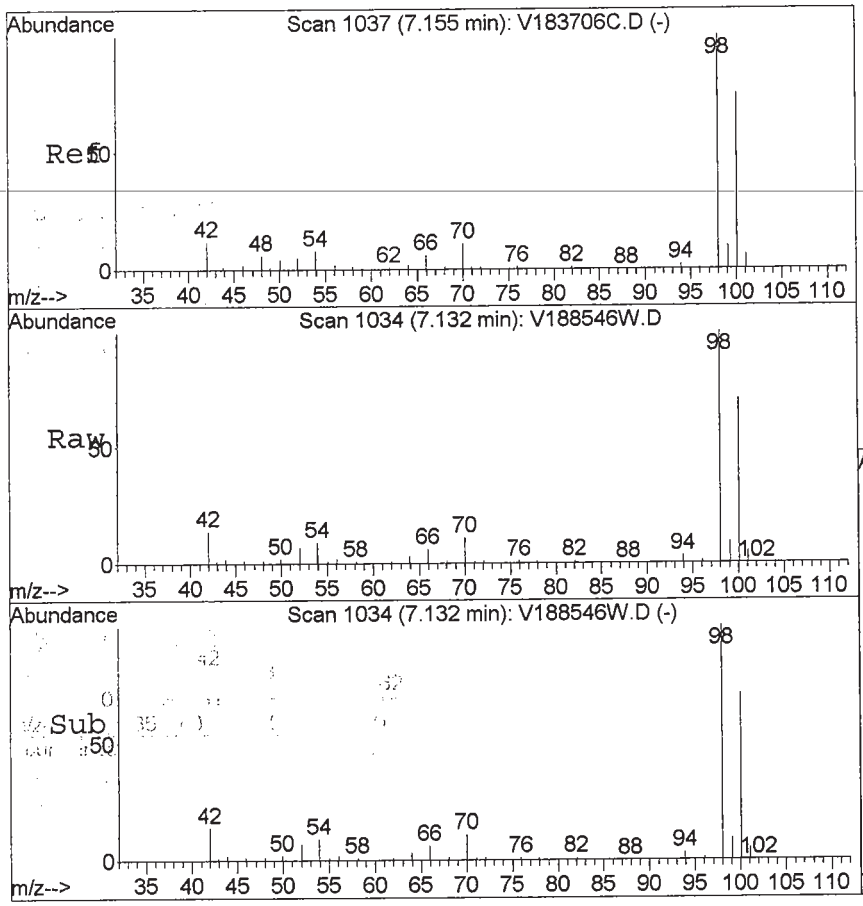


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion:117 Resp: 675363

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	52.1	0.0	0.0#
119	0.0	25.5	38.3#

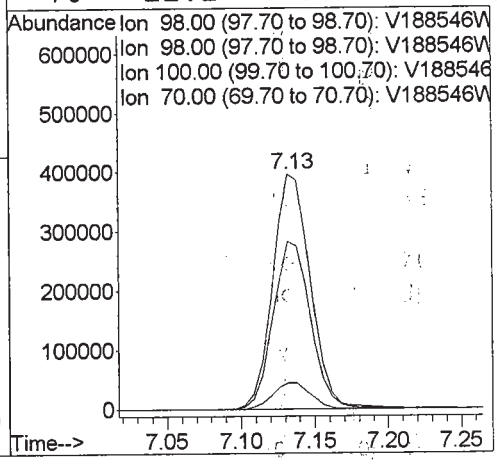


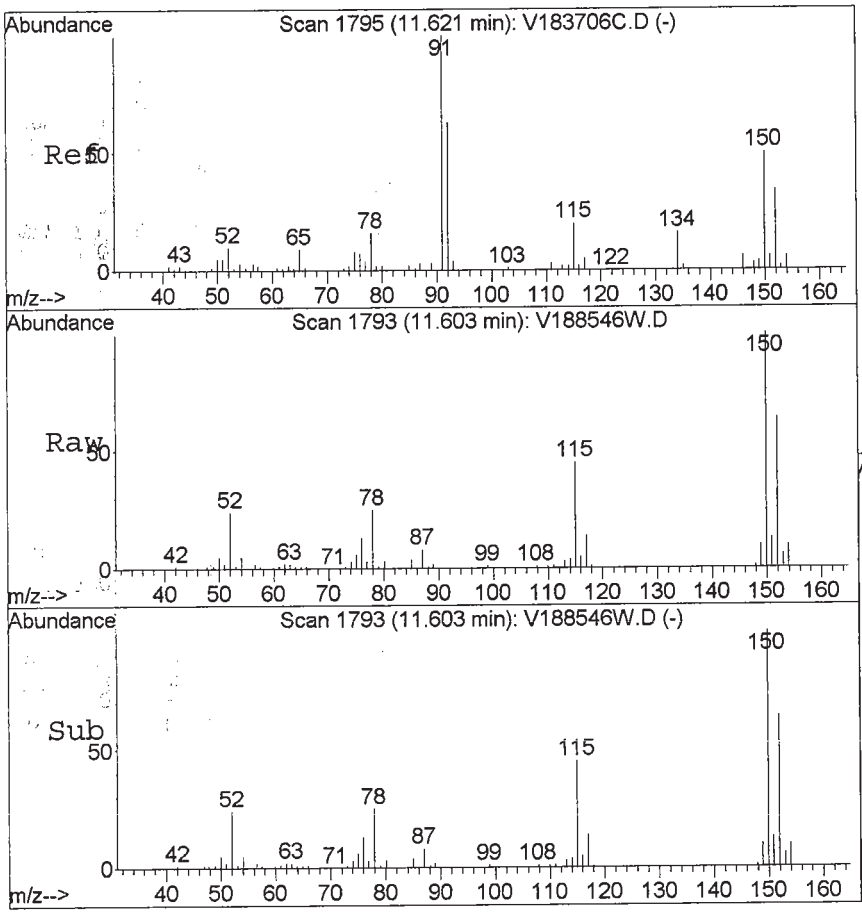


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion: 98 Resp: 701157

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.9	35.3	105.7
70	11.2	0.0	0.0#

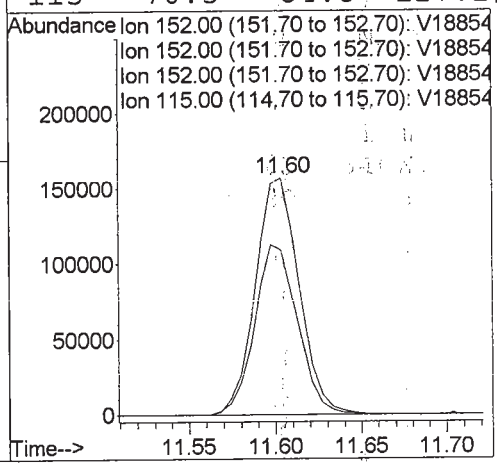


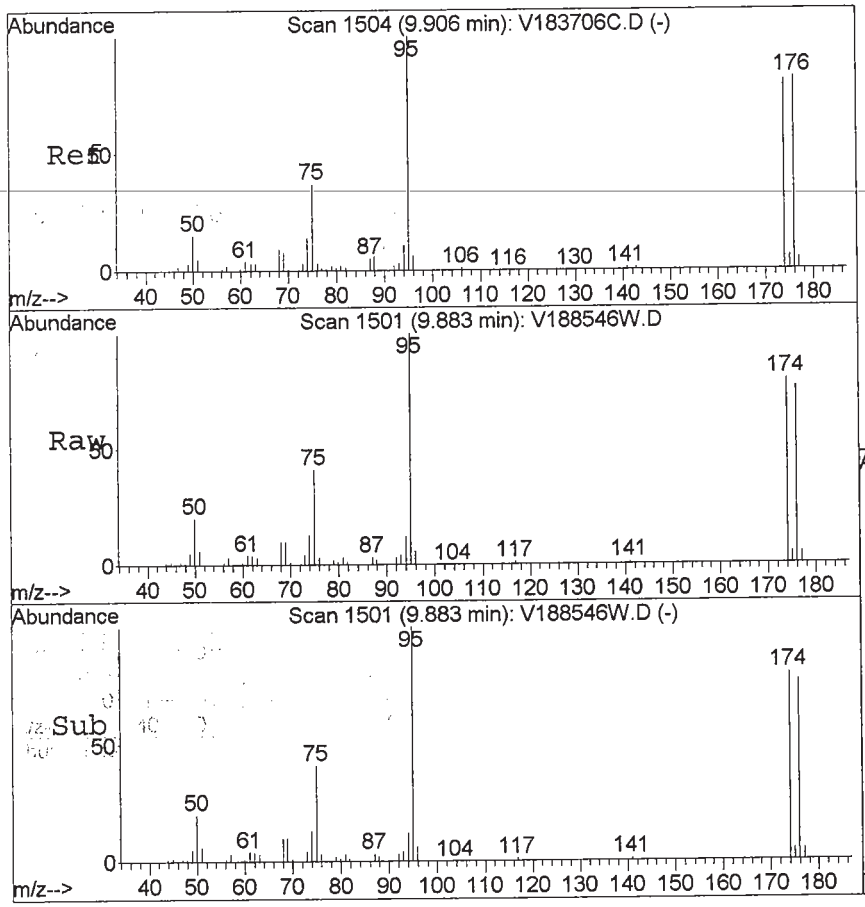


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion:152 Resp: 276112

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	70.5	84.8	127.2#

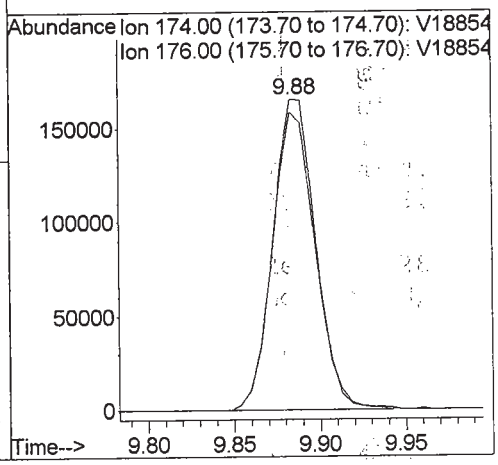




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188546W.D
Acq: 27 Apr 2013 5:20 am

Tgt Ion:174 Resp: 285679

Ion	Ratio	Lower	Upper
174	100		
176	95.9	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-11	File ID:	V188547W.D
Sampled:	04/23/13 20:00	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 05:59
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-11	File ID:	V188547W.D
Sampled:	04/23/13 20:00	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 05:59
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	23	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.4	111	72.6 - 129	
p-Bromofluorobenzene	50.0	49.1	98.2	63.5 - 145	
Toluene-d8	50.0	48.7	97.5	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188547W.D Vial: 34
Acq On : 27 Apr 2013 5:59 am Operator: SS
Sample : 13D0938-11 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

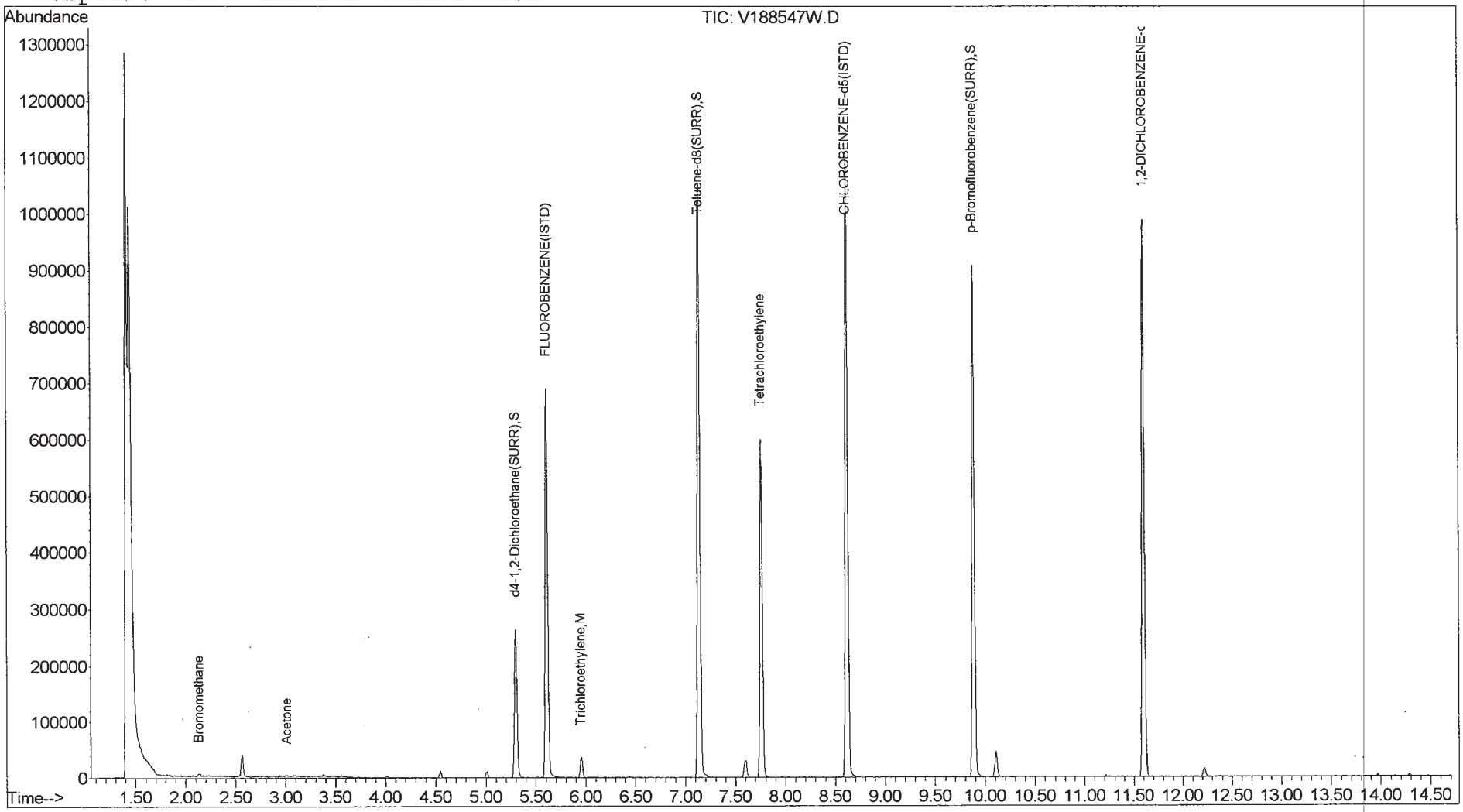
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	119305	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	672519	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	279546	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	192066	55.36	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 110.72%			
47) Toluene-d8(SURR)	7.14	98	702692	48.74	ppb	-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.48%			
64) p-Bromofluorobenzene(SURR)	9.89	174	277455	49.11	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.22%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	4054	1.06	ppb	# 51
20) Acetone	3.01	43	3159	2.37	ppb	# 94
37) Trichloroethylene	5.95	95	13418	1.85	ppb	94
52) Tetrachloroethylene	7.76	166	187760	23.06	ppb	98

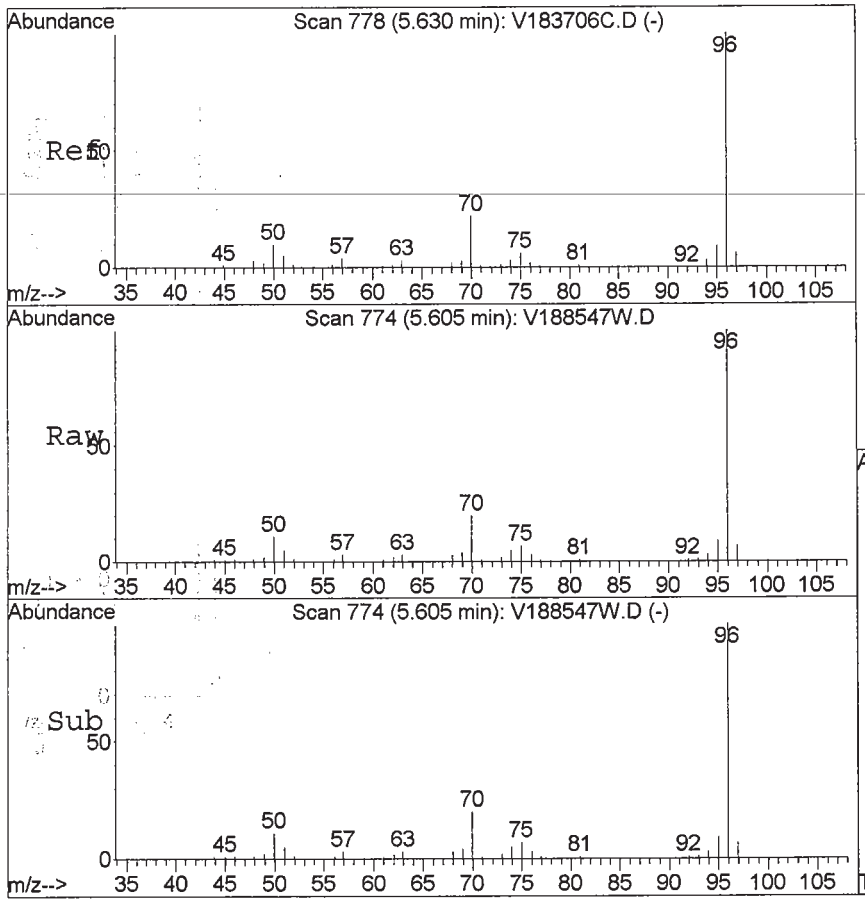
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188547W.D Vial: 34
Acq On : 27 Apr 2013 5:59 am Operator: SS
Sample : 13D0938-11 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

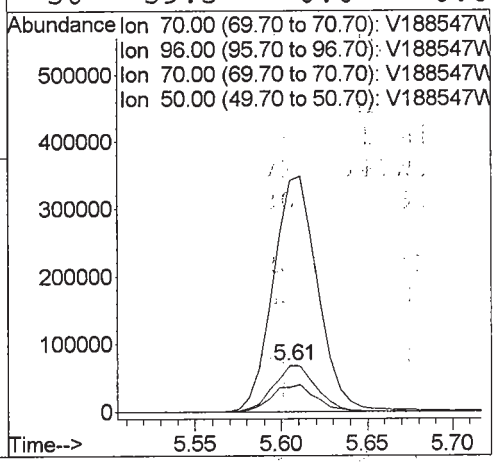


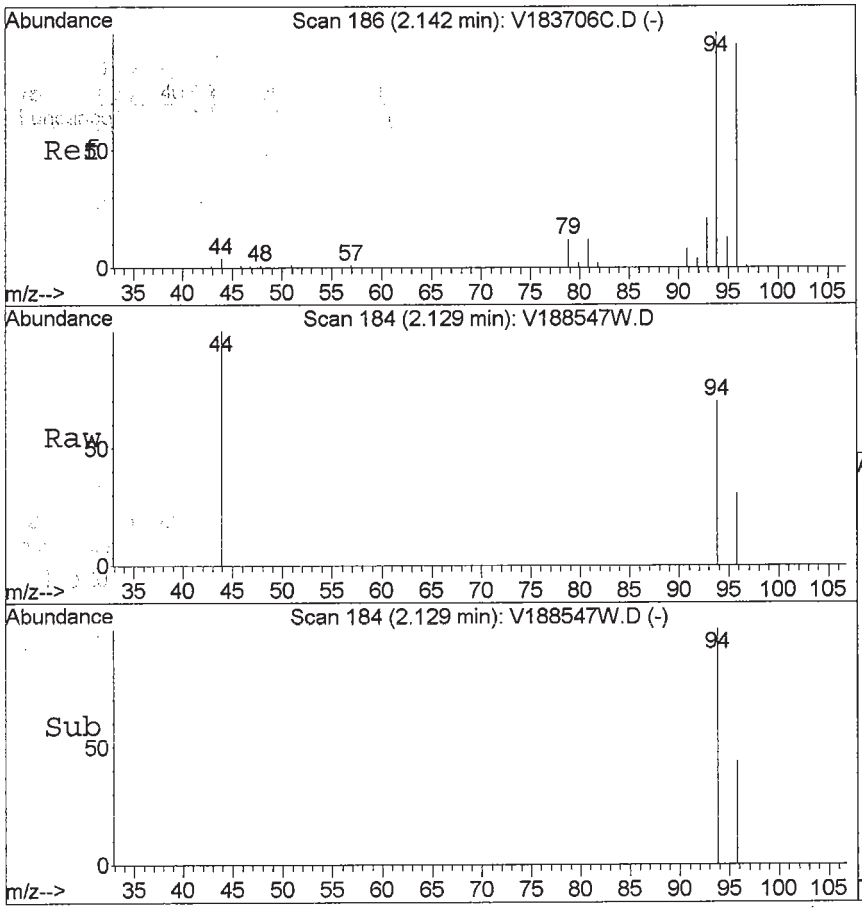


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 70 Resp: 119305

Ion	Ratio	Lower	Upper
70	100		
96	522.7	400.1	600.1
70	100.0	80.0	120.0
50	59.3	0.0	0.0#

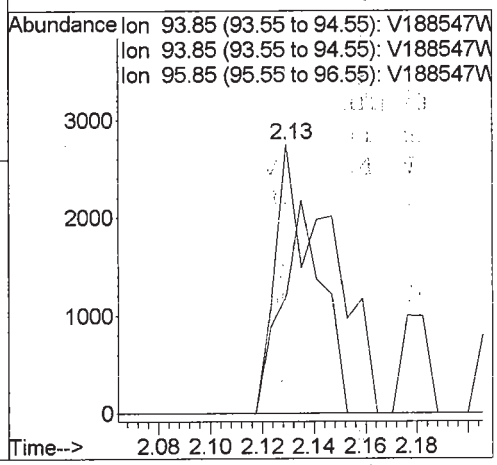


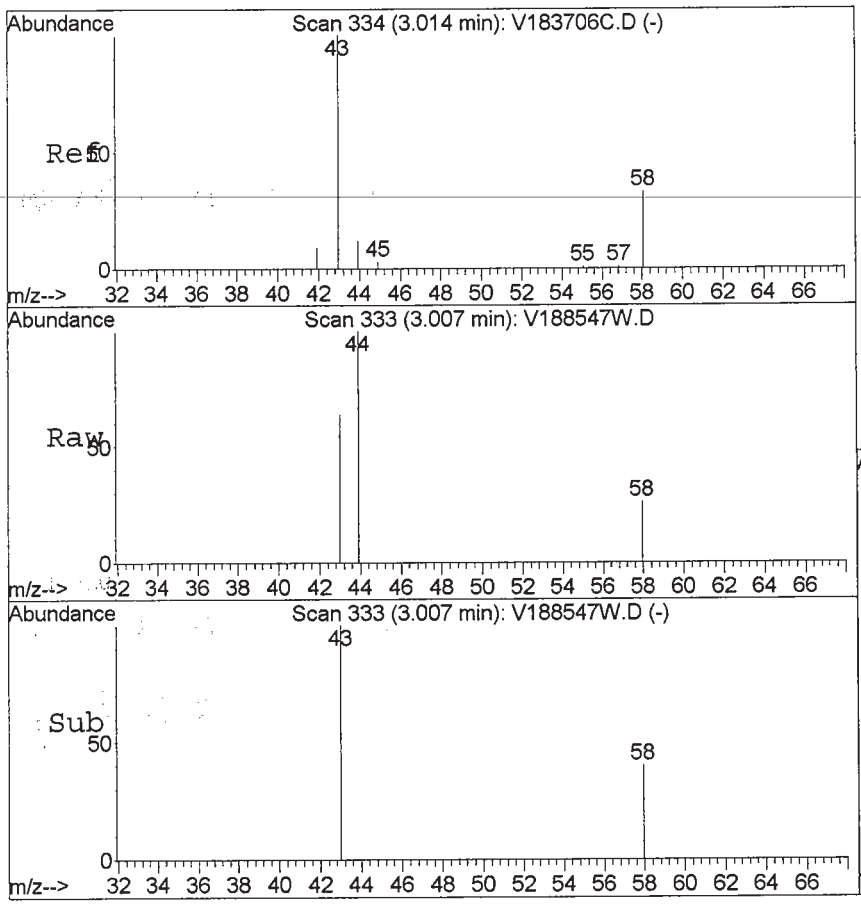


#5
Bromomethane
Concen: 1.06 ppb
RT: 2.13 min Scan# 184
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 94 Resp: 4054

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

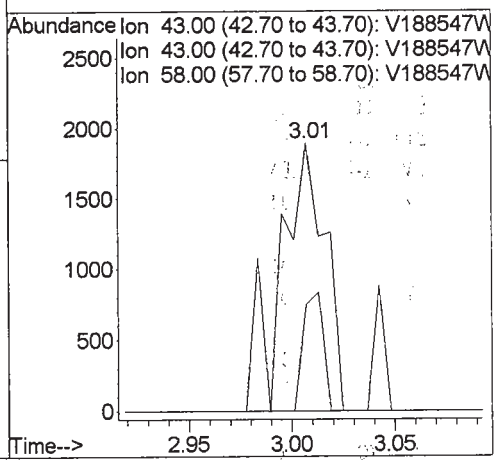


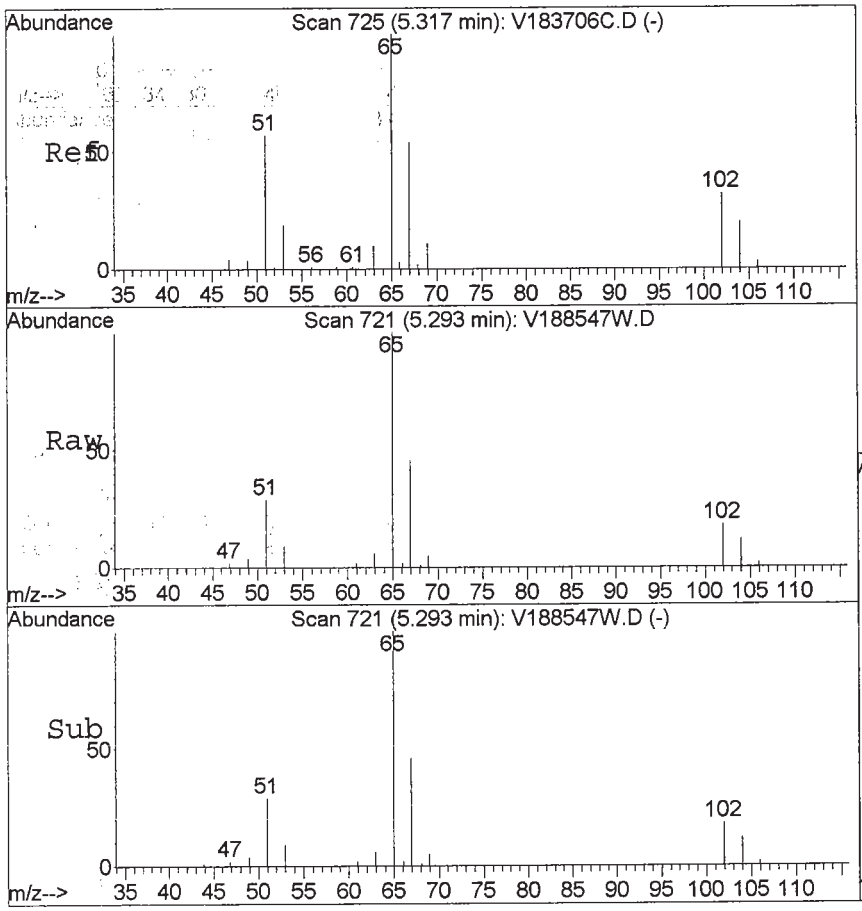


#20
Acetone
Concen: 2.37 ppb
RT: 3.01 min Scan# 333
Delta R.T. -0.00 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 43 Resp: 3159

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	14.5	21.7#

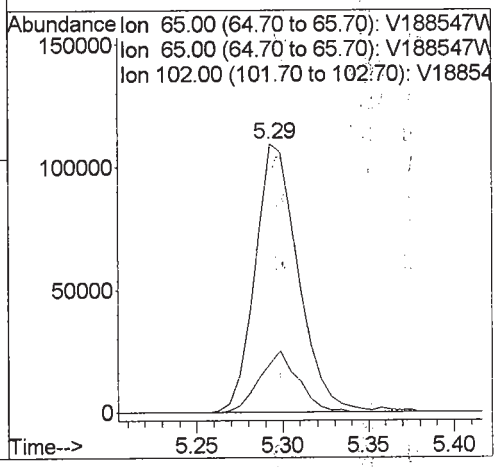


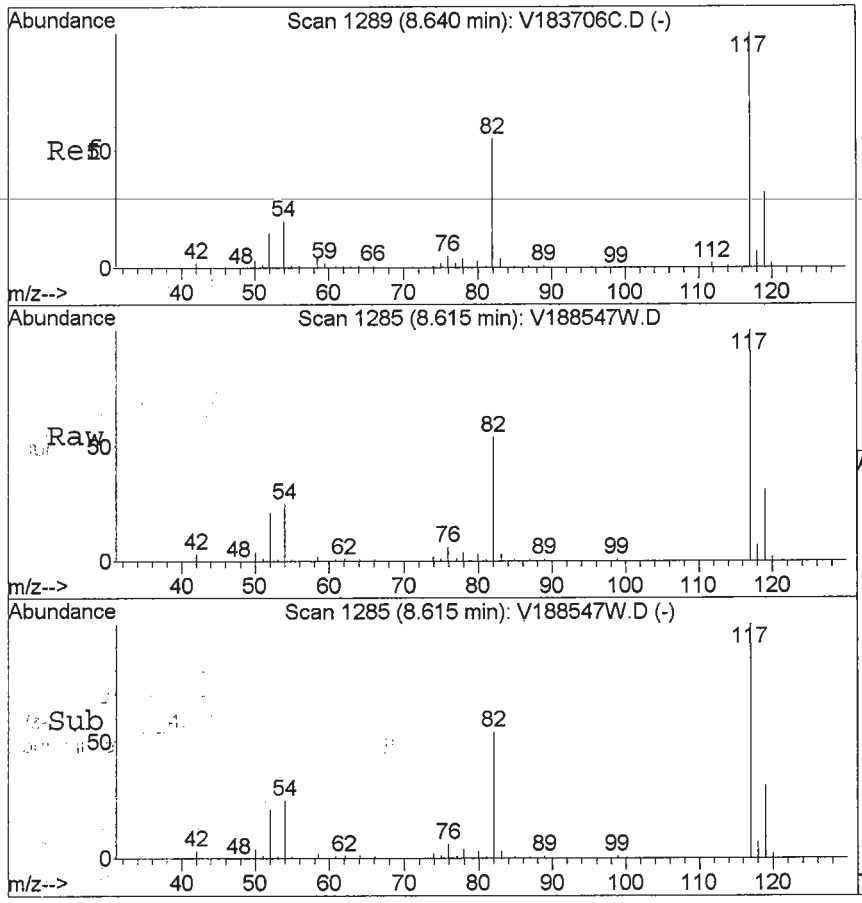


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 65 Resp: 192066

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.4	15.8	23.8

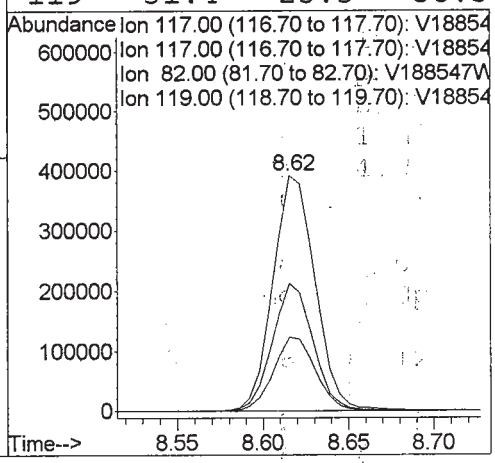


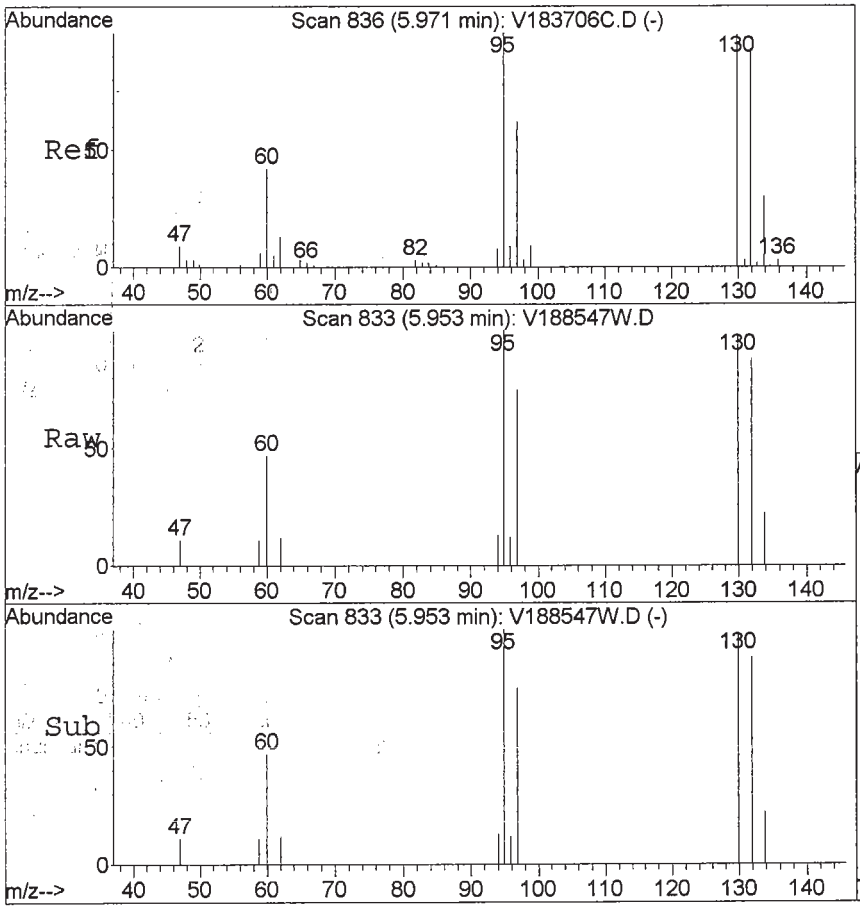


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion:117 Resp: 672519

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.4	25.5	38.3

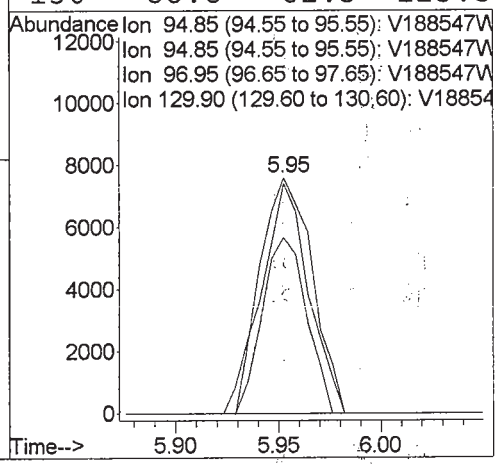


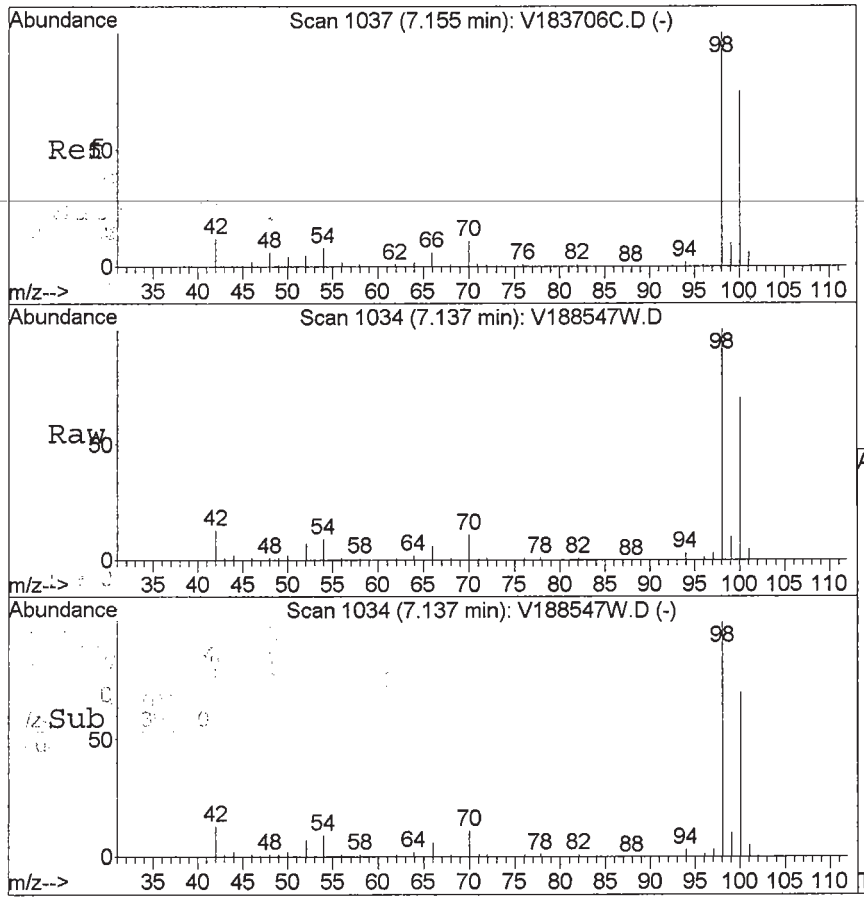


#37
Trichloroethylene
Concen: 1.85 ppb
RT: 5.95 min Scan# 833
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 95 Resp: 13418

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	63.4	53.6	80.4
130	88.8	82.3	123.5

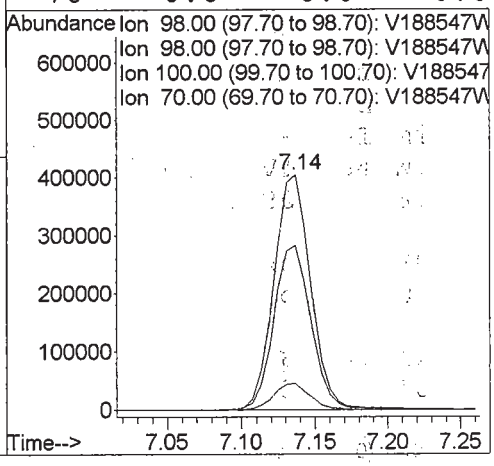


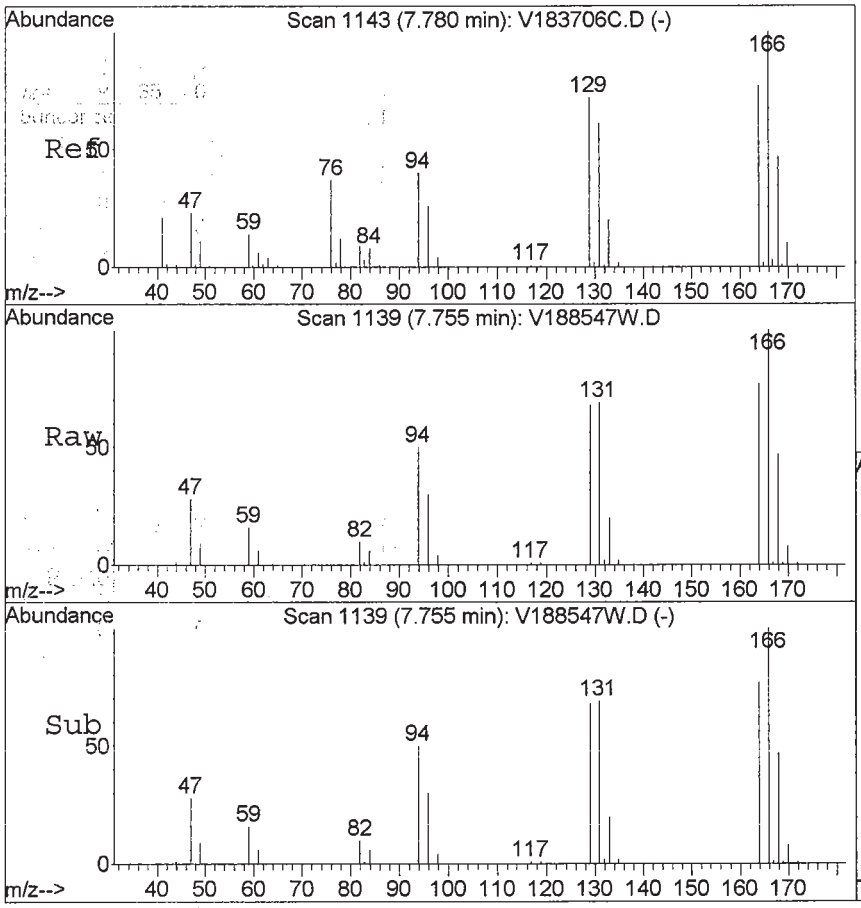


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1034
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion: 98 Resp: 702692

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.5	35.3	105.7
70	0.0	0.0	0.0

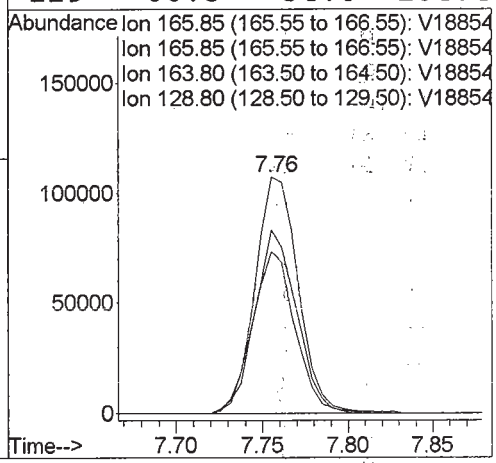


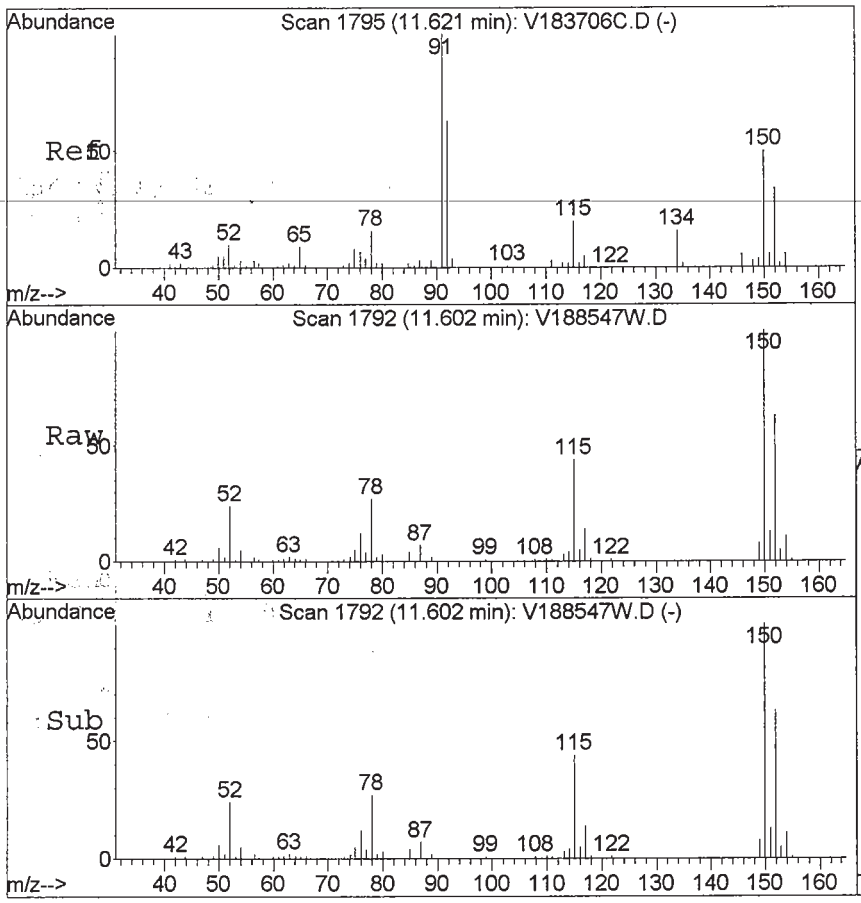


#52
Tetrachloroethylene
Concen: 23.06 ppb
RT: 7.76 min Scan# 1139
Delta R.T. -0.02 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion:166 Resp: 187760

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	75.6	39.1	117.5
129	66.3	34.8	104.4

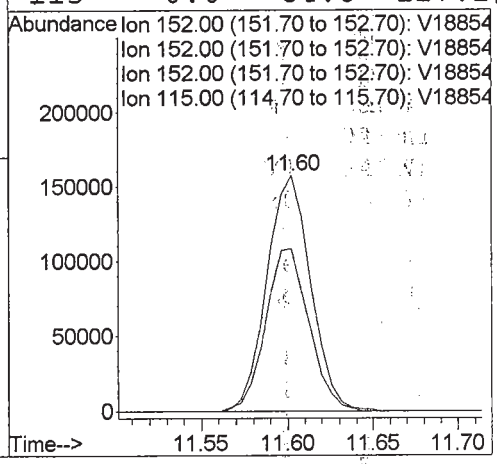


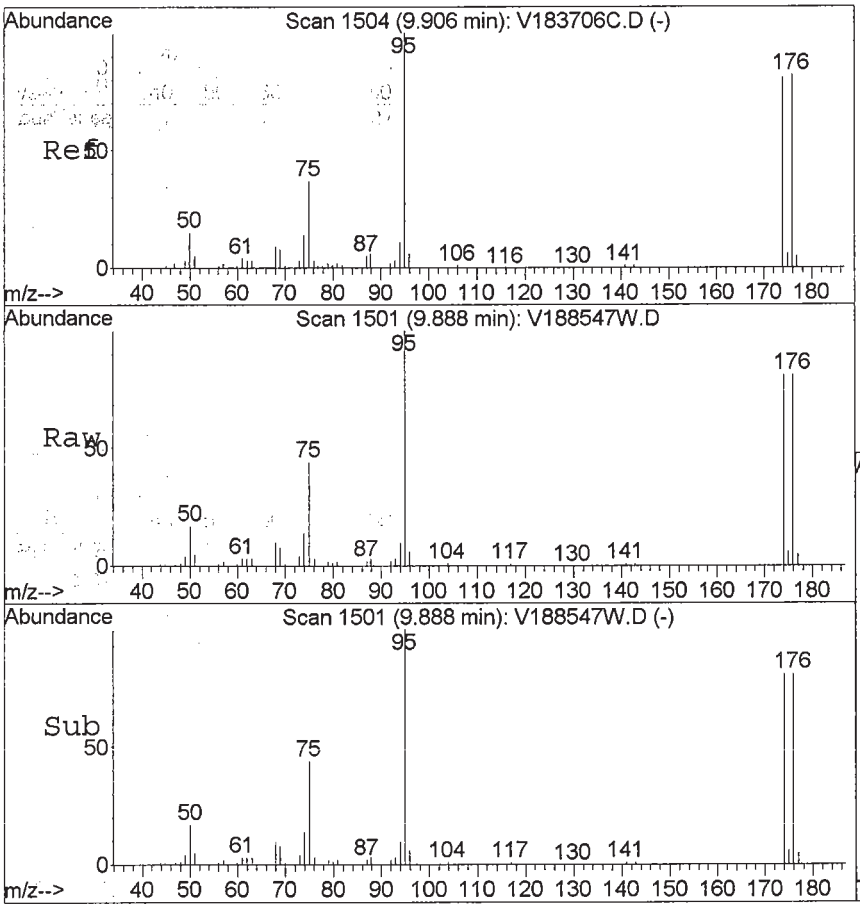


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion:152 Resp: 279546

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

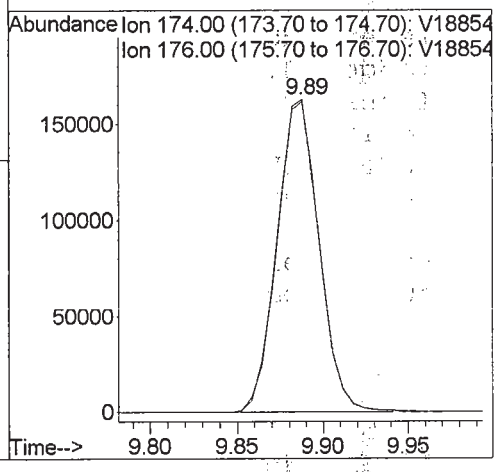




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188547W.D
Acq: 27 Apr 2013 5:59 am

Tgt Ion:174 Resp: 277455

Ion	Ratio	Lower	Upper
174	100		
176	99.7	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-12	File ID:	V188548W.D
Sampled:	04/23/13 19:45	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 06:39
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	3.7	J
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	18	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-12	File ID:	V188548W.D
Sampled:	04/23/13 19:45	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 06:39
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	67	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	28	
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.9	110	72.6 - 129	
p-Bromofluorobenzene	50.0	51.1	102	63.5 - 145	
Toluene-d8	50.0	48.2	96.5	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188548W.D Vial: 35
Acq On : 27 Apr 2013 6:39 am Operator: SS
Sample : 13D0938-12 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:10 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

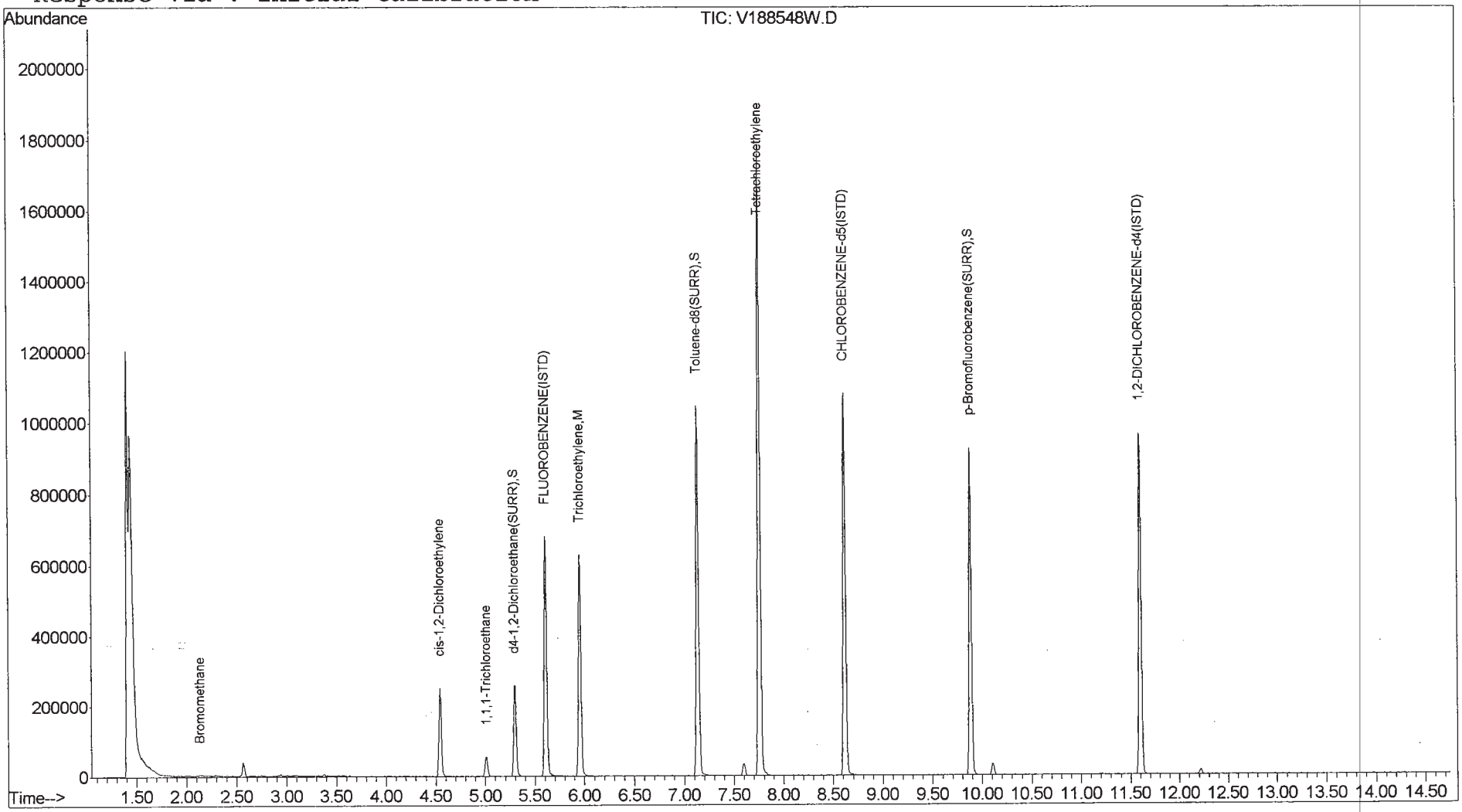
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	118691	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	661904	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	270293	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	189483	54.90	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 109.80%			
47) Toluene-d8(SURR)	7.13	98	684705	48.25	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.50%			
64) p-Bromofluorobenzene(SURR)	9.88	174	279160	51.10	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.20%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	3351	0.88	ppb	# 51
23) cis-1,2-Dichloroethylene	4.55	96	105572	17.77	ppb	# 99
30) 1,1,1-Trichloroethane	5.01	97	41494	3.66	ppb	98
37) Trichloroethylene	5.95	95	201296	28.27	ppb	99
52) Tetrachloroethylene	7.76	166	538613	67.20	ppb	99

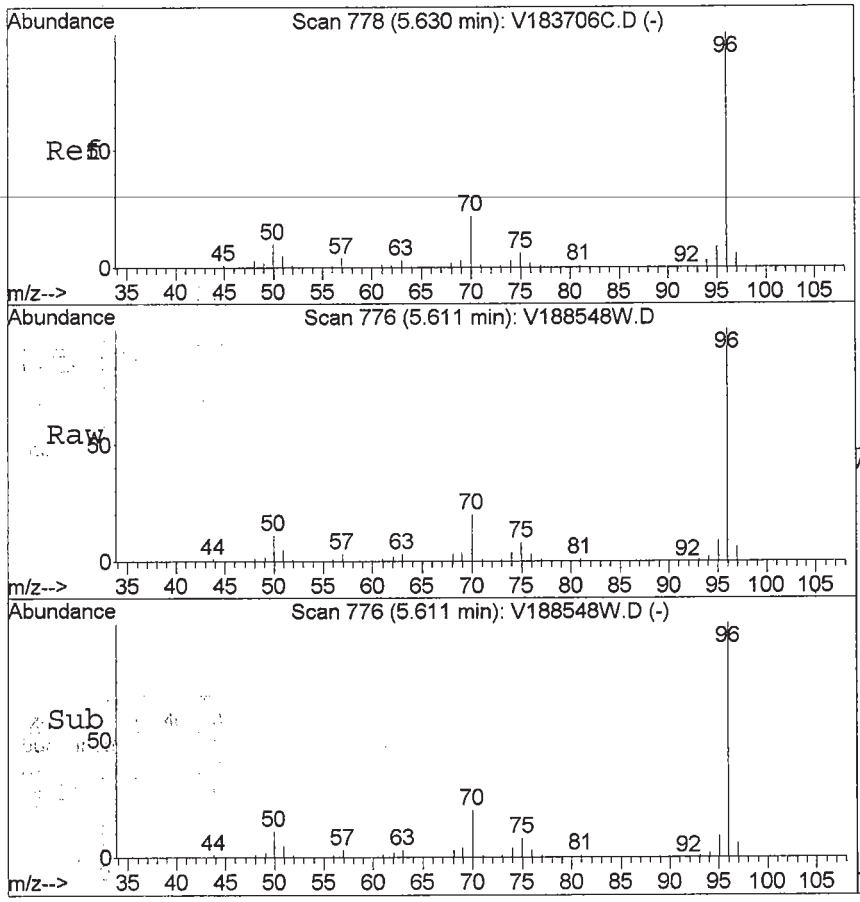
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188548W.D Vial: 35
Acq On : 27 Apr 2013 6:39 am Operator: SS
Sample : 13D0938-12 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:10 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

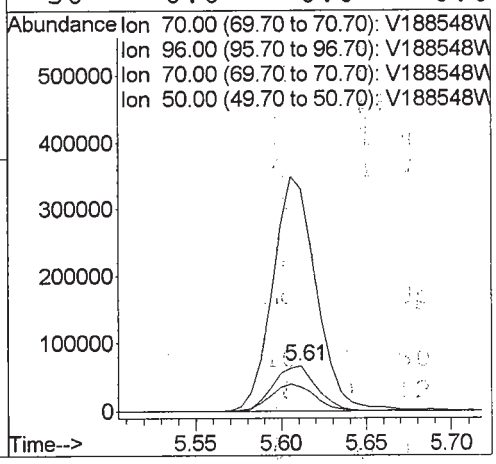


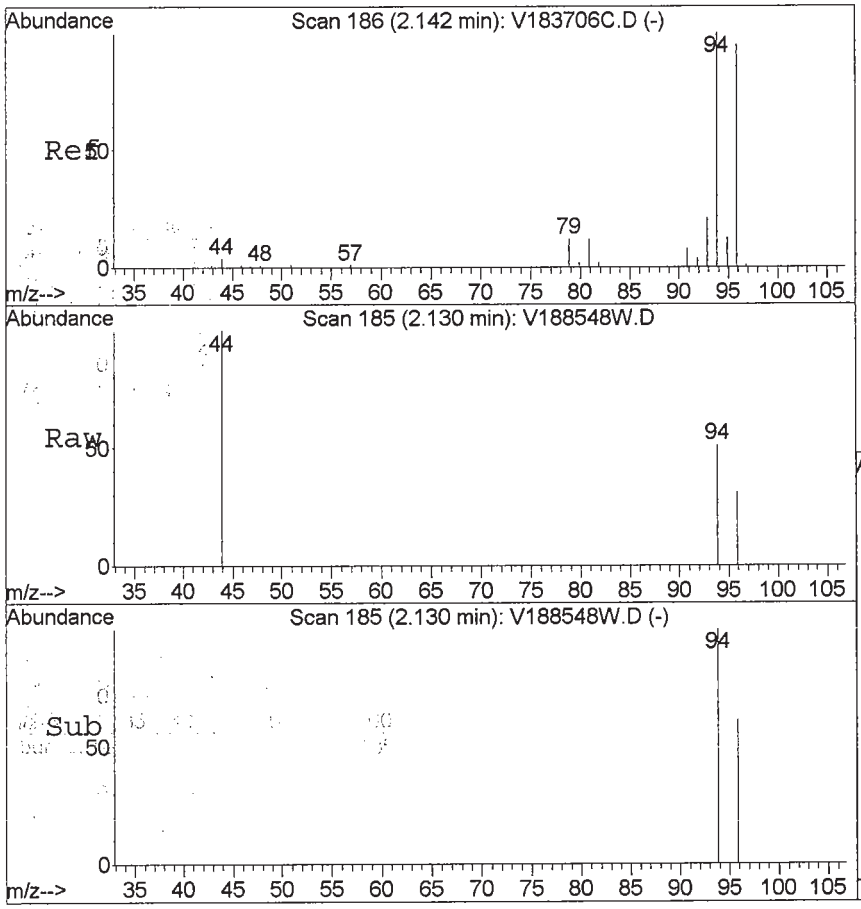


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 776
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 70 Resp: 118691

Ion	Ratio	Lower	Upper
70	100		
96	0.0	400.1	600.1#
70	100.0	80.0	120.0
50	0.0	0.0	0.0

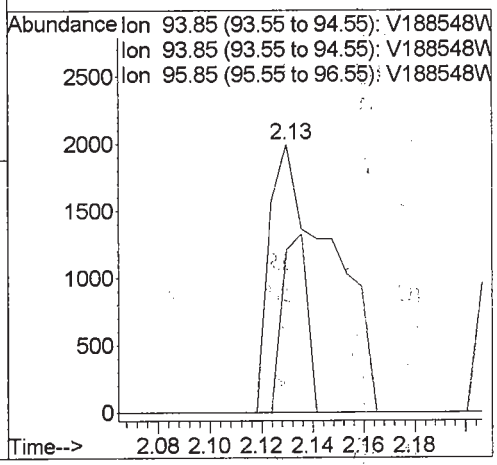


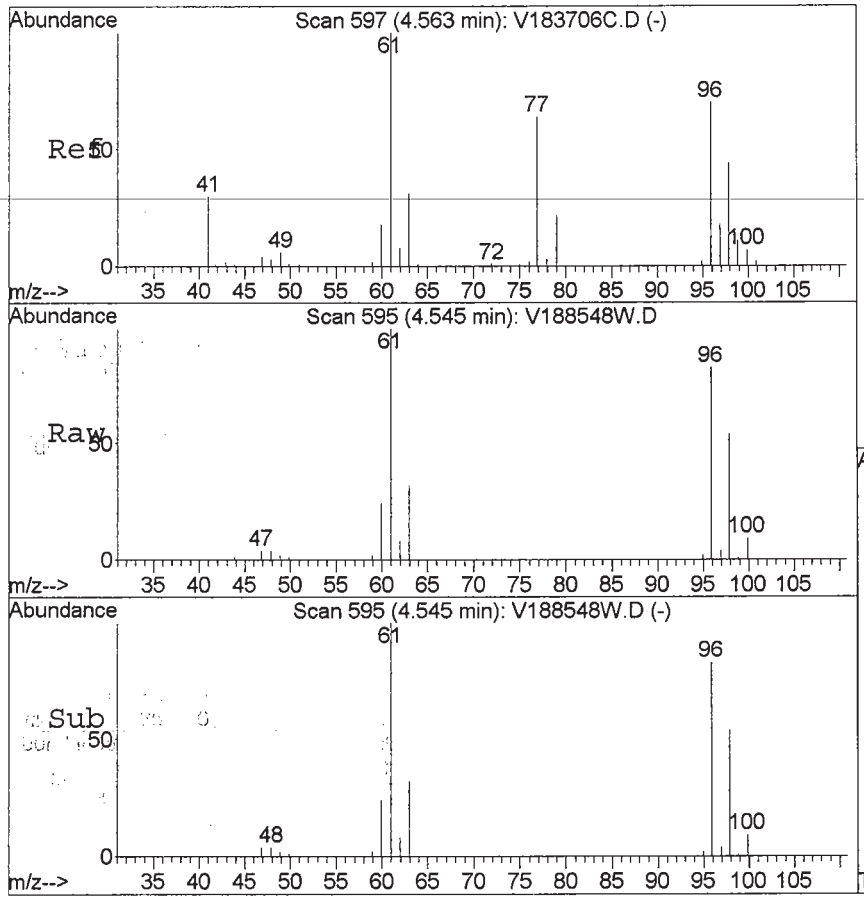


#5
Bromomethane
Concen: 0.88 ppb
RT: 2.13 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 94 Resp: 3351

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

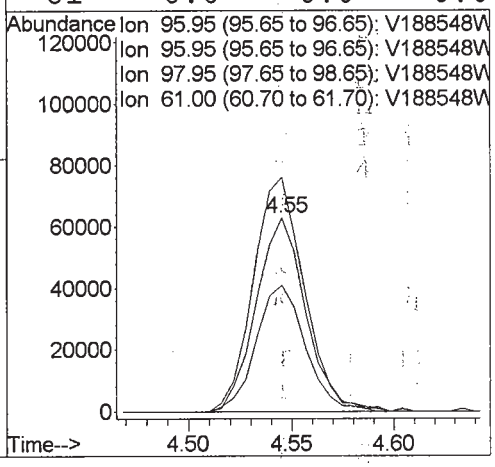


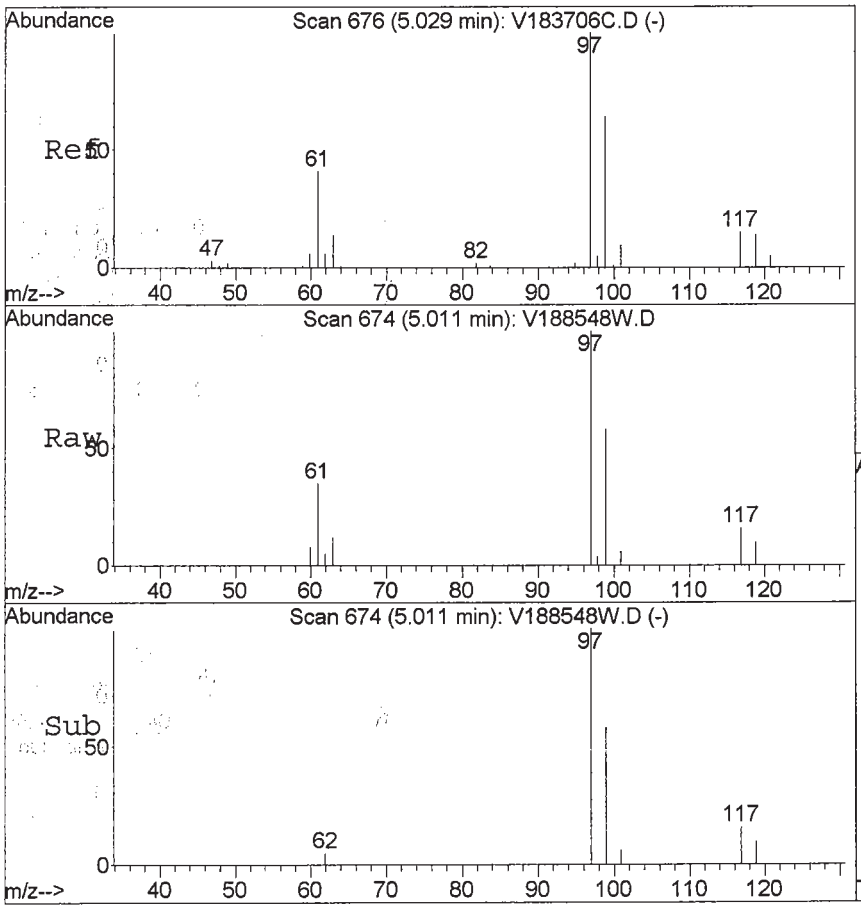


#23
cis-1,2-Dichloroethylene
Concen: 17.77 ppb
RT: 4.55 min Scan# 595
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 96 Resp: 105572

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	64.8	53.8	80.8
61	0.0	0.0	0.0

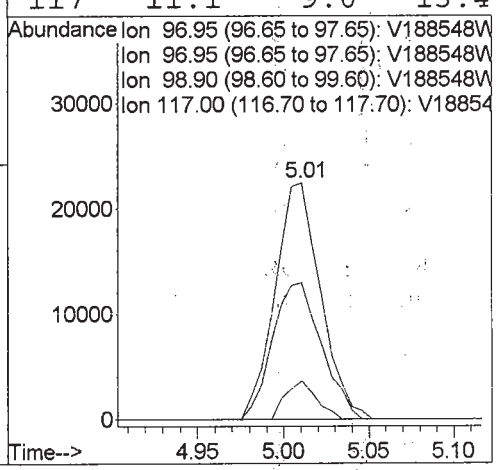


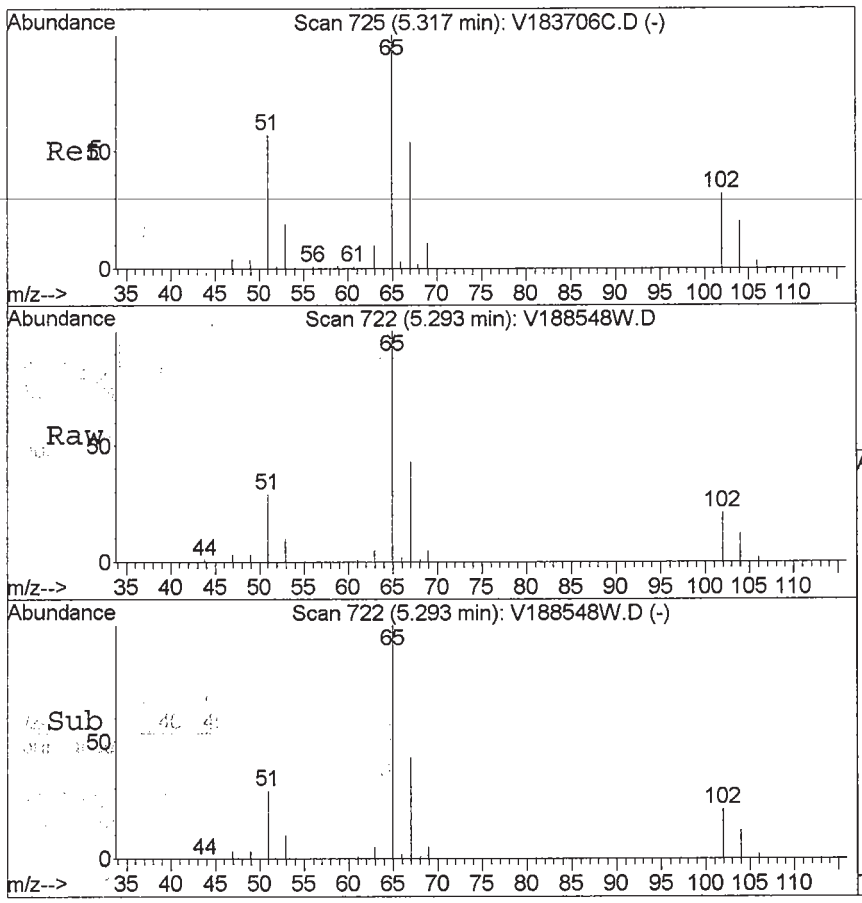


#30
1,1,1-Trichloroethane
Concen: 3.66 ppb
RT: 5.01 min Scan# 674
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 97 Resp: 41494

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	62.0	52.2	78.4
117	11.1	9.0	13.4

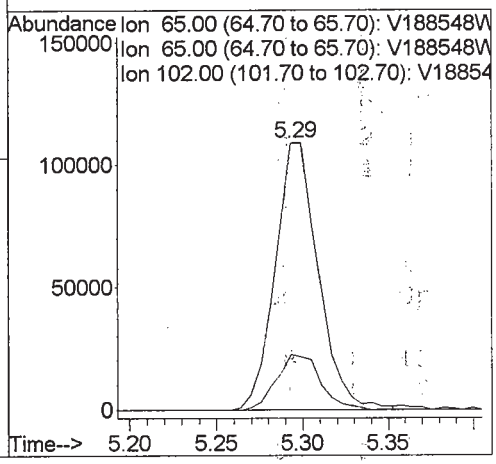


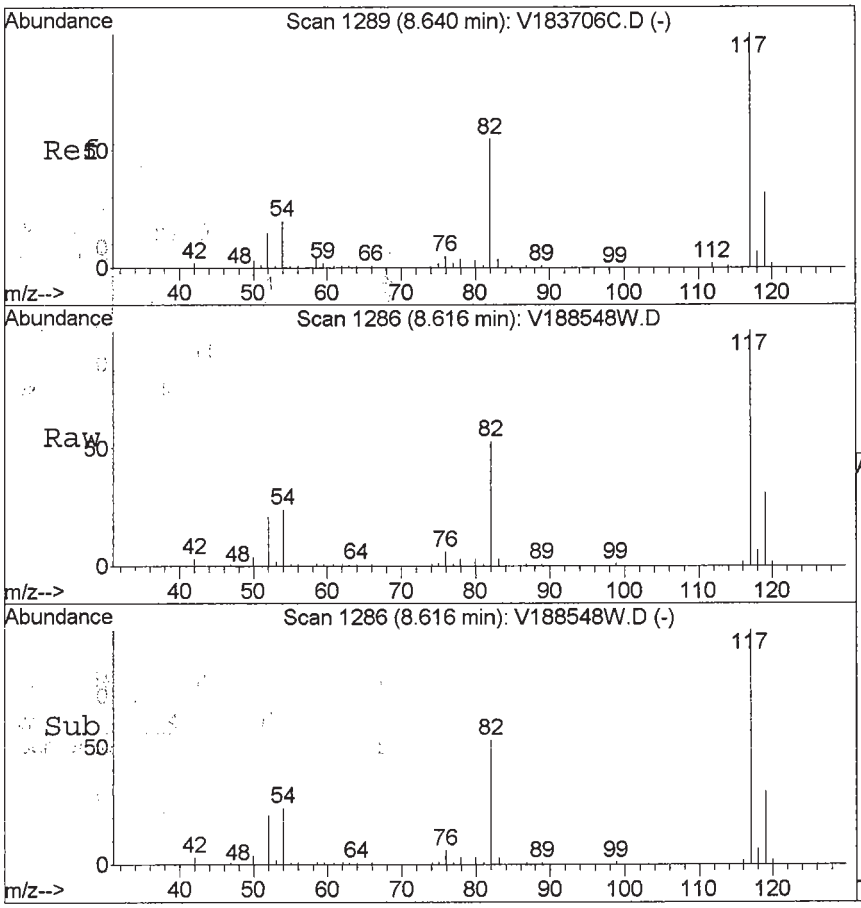


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 65 Resp: 189483

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	21.1	15.8	23.8

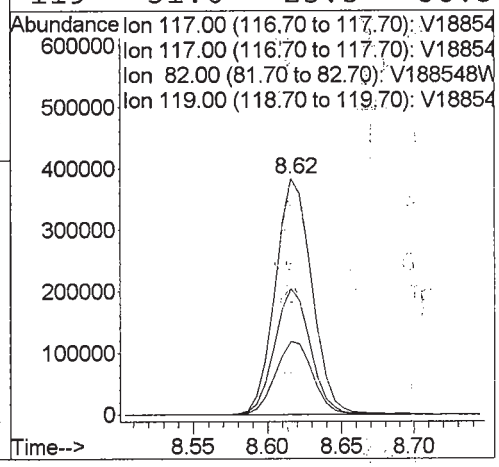


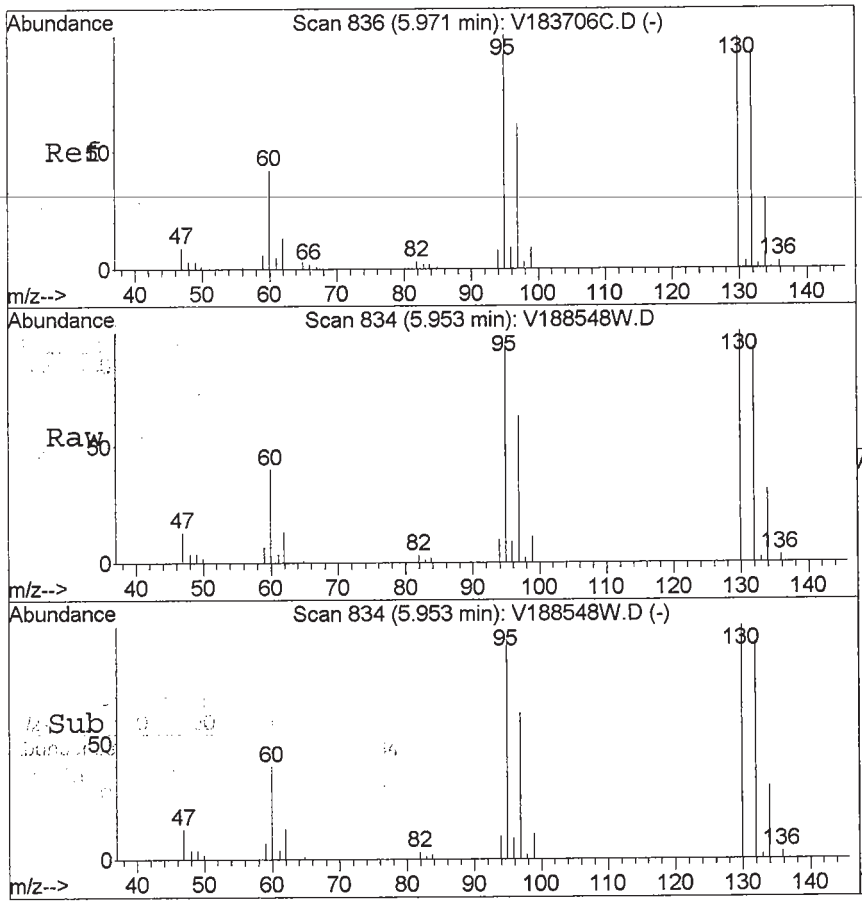


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion:117 Resp: 661904

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.6	25.5	38.3

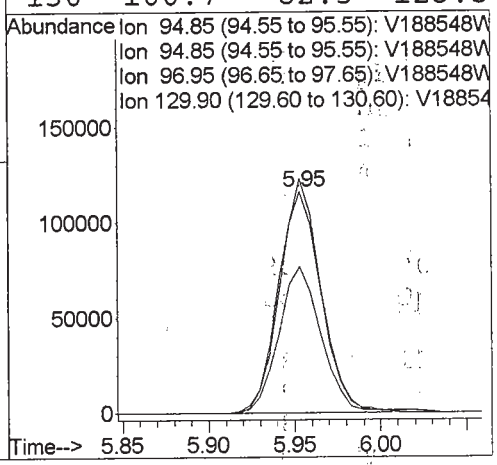


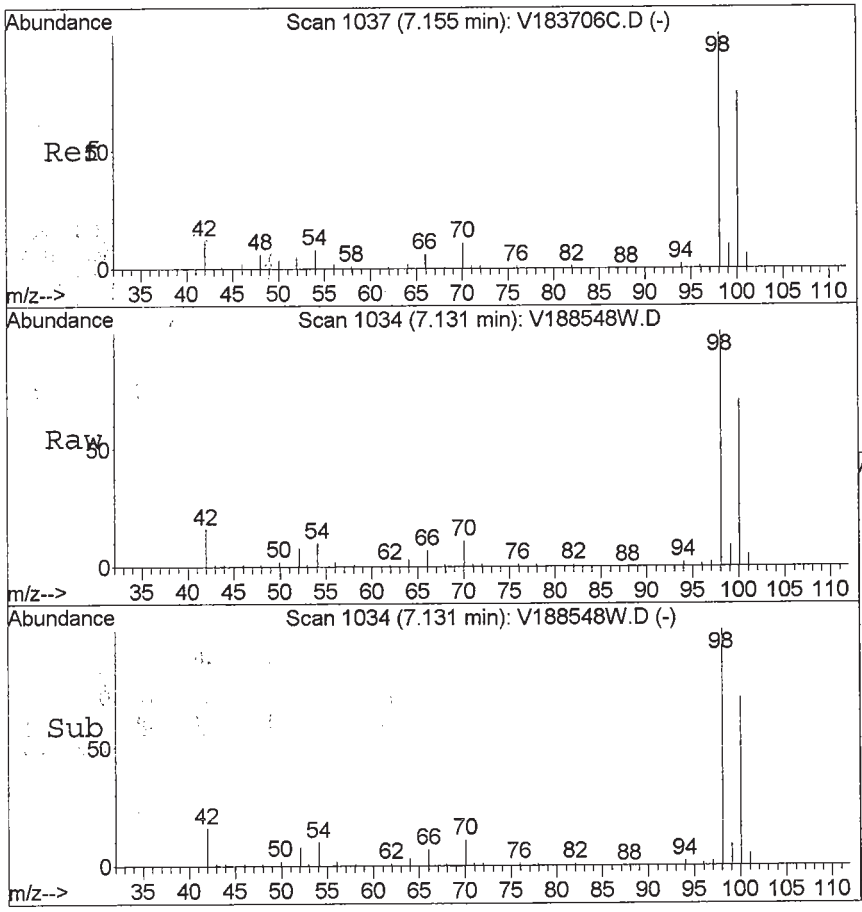


#37
Trichloroethylene
Concen: 28.27 ppb
RT: 5.95 min Scan# 834
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 95 Resp: 201296

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	65.2	53.6	80.4
130	100.7	82.3	123.5

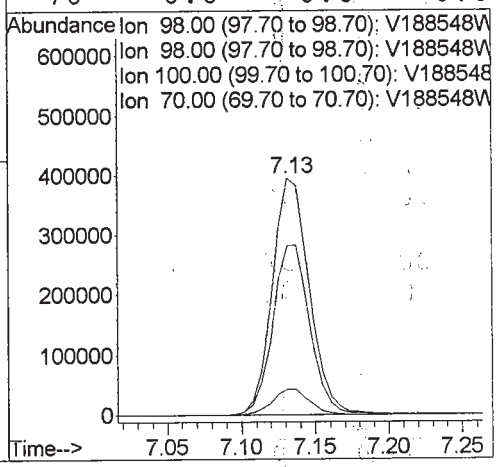


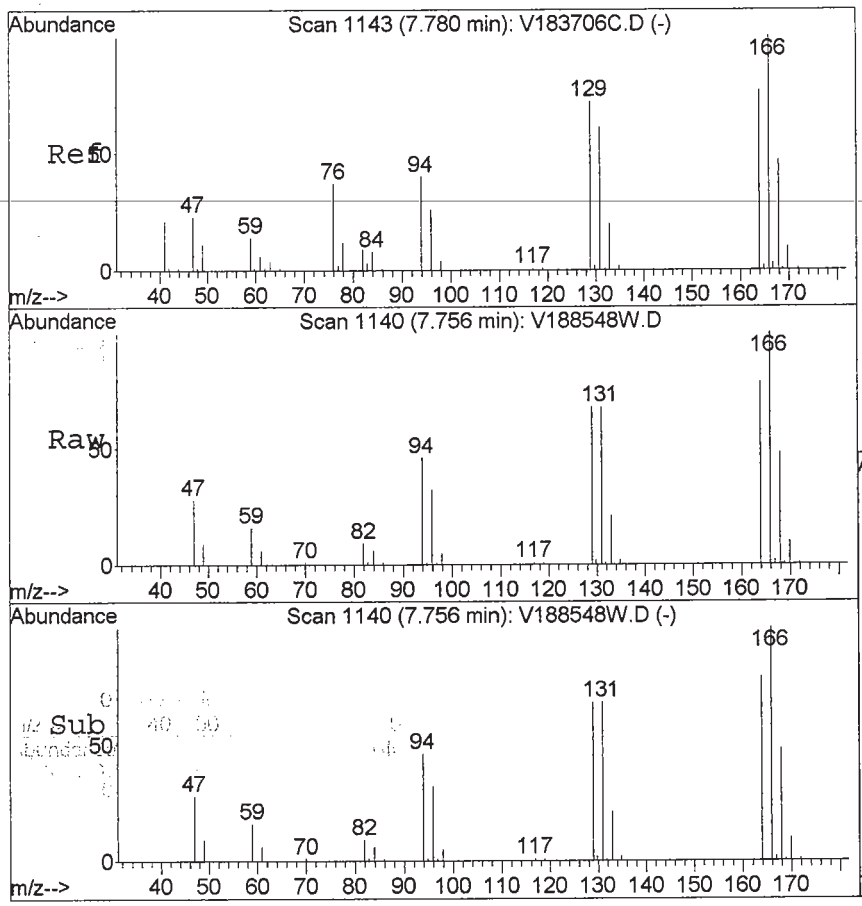


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion: 98 Resp: 684705

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.8	35.3	105.7
70	0.0	0.0	0.0

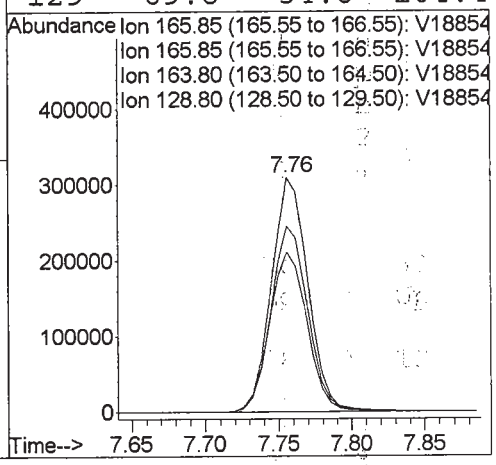


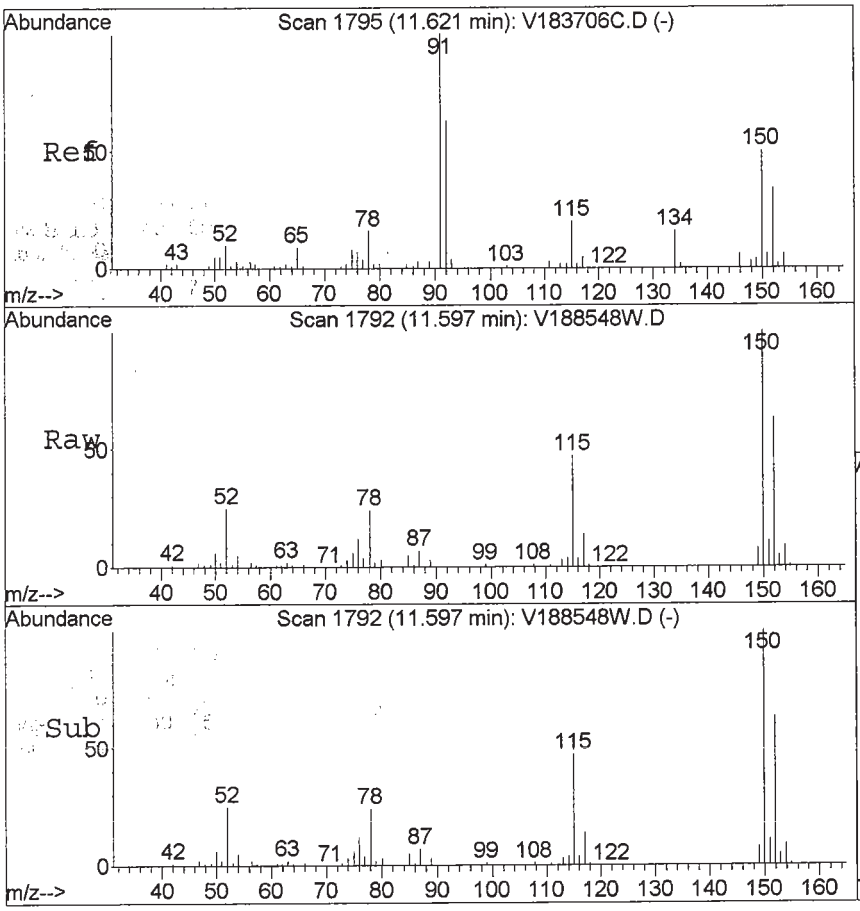


#52
Tetrachloroethylene
Concen: 67.20 ppb
RT: 7.76 min Scan# 1140
Delta R.T. -0.02 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion:166 Resp: 538613

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	79.7	39.1	117.5
129	69.8	34.8	104.4

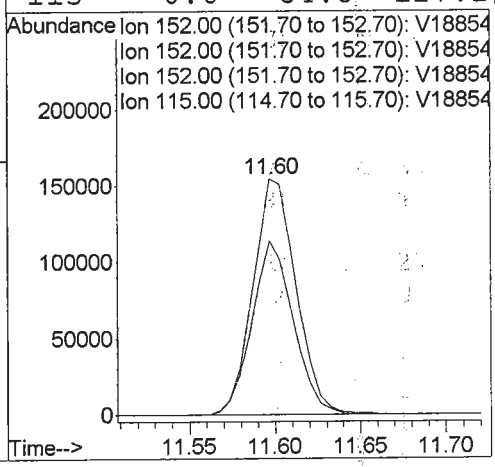


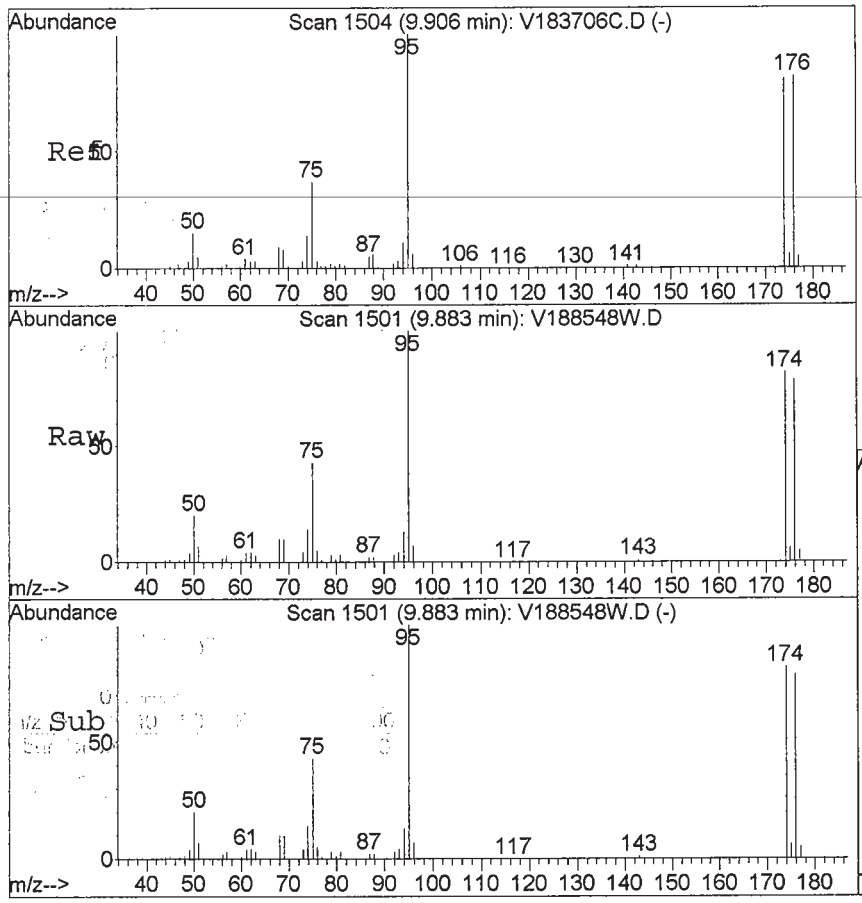


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion:152 Resp: 270293

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

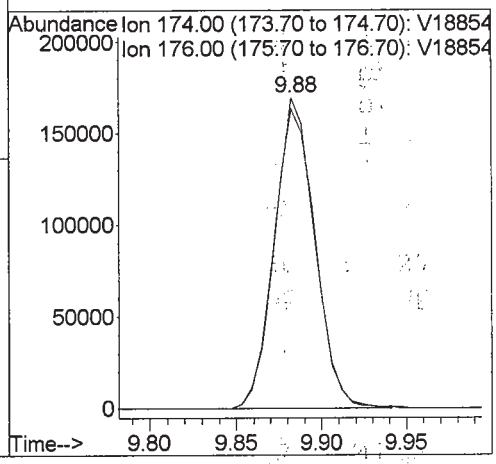




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188548W.D
Acq: 27 Apr 2013 6:39 am

Tgt Ion:174 Resp: 279160

Ion	Ratio	Lower	Upper
174	100		
176	98.2	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4C

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-13	File ID:	V188549W.D
Sampled:	04/23/13 19:35	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 07:18
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

MW-4C

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-13	File ID:	V188549W.D
Sampled:	04/23/13 19:35	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 07:18
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.5	109	72.6 - 129	
p-Bromofluorobenzene	50.0	49.4	98.8	63.5 - 145	
Toluene-d8	50.0	48.8	97.6	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188549W.D Vial: 36
Acq On : 27 Apr 2013 7:18 am Operator: SS
Sample : 13D0938-13 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

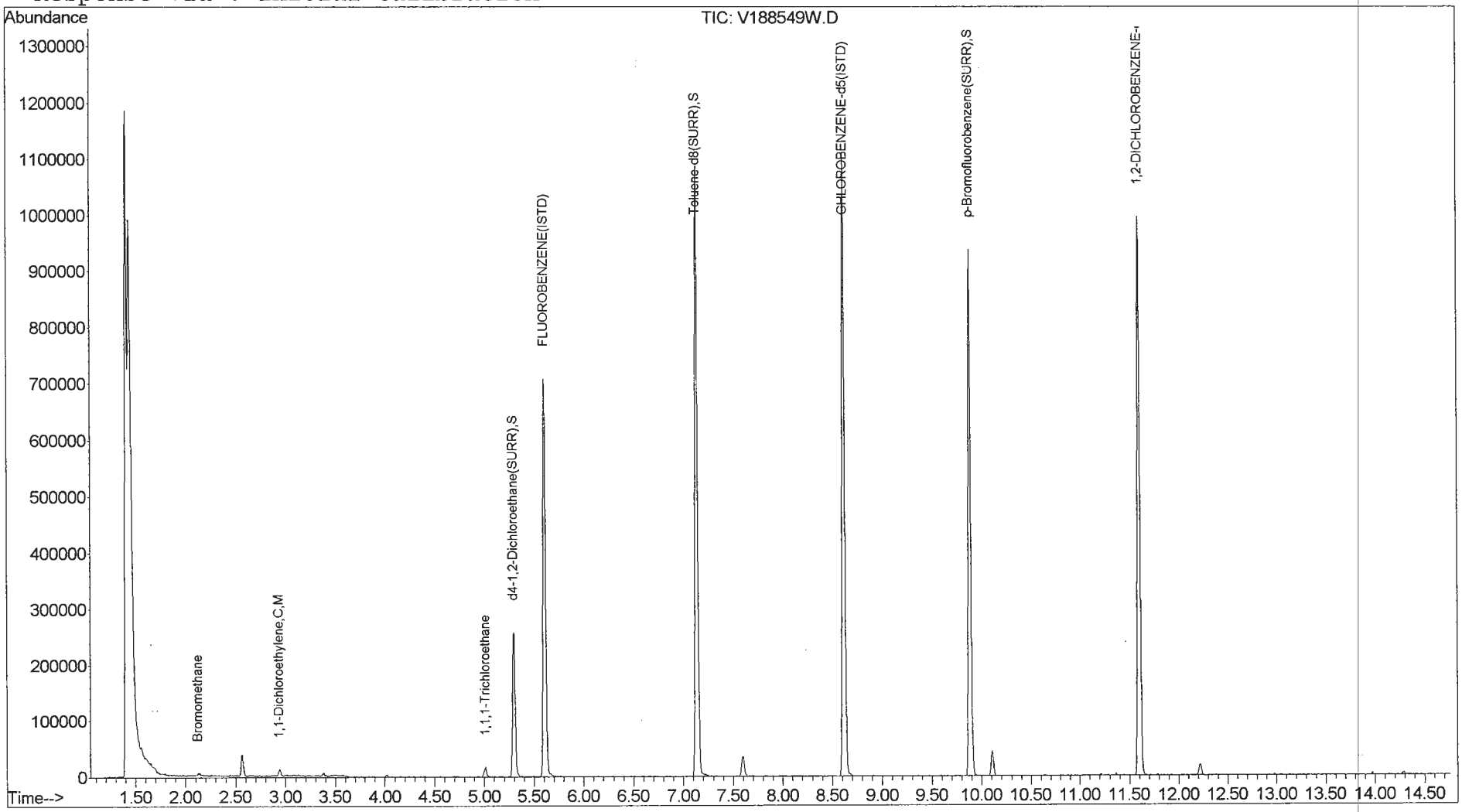
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	120352	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	670959	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	282944	50.00	ppb	-0.02
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	190894	54.54	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 109.08%			
47) Toluene-d8(SURR)	7.13	98	701919	48.80	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.60%			
64) p-Bromofluorobenzene(SURR)	9.88	174	282416	49.38	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.76%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	3556	0.92	ppb	# 83
10) 1,1-Dichloroethylene	2.94	61	7052	0.90	ppb	97
30) 1,1,1-Trichloroethane	5.01	97	13655	1.19	ppb	# 68

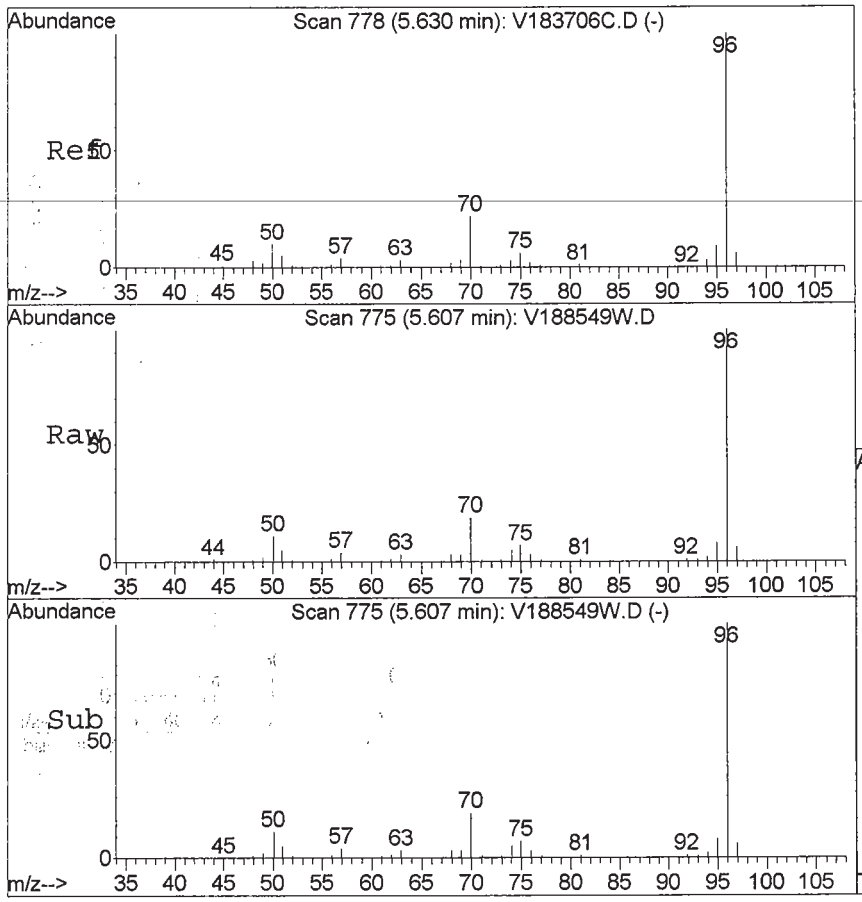
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188549W.D Vial: 36
Acq On : 27 Apr 2013 7:18 am Operator: SS
Sample : 13D0938-13 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

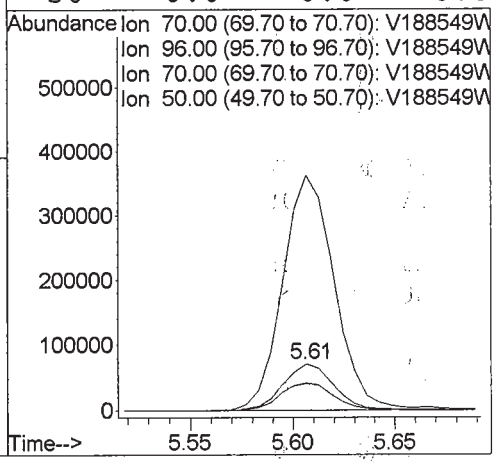


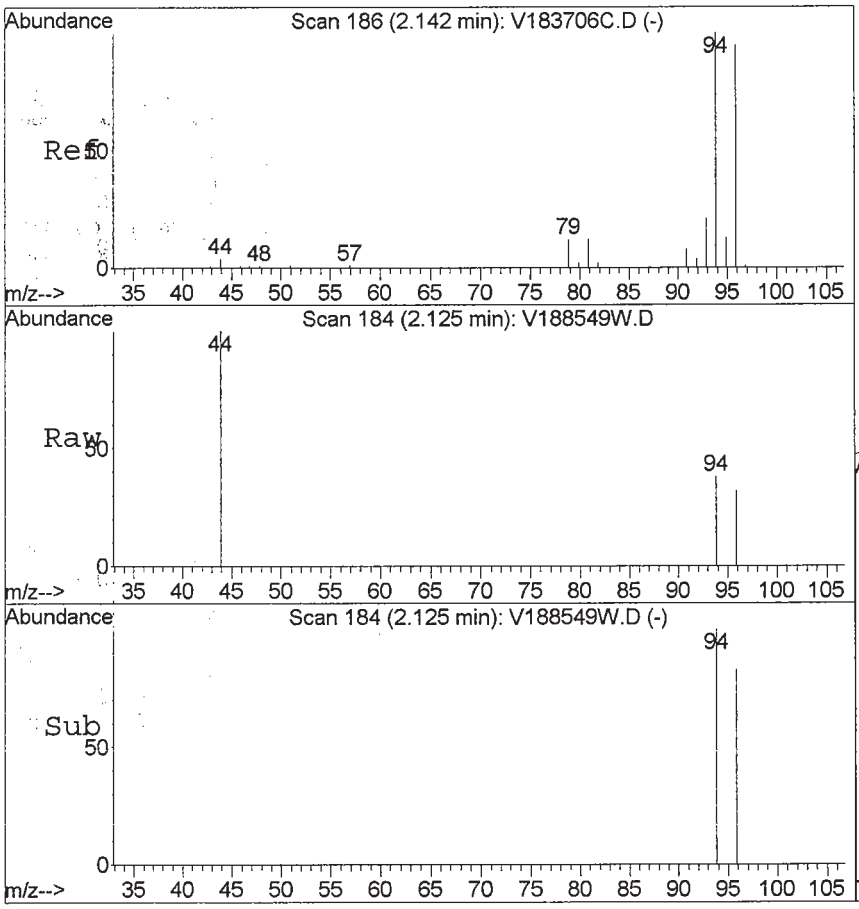


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 70 Resp: 120352

Ion	Ratio	Lower	Upper
70	100		
96	526.7	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

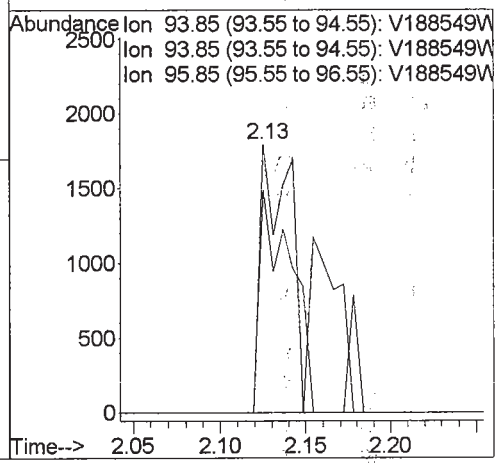


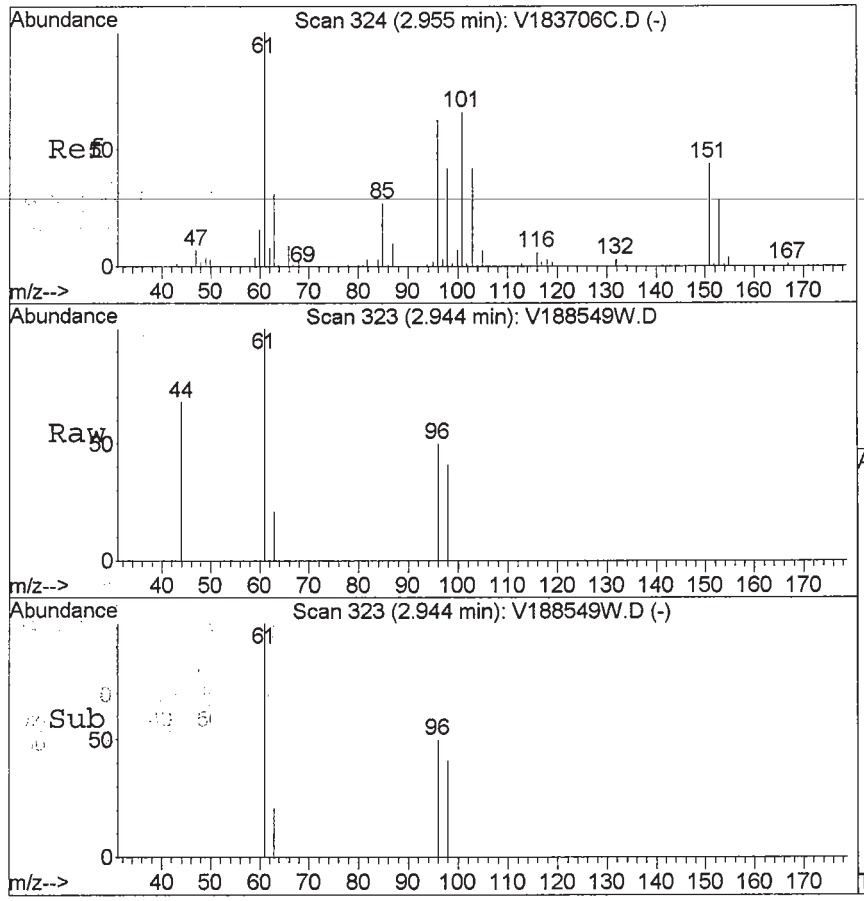


#5
Bromomethane
Concen: 0.92 ppb
RT: 2.13 min Scan# 184
Delta R.T. -0.02 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 94 Resp: 3556

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	62.2	77.5	116.3#

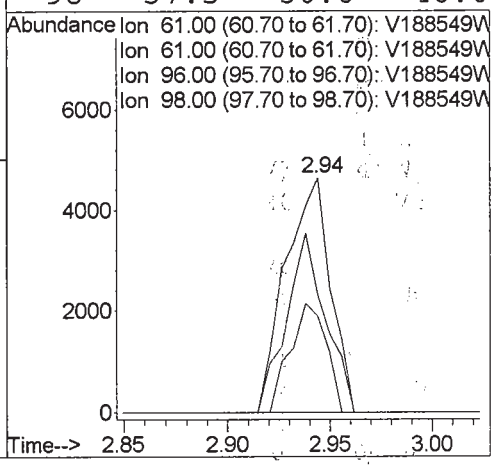


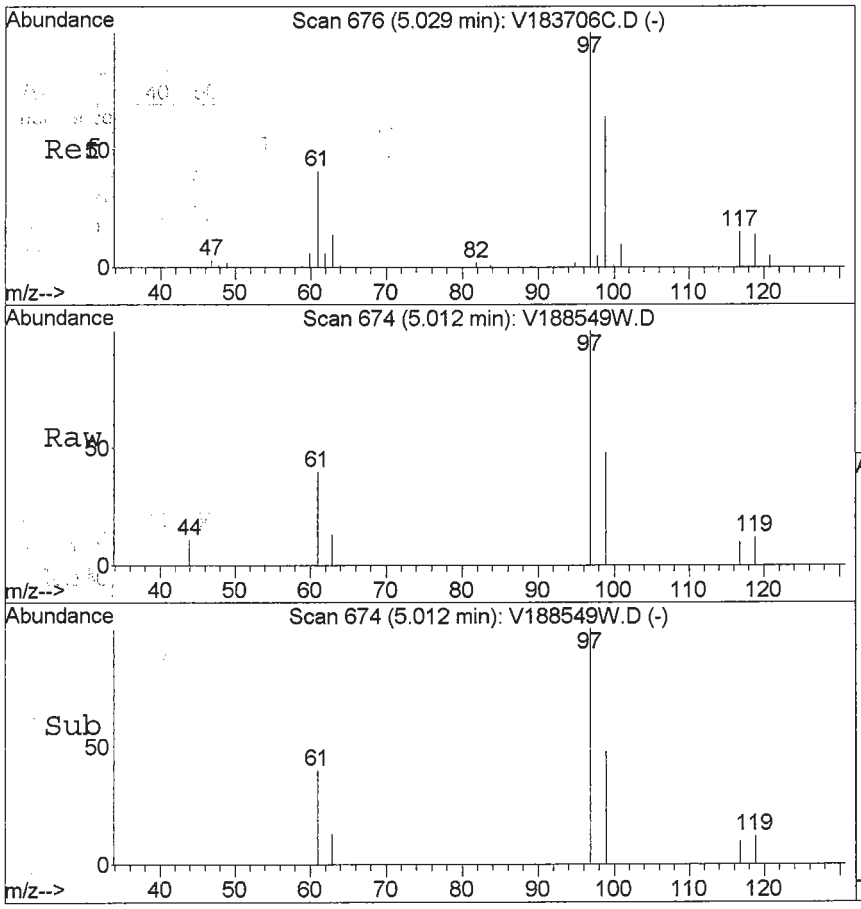


#10
1,1-Dichloroethylene
Concen: 0.90 ppb
RT: 2.94 min Scan# 323
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 61 Resp: 7052

Ion	Ratio	Lower	Upper
61	100		
61	100.0	80.0	120.0
96	66.4	46.8	70.2
98	37.5	30.6	46.0

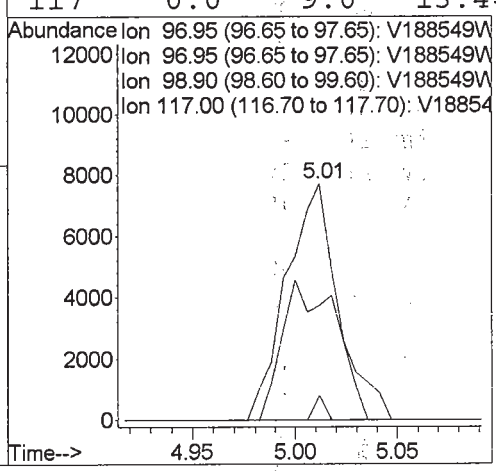


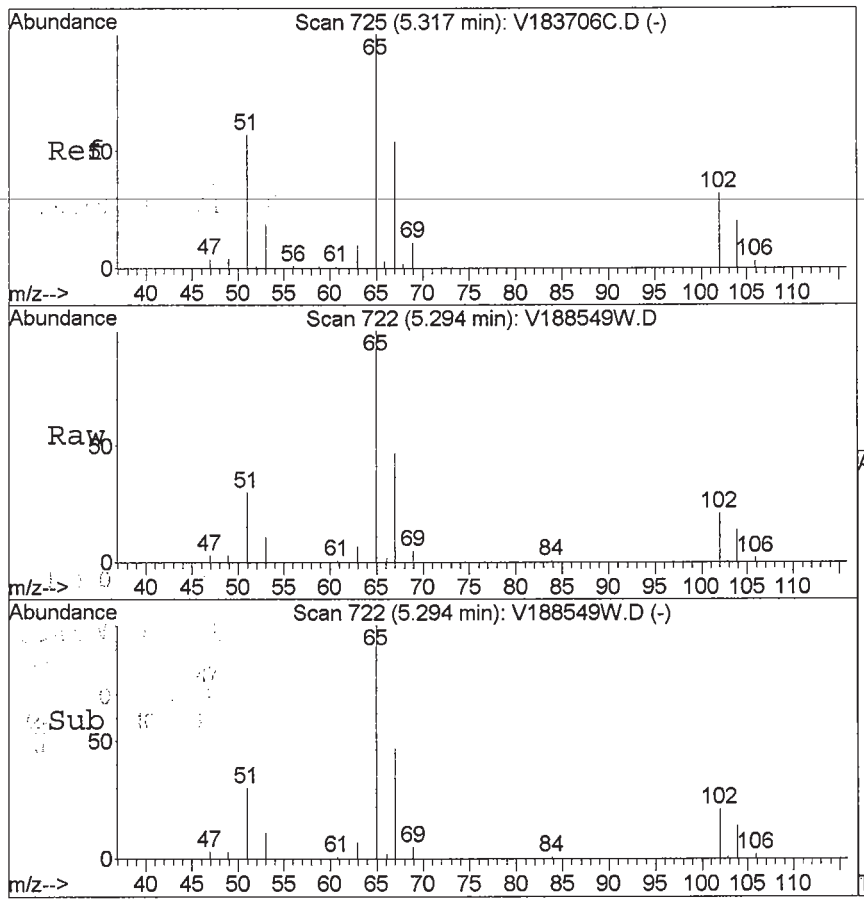


#30
1,1,1-Trichloroethane
Concen: 1.19 ppb
RT: 5.01 min Scan# 674
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 97 Resp: 13655

Ion	Ratio	Lower	Upper
97	100		
97	100.0	80.0	120.0
99	0.0	52.2	78.4#
117	0.0	9.0	13.4#

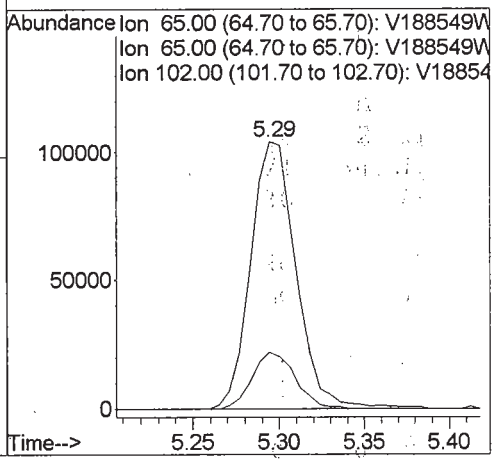


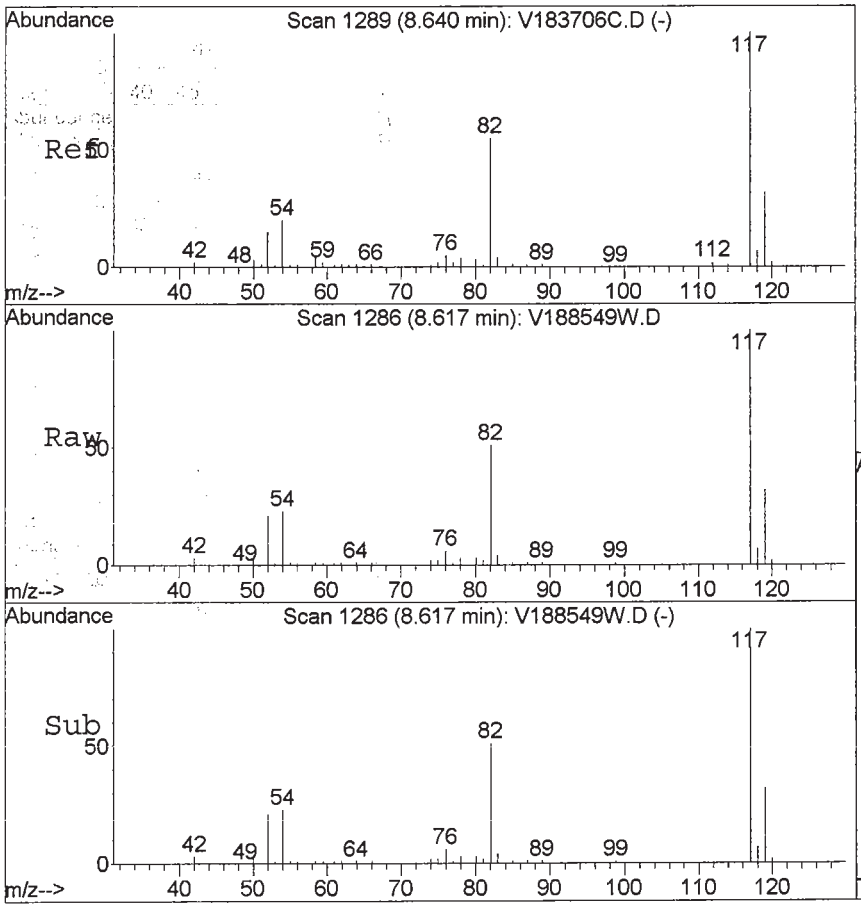


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 722
Delta R.T. -0.02 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 65 Resp: 190894

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.2	15.8	23.8

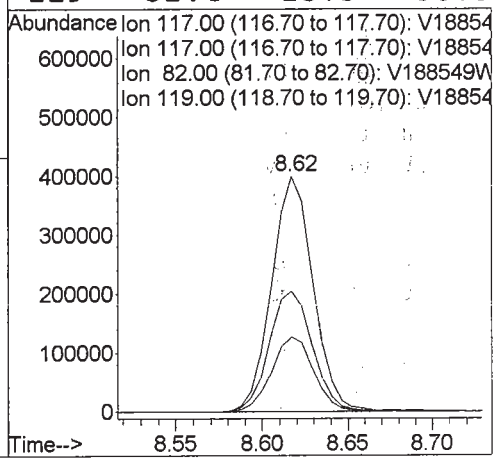


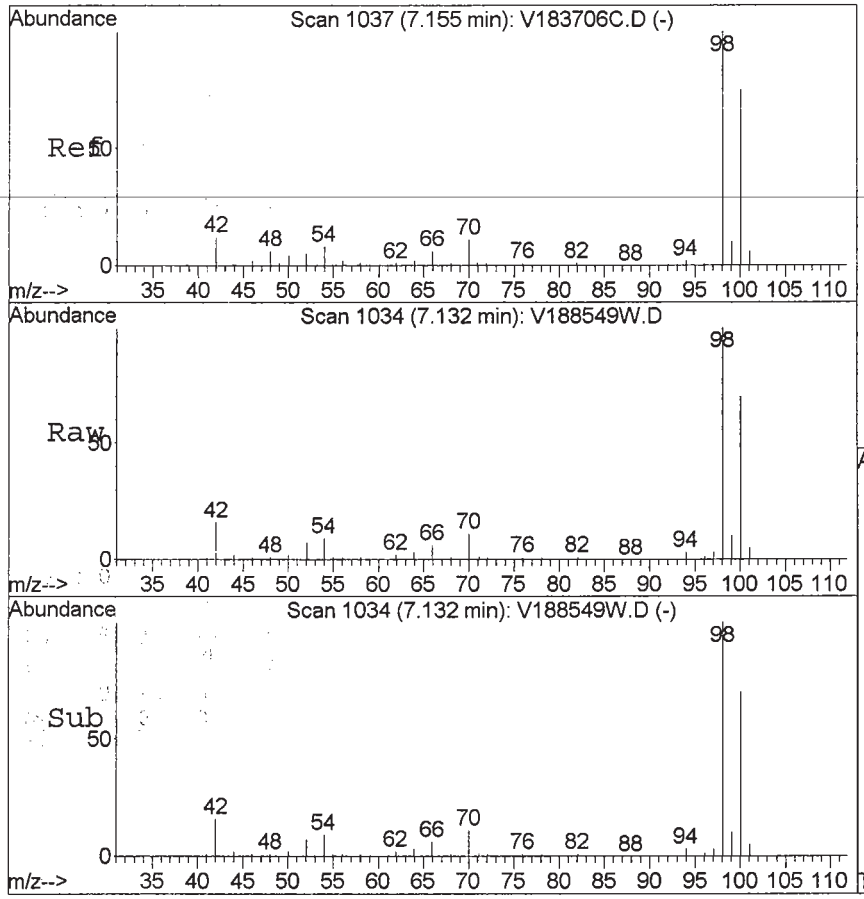


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion:117 Resp: 670959

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.4	25.5	38.3

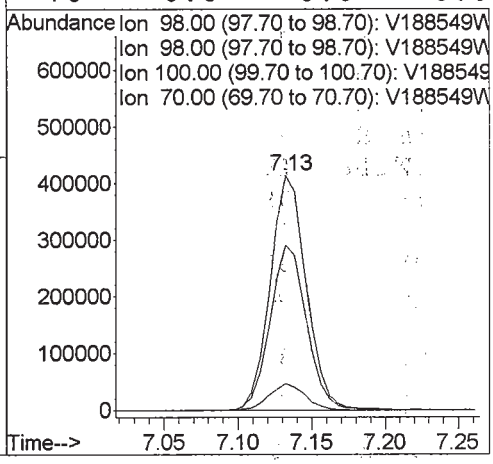


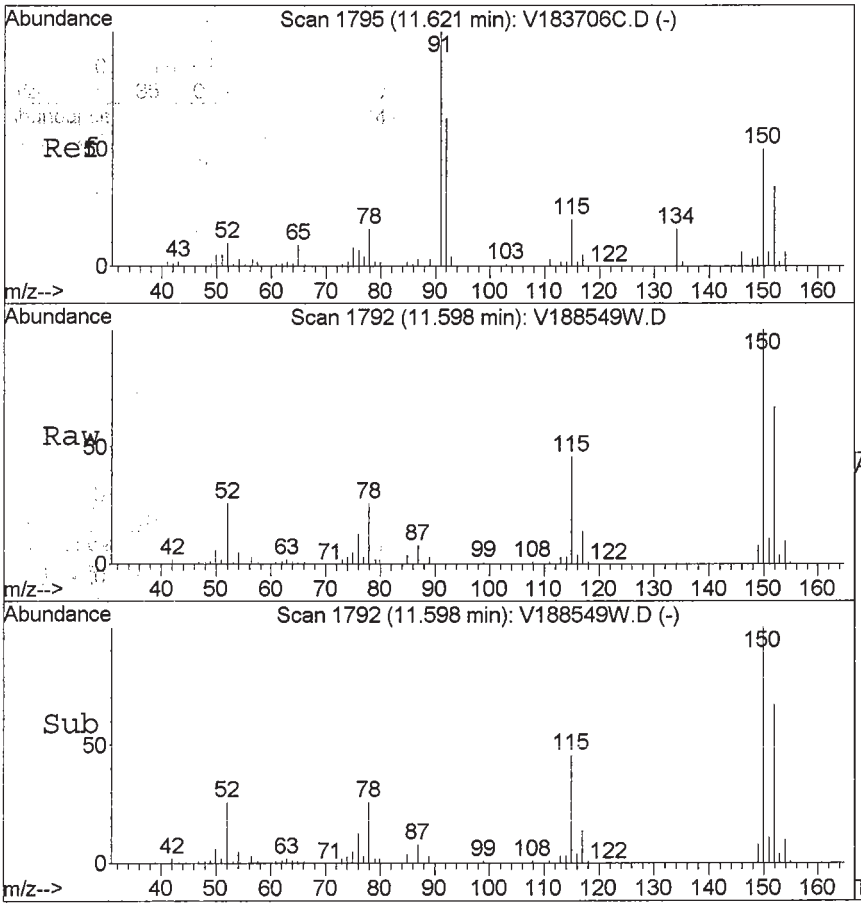


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion: 98 Resp: 701919

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.0	35.3	105.7
70	0.0	0.0	0.0

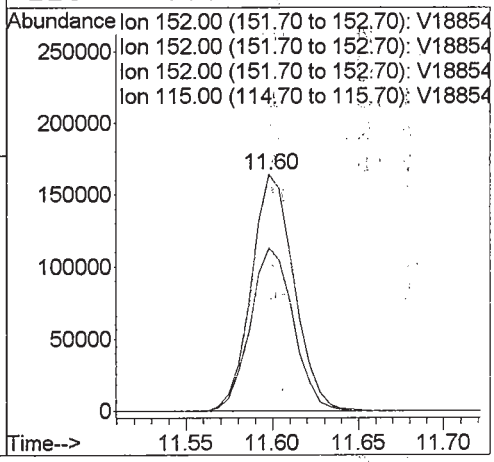


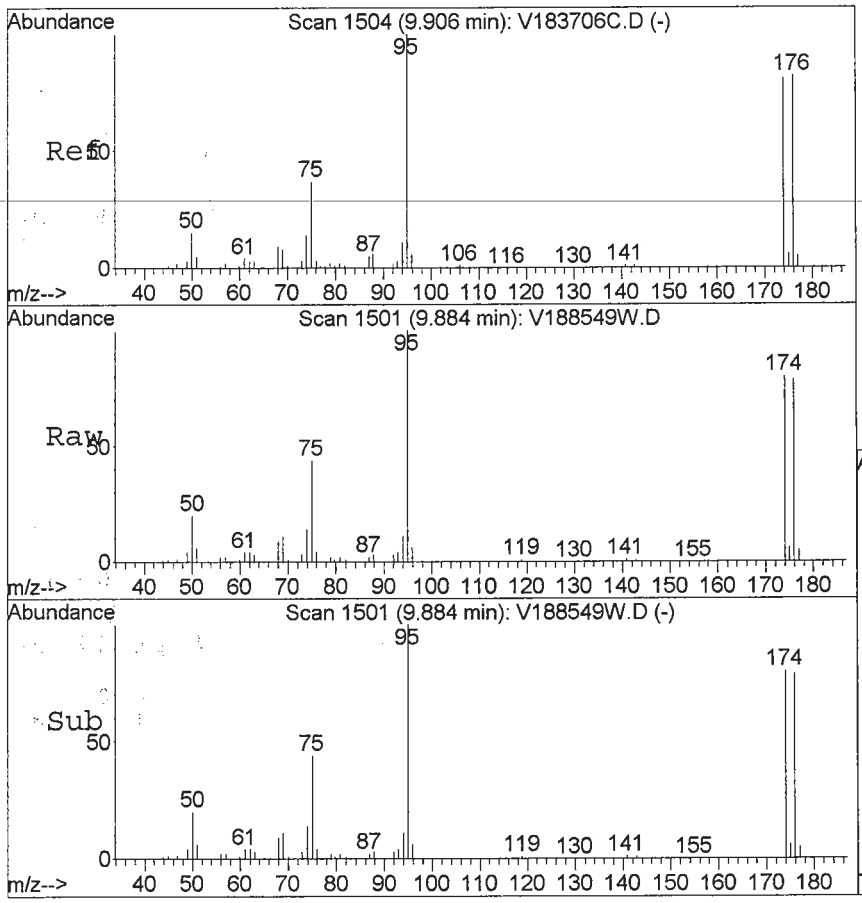


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.02 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion:152 Resp: 282944

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

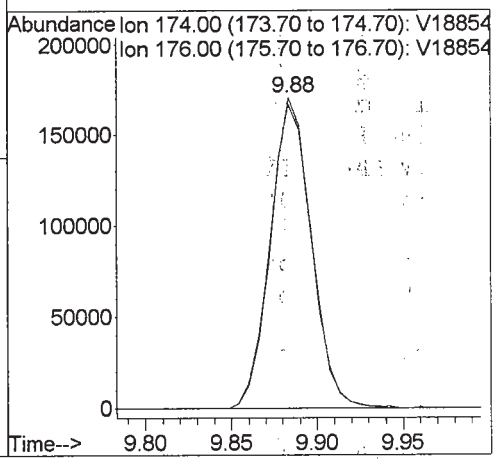




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188549W.D
Acq: 27 Apr 2013 7:18 am

Tgt Ion:174 Resp: 282416

Ion	Ratio	Lower	Upper
174	100		
176	98.5	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-5A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-14 File ID: V188550W.D

Sampled: 04/23/13 09:15 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 07:57

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-5A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-14	File ID:	V188550W.D
Sampled:	04/23/13 09:15	Prepared:	04/26/13 14:25	Analyzed:	04/27/13 07:57
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31300	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	10	U
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	9.7	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.6	113	72.6 - 129	
p-Bromofluorobenzene	50.0	49.7	99.5	63.5 - 145	
Toluene-d8	50.0	47.6	95.3	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188550W.D Vial: 37
Acq On : 27 Apr 2013 7:57 am Operator: SS
Sample : 13D0938-14 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

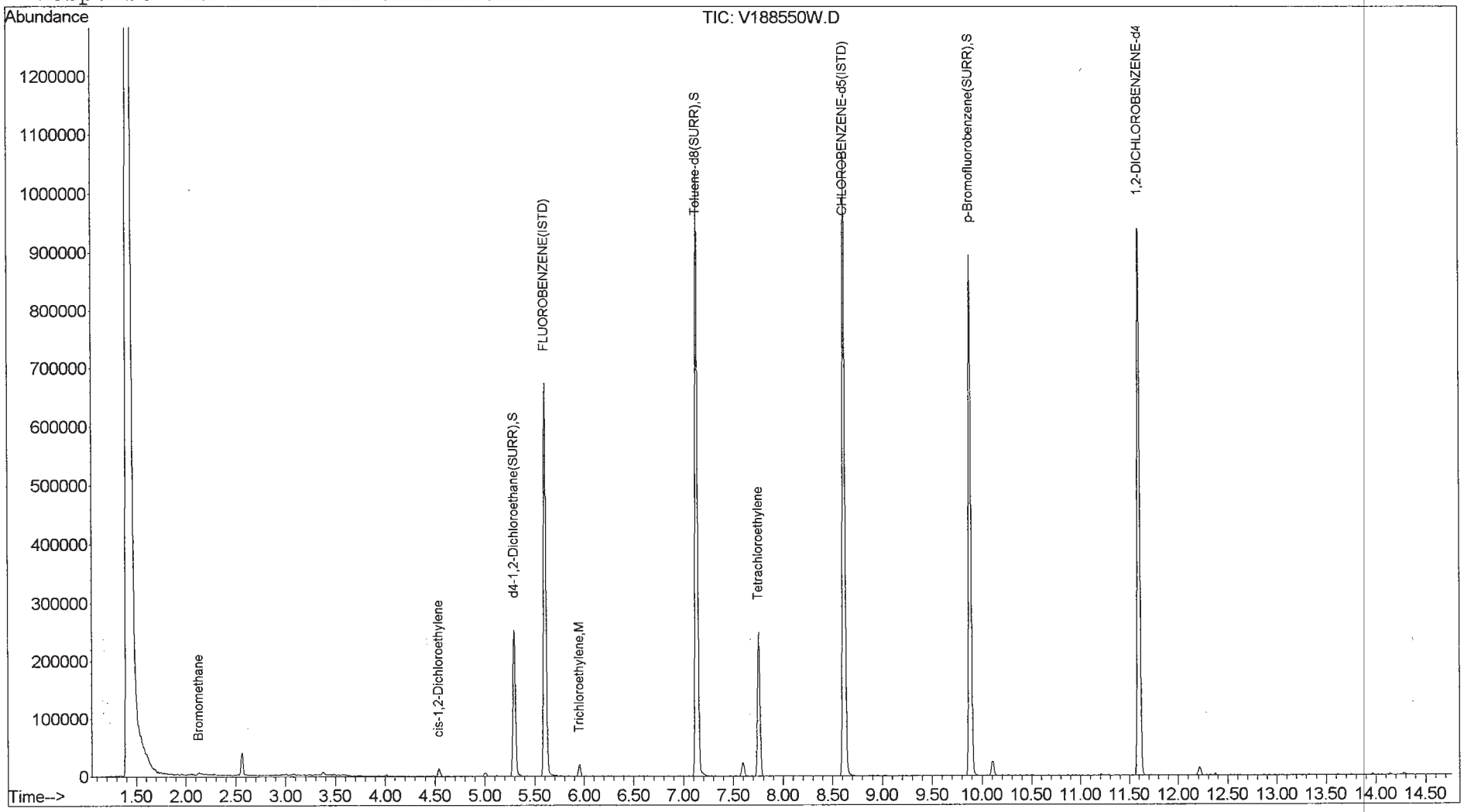
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	113057	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	648884	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	274383	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.29	65	186022	56.58	ppb	-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 113.16%			
47) Toluene-d8(SURR)	7.13	98	662885	47.65	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.30%			
64) p-Bromofluorobenzene(SURR)	9.88	174	275852	49.74	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.48%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	4750	1.31	ppb	# 51
23) cis-1,2-Dichloroethylene	4.54	96	5955	1.05	ppb	# 97
37) Trichloroethylene	5.95	95	7317	1.05	ppb	98
52) Tetrachloroethylene	7.76	166	75943	9.66	ppb	98

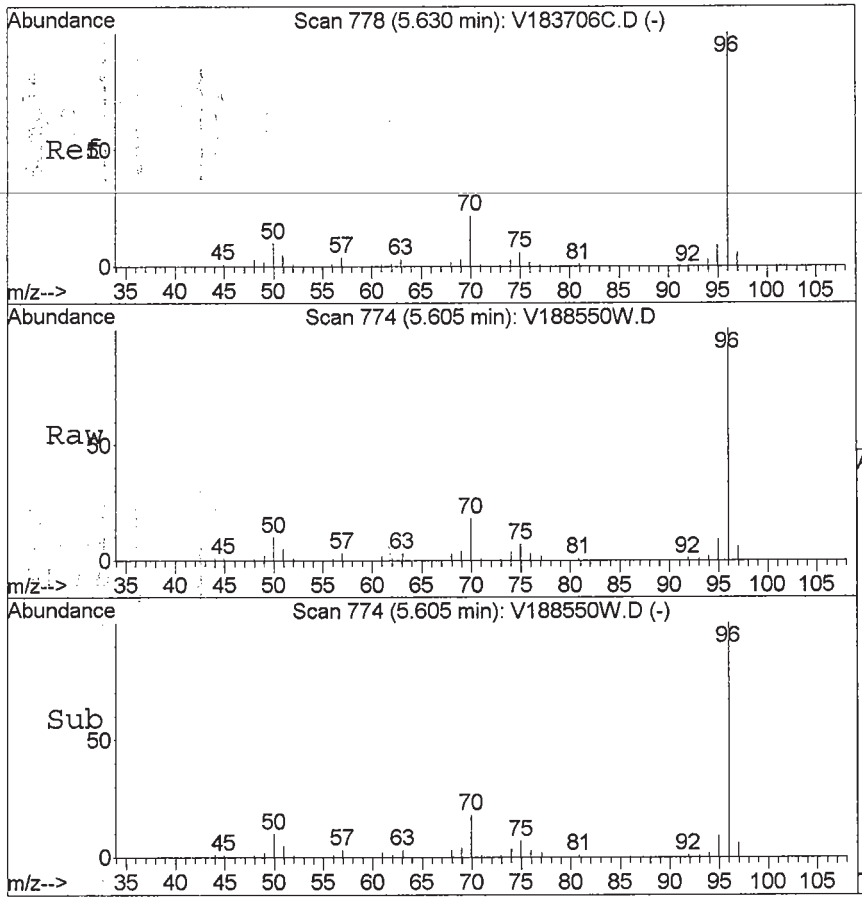
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188550W.D Vial: 37
Acq On : 27 Apr 2013 7:57 am Operator: SS
Sample : 13D0938-14 Inst : VOA No.1
Misc : QBV1042613B 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 8:35 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

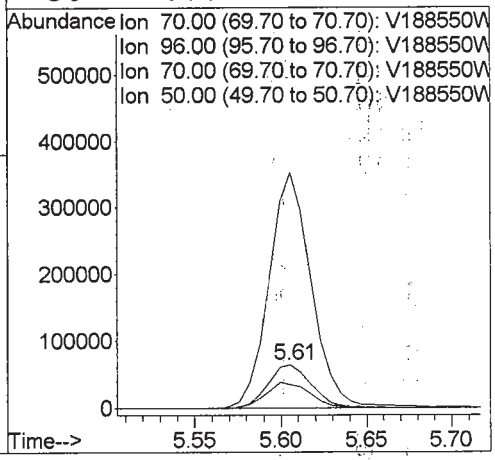


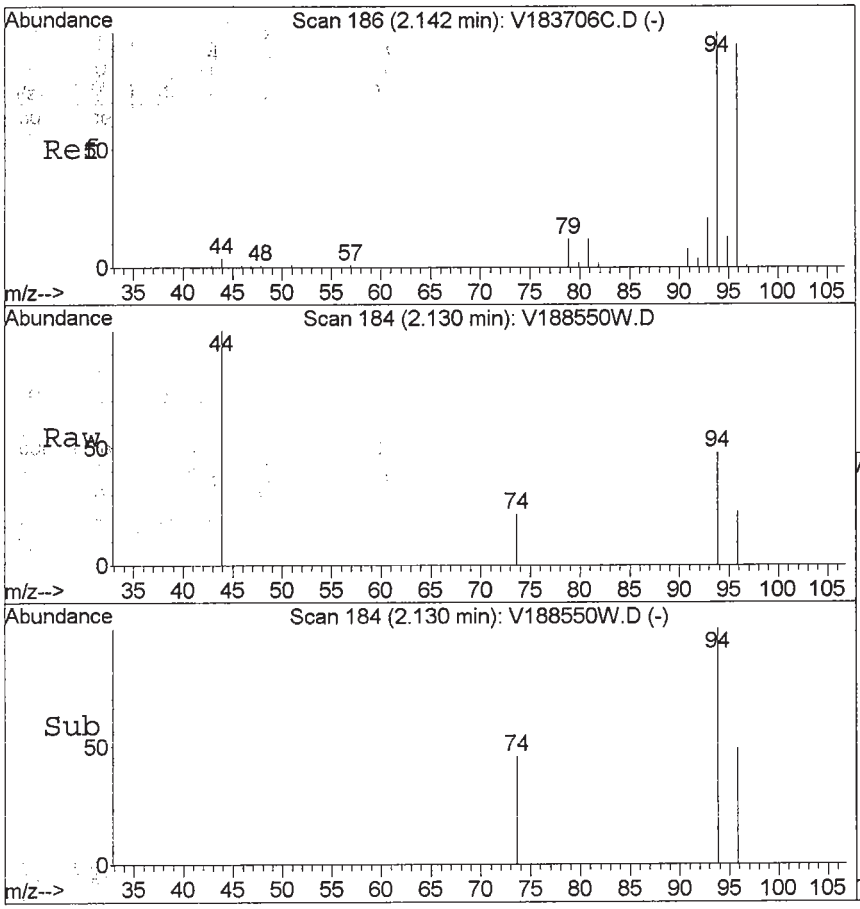


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 774
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 70 Resp: 113057

Ion	Ratio	Lower	Upper
70	100		
96	528.6	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

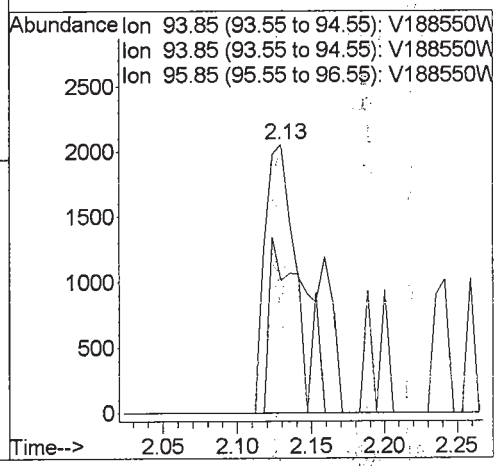


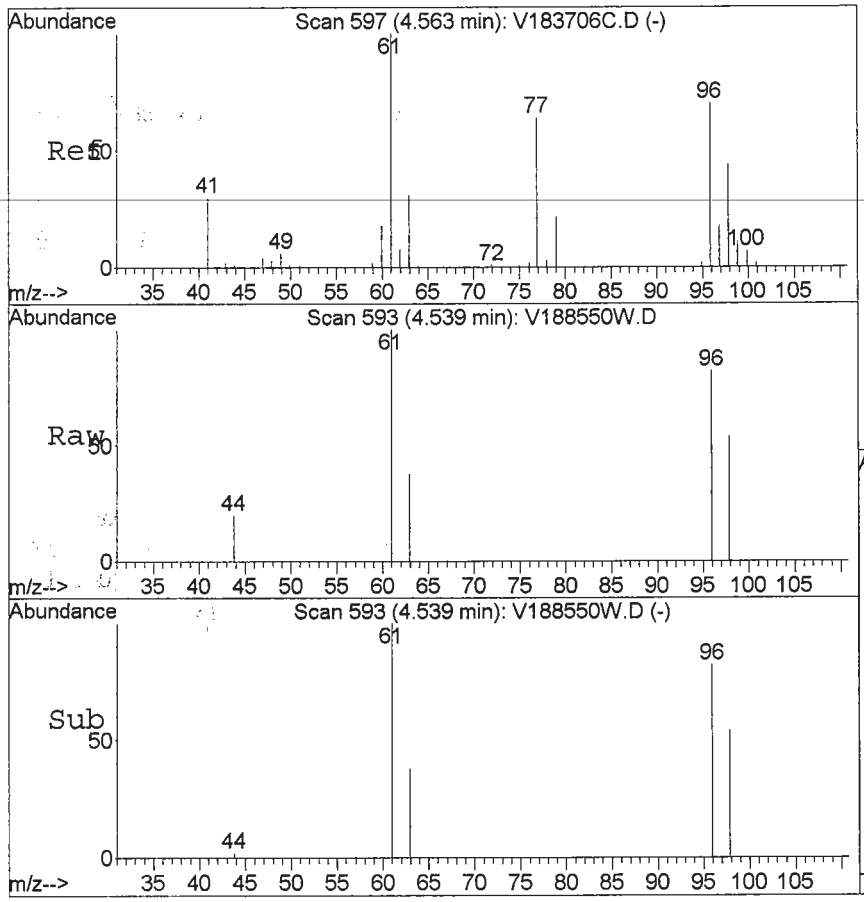


#5
Bromomethane
Concen: 1.31 ppb
RT: 2.13 min Scan# 184
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 94 Resp: 4750

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

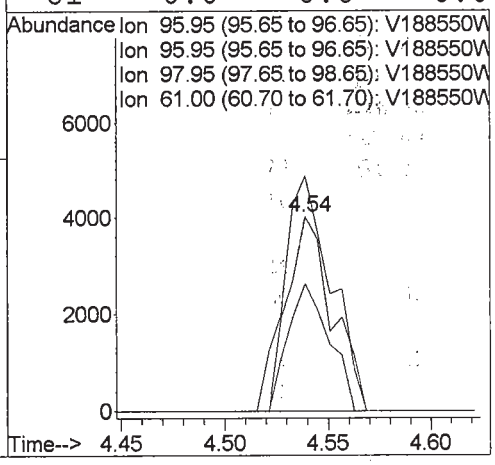


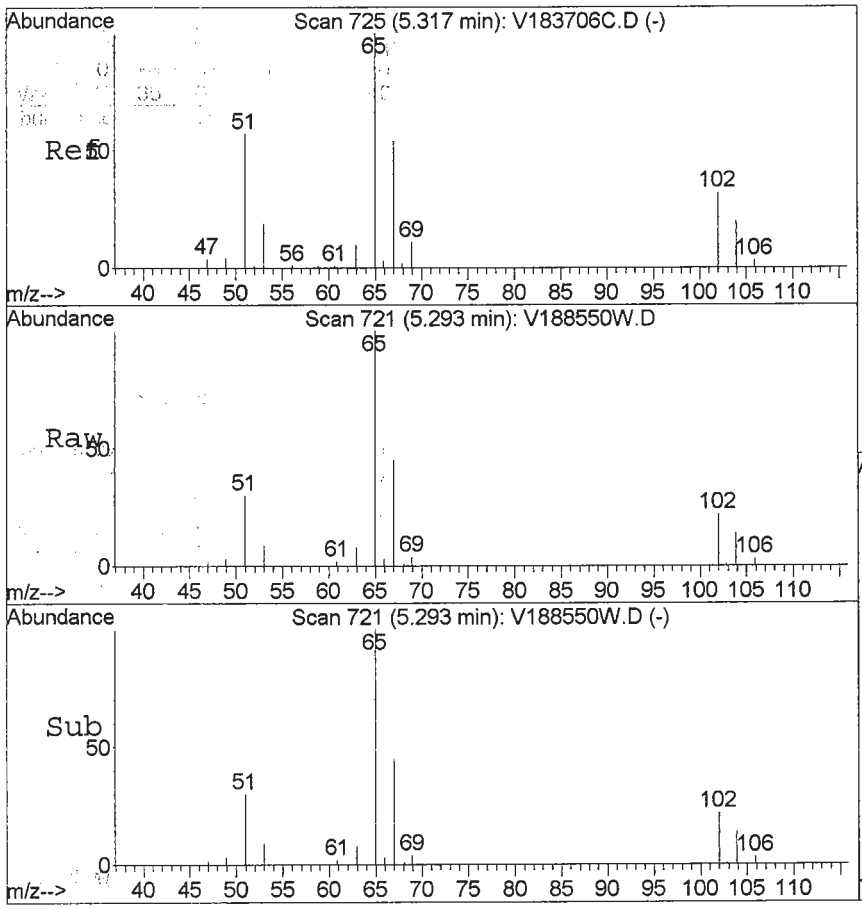


#23
cis-1,2-Dichloroethylene
Concen: 1.05 ppb
RT: 4.54 min Scan# 593
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 96 Resp: 5955

Ion	Ratio	Lower	Upper
96	100		
96	100.0	80.0	120.0
98	60.8	53.8	80.8
61	0.0	0.0	0.0

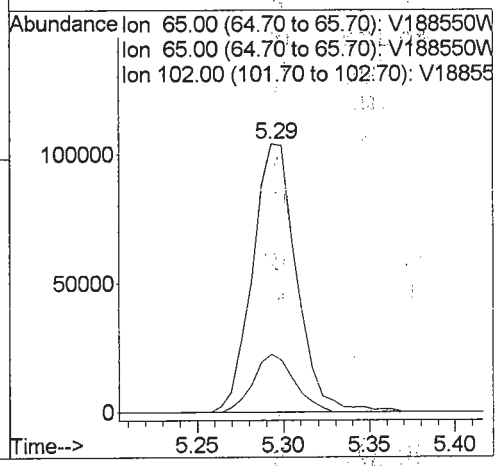


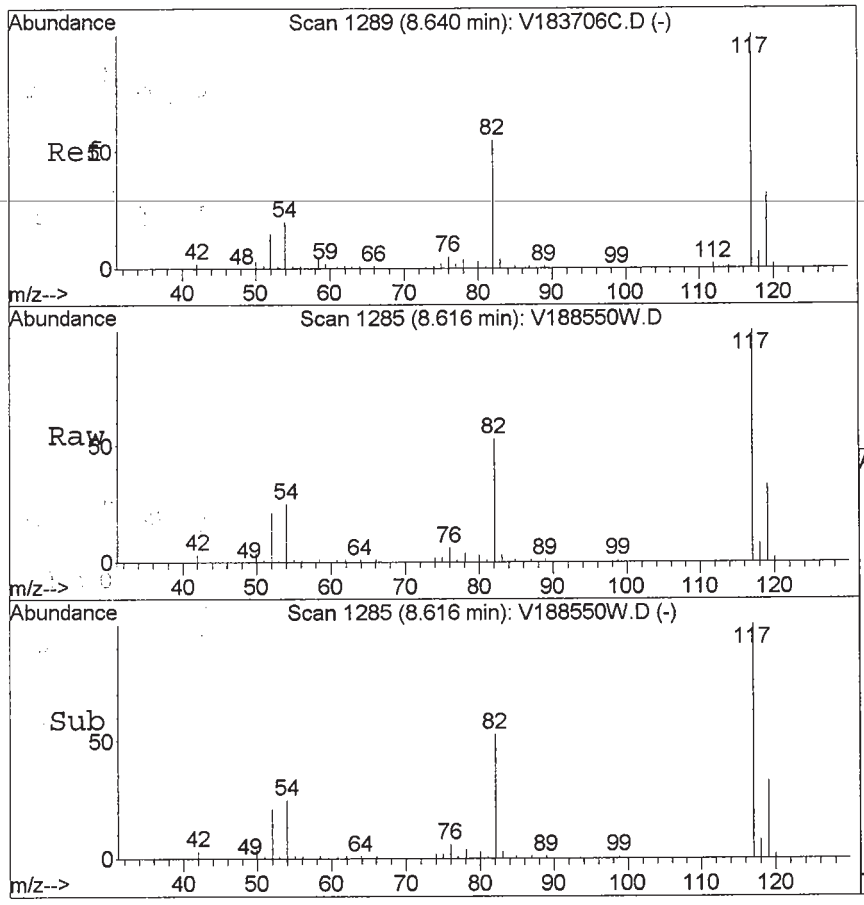


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.29 min Scan# 721
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 65 Resp: 186022

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.2	15.8	23.8

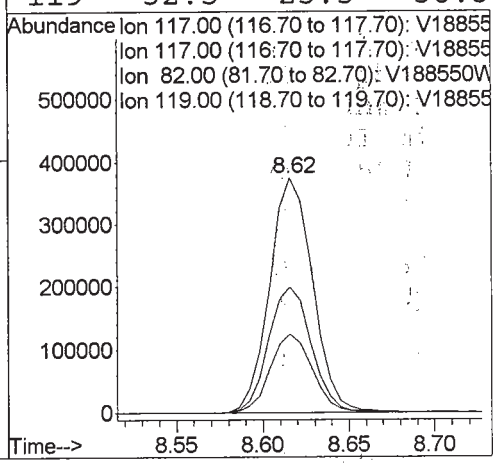


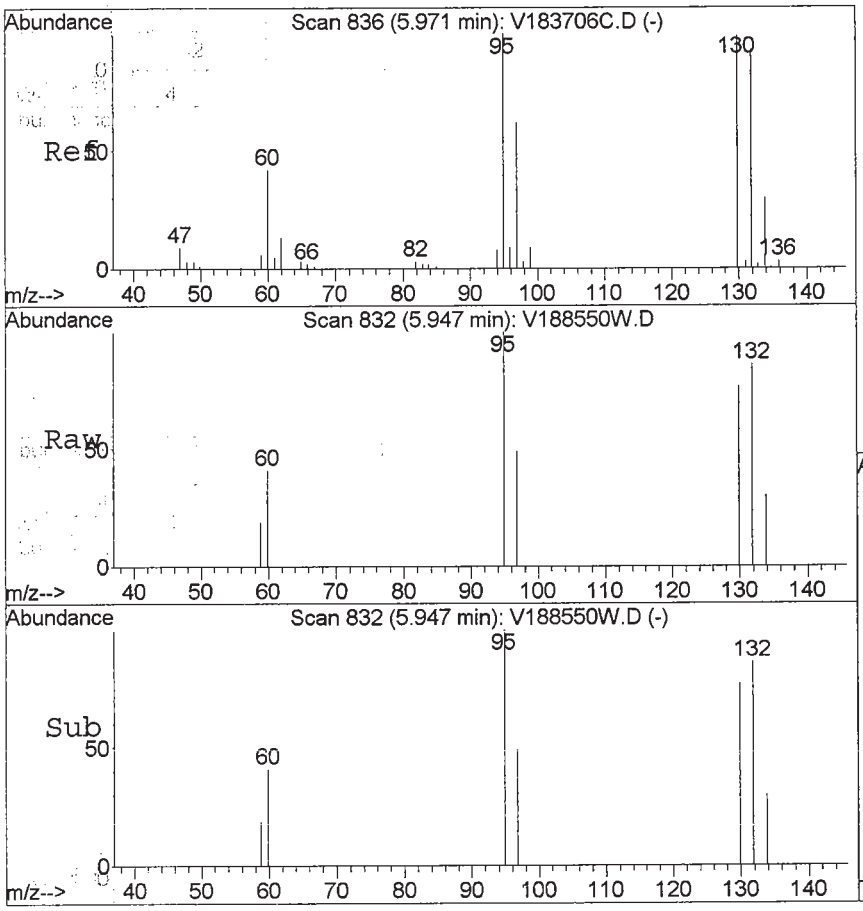


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1285
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion:117 Resp: 648884

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.5	25.5	38.3

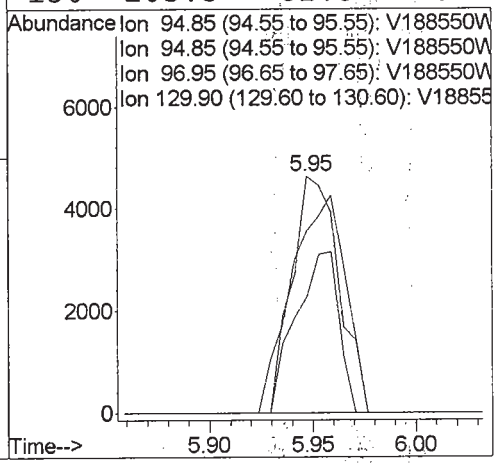


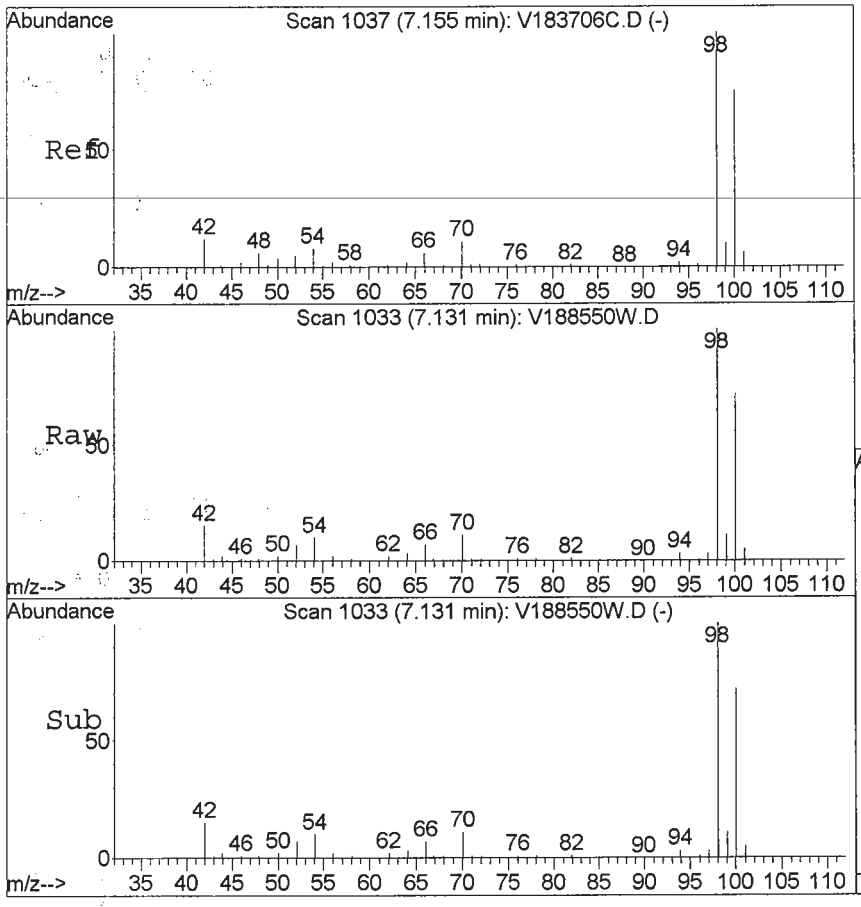


#37
Trichloroethylene
Concen: 1.05 ppb
RT: 5.95 min Scan# 832
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 95 Resp: 7317

Ion	Ratio	Lower	Upper
95	100		
95	100.0	80.0	120.0
97	62.0	53.6	80.4
130	105.3	82.3	123.5

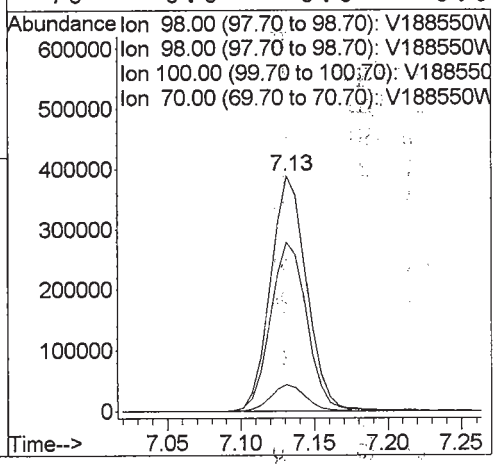


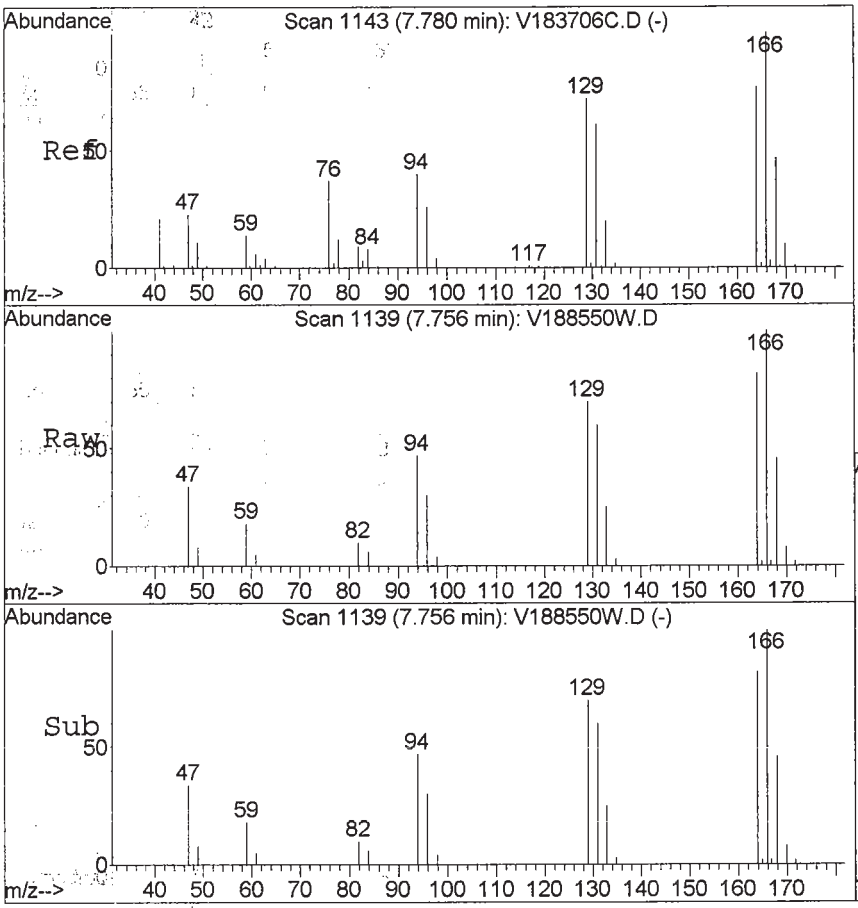


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1033
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion: 98 Resp: 662885

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	72.2	35.3	105.7
70	0.0	0.0	0.0

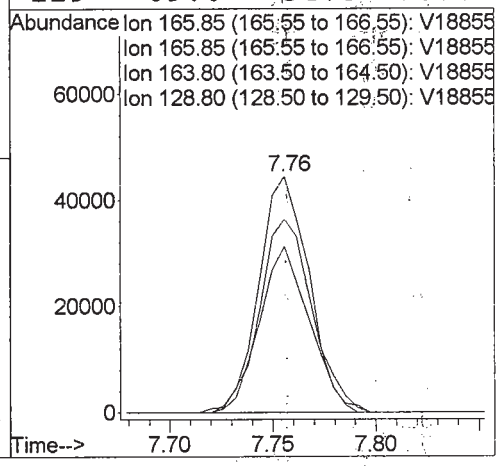


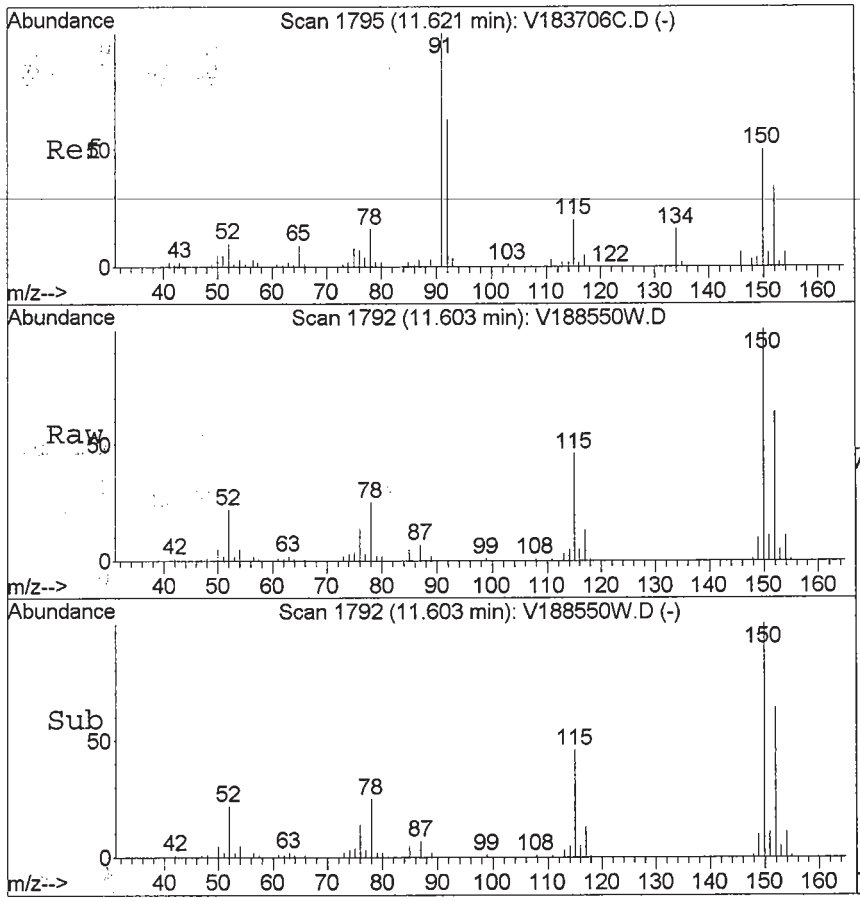


#52
Tetrachloroethylene
Concen: 9.66 ppb
RT: 7.76 min Scan# 1139
Delta R.T. -0.02 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion:166 Resp: 75943

Ion	Ratio	Lower	Upper
166	100		
166	100.0	80.0	120.0
164	83.5	39.1	117.5
129	69.0	34.8	104.4

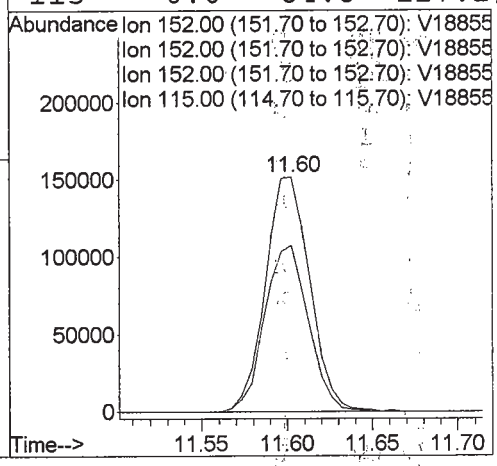


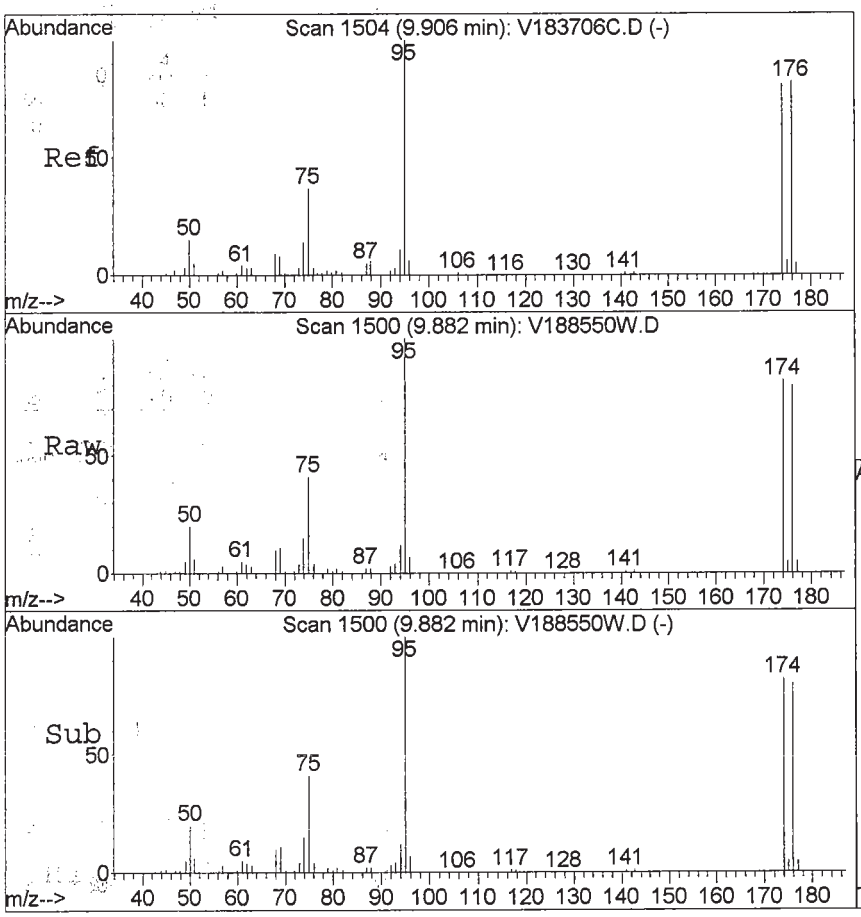


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1792
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion:152 Resp: 274383

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

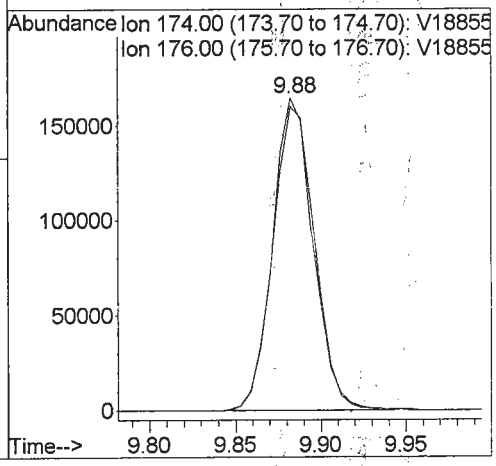




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1500
Delta R.T. -0.01 min
Lab File: V188550W.D
Acq: 27 Apr 2013 7:57 am

Tgt Ion:174 Resp: 275852

Ion	Ratio	Lower	Upper
174	100		
176	96.4	77.4	116.0



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

MW-5D

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-15	File ID:	V188558W.D
Sampled:	04/23/13 10:15	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 12:38
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	4.9	J
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-5D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-15	File ID:	V188558W.D
Sampled:	04/23/13 10:15	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 12:38
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.2	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.9	114	72.6 - 129	
p-Bromofluorobenzene	50.0	47.3	94.6	63.5 - 145	
Toluene-d8	50.0	47.1	94.2	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188558W.D
Acq On : 29 Apr 2013 12:38 pm
Sample : 13D0938-15
Misc : QBV1042913A 8260 ASPB
MS Integration Params: RTEINT1.P

Vial: 7
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

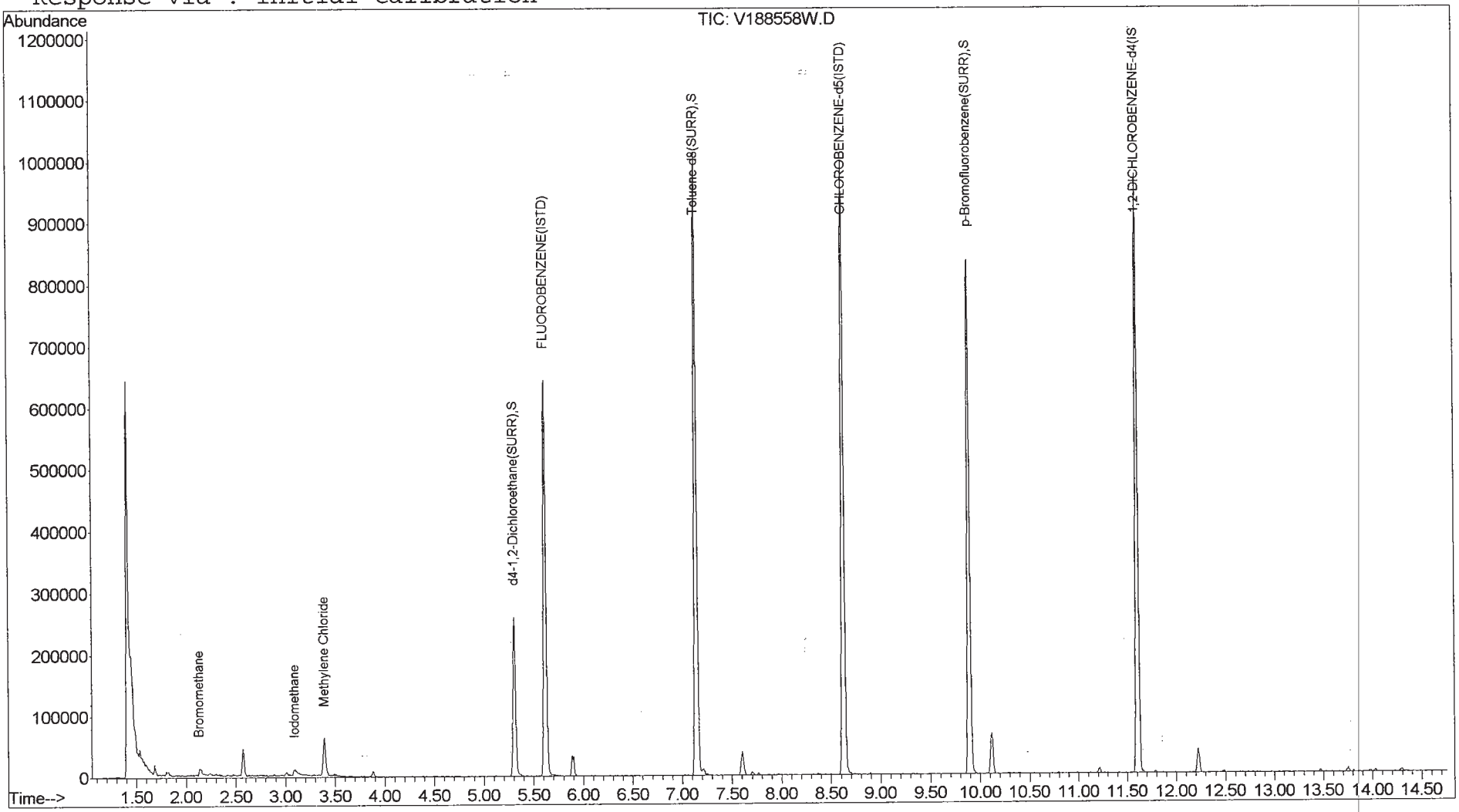
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

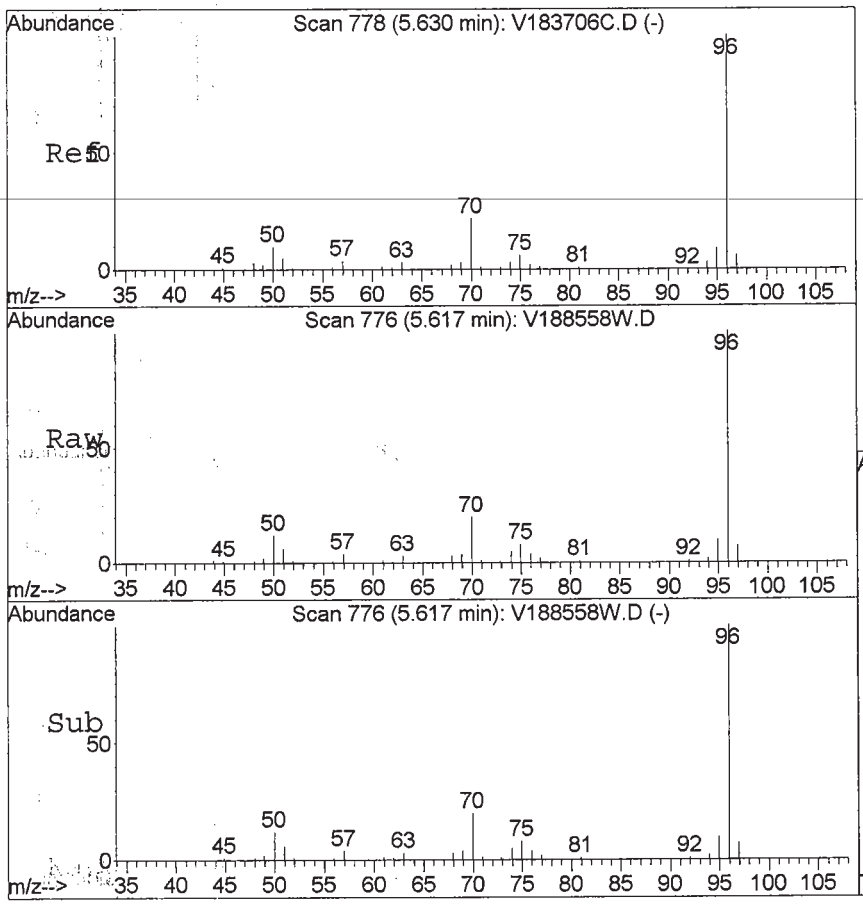
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	113343	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	645617	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	285127	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	187425	56.86	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 113.72%			
47) Toluene-d8(SURR)	7.14	98	652183	47.12	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.24%			
64) p-Bromofluorobenzene(SURR)	9.89	174	272525	47.29	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 94.58%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	17947	4.92	ppb #	78
12) Iodomethane	3.10	142	21014	5.35	ppb	92
17) Methylene Chloride	3.39	49	27385	5.18	ppb #	76

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188558W.D Vial: 7
Acq On : 29 Apr 2013 12:38 pm Operator: SS
Sample : 13D0938-15 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

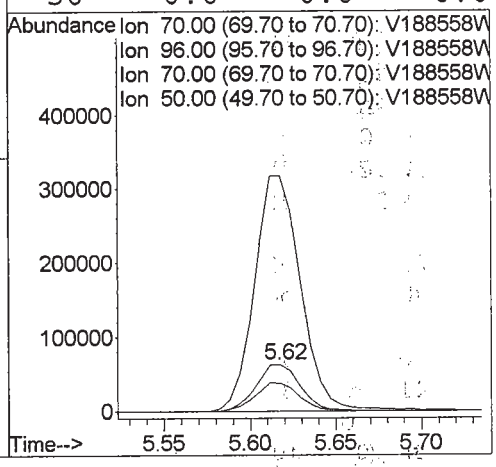


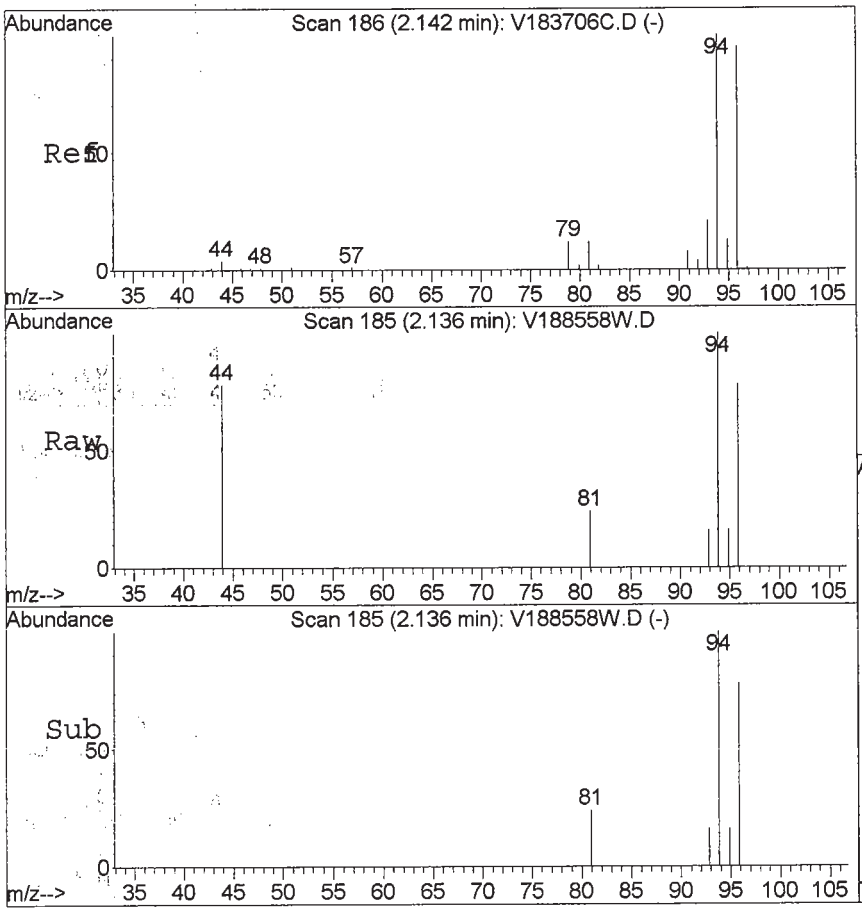


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 70 Resp: 113343

Ion	Ratio	Lower	Upper
70	100		
96	520.2	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

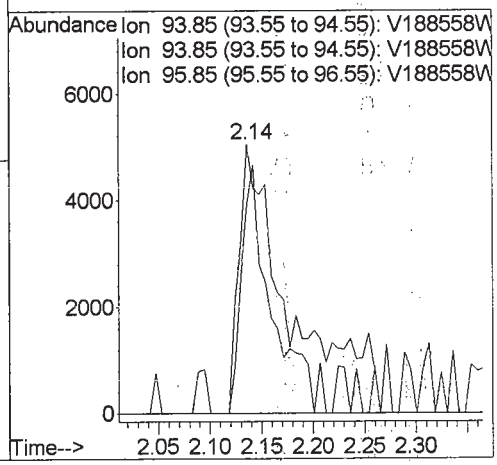


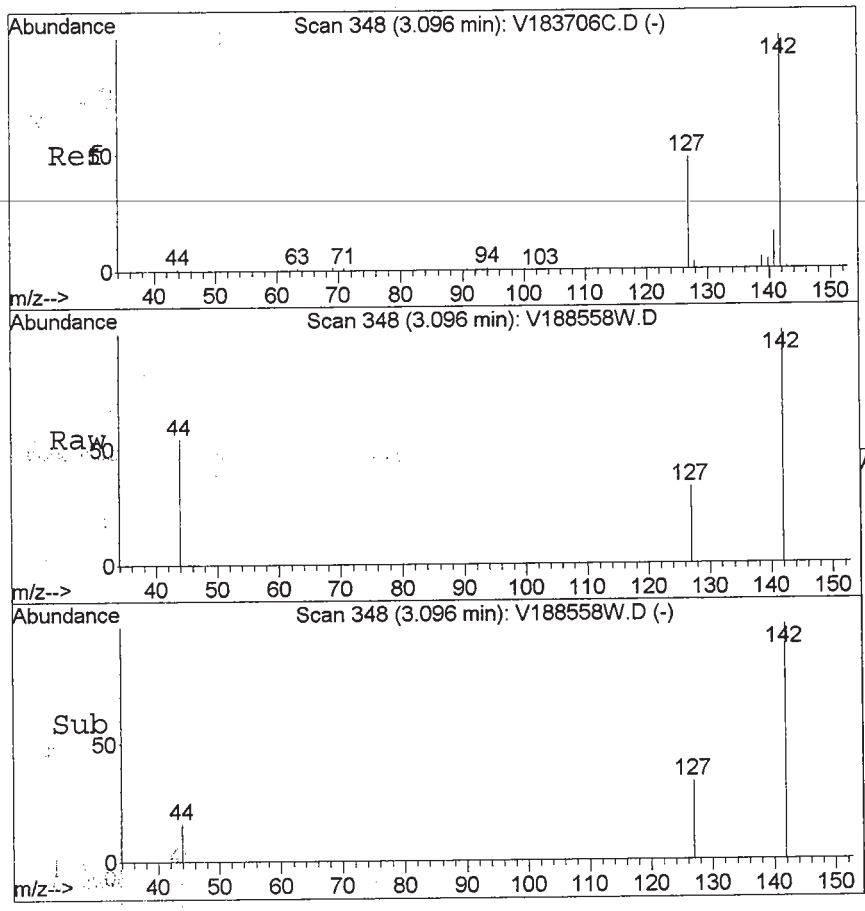


#5
Bromomethane
Concen: 4.92 ppb
RT: 2.14 min Scan# 185
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 94 Resp: 17947

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	53.4	77.5	116.3#

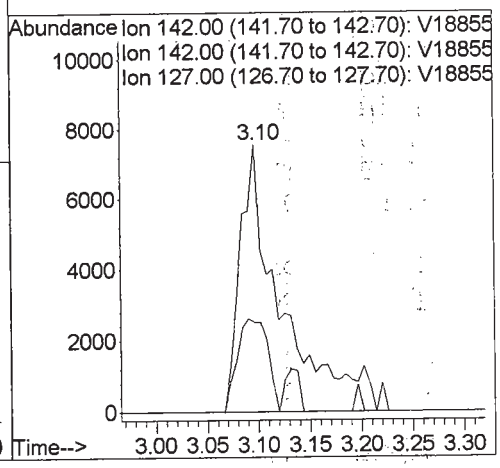


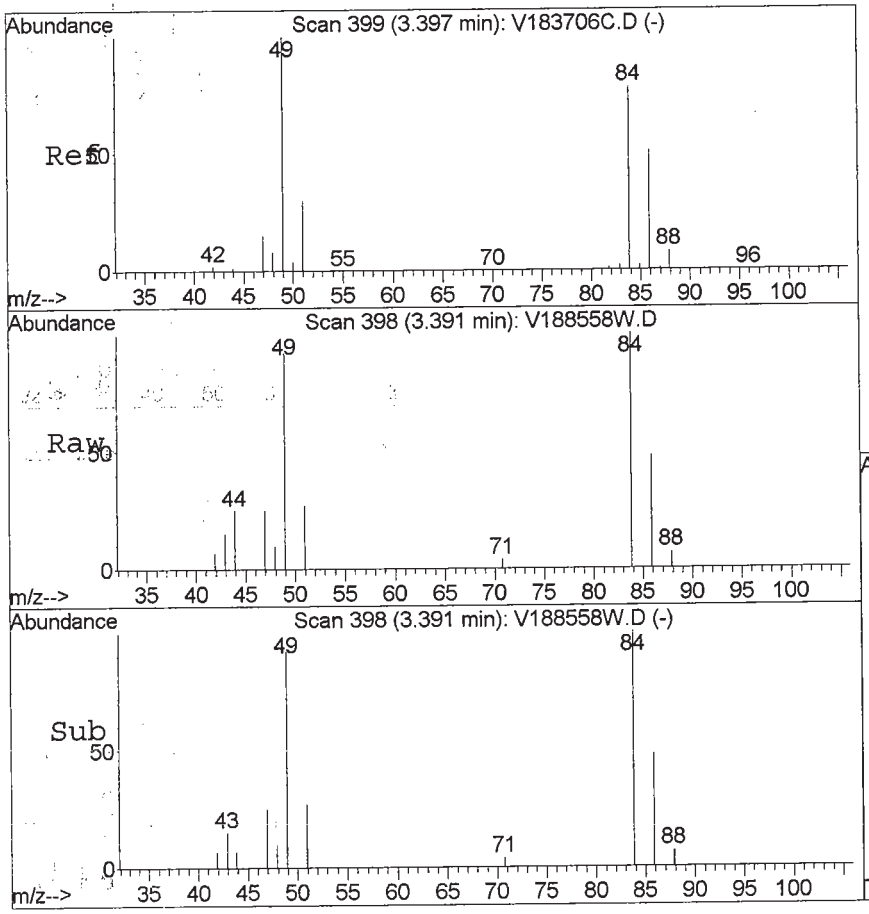


#12
Iodomethane
Concen: 5.35 ppb
RT: 3.10 min Scan# 348
Delta R.T. -0.00 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion:142 Resp: 21014

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	31.2	24.3	72.8

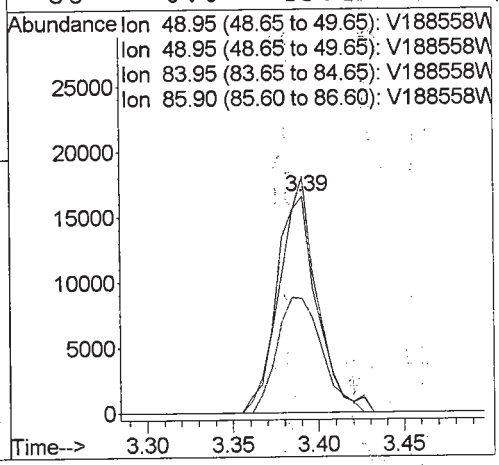


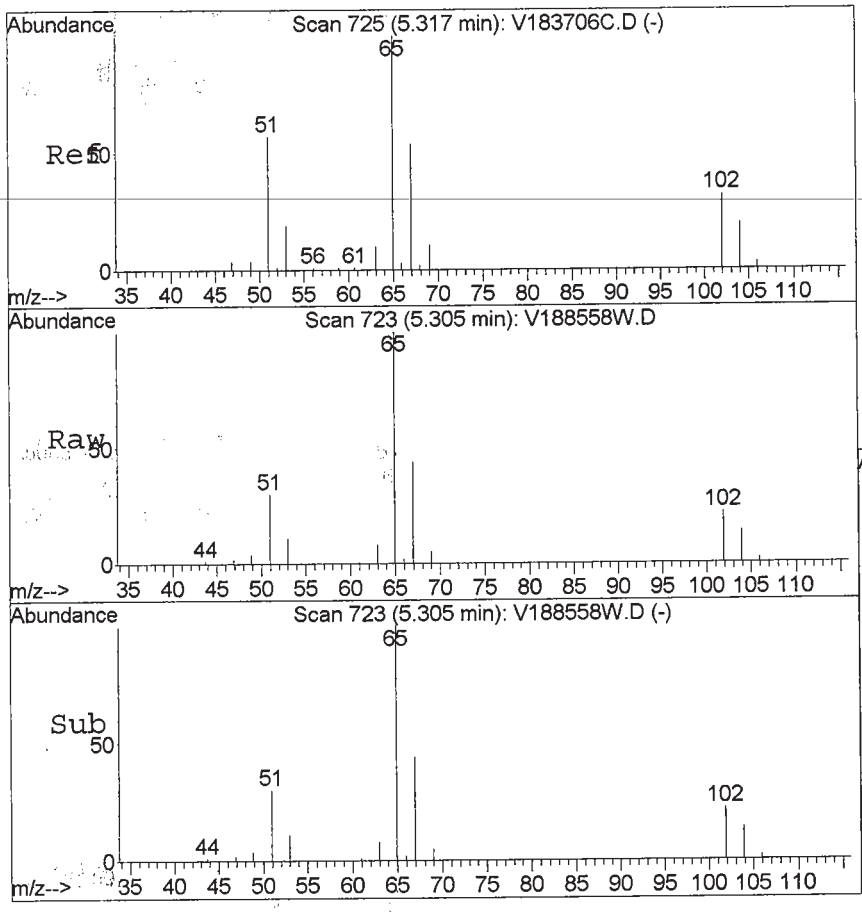


#17
Methylene Chloride
Concen: 5.18 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 49 Resp: 27385

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	98.0	66.3	99.5
86	0.0	45.4	68.2#

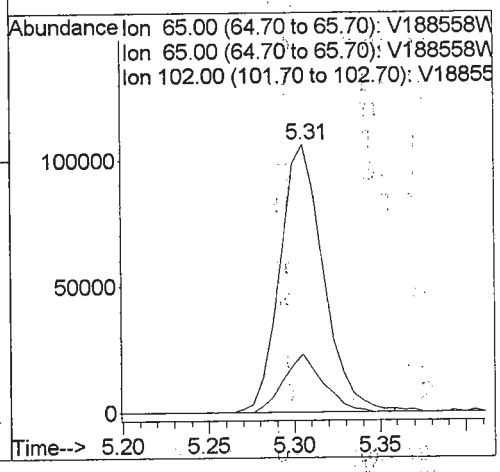


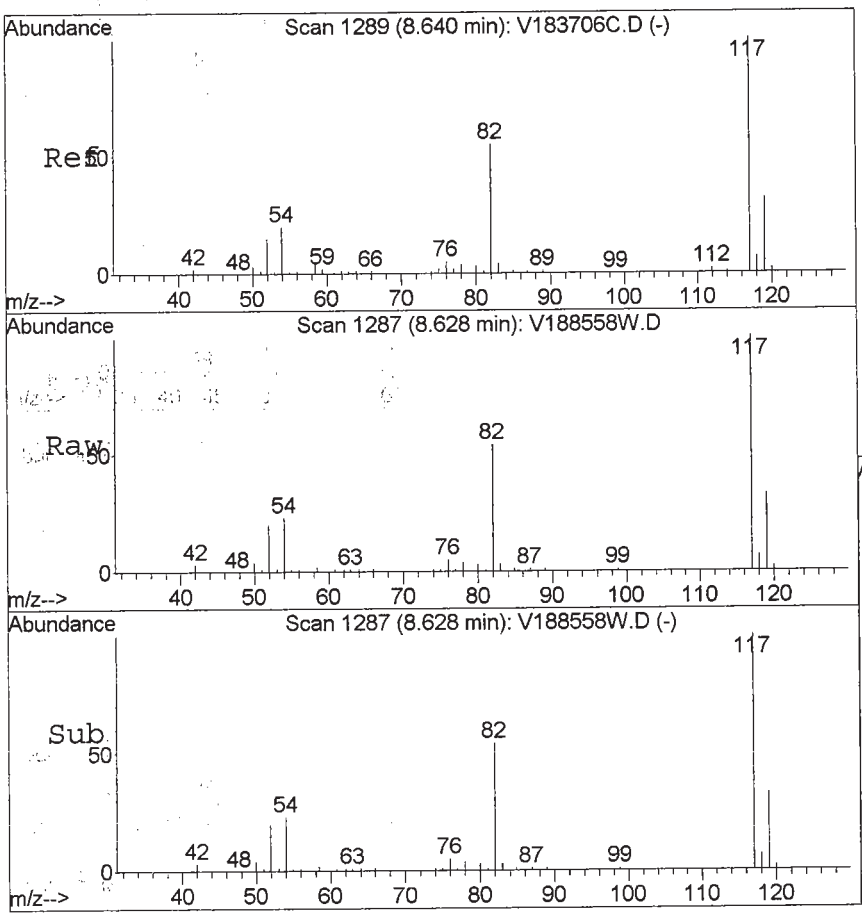


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 65 Resp: 187425

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	19.8	15.8	23.8

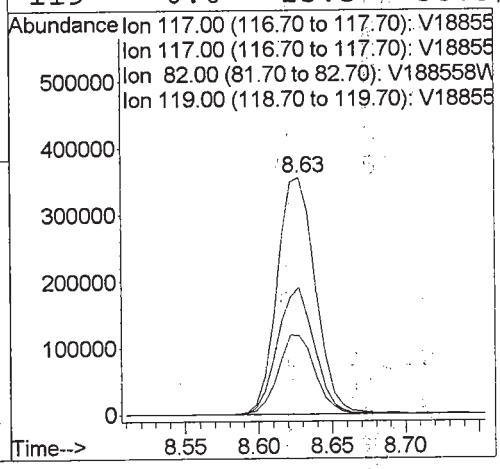


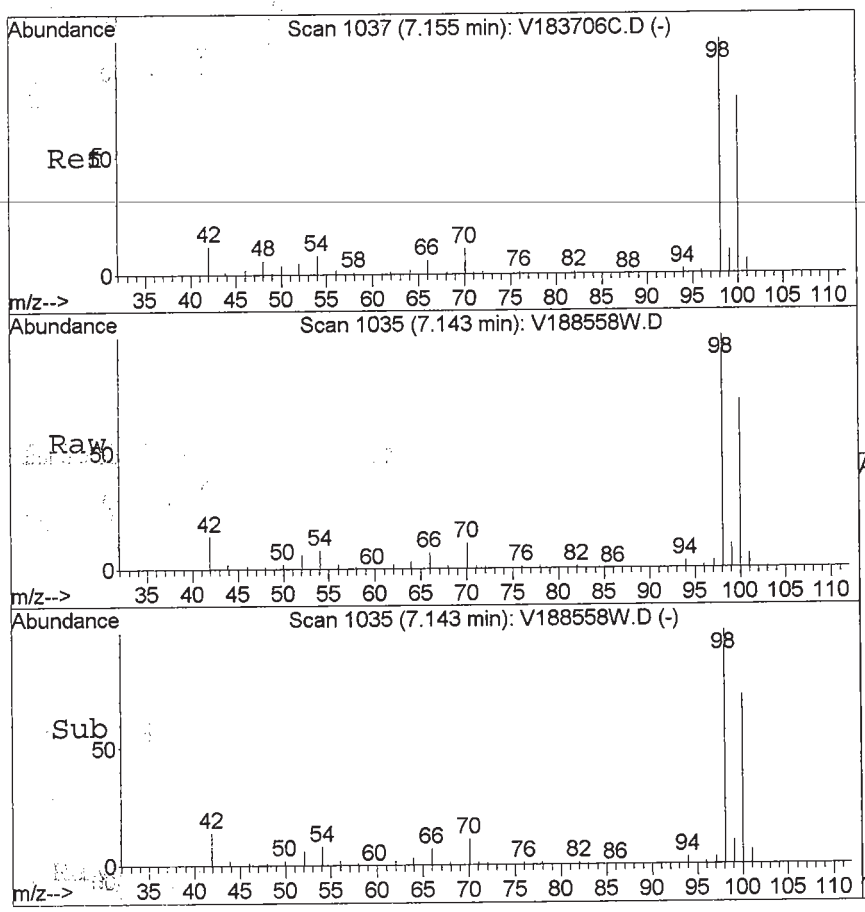


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion:117 Resp: 645617

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	0.0	25.5	38.3#

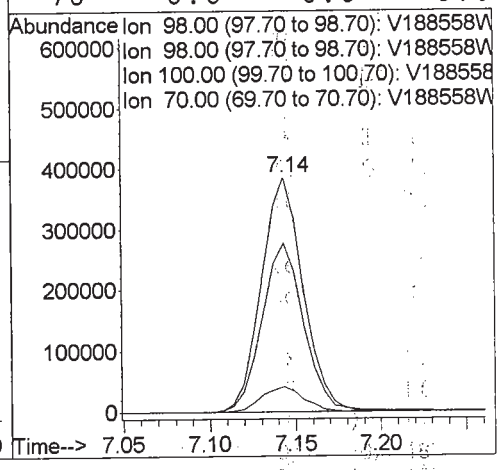


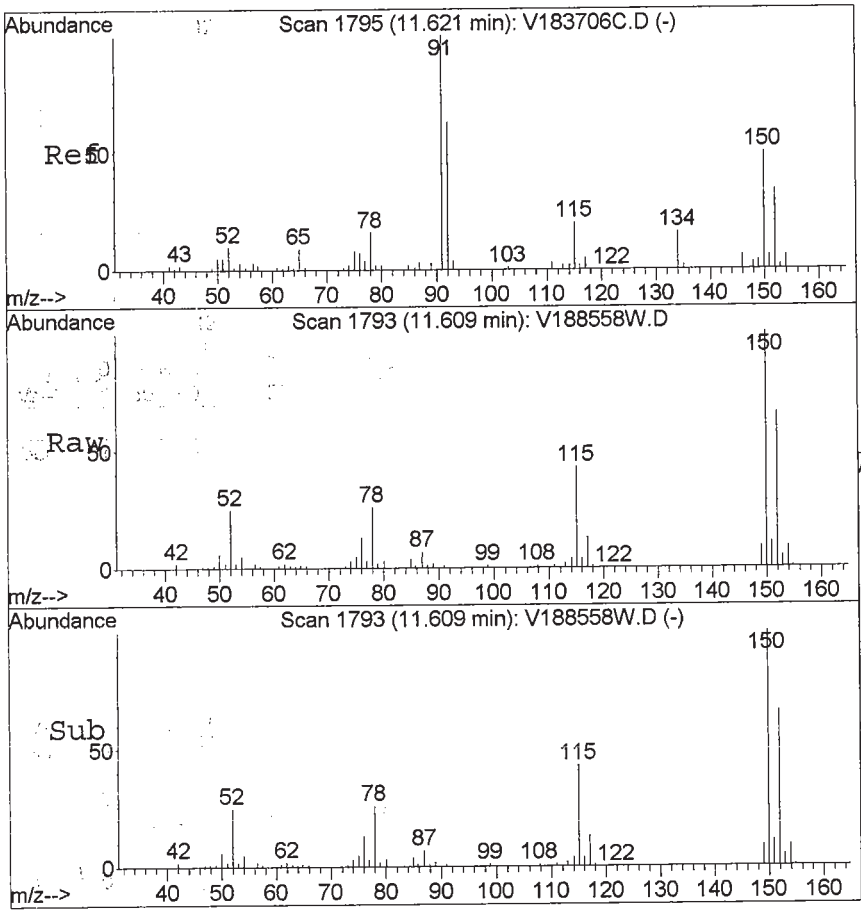


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion: 98 Resp: 652183

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.6	35.3	105.7
70	0.0	0.0	0.0

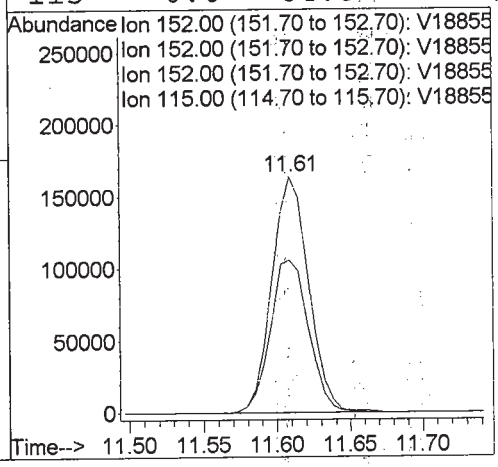


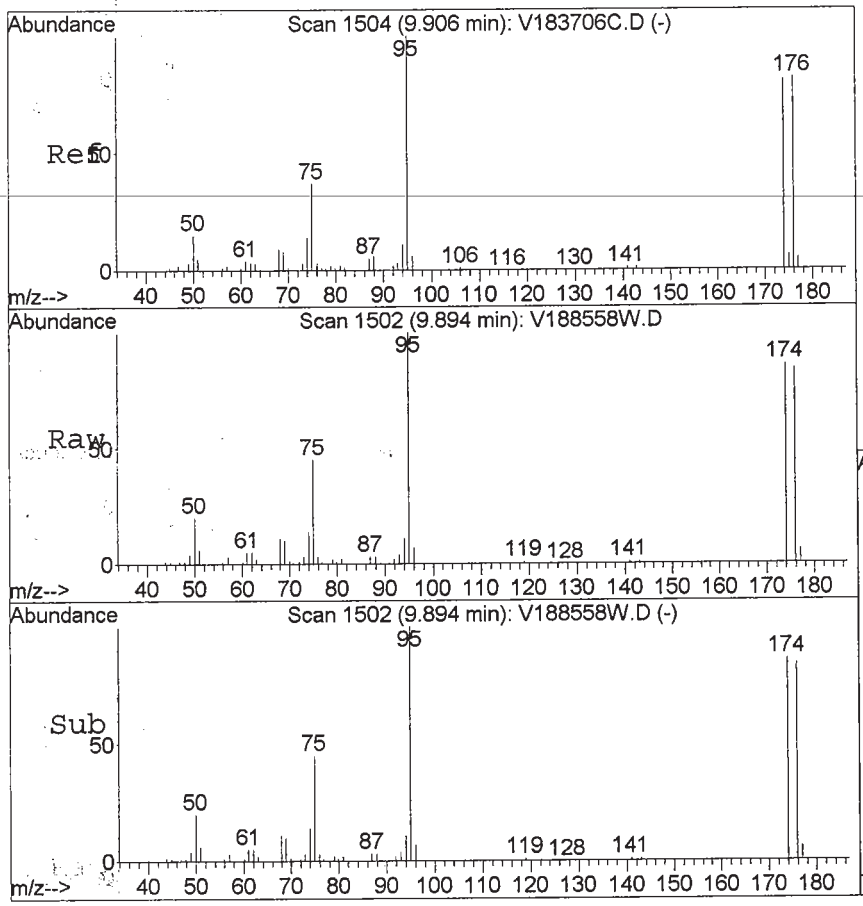


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion:152 Resp: 285127

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

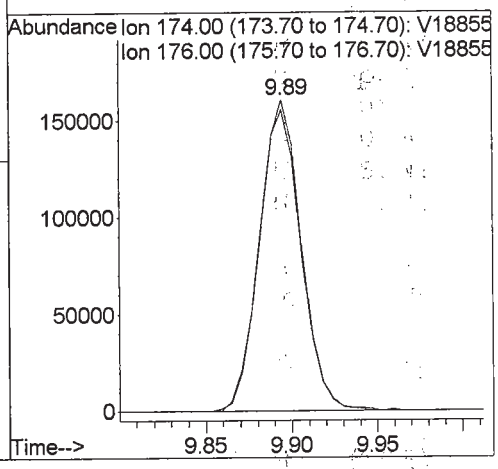




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188558W.D
Acq: 29 Apr 2013 12:38 pm

Tgt Ion:174 Resp: 272525

Ion	Ratio	Lower	Upper
174	100		
176	96.7	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-16	File ID:	V188559W.D
Sampled:	04/23/13 11:15	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 13:17
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-6A**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-16	File ID:	V188559W.D
Sampled:	04/23/13 11:15	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 13:17
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	4.1	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.4	113	72.6 - 129	
p-Bromofluorobenzene	50.0	49.4	98.7	63.5 - 145	
Toluene-d8	50.0	47.2	94.3	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188559W.D
Acq On : 29 Apr 2013 1:17 pm
Sample : 13D0938-16
Misc : QBV1042913A 8260 ASPB
MS Integration Params: RTEINT1.P

Vial: 8
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

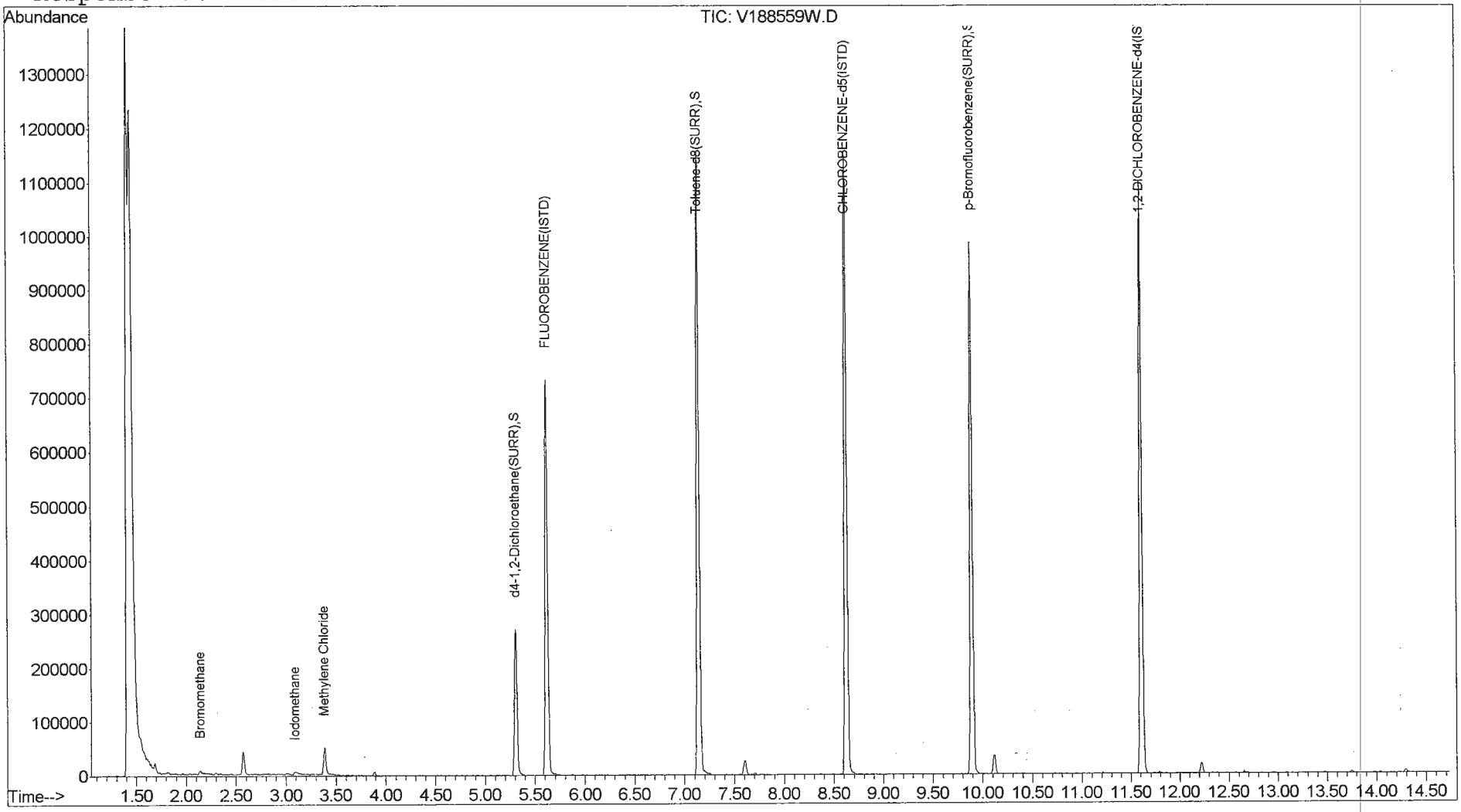
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

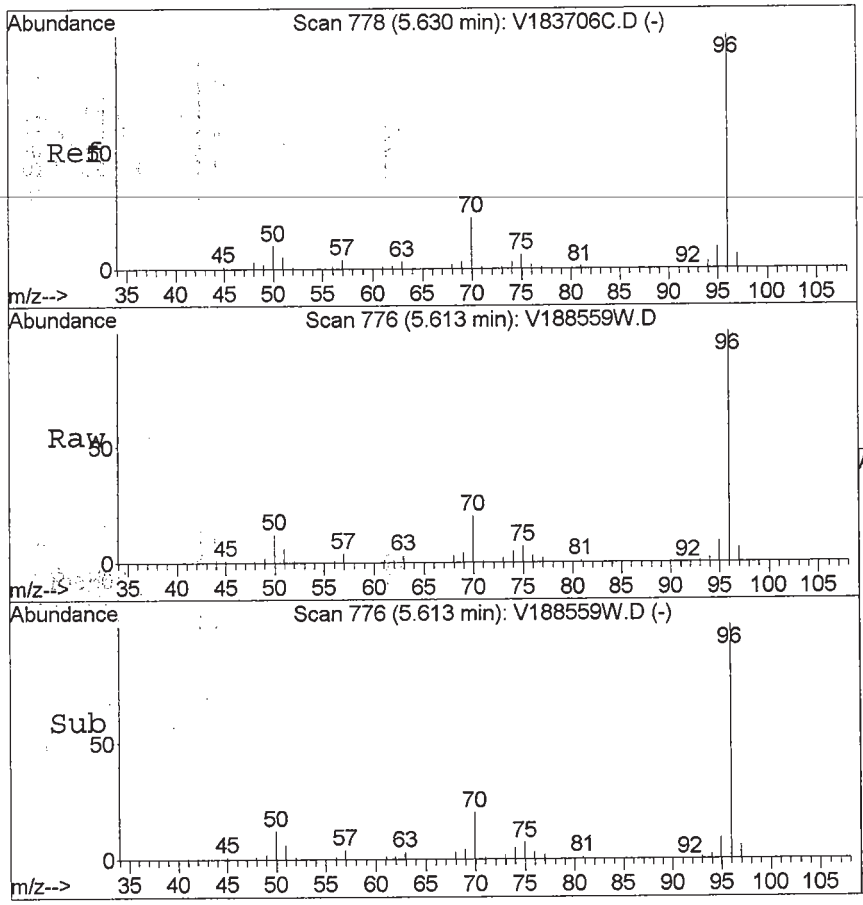
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	125547	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	728058	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	312239	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	205829	56.38	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 112.76%			
47) Toluene-d8(SURR)	7.14	98	735912	47.15	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.30%			
64) p-Bromofluorobenzene(SURR)	9.89	174	311463	49.35	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.70%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	5951	1.47	ppb	99
12) Iodomethane	3.09	142	6381	1.47	ppb	98
17) Methylene Chloride	3.39	49	23813	4.07	ppb	99

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188559W.D Vial: 8
Acq On : 29 Apr 2013 1:17 pm Operator: SS
Sample : 13D0938-16 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

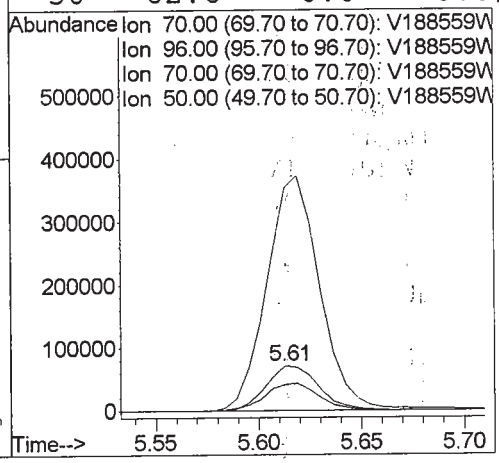


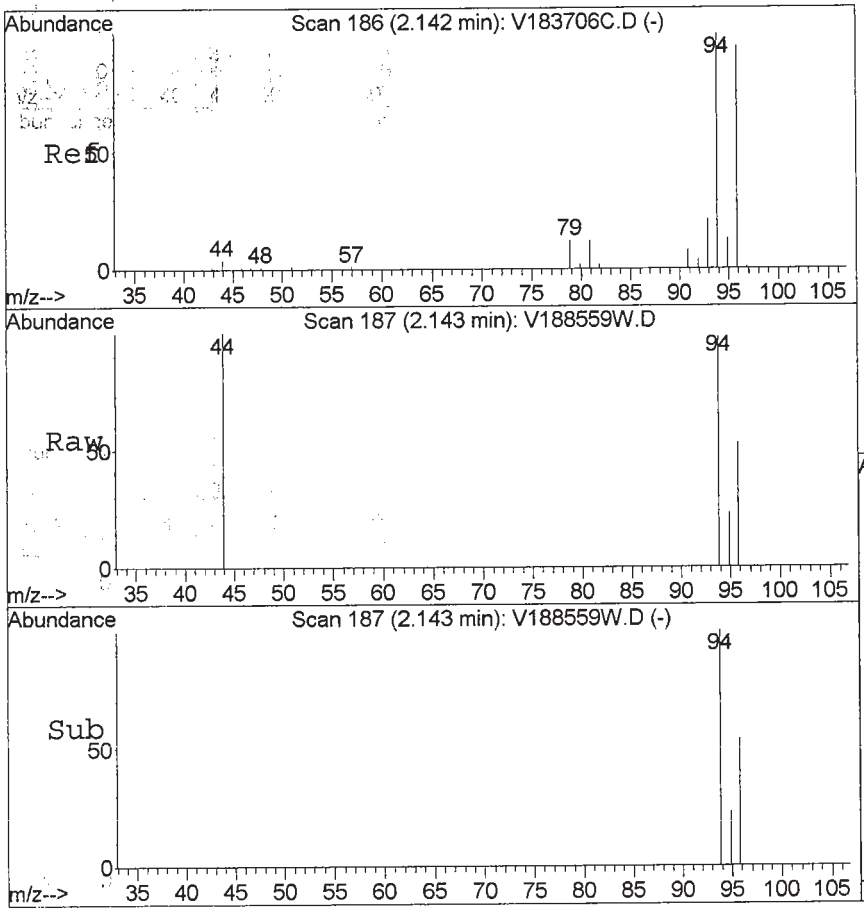


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 776
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 70 Resp: 125547

Ion	Ratio	Lower	Upper
70	100		
96	531.4	400.1	600.1
70	100.0	80.0	120.0
50	62.6	0.0	0.0#

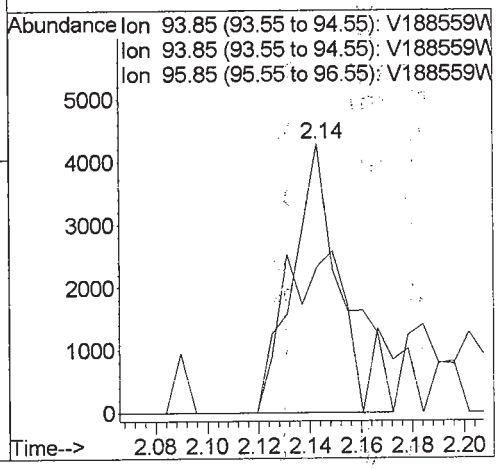


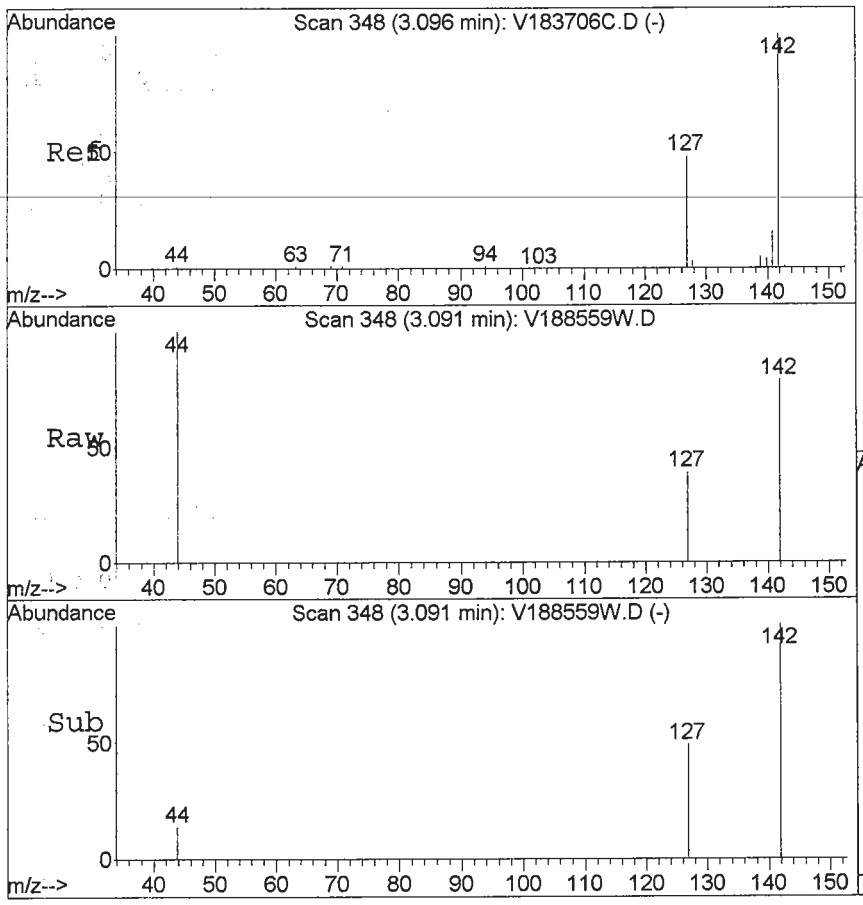


#5
Bromomethane
Concen: 1.47 ppb
RT: 2.14 min Scan# 187
Delta R.T. 0.00 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 94 Resp: 5951

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	98.7	77.5	116.3

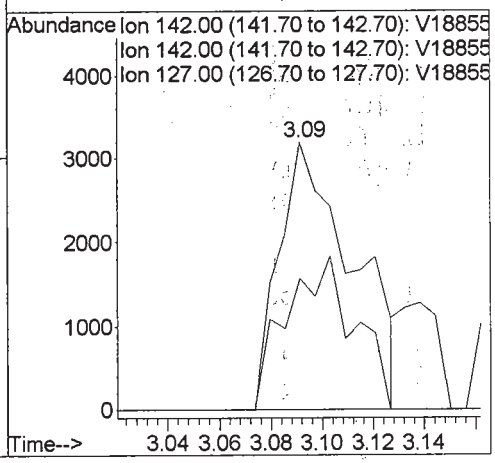


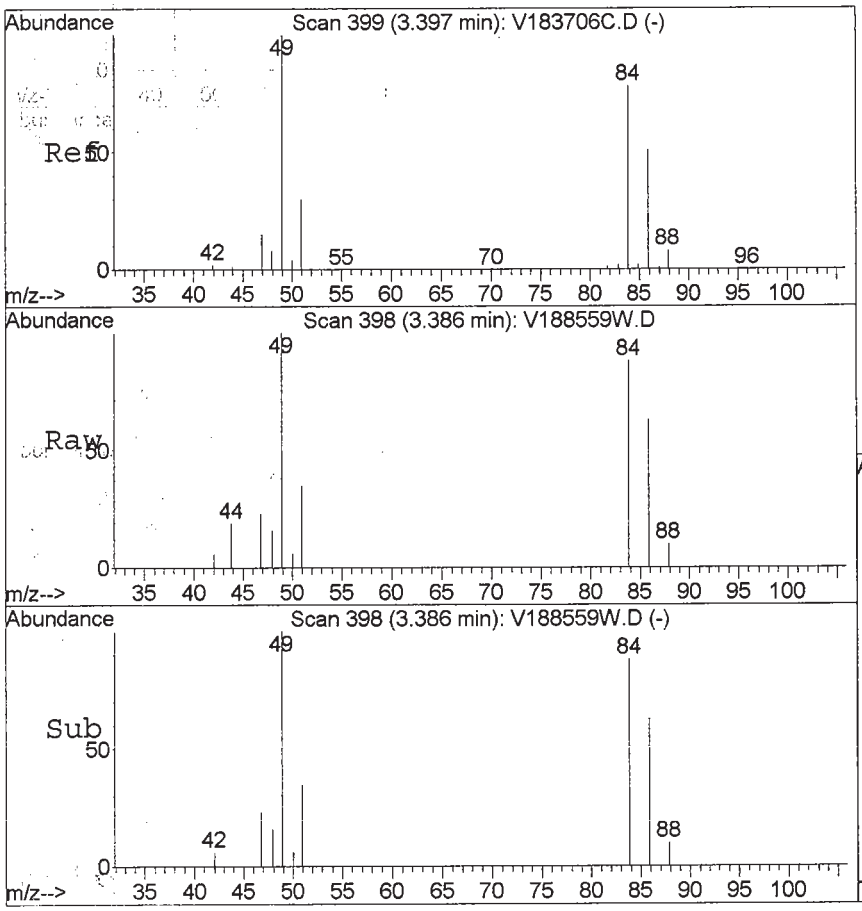


#12
Iodomethane
Concen: 1.47 ppb
RT: 3.09 min Scan# 348
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion:142 Resp: 6381

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	53.4	24.3	72.8

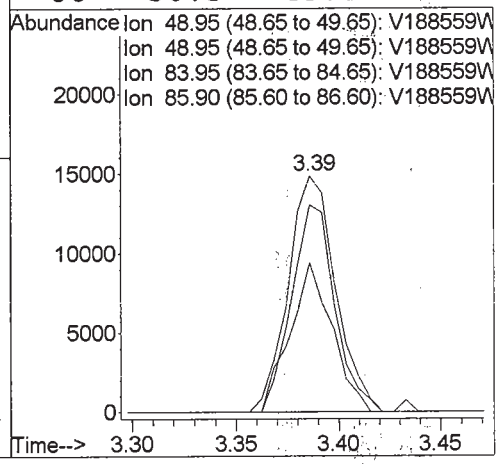


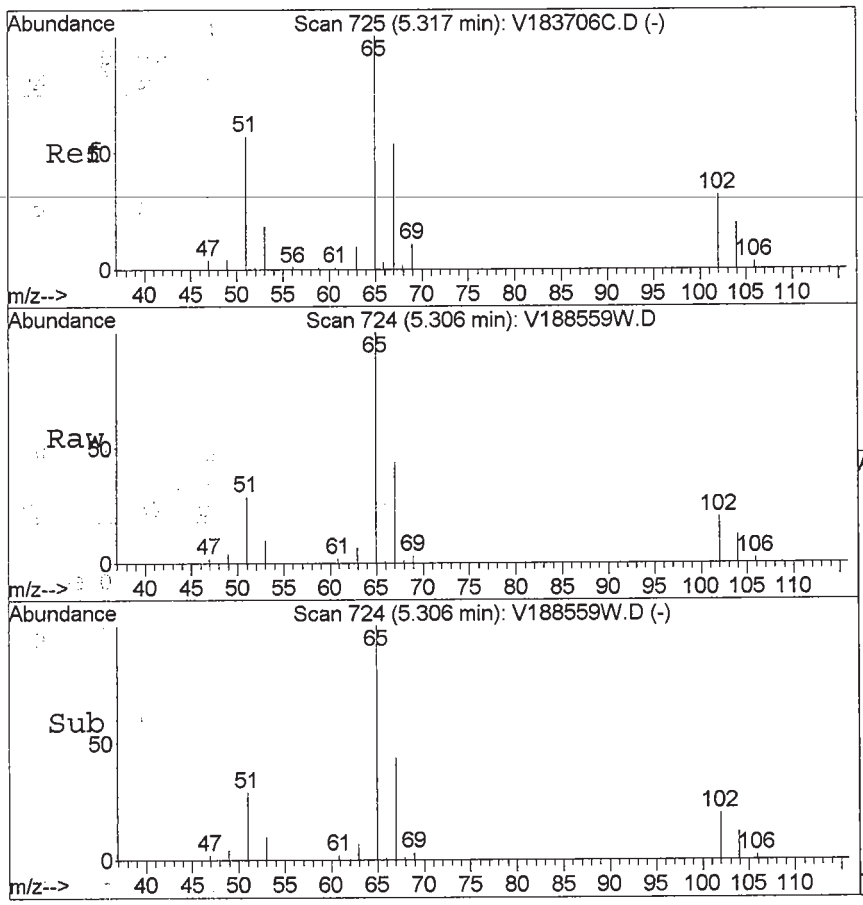


#17
Methylene Chloride
Concen: 4.07 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 49 Resp: 23813

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	80.4	66.3	99.5
86	56.3	45.4	68.2

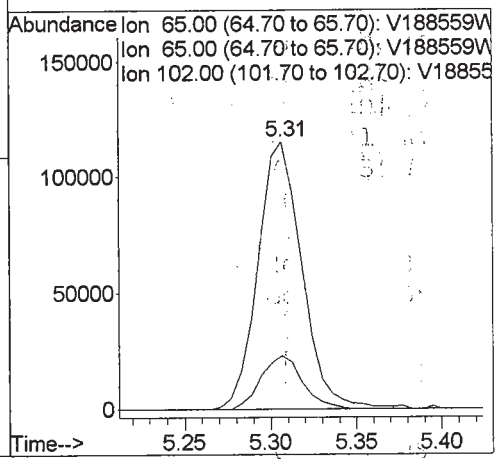


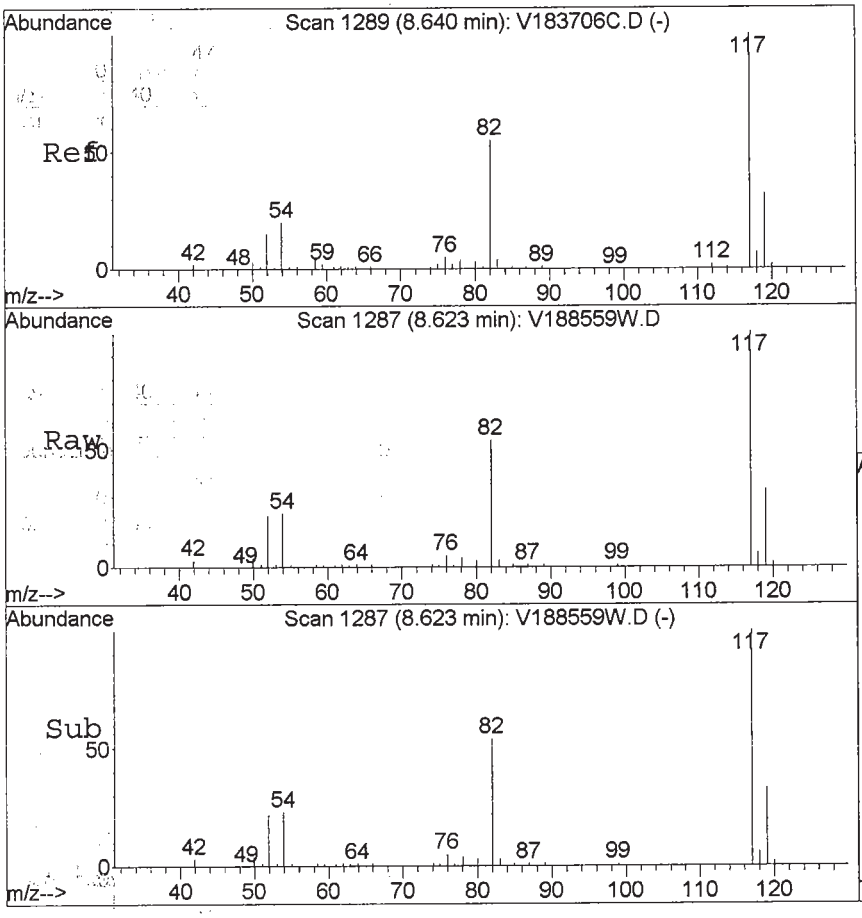


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 65 Resp: 205829

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	19.1	15.8	23.8

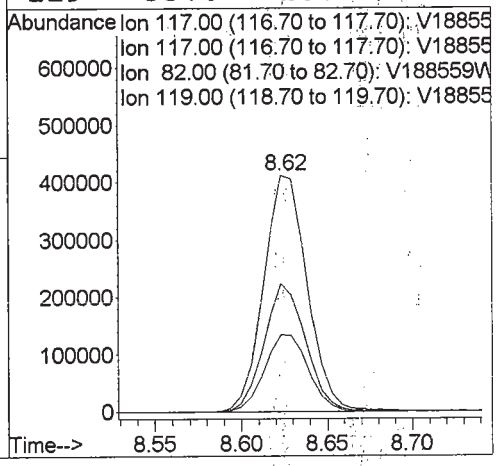


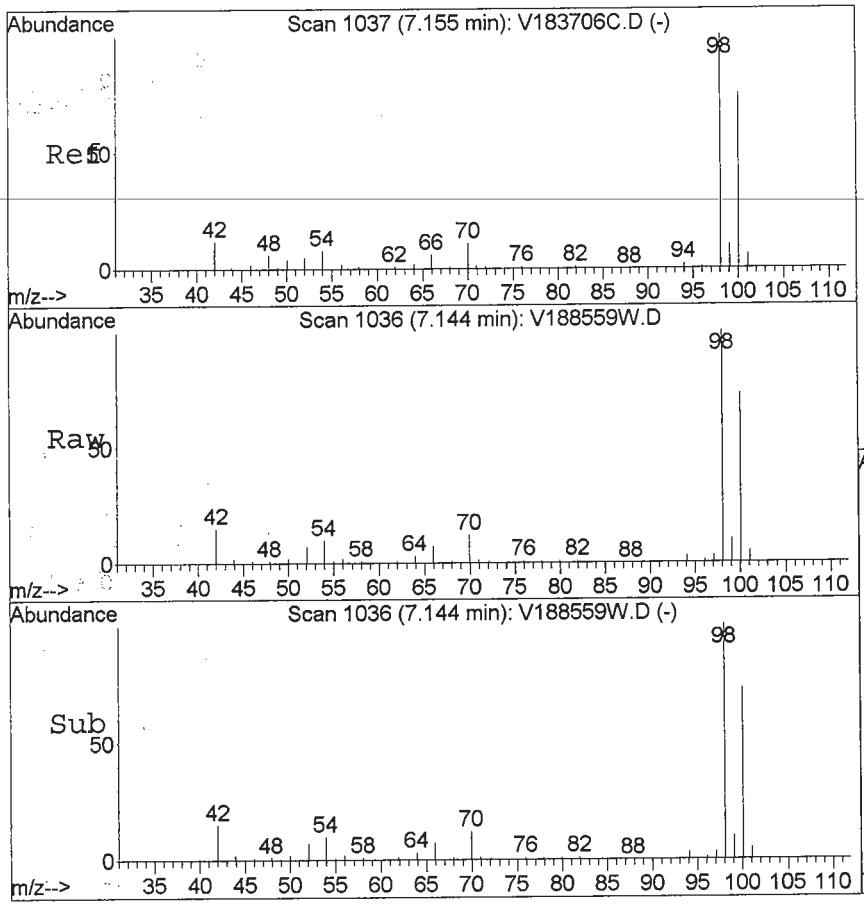


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1287
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion:117 Resp: 728058

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	33.0	25.5	38.3

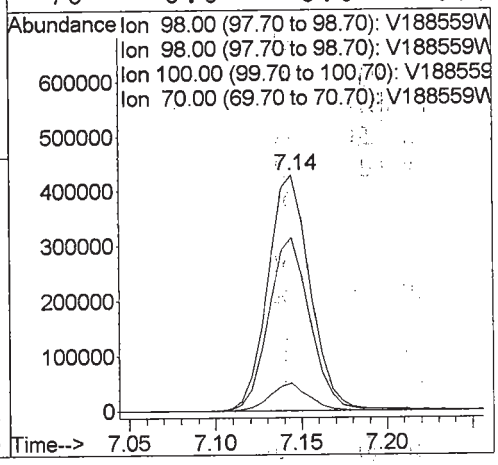


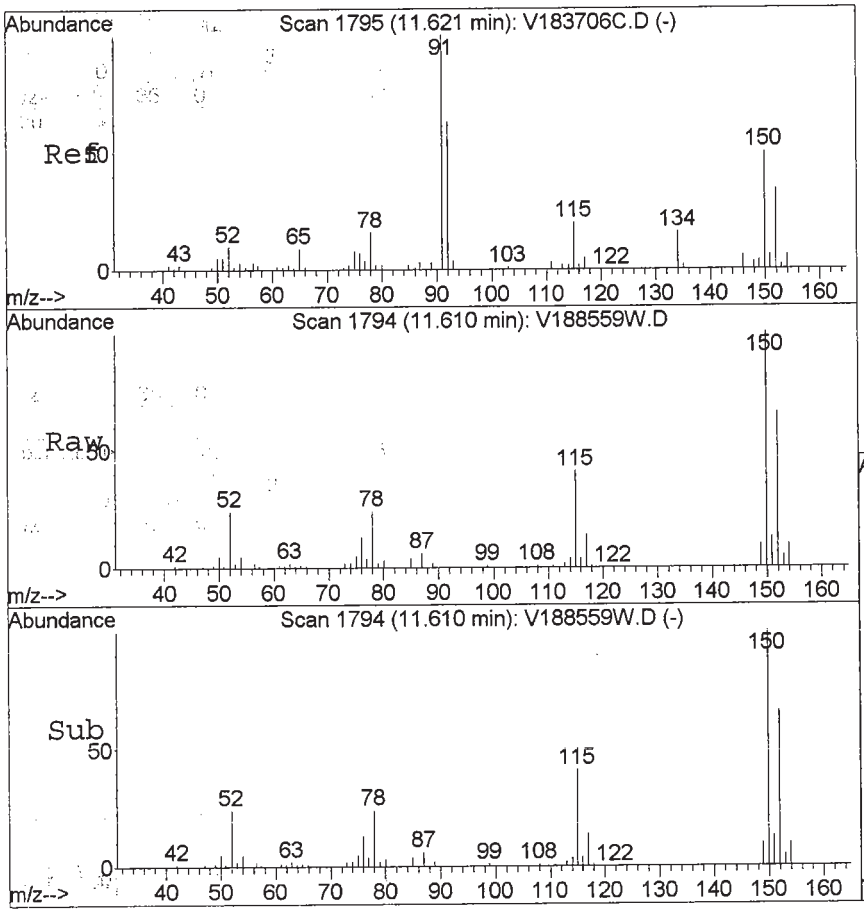


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion: 98 Resp: 735912

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.7	35.3	105.7
70	0.0	0.0	0.0

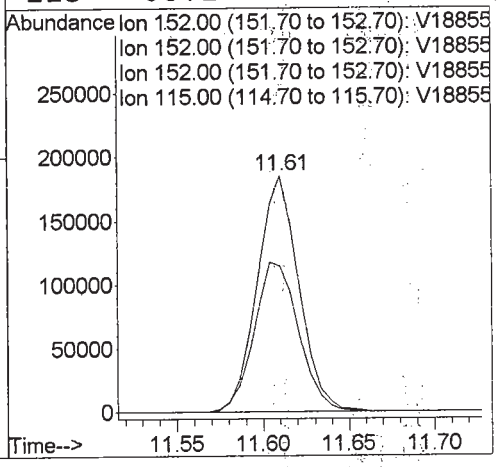


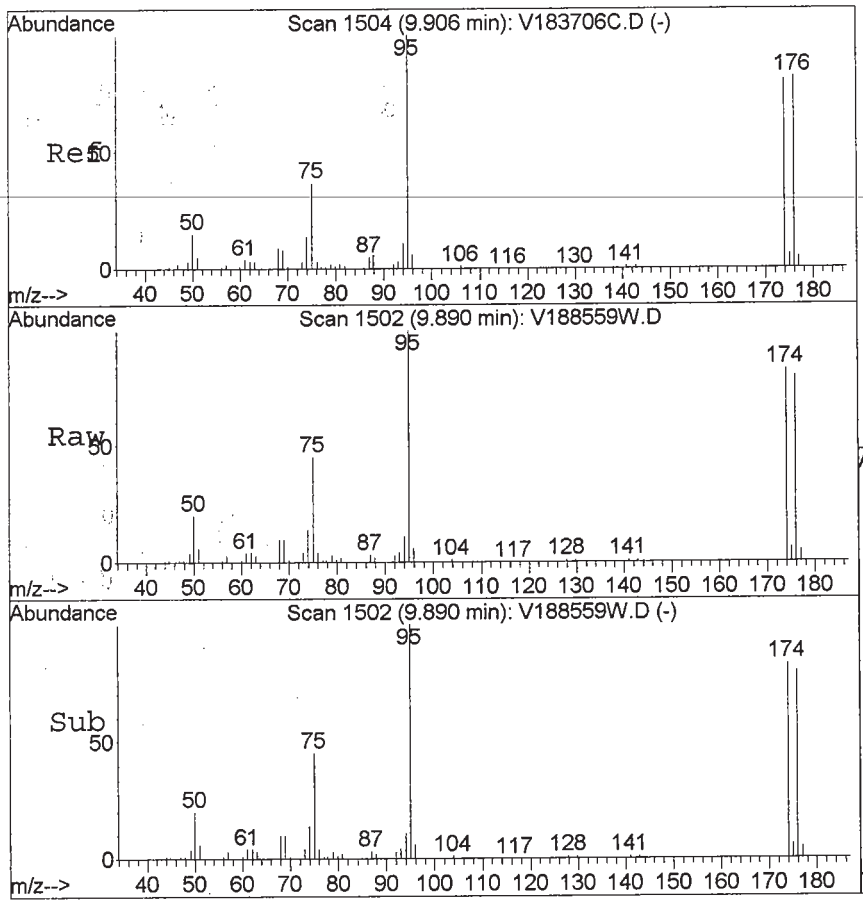


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion:152 Resp: 312239

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	68.1	84.8	127.2#

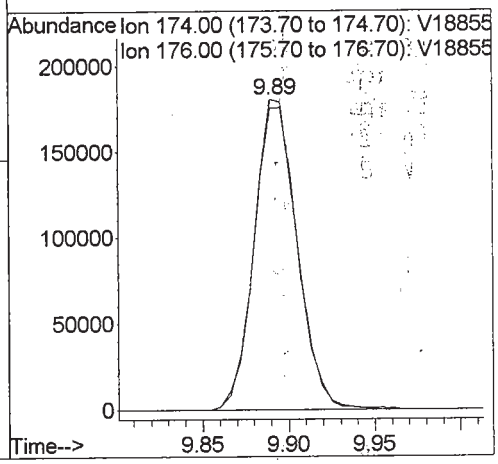




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.01 min
Lab File: V188559W.D
Acq: 29 Apr 2013 1:17 pm

Tgt Ion:174 Resp: 311463

Ion	Ratio	Lower	Upper
174	100		
176	98.8	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-17	File ID:	V188560W.D
Sampled:	04/23/13 11:20	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 13:56
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-17	File ID:	V188560W.D
Sampled:	04/23/13 11:20	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 13:56
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.4	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.3	115	72.6 - 129	
p-Bromofluorobenzene	50.0	49.9	99.8	63.5 - 145	
Toluene-d8	50.0	47.0	94.0	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188560W.D Vial: 9
Acq On : 29 Apr 2013 1:56 pm Operator: SS
Sample : 13D0938-17 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:11 2013 Quant Results File: V1C00360.RES

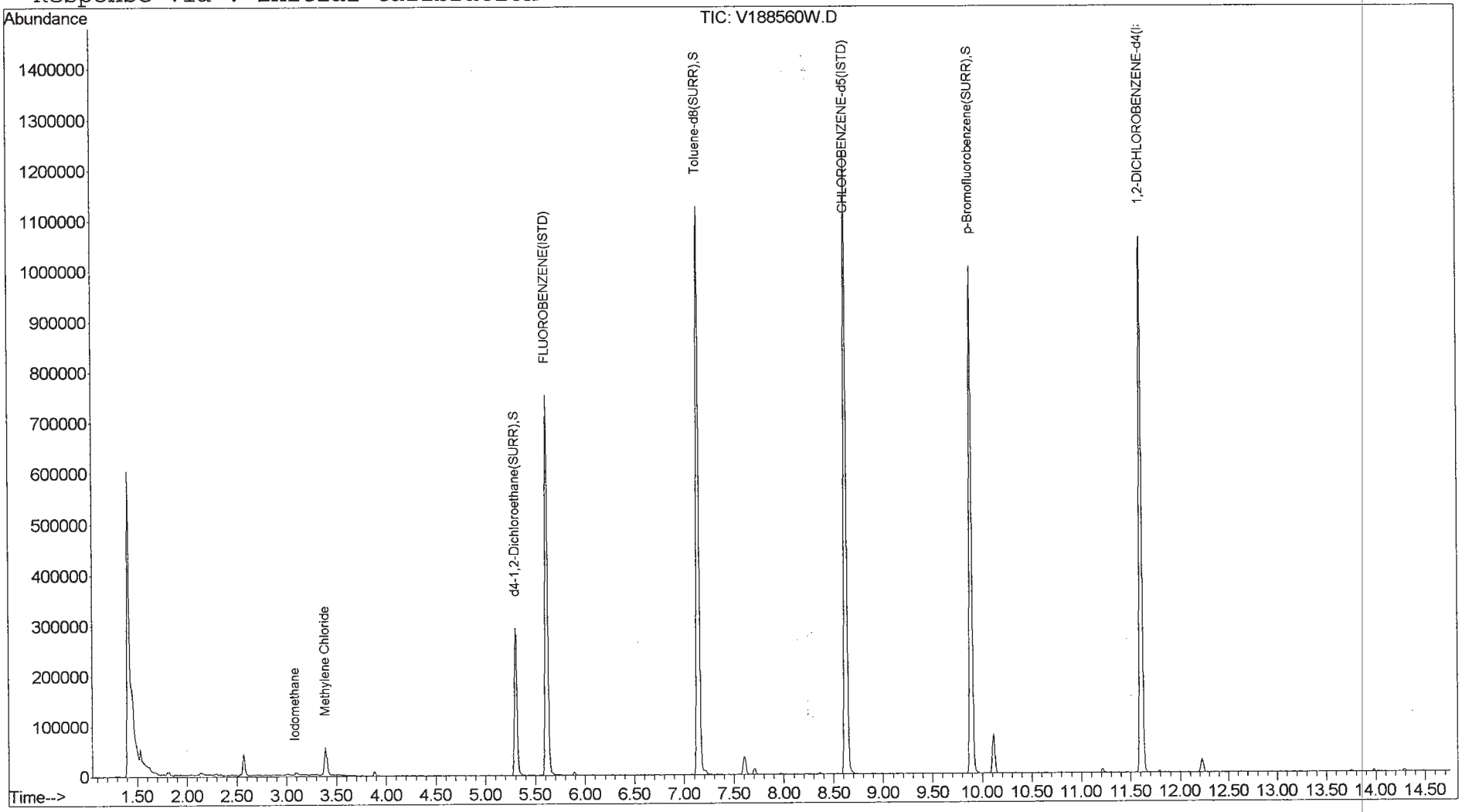
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

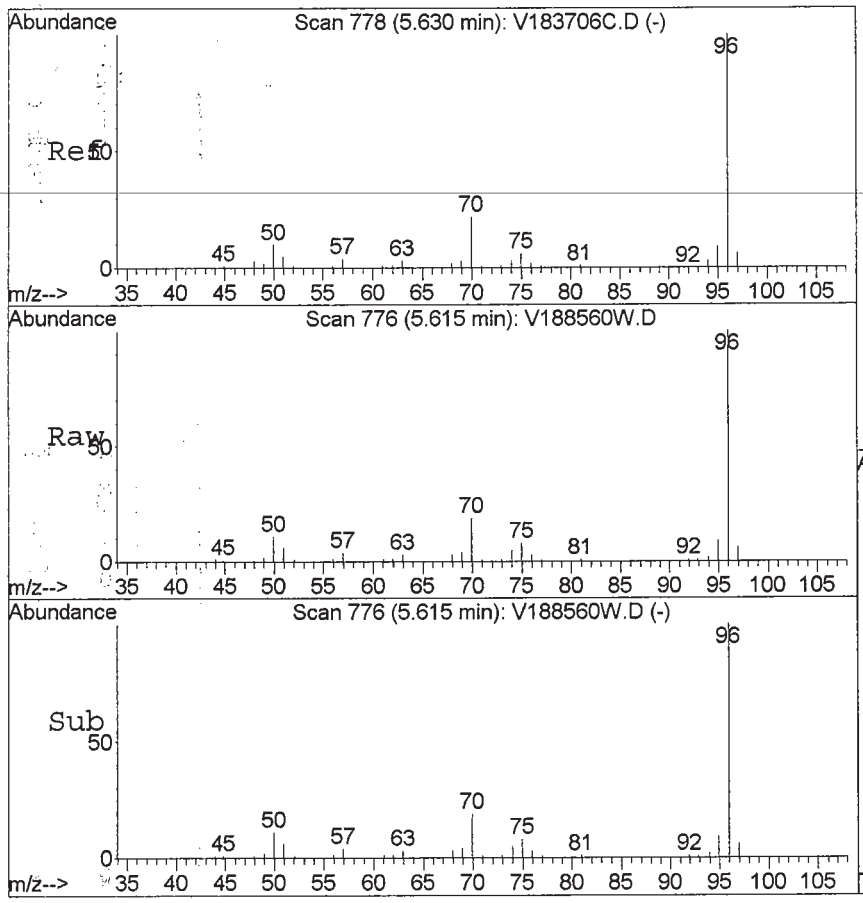
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	129432	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	742840	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	309688	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	215692	57.30	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.60%			
47) Toluene-d8(SURR)	7.14	98	748742	47.01	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.02%			
64) p-Bromofluorobenzene(SURR)	9.89	174	312349	49.90	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.80%			
Target Compounds						Qvalue
12) Iodomethane	3.09	142	8043	1.79	ppb	89
17) Methylene Chloride	3.39	49	20199	3.35	ppb	97

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188560W.D Vial: 9
Acq On : 29 Apr 2013 1:56 pm Operator: SS
Sample : 13D0938-17 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:11 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

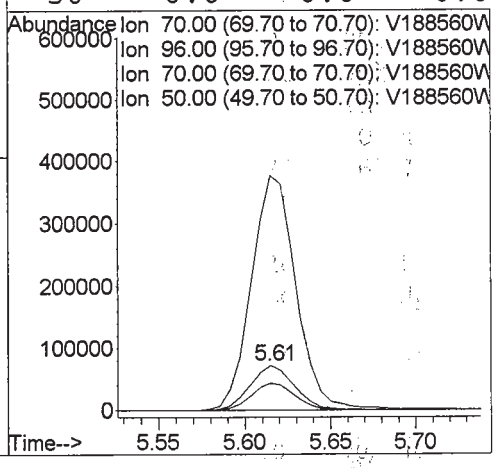


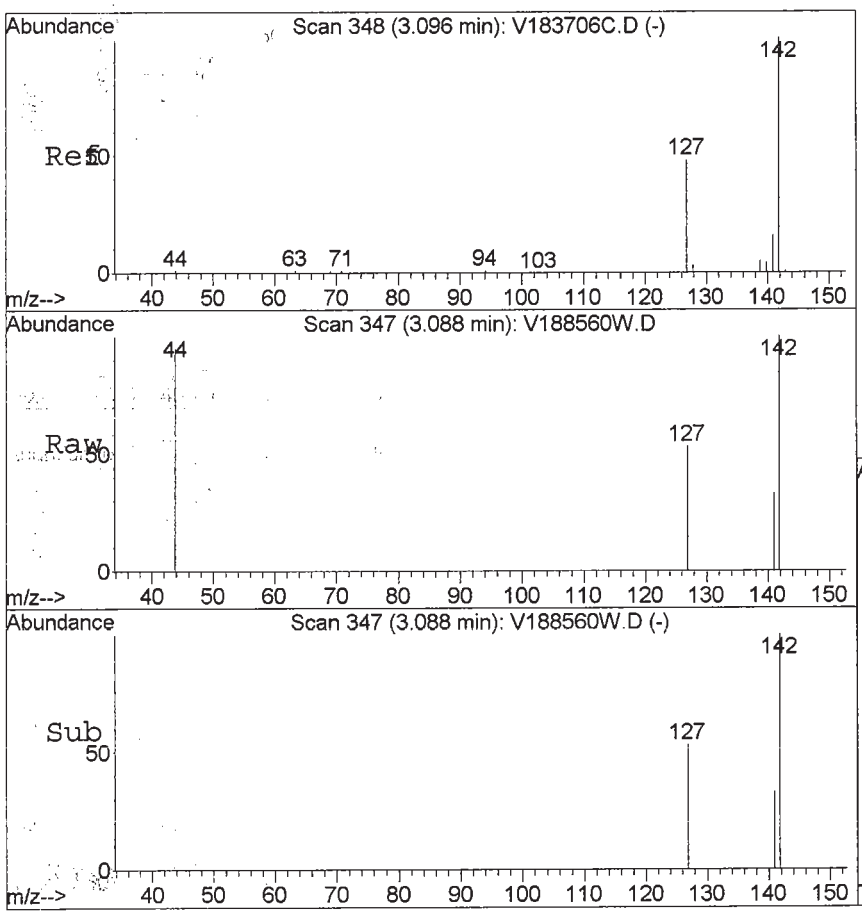


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion: 70 Resp: 129432

Ion	Ratio	Lower	Upper
70	100		
96	526.2	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

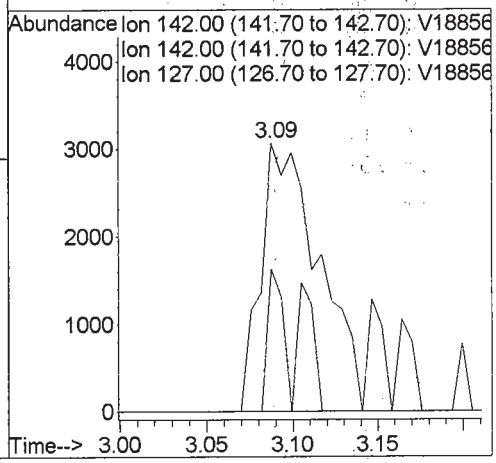


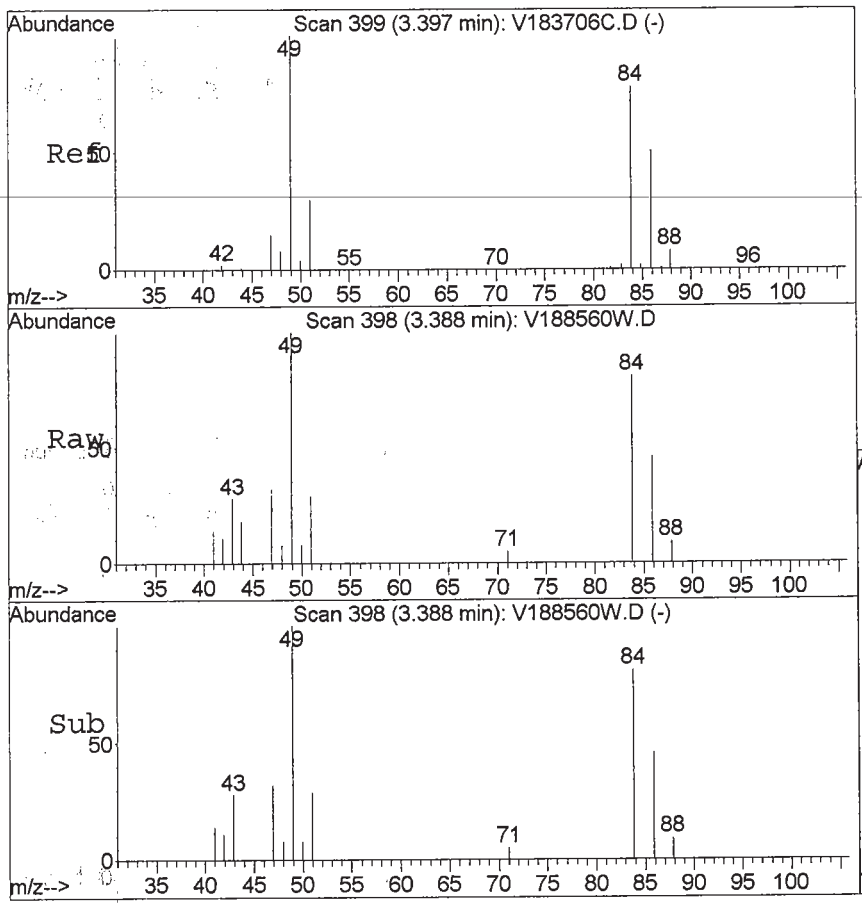


#12
Iodomethane
Concen: 1.79 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion:142 Resp: 8043

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	24.7	24.3	72.8

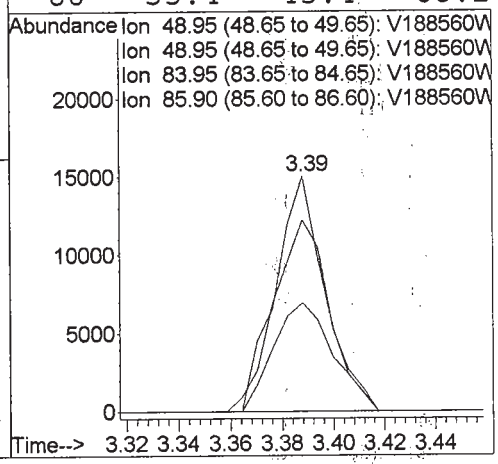


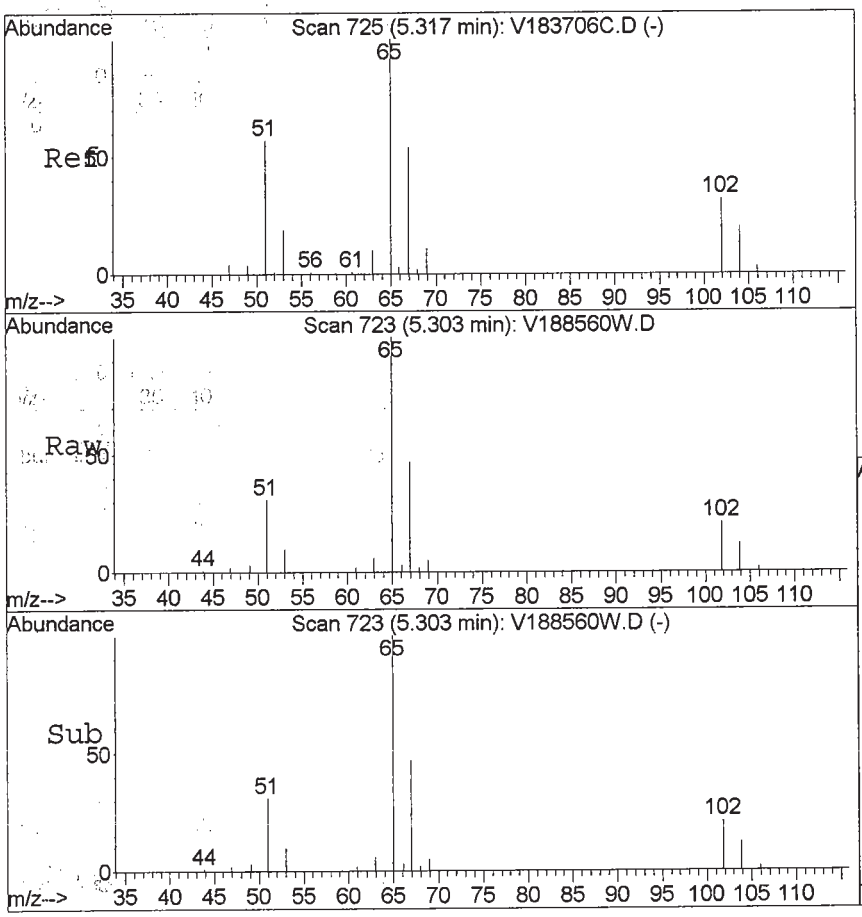


#17
Methylene Chloride
Concen: 3.35 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion: 49 Resp: 20199

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	90.2	66.3	99.5
86	55.4	45.4	68.2

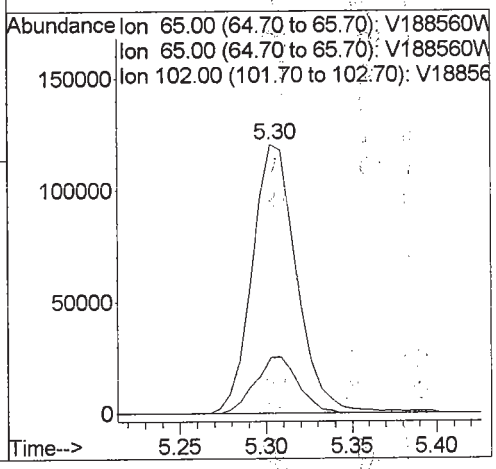


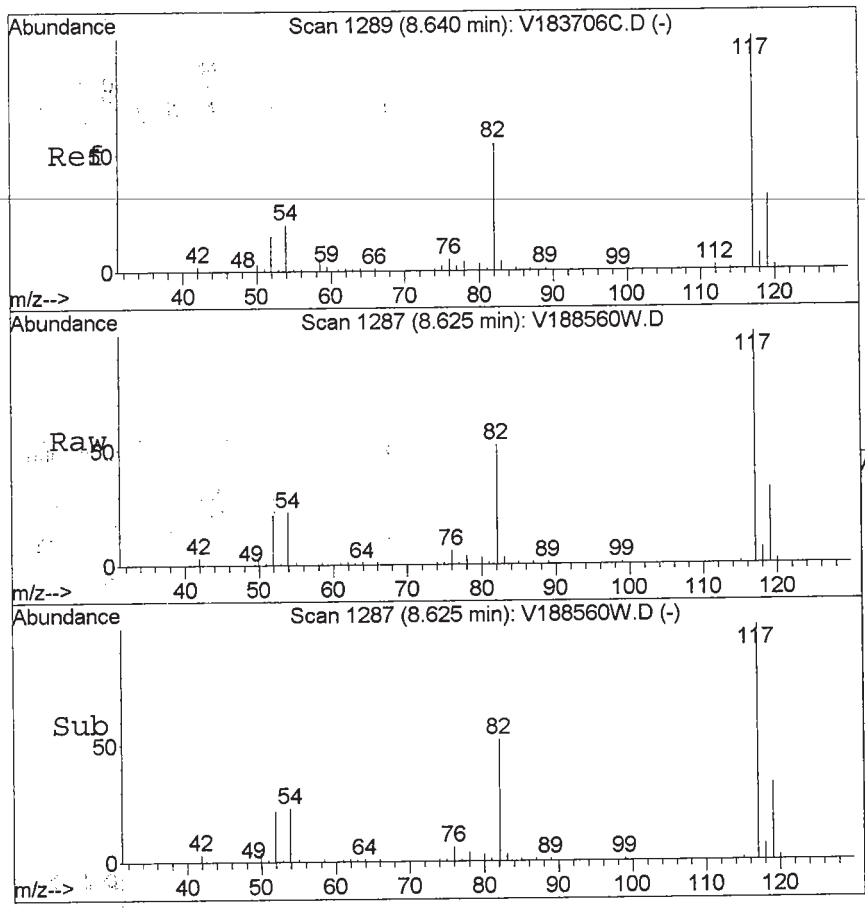


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion: 65 Resp: 215692

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.4	15.8	23.8

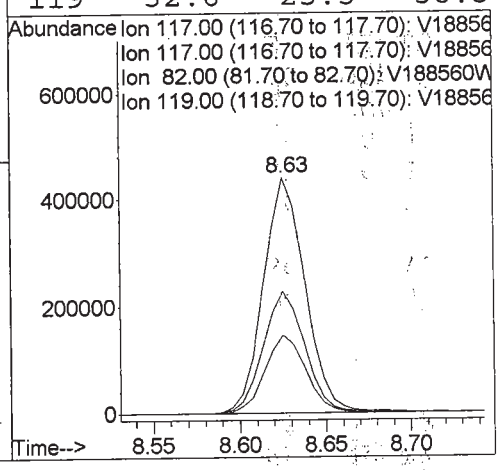


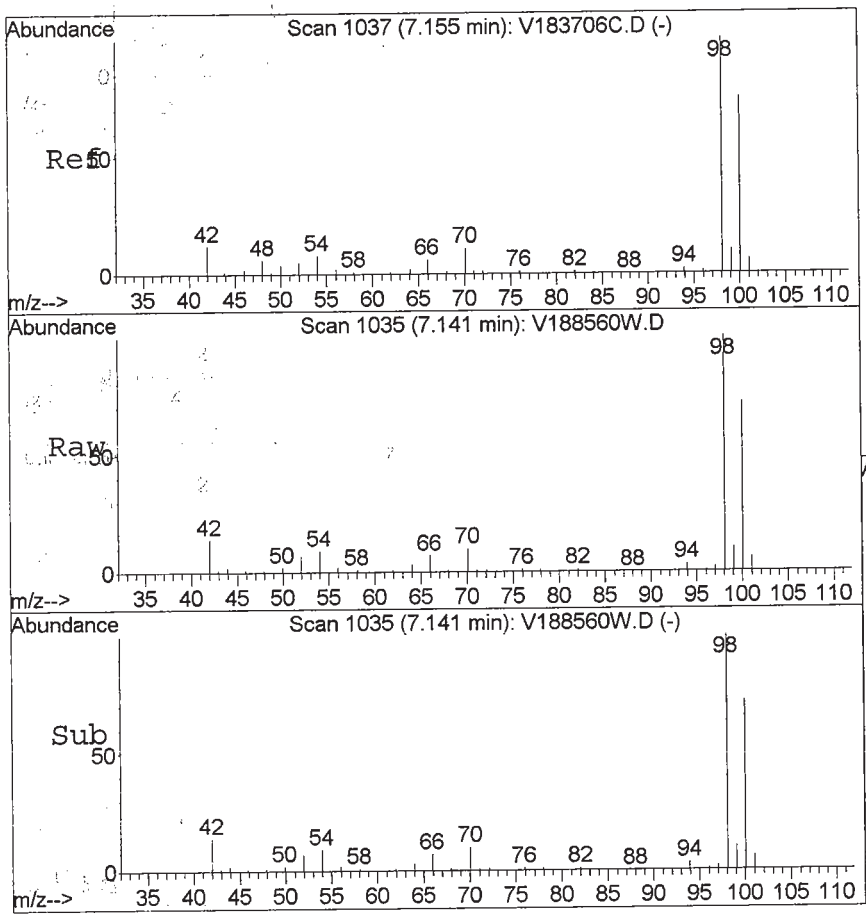


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion:117 Resp: 742840

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.6	25.5	38.3

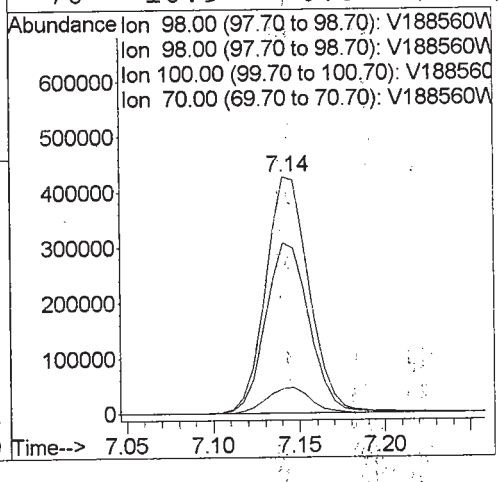


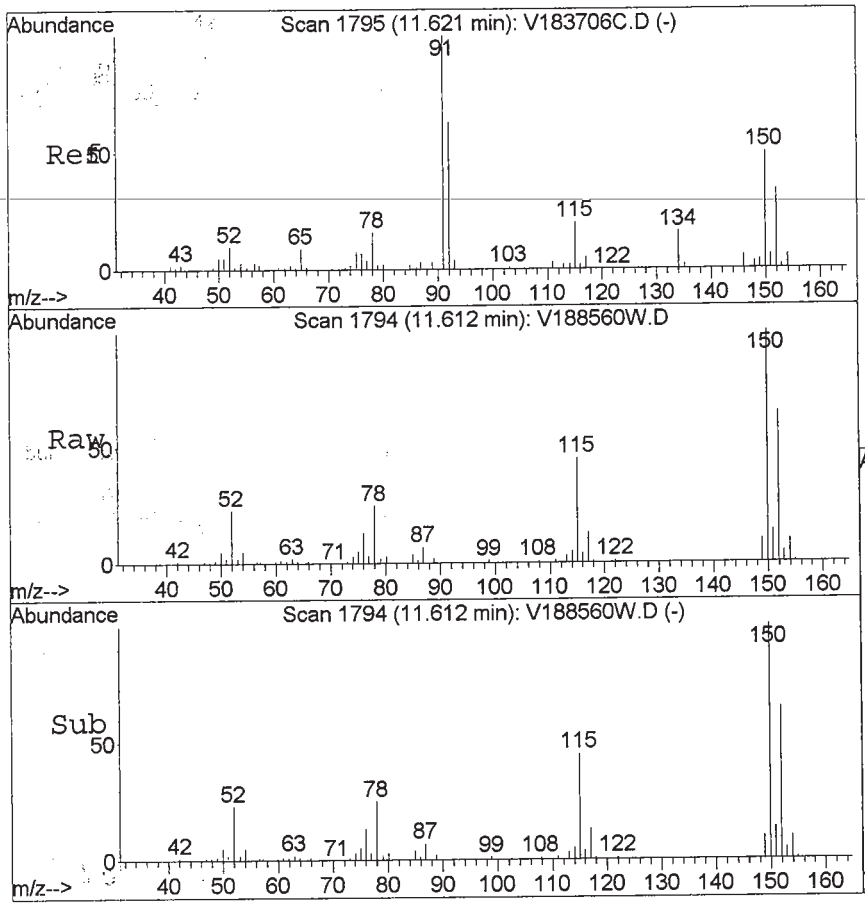


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion: 98 Resp: 748742

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	72.4	35.3	105.7
70	10.9	0.0	0.0#

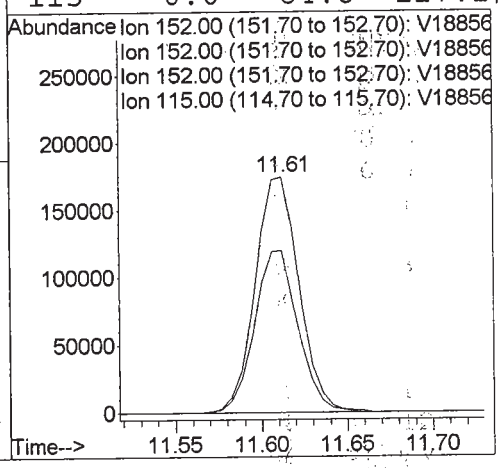


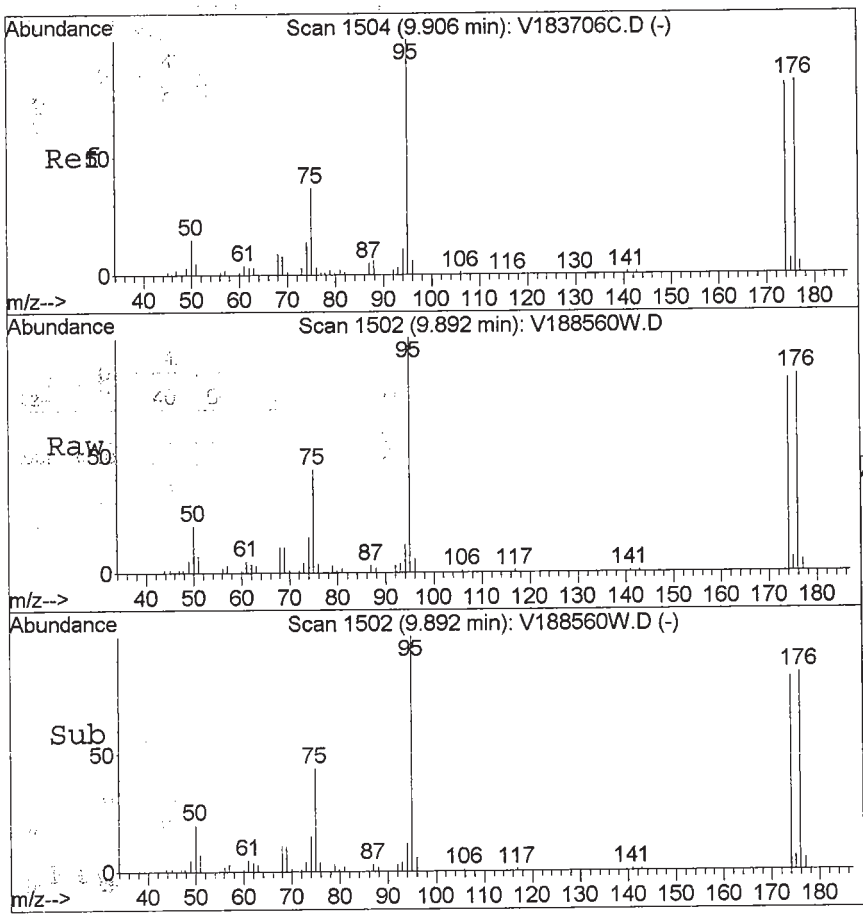


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.00 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion:152 Resp: 309688

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

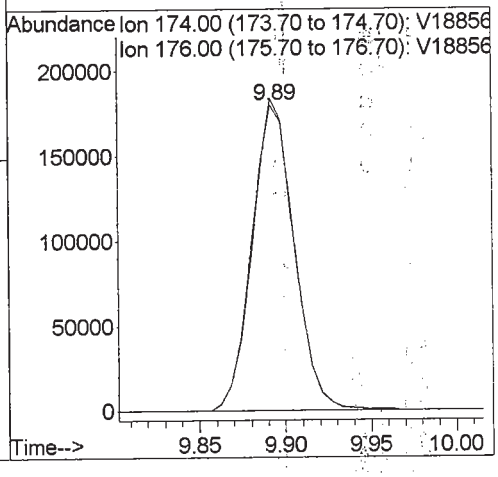




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188560W.D
Acq: 29 Apr 2013 1:56 pm

Tgt Ion:174 Resp: 312349

Ion	Ratio	Lower	Upper
174	100		
176	99.1	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7A

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-18	File ID:	V188561W.D
Sampled:	04/23/13 12:20	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 14:34
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-18 File ID: V188561W.D

Sampled: 04/23/13 12:20 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 14:34

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.3	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.4	111	72.6 - 129	
p-Bromofluorobenzene	50.0	51.1	102	63.5 - 145	
Toluene-d8	50.0	48.0	95.9	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188561W.D
Acq On : 29 Apr 2013 2:34 pm
Sample : 13D0938-18
Misc : QBV1042913A 8260 ASPB
MS Integration Params: RTEINT1.P

Vial: 10
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 30 15:11 2013 Quant Results File: V1C00360.RES

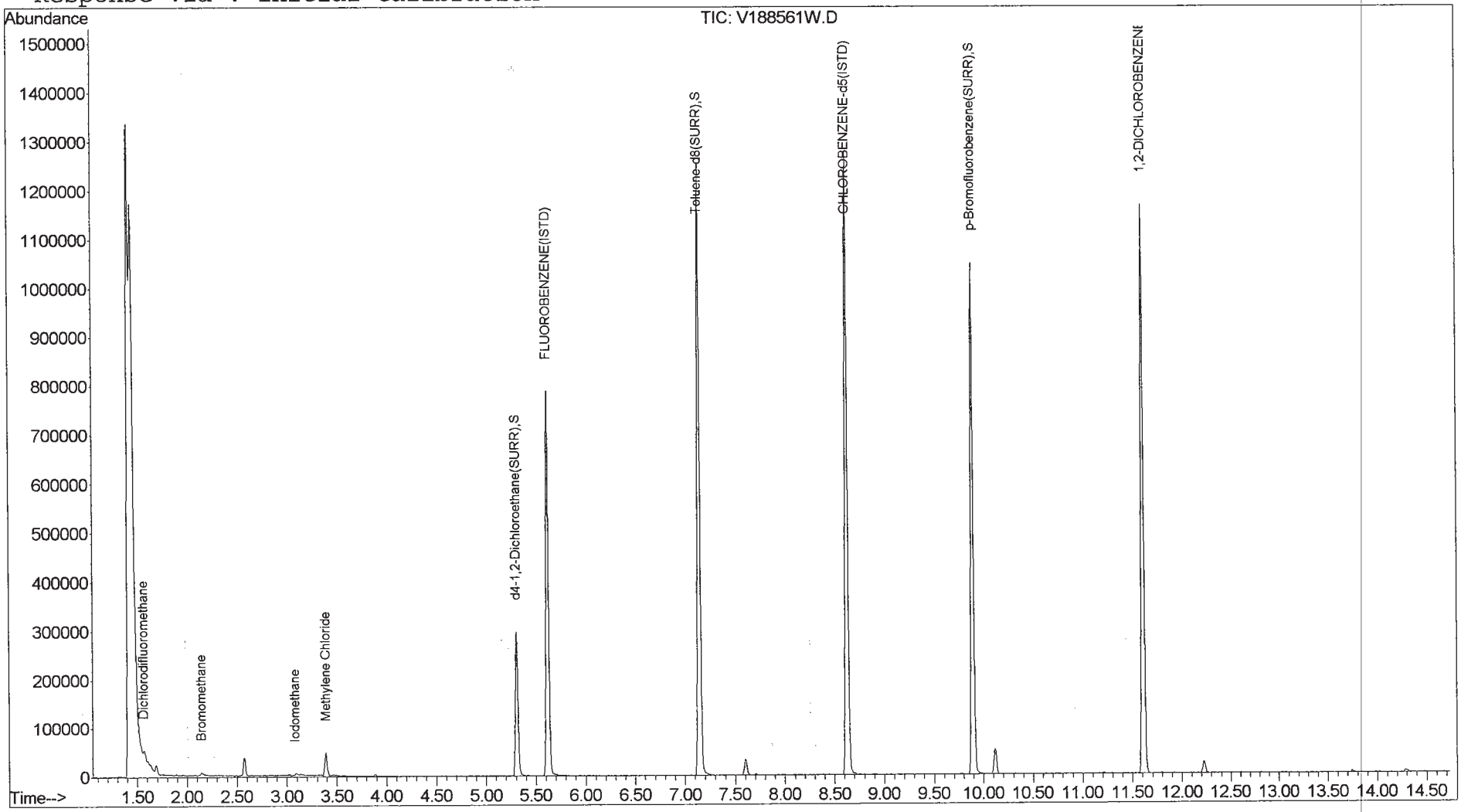
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

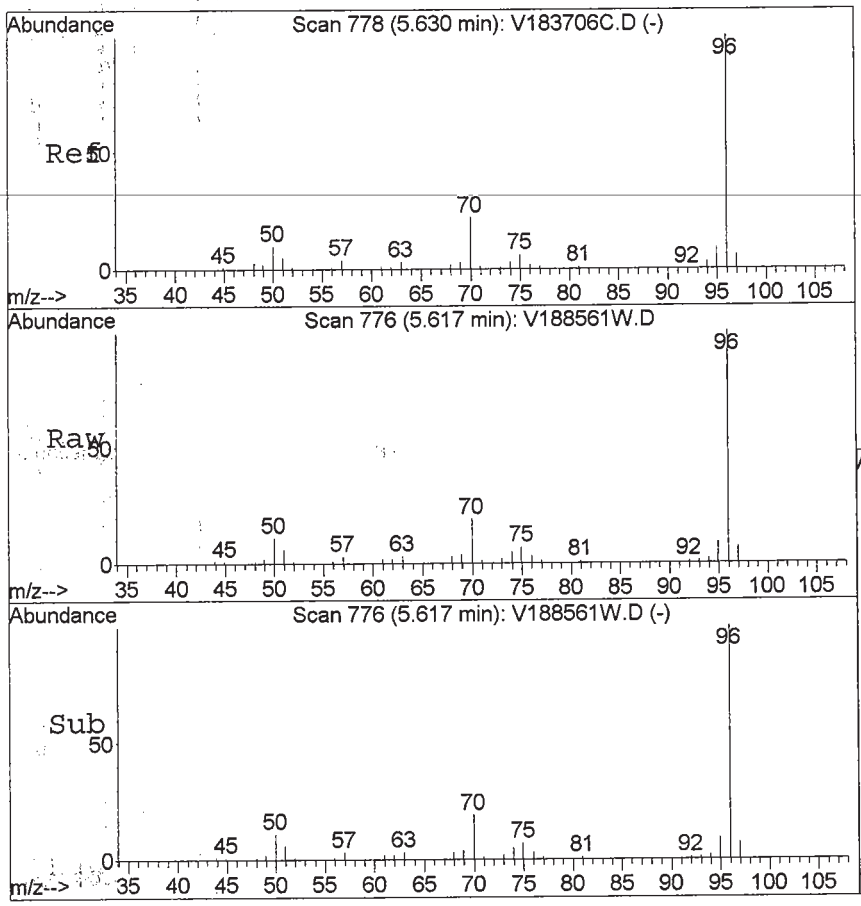
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	135904	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	775047	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	321199	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	218813	55.36	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 110.72%				
47) Toluene-d8(SURR)	7.14	98	797103	47.97	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.94%				
64) p-Bromofluorobenzene(SURR)	9.89	174	331615	51.08	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 102.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	9166	0.80	ppb		97
5) Bromomethane	2.15	94	7633	1.75	ppb	#	76
12) Iodomethane	3.09	142	6789	1.44	ppb	#	77
17) Methylene Chloride	3.39	49	20644	3.26	ppb	#	80

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188561W.D Vial: 10
Acq On : 29 Apr 2013 2:34 pm Operator: SS
Sample : 13D0938-18 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:11 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

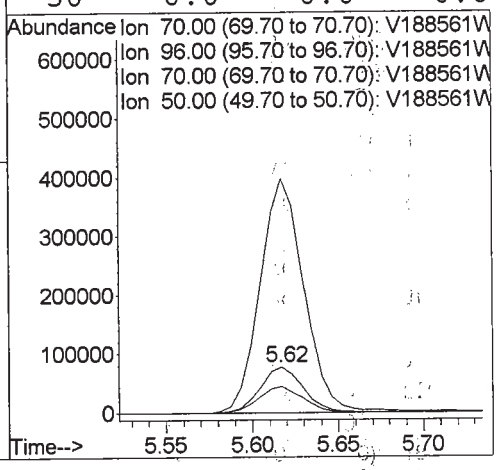


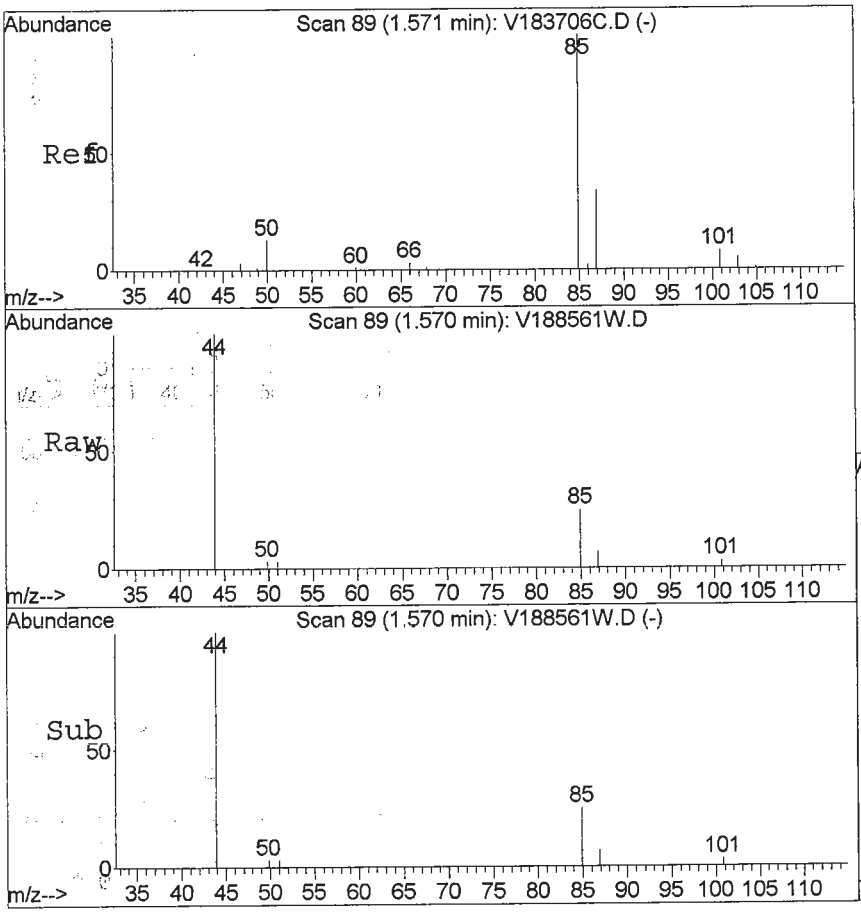


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 70 Resp: 135904

Ion	Ratio	Lower	Upper
70	100		
96	518.6	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

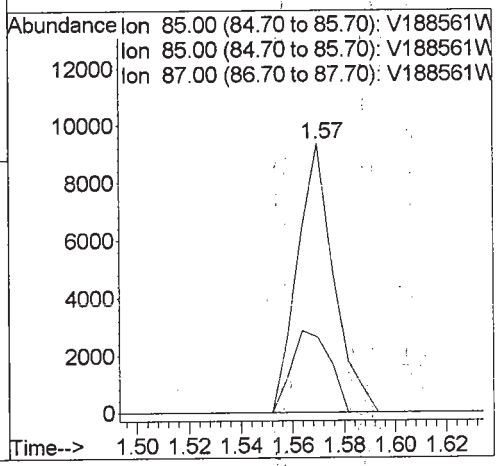


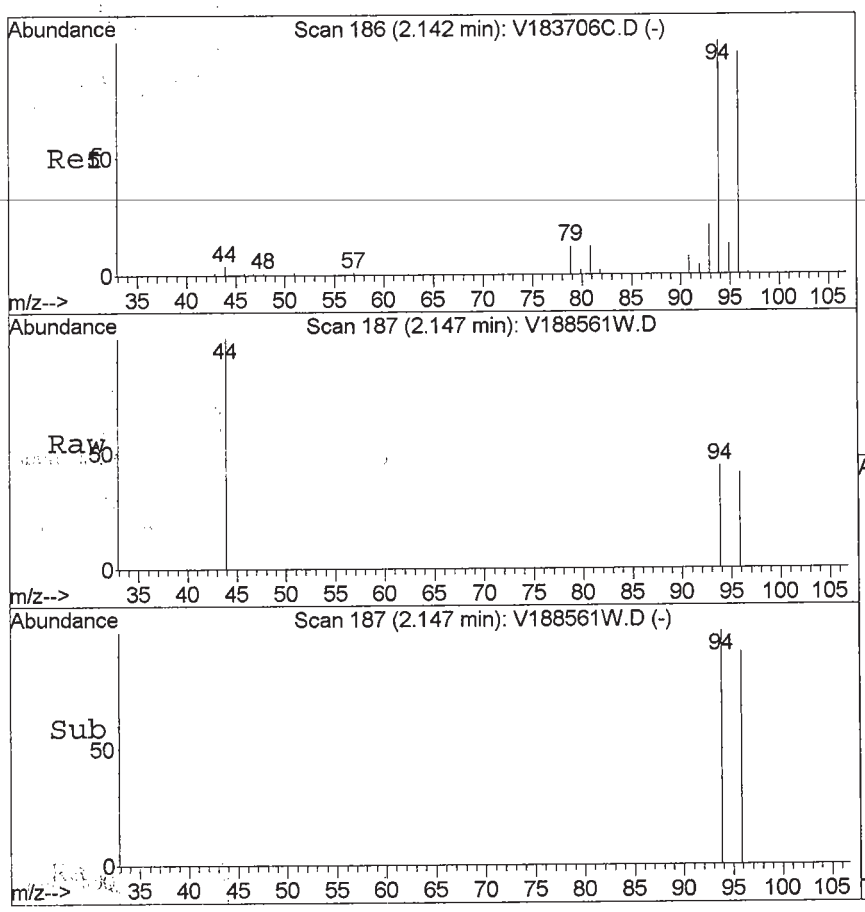


#2
Dichlorodifluoromethane
Concen: 0.80 ppb
RT: 1.57 min Scan# 89
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 85 Resp: 9166

Ion	Ratio	Lower	Upper
85	100		
85	100.0	70.0	130.0
87	28.2	17.3	51.7

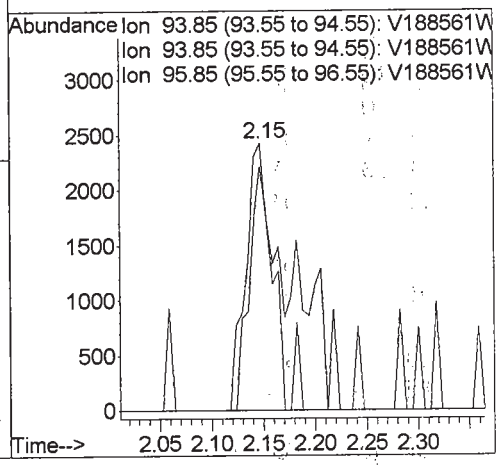


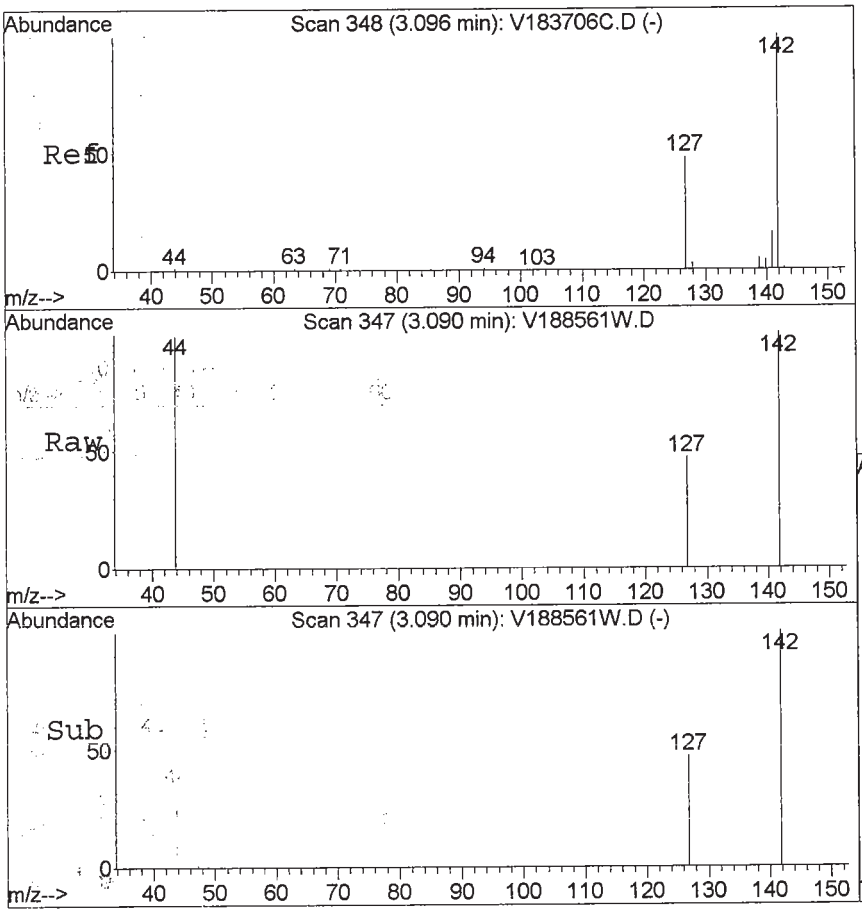


#5
Bromomethane
Concen: 1.75 ppb
RT: 2.15 min Scan# 187
Delta R.T. 0.00 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 94 Resp: 7633

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	49.2	77.5	116.3#

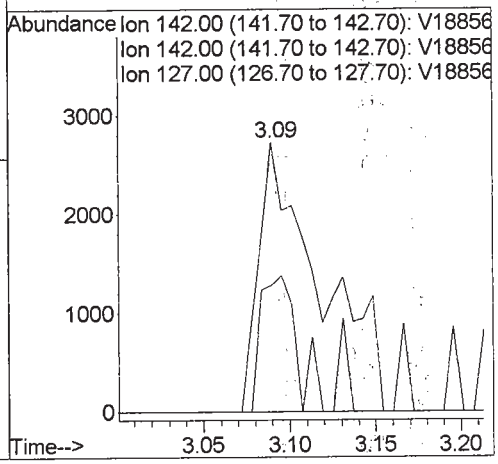


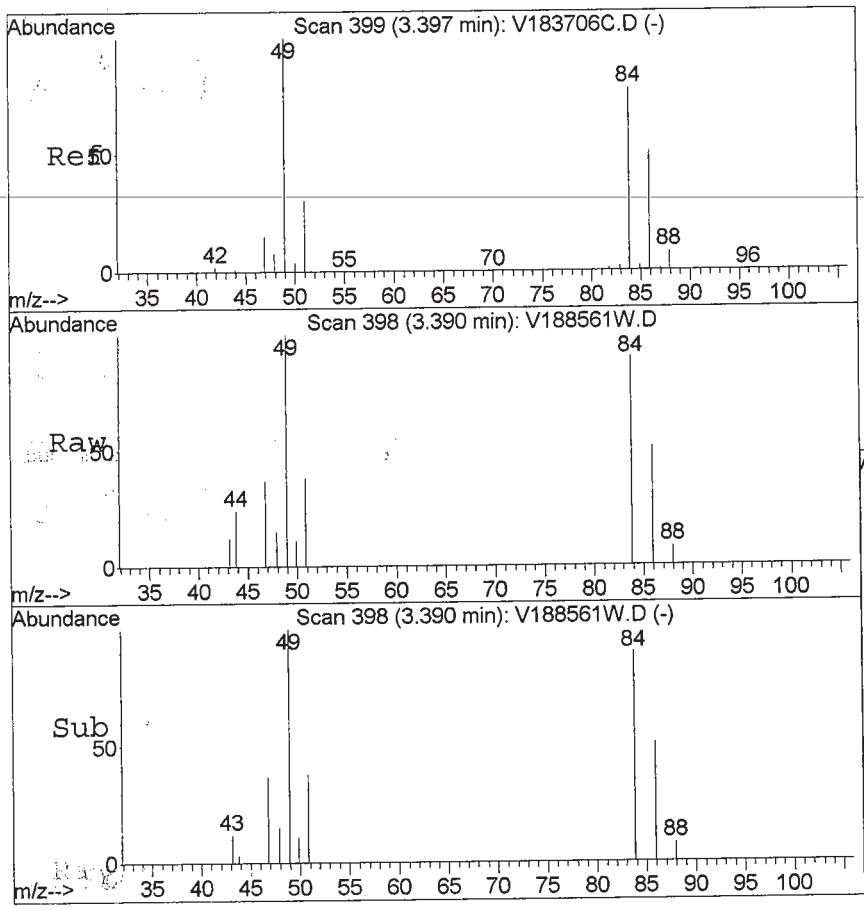


#12
Iodomethane
Concen: 1.44 ppb
RT: 3.09 min Scan# 347
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion:142 Resp: 6789

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	0.0	24.3	72.8#

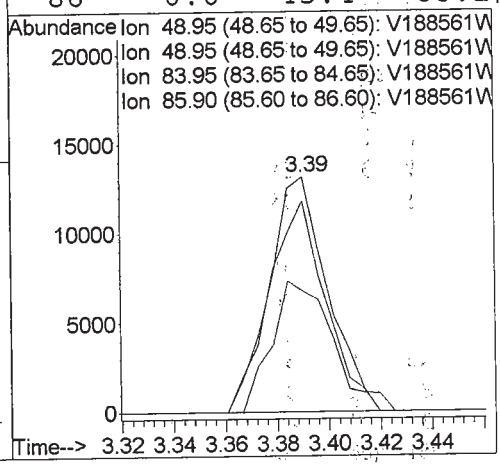


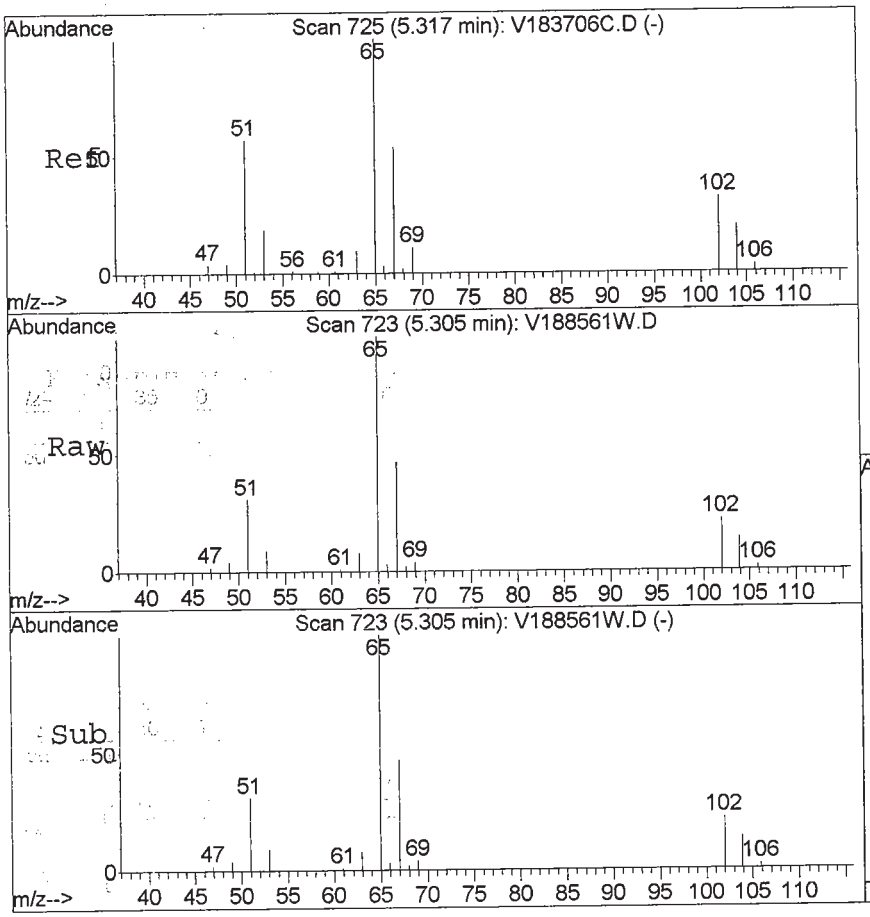


#17
Methylene Chloride
Concen: 3.26 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 49 Resp: 20644

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	87.5	66.3	99.5
86	0.0	45.4	68.2#

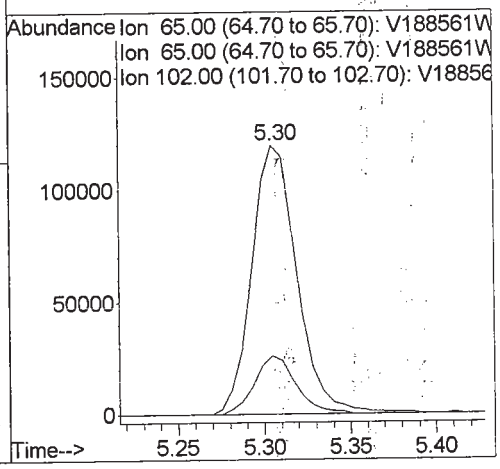


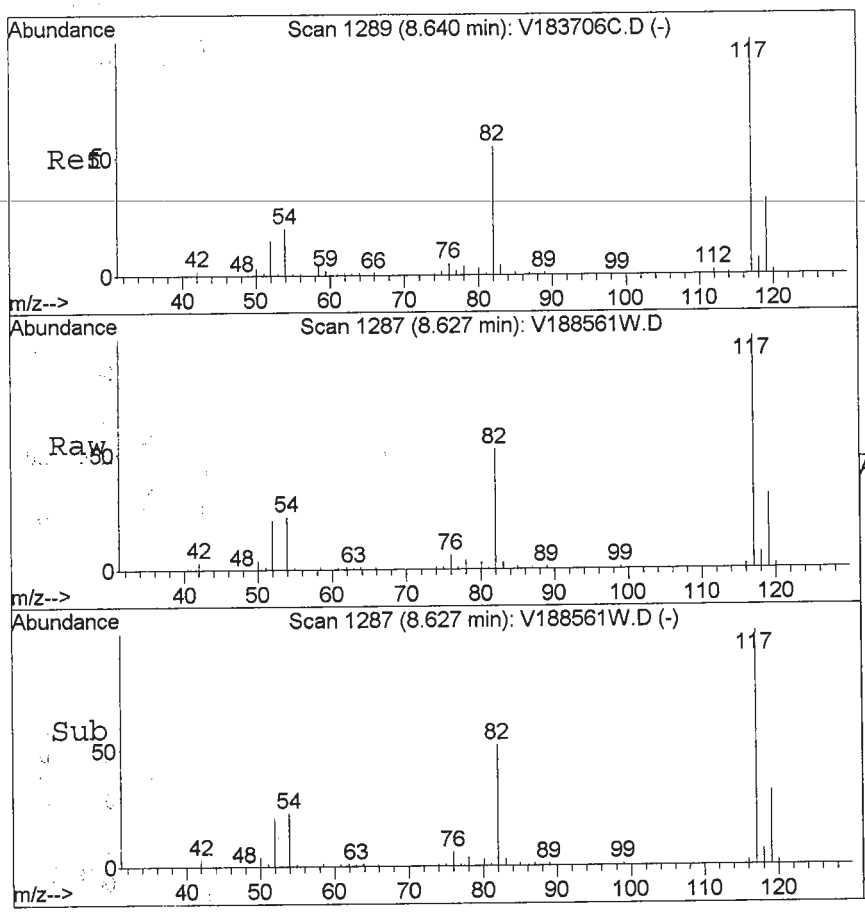


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 65 Resp: 218813

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.3	15.8	23.8

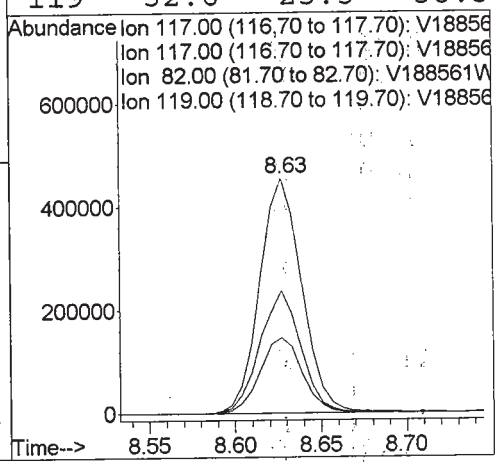


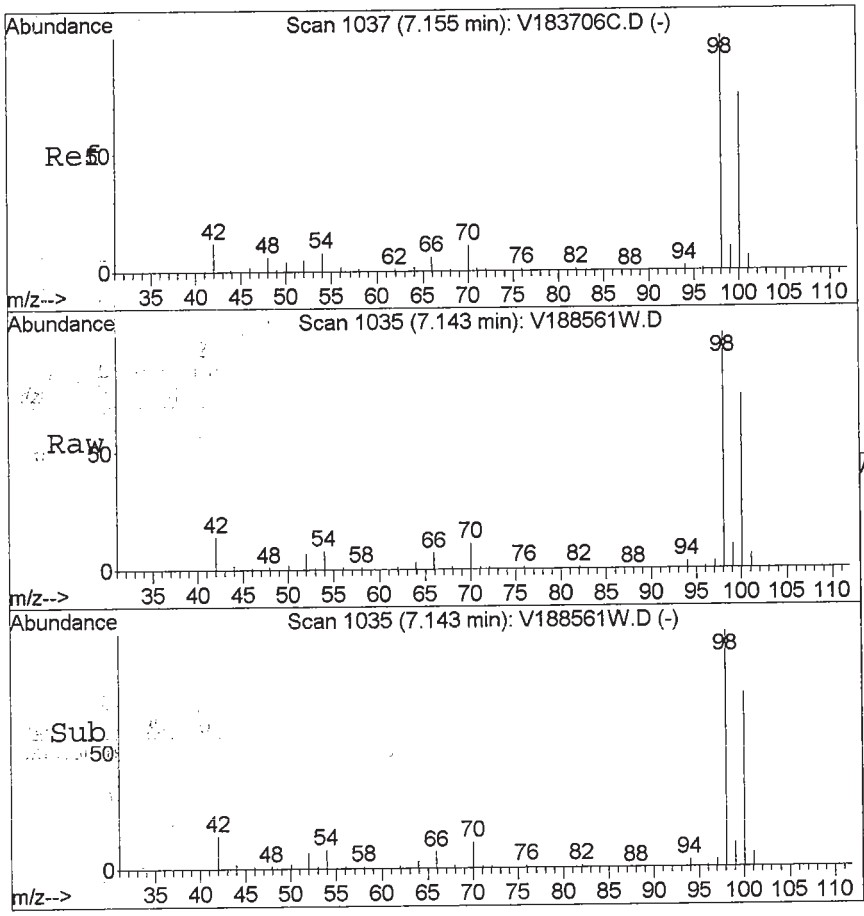


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion:117 Resp: 775047

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.6	25.5	38.3

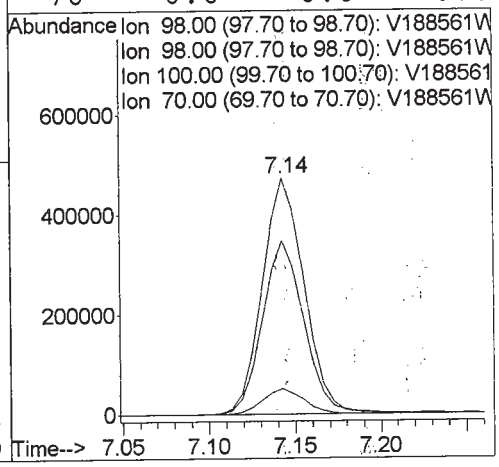


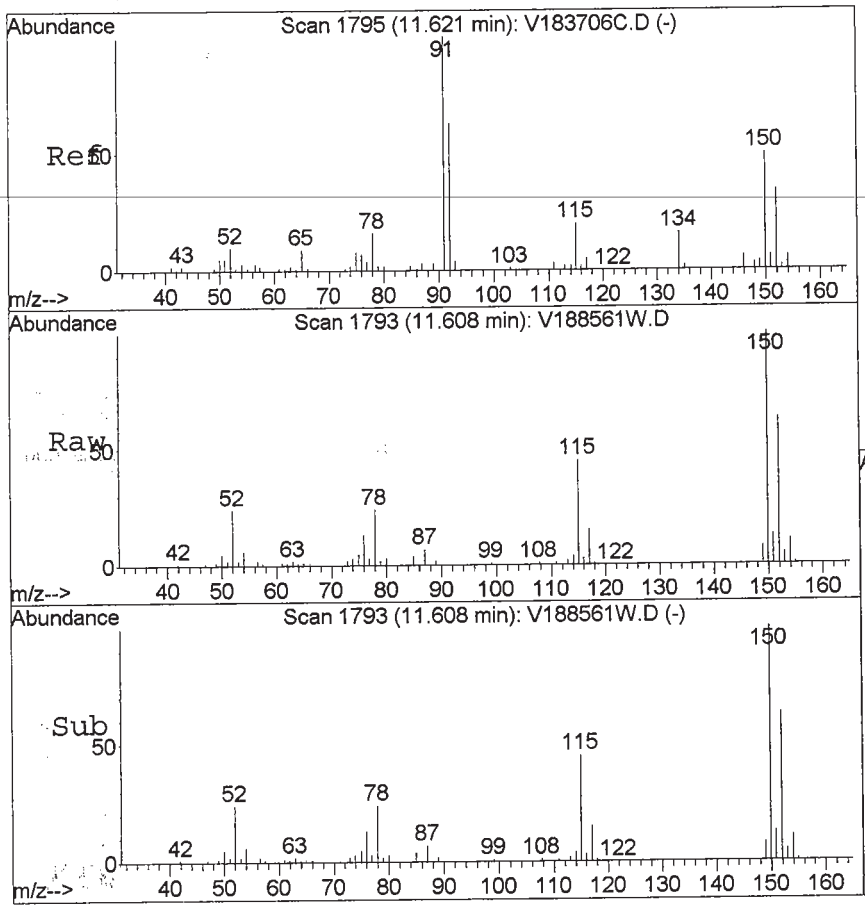


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion: 98 Resp: 797103

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	72.8	35.3	105.7
70	0.0	0.0	0.0

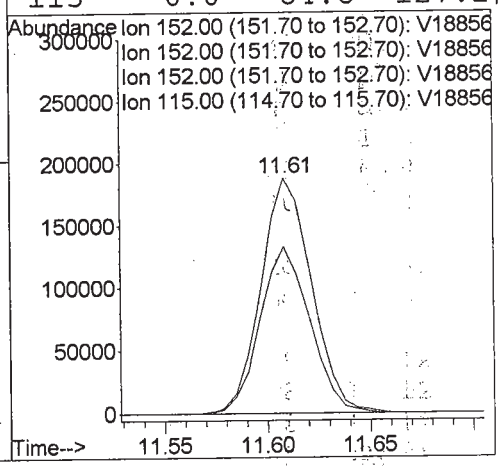


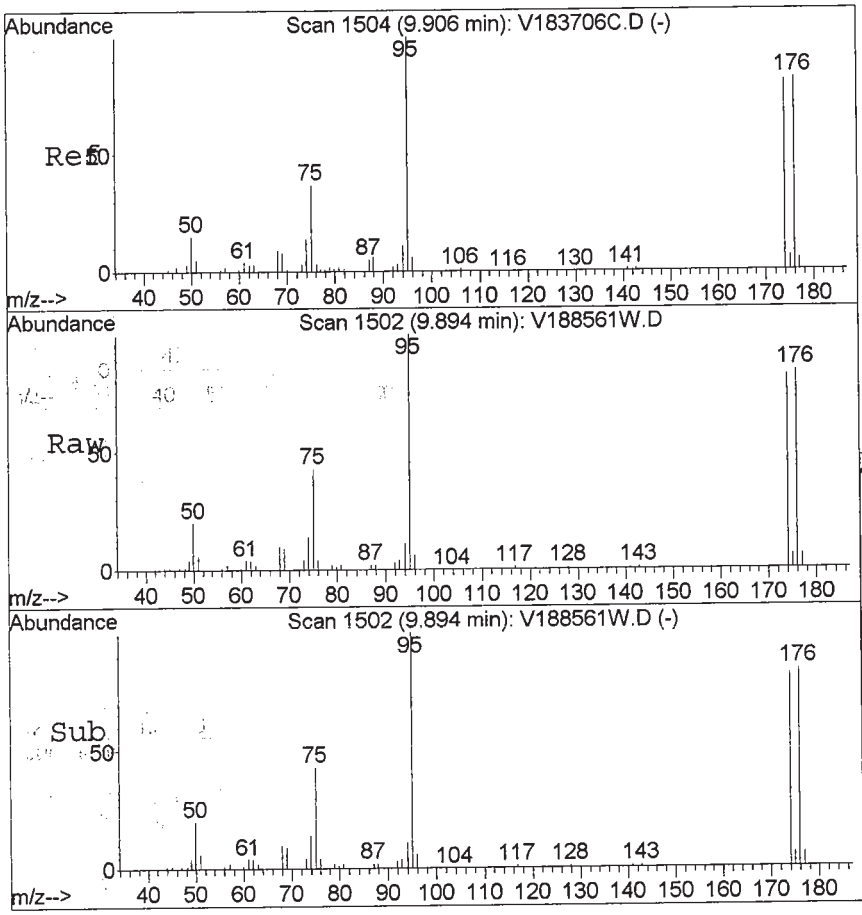


#62
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion:152 Resp: 321199

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

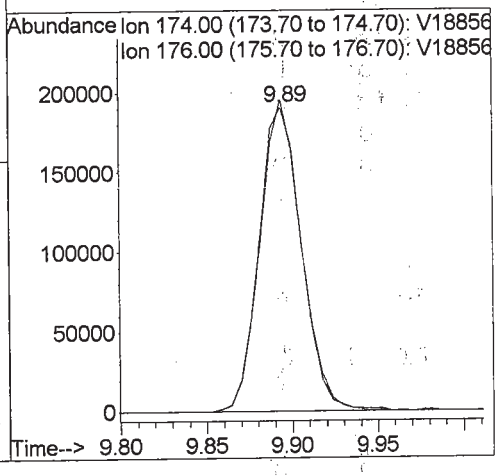




#64
p-Bromofluorobenzene (SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188561W.D
Acq: 29 Apr 2013 2:34 pm

Tgt Ion:174 Resp: 331615

Ion	Ratio	Lower	Upper
174	100		
176	97.9	77.4	116.0



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-19 File ID: V188562W.D

Sampled: 04/23/13 12:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 15:13

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	2.5	J
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-19 File ID: V188562W.D

Sampled: 04/23/13 12:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 15:13

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.8	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.4	115	72.6 - 129	
p-Bromofluorobenzene	50.0	49.5	99.1	63.5 - 145	
Toluene-d8	50.0	47.4	94.8	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188562W.D
Acq On : 29 Apr 2013 3:13 pm
Sample : 13D0938-19
Misc : QBV1042913A 8260 ASPB
MS Integration Params: RTEINT1.P

Vial: 11
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 30 15:12 2013 Quant Results File: V1C00360.RES

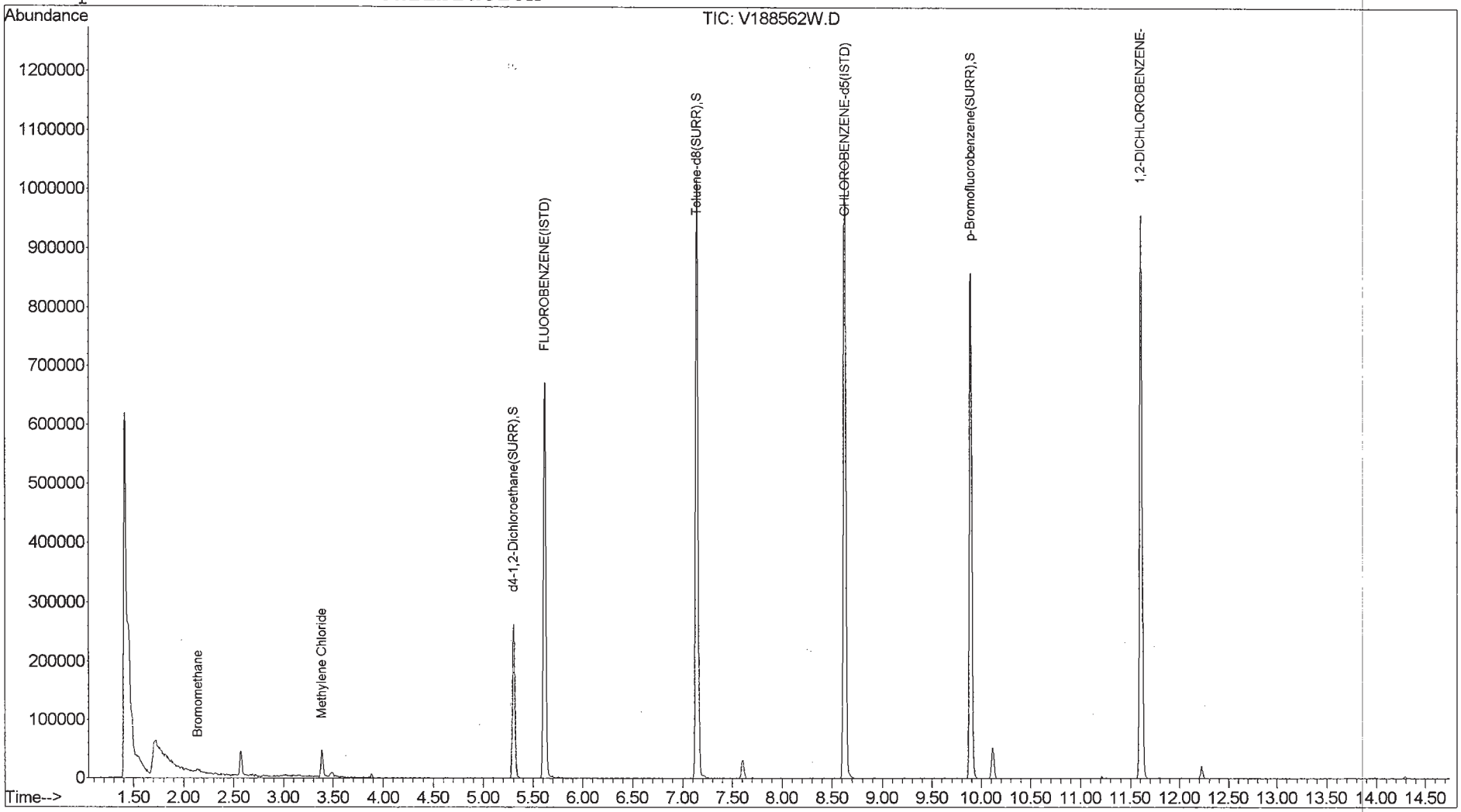
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

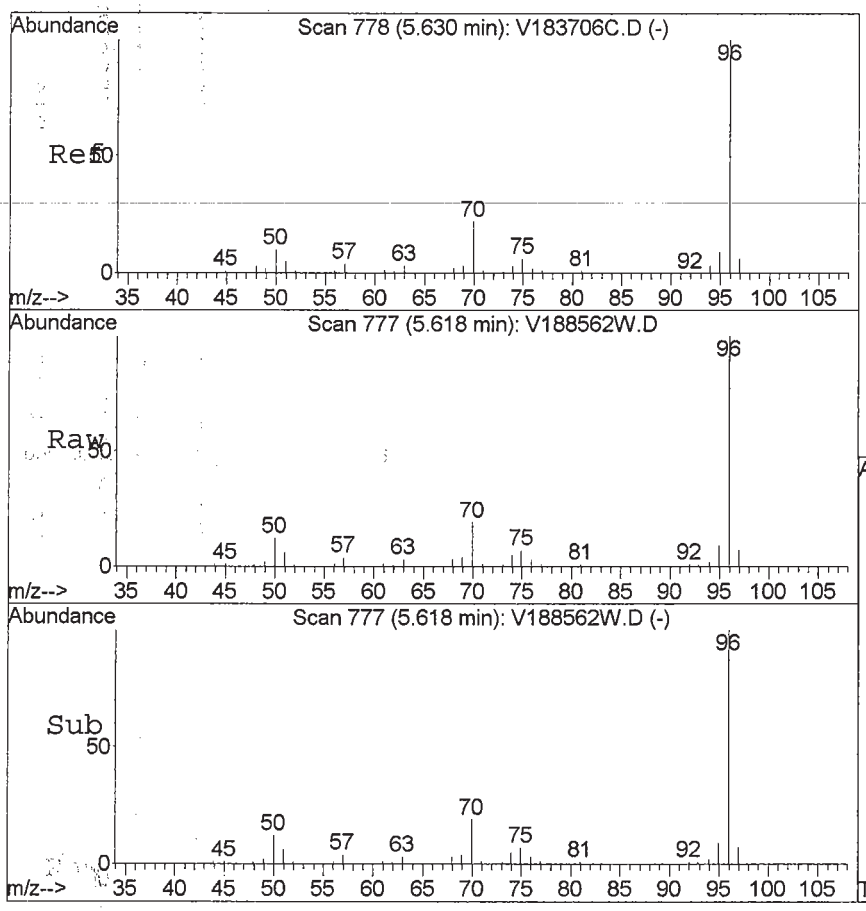
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	110567	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	651395	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	275275	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	184656	57.43	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.86%			
47) Toluene-d8(SURR)	7.14	98	661793	47.39	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.78%			
64) p-Bromofluorobenzene(SURR)	9.89	174	275602	49.53	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.06%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	9031	2.54	ppb	# 72
17) Methylene Chloride	3.39	49	19359	3.76	ppb	95

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188562W.D Vial: 11
Acq On : 29 Apr 2013 3:13 pm Operator: SS
Sample : 13D0938-19 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:12 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

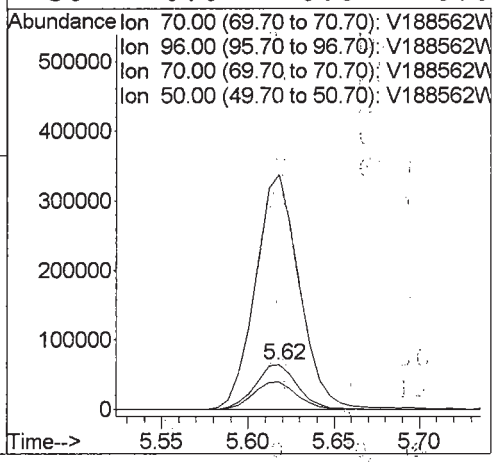


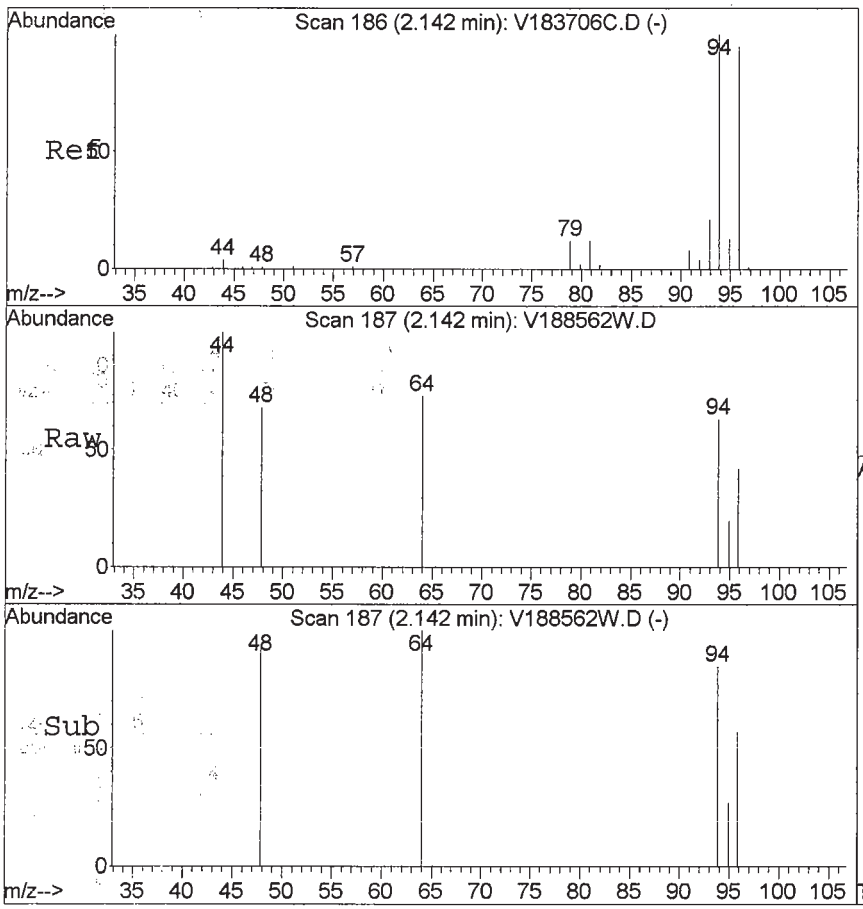


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. -0.00 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 70 Resp: 110567

Ion	Ratio	Lower	Upper
70	100		
96	540.8	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

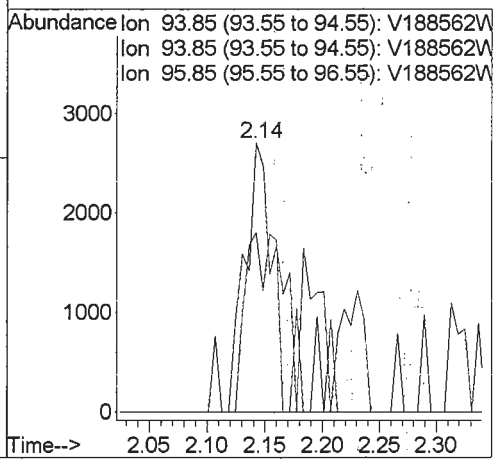


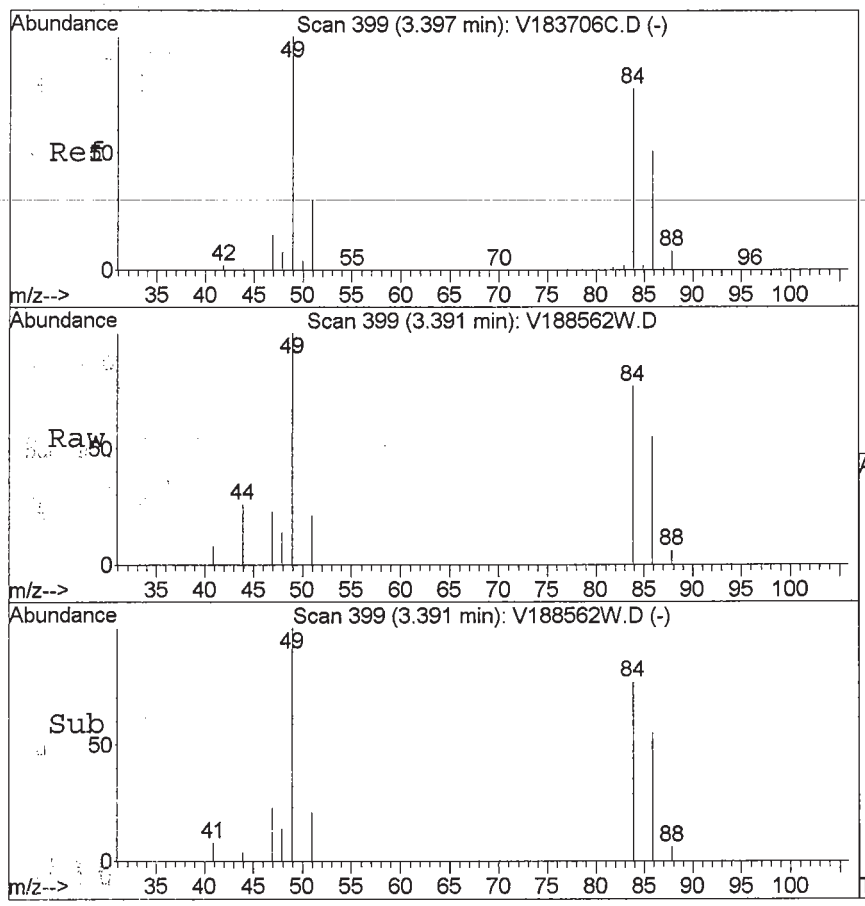


#5
Bromomethane
Concen: 2.54 ppb
RT: 2.14 min Scan# 187
Delta R.T. -0.00 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 94 Resp: 9031

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	40.1	77.5	116.3#

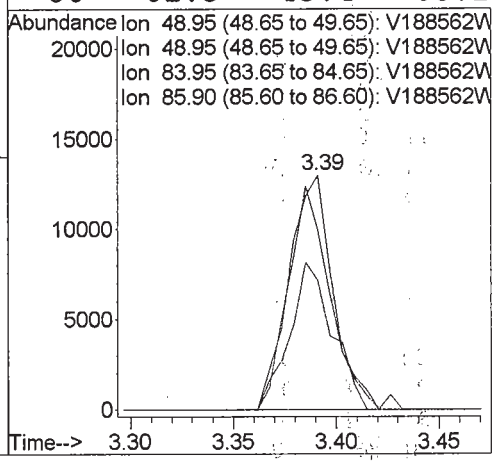


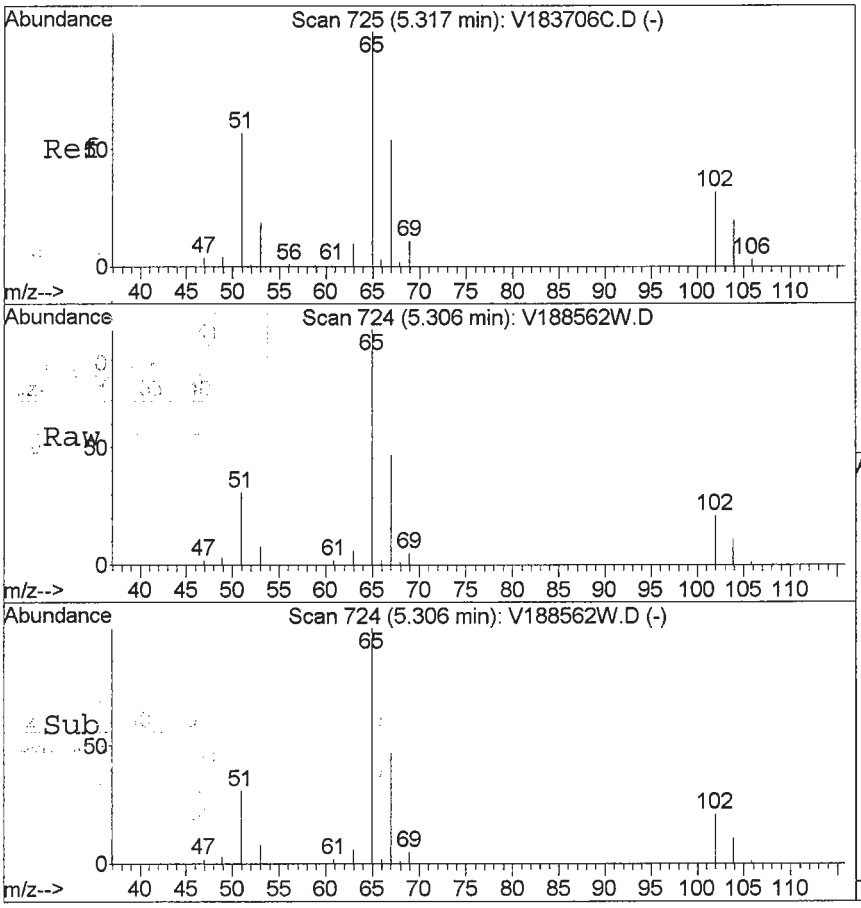


#17
Methylene Chloride
Concen: 3.76 ppb
RT: 3.39 min Scan# 399
Delta R.T. -0.01 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 49 Resp: 19359

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	91.2	66.3	99.5
86	61.3	45.4	68.2

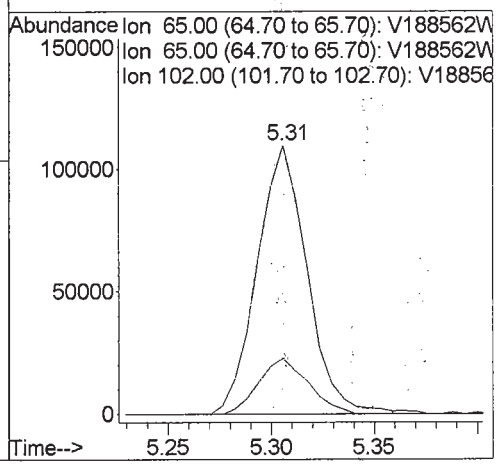


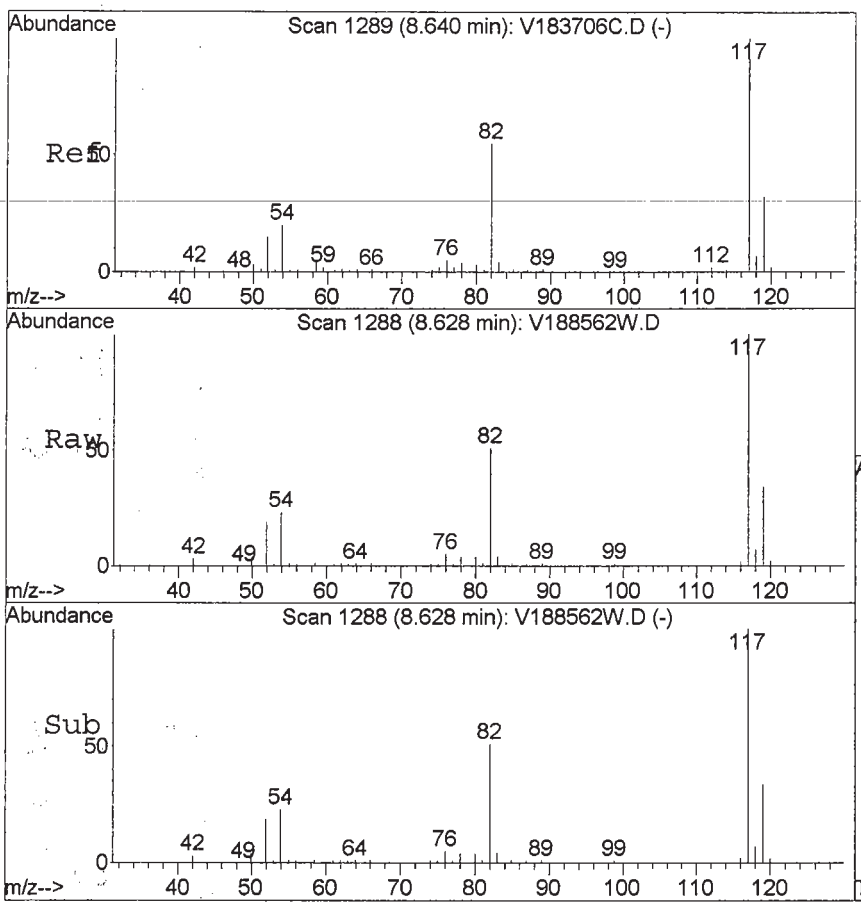


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 65 Resp: 184656

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.8	15.8	23.8

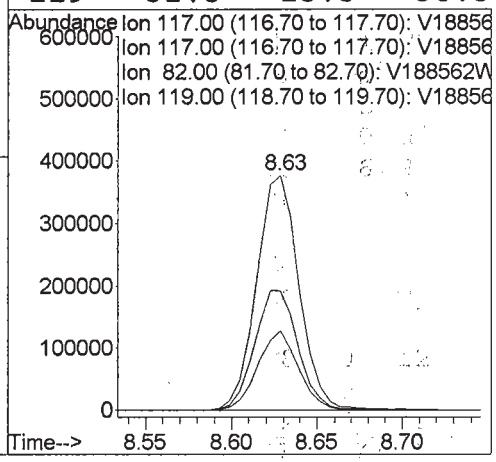


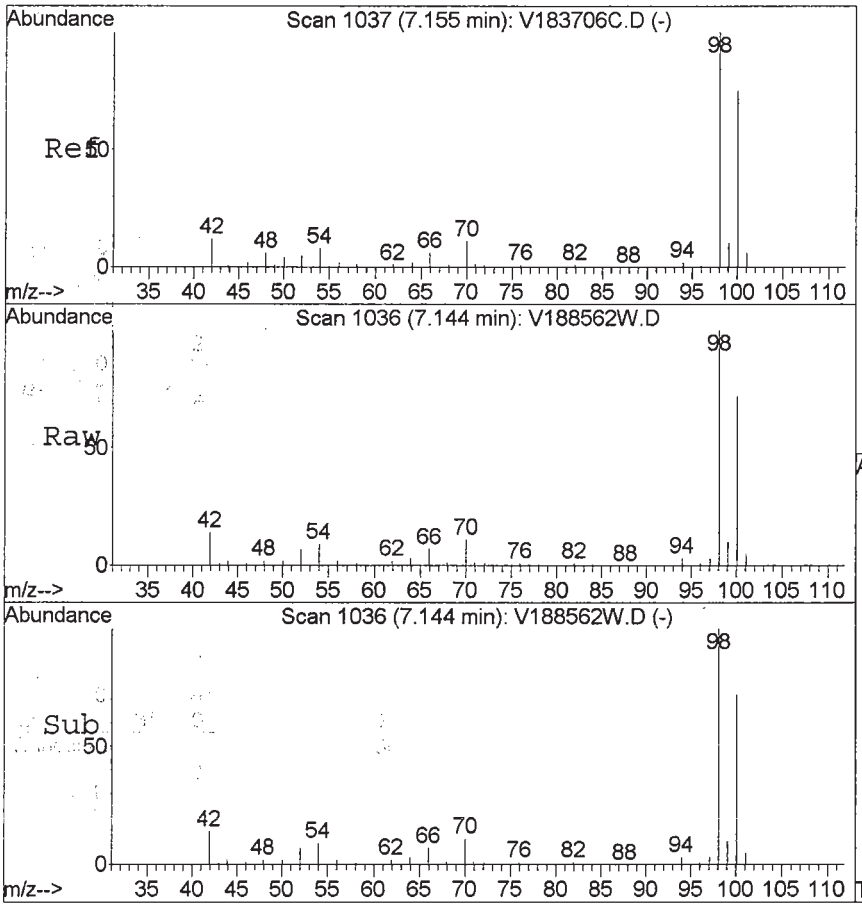


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. -0.00 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion:117 Resp: 651395

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.5	25.5	38.3

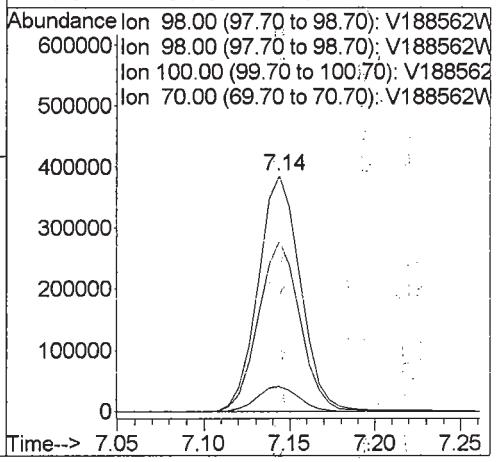


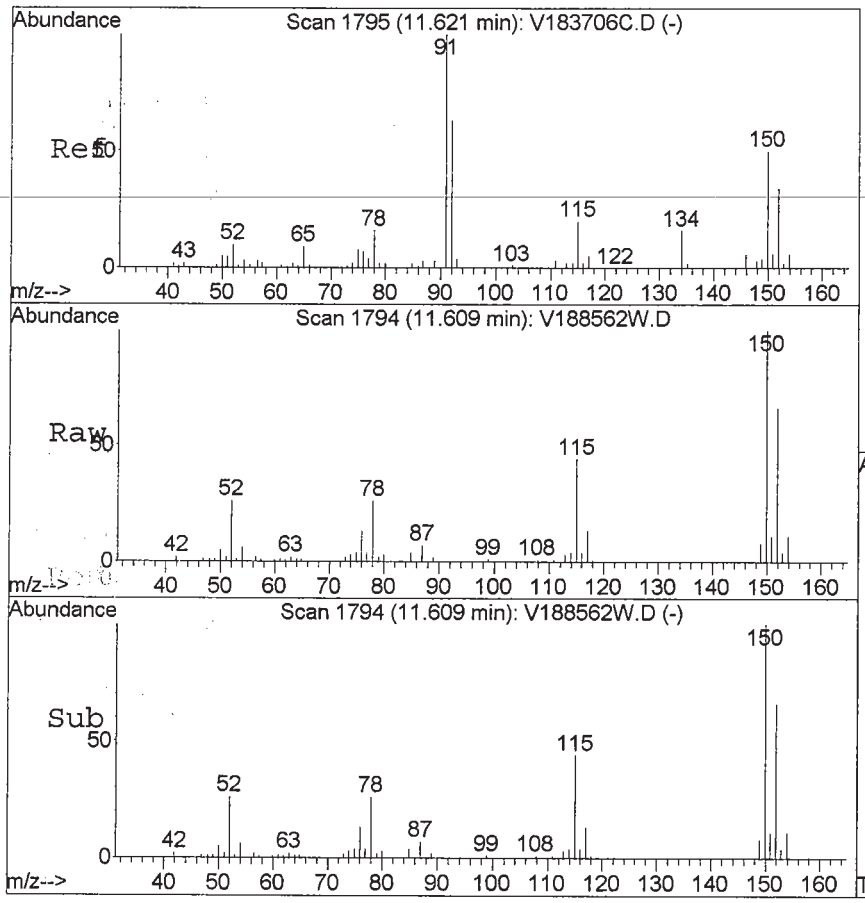


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion: 98 Resp: 661793

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.4	35.3	105.7
70	0.0	0.0	0.0

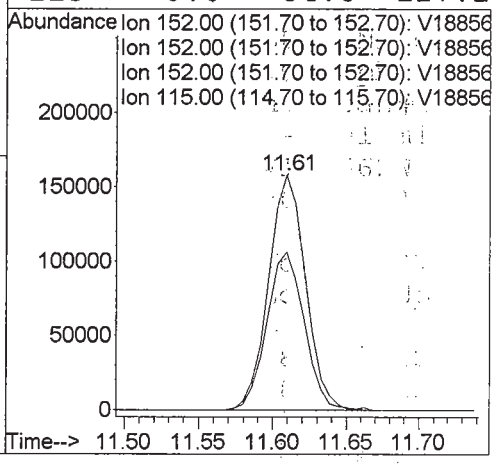


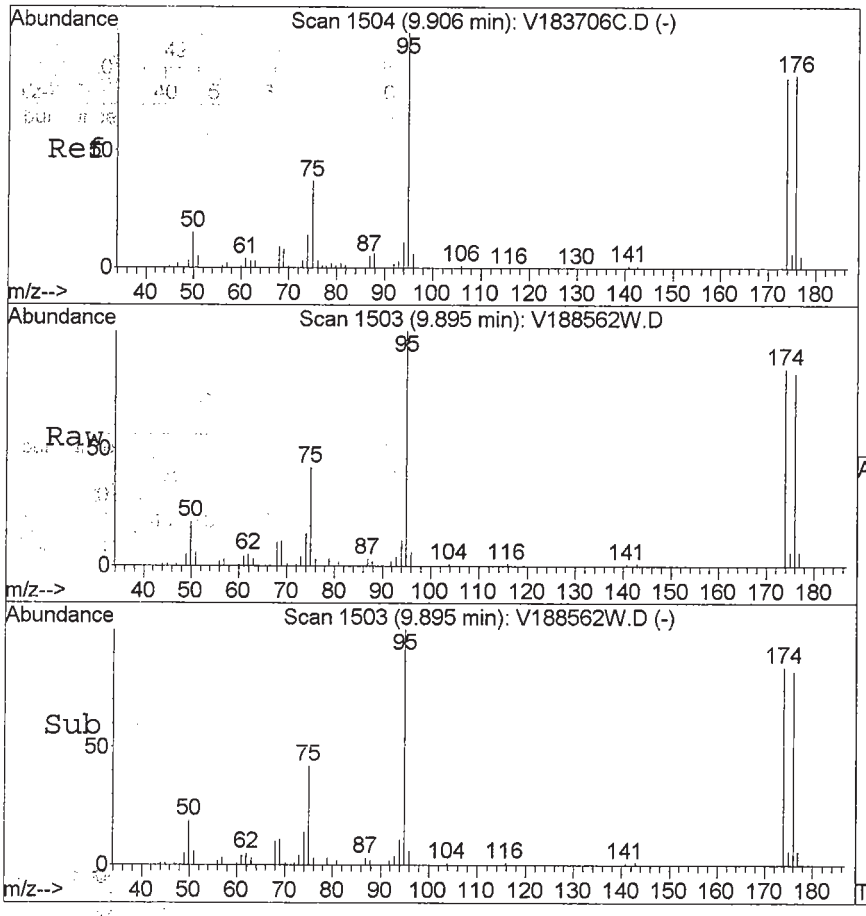


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion:152 Resp: 275275

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

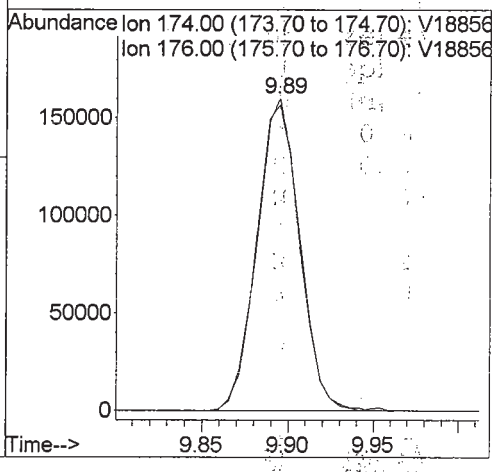




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1503
Delta R.T. -0.00 min
Lab File: V188562W.D
Acq: 29 Apr 2013 3:13 pm

Tgt Ion:174 Resp: 275602

Ion	Ratio	Lower	Upper
174	100		
176	99.0	77.4	116.0



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

FB-Field Blank

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-20	File ID:	V188563W.D
Sampled:	04/23/13 09:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 15:51
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

FB-Field Blank

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-20	File ID:	V188563W.D
Sampled:	04/23/13 09:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 15:51
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.6	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.1	114	72.6 - 129	
p-Bromofluorobenzene	50.0	50.7	101	63.5 - 145	
Toluene-d8	50.0	47.8	95.5	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188563W.D Vial: 12
Acq On : 29 Apr 2013 3:51 pm Operator: SS
Sample : 13D0938-20 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

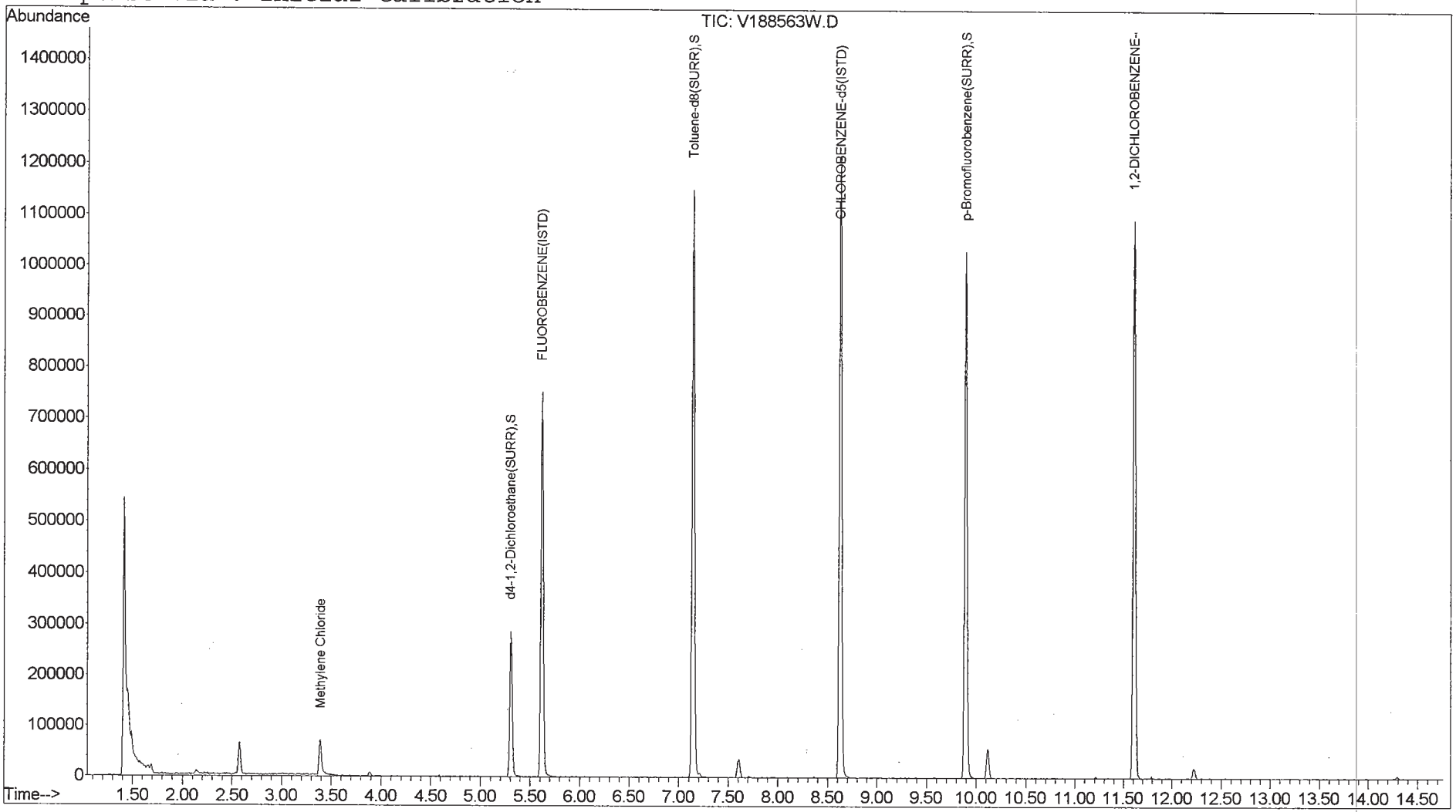
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

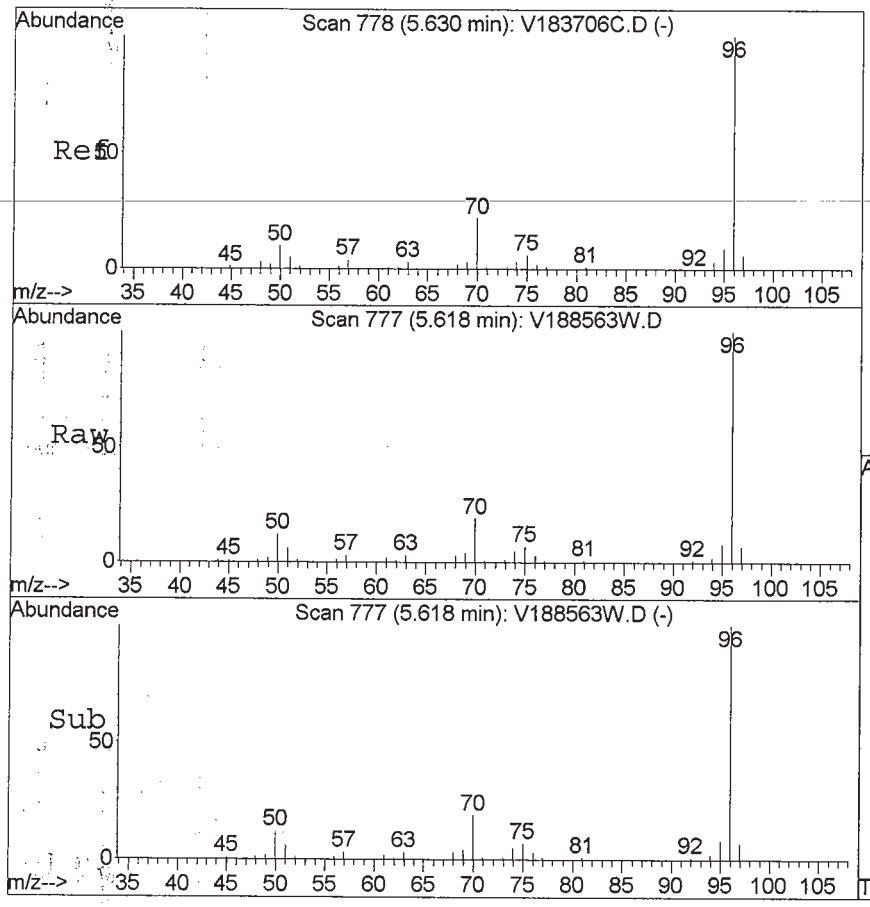
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	125705	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	728928	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	309505	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	208681	57.08	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.16%			
47) Toluene-d8(SURR)	7.14	98	746375	47.76	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.52%			
64) p-Bromofluorobenzene(SURR)	9.89	174	317240	50.71	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.42%			
Target Compounds						Qvalue
17) Methylene Chloride	3.39	49	32741	5.59	ppb	# 81

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188563W.D Vial: 12
Acq On : 29 Apr 2013 3:51 pm Operator: SS
Sample : 13D0938-20 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

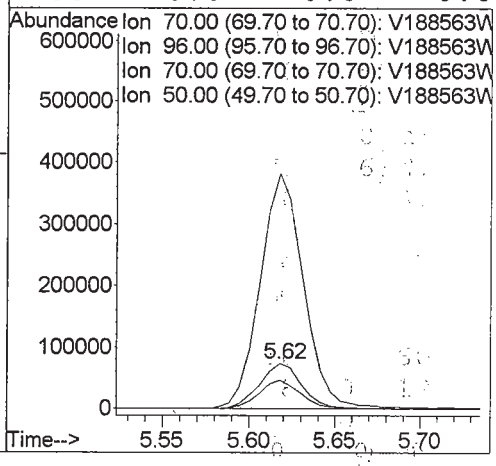


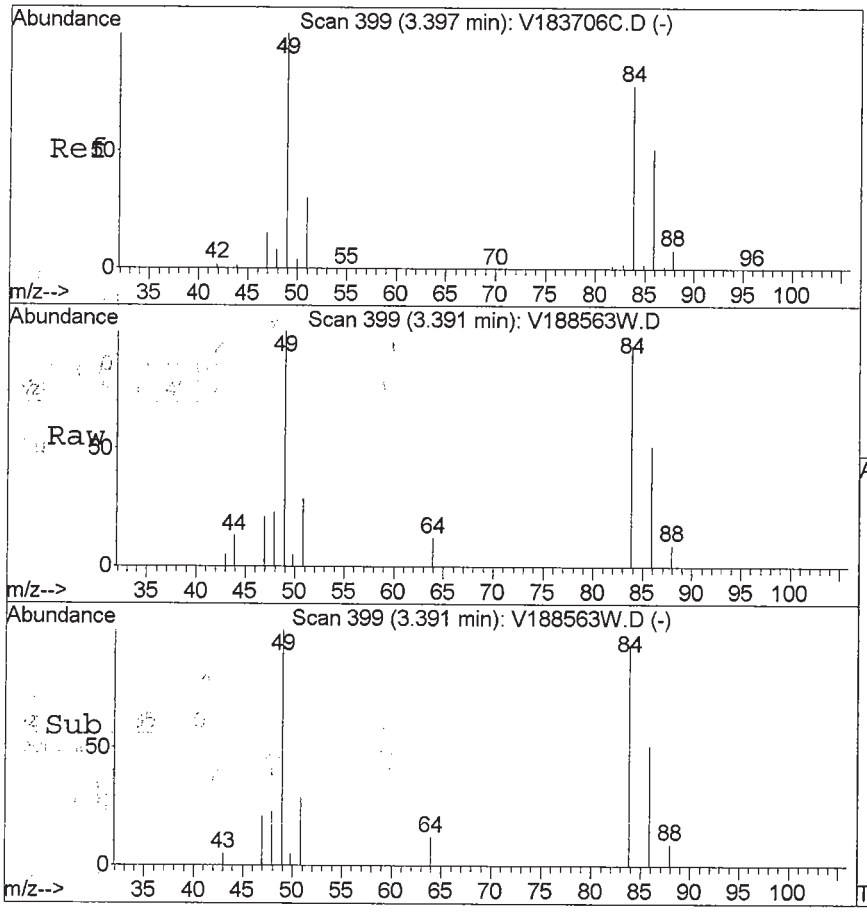


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. -0.00 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion: 70 Resp: 125705

Ion	Ratio	Lower	Upper
70	100		
96	531.9	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

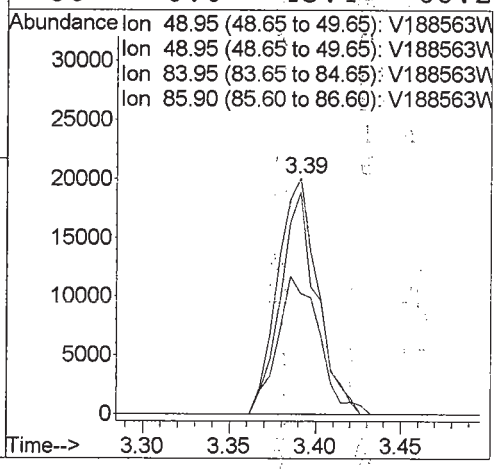


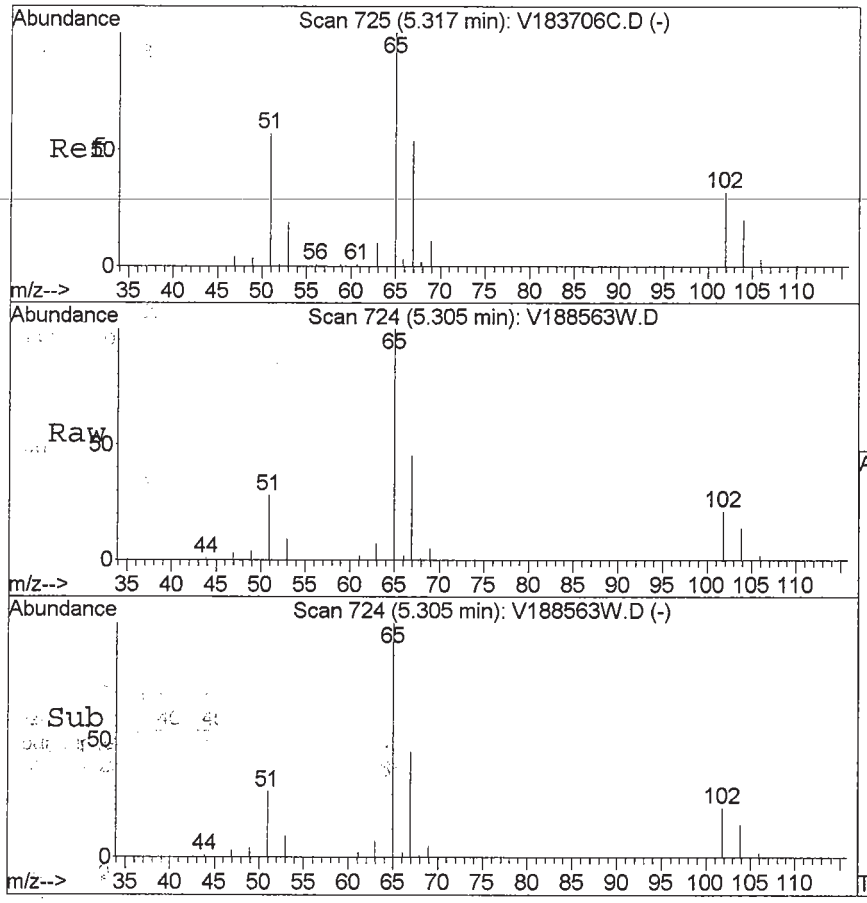


#17
Methylene Chloride
Concen: 5.59 ppb
RT: 3.39 min Scan# 399
Delta R.T. -0.01 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion: 49 Resp: 32741

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	85.8	66.3	99.5
86	0.0	45.4	68.2#

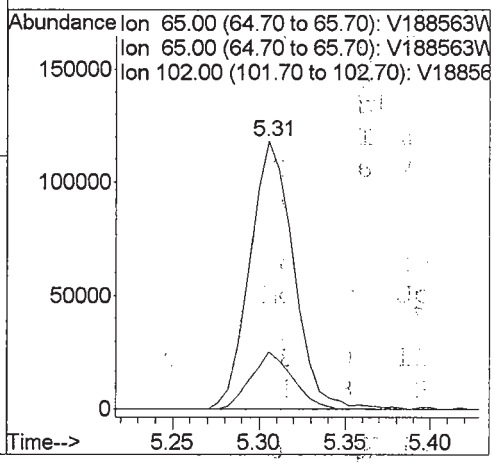


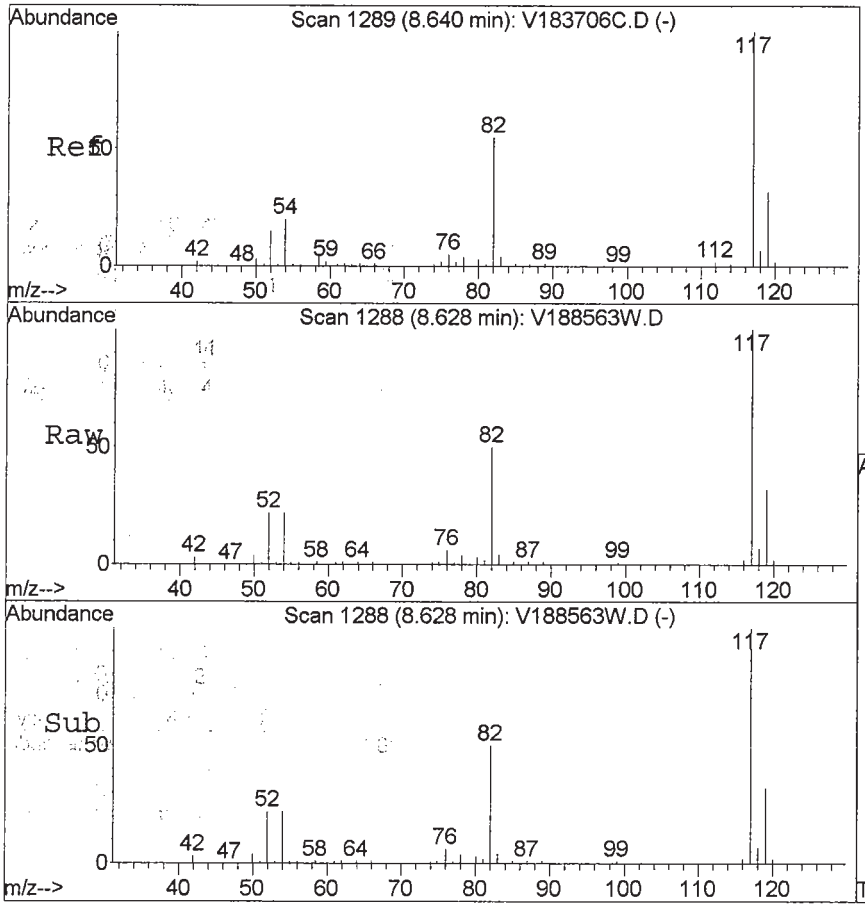


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion: 65 Resp: 208681

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.3	15.8	23.8

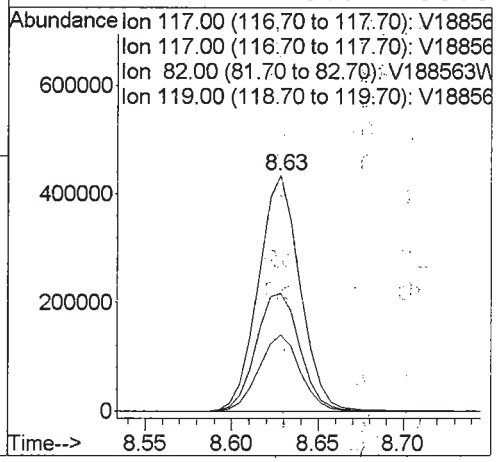


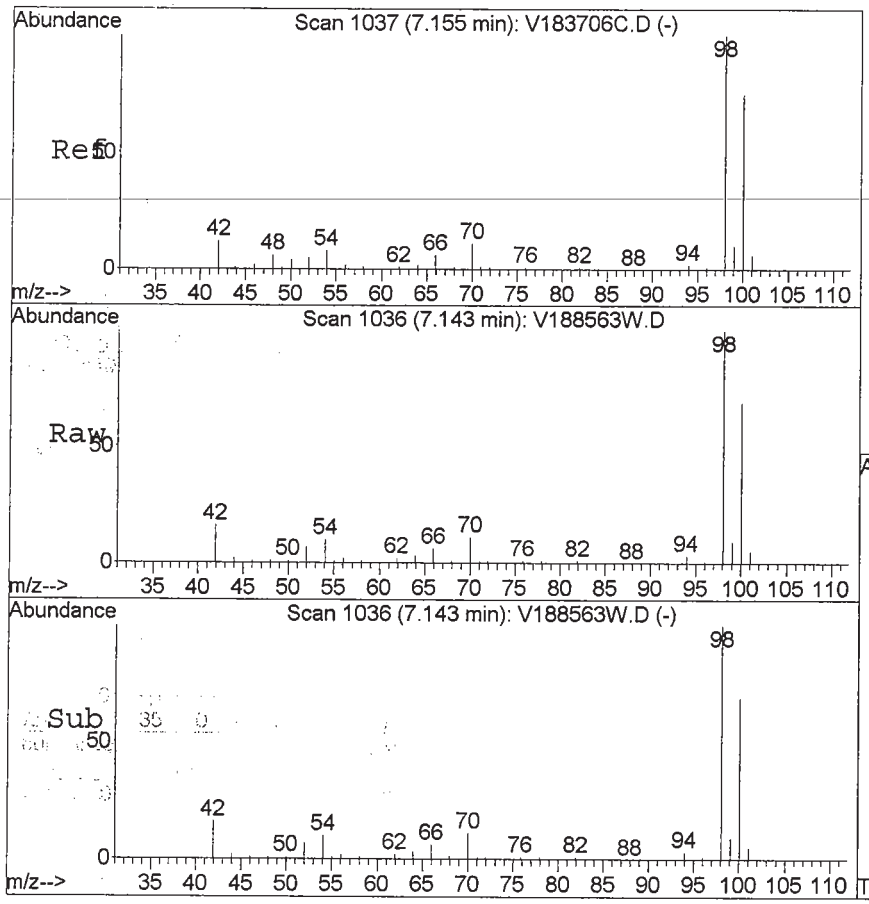


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. -0.00 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion:117 Resp: 728928

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.2	25.5	38.3

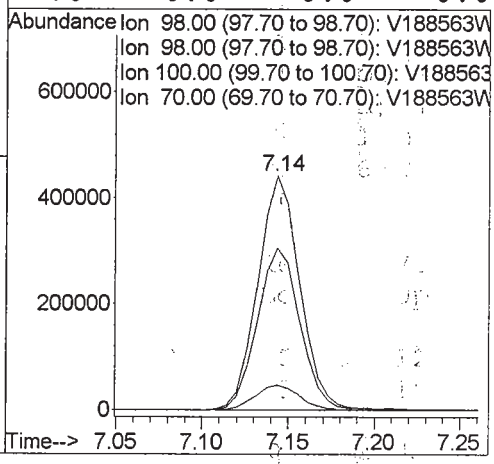


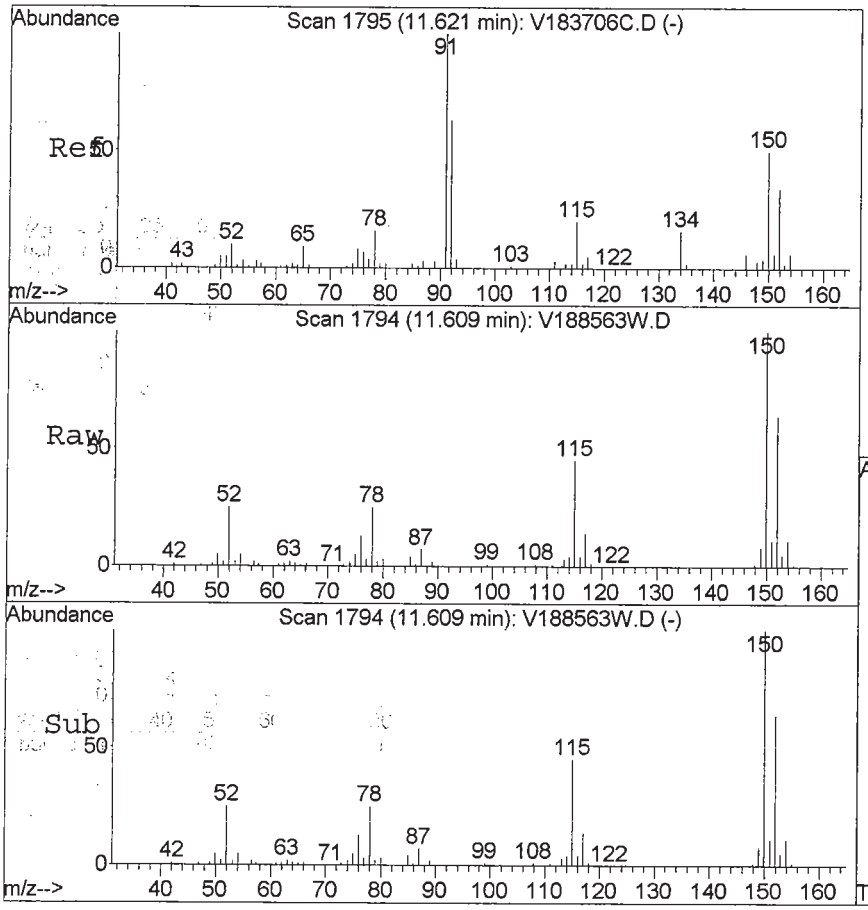


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion: 98 Resp: 746375

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.5	35.3	105.7
70	0.0	0.0	0.0

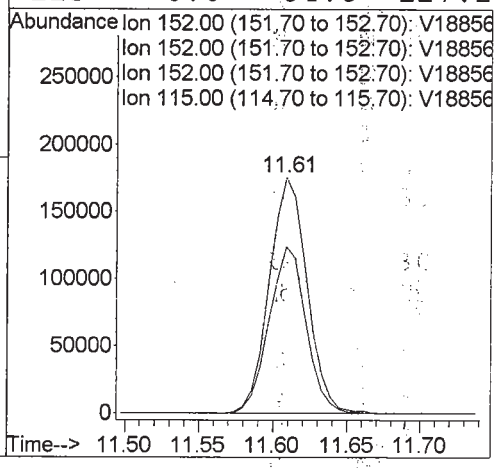


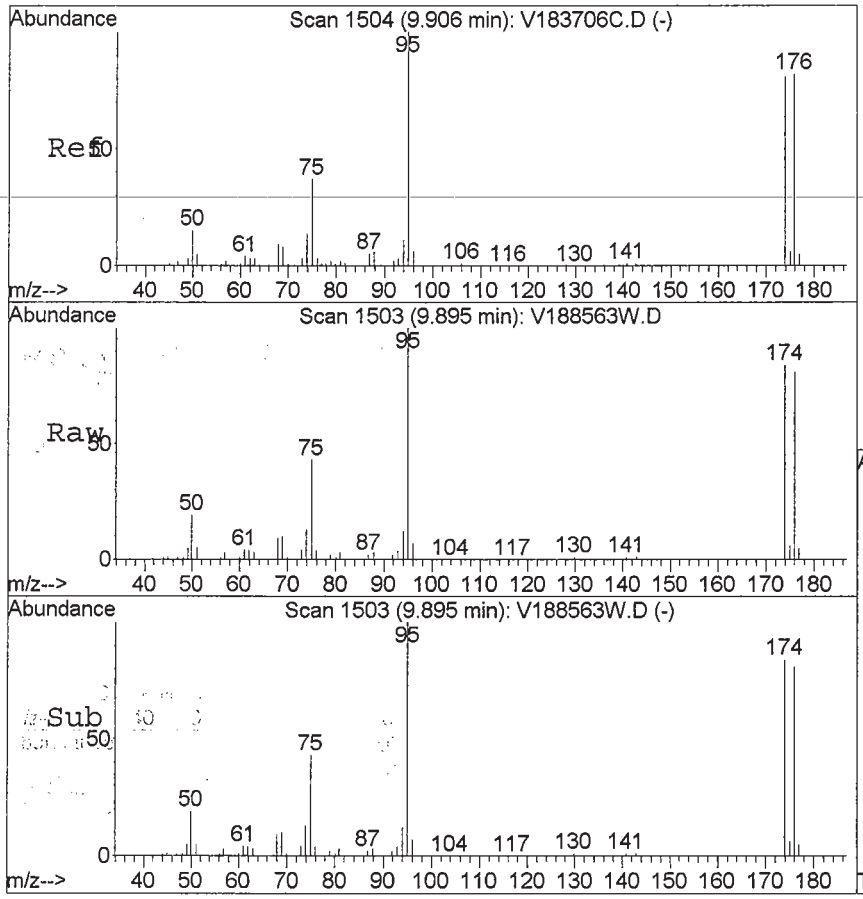


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion:152 Resp: 309505

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

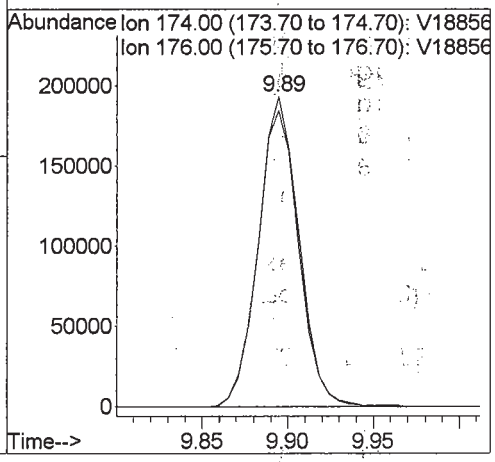




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1503
Delta R.T. -0.00 min
Lab File: V188563W.D
Acq: 29 Apr 2013 3:51 pm

Tgt Ion:174 Resp: 317240

Ion	Ratio	Lower	Upper
174	100		
176	96.9	77.4	116.0



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Trip Blanks

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-21	File ID:	V188564W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 16:29
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Trip Blanks

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-21	File ID:	V188564W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 16:29
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.8	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.4	115	72.6 - 129	
p-Bromofluorobenzene	50.0	50.2	100	63.5 - 145	
Toluene-d8	50.0	48.3	96.6	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188564W.D
Acq On : 29 Apr 2013 4:29 pm
Sample : 13D0938-21
Misc : QBV1042913A 8260 ASPB
MS Integration Params: RTEINT1.P

Vial: 13
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

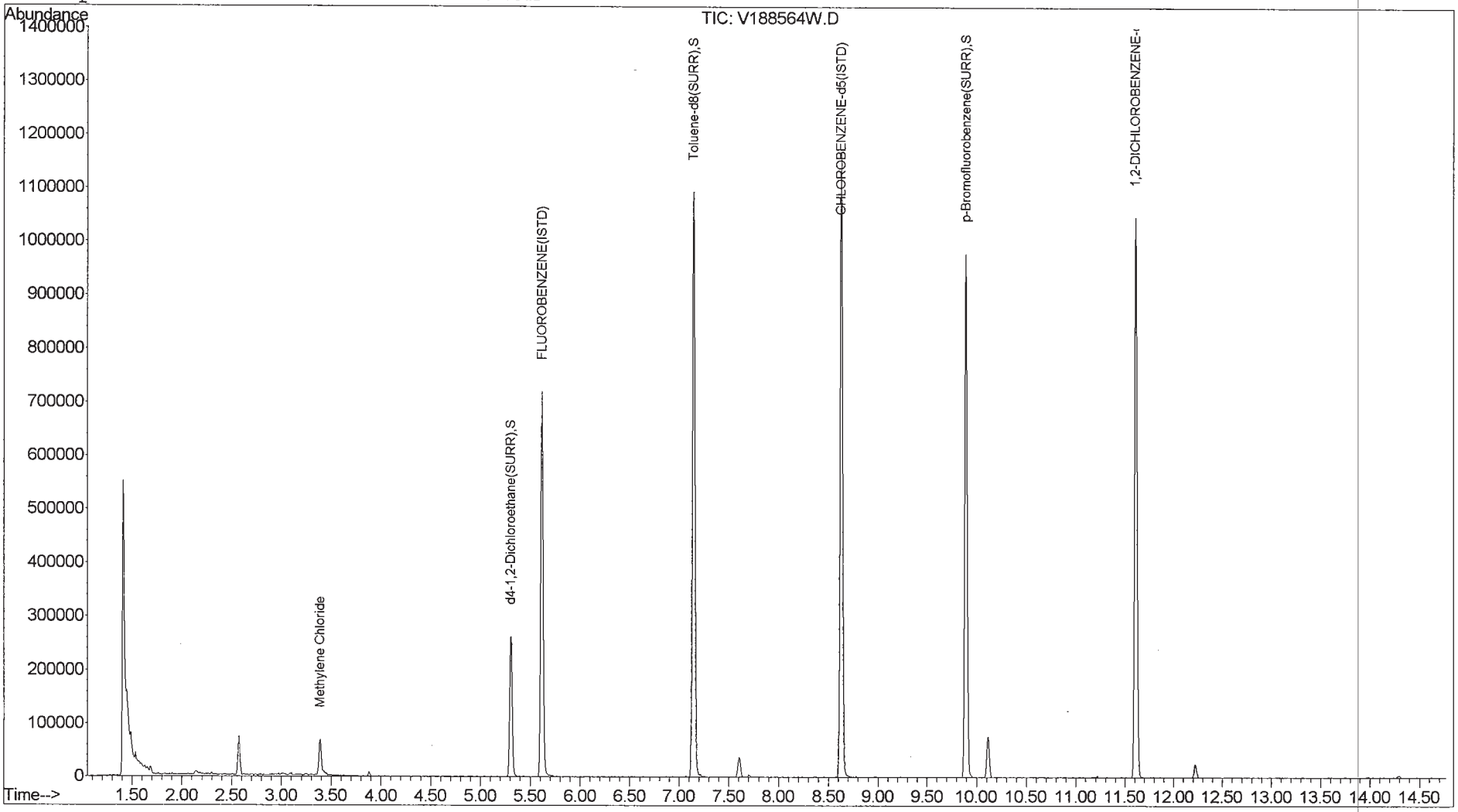
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	118497	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	696529	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	296794	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	197704	57.37	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.74%			
47) Toluene-d8(SURR)	7.14	98	721522	48.32	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.64%			
64) p-Bromofluorobenzene(SURR)	9.89	174	300896	50.16	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.32%			
Target Compounds						Qvalue
17) Methylene Chloride	3.39	49	32104	5.81	ppb	97

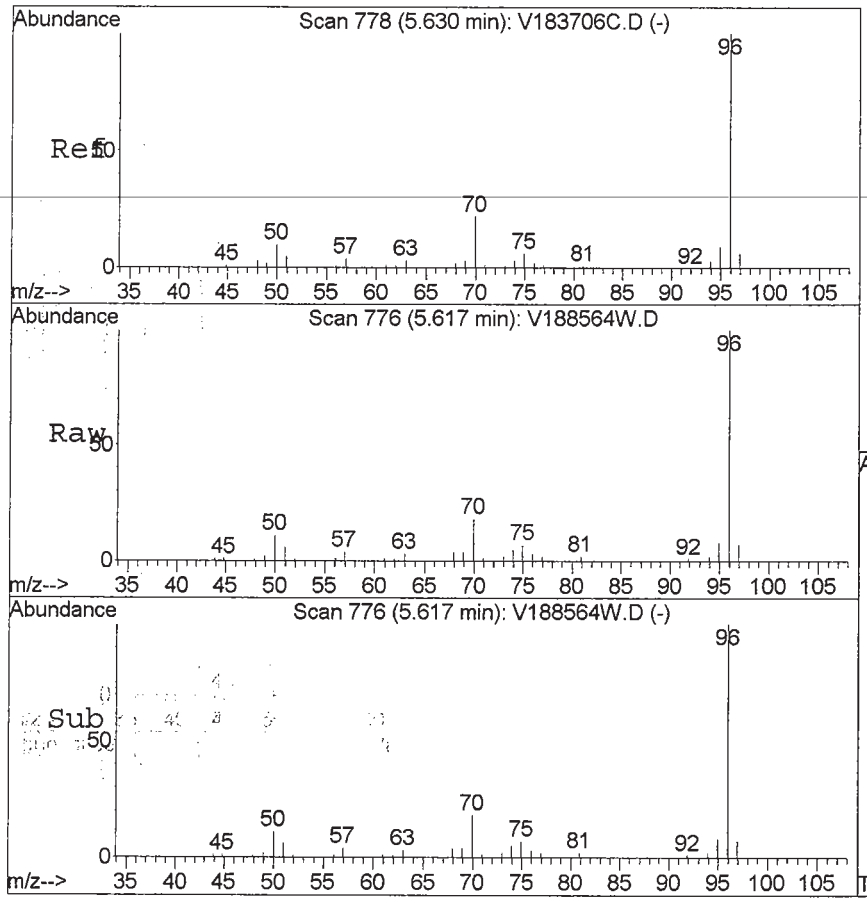
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1042913\V188564W.D Vial: 13
Acq On : 29 Apr 2013 4:29 pm Operator: SS
Sample : 13D0938-21 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

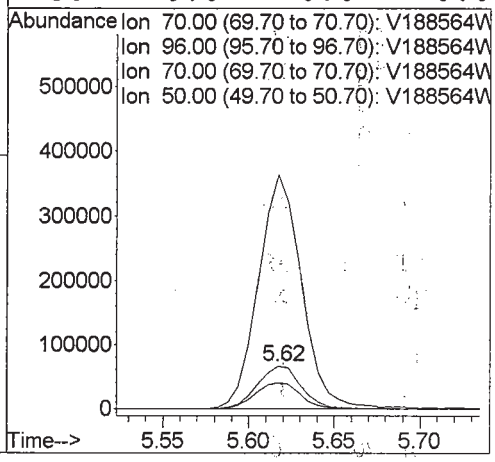


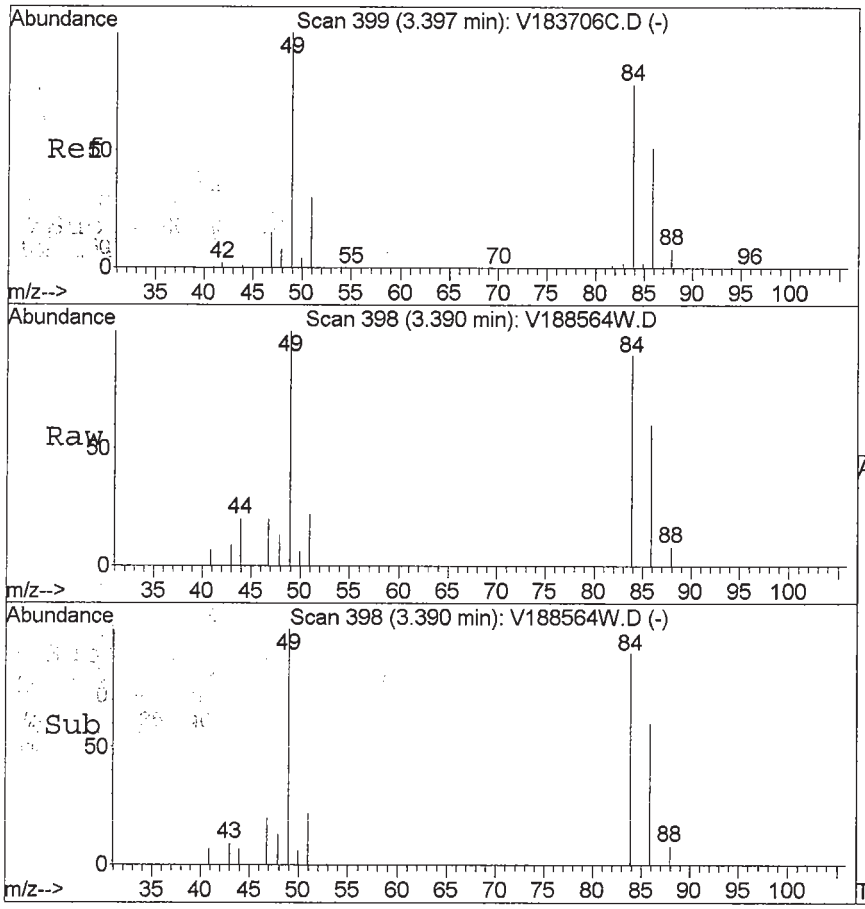


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion: 70 Resp: 118497

Ion	Ratio	Lower	Upper
70	100		
96	539.8	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

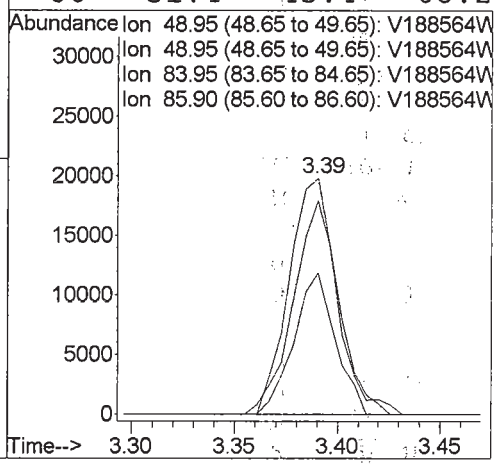


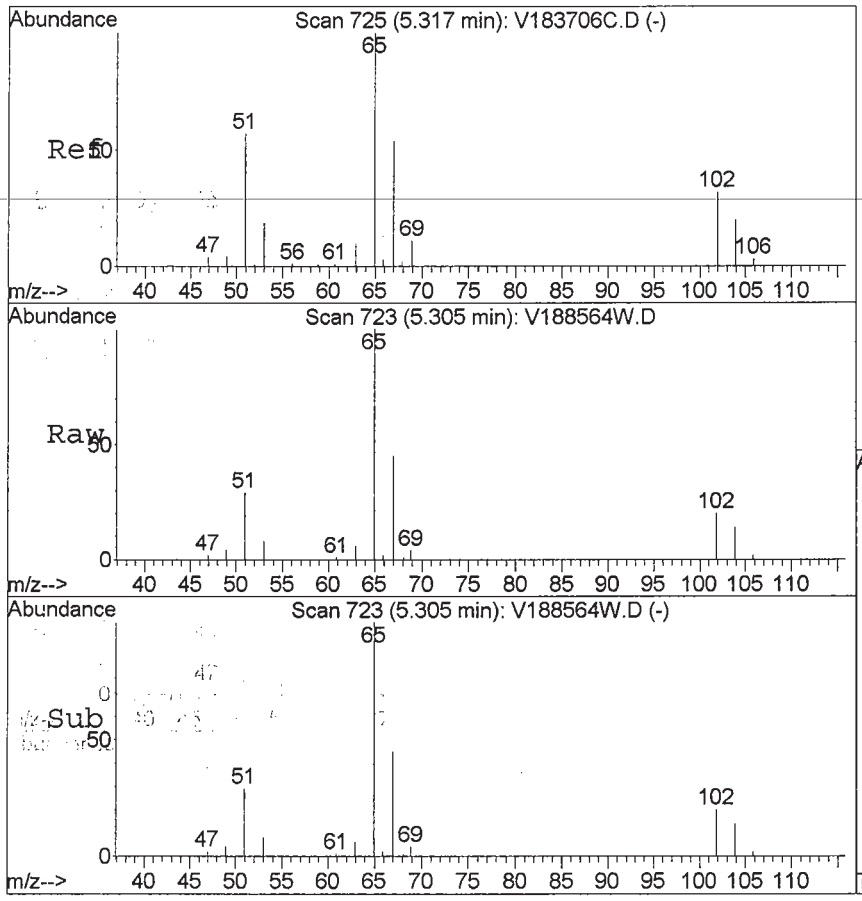


#17
Methylene Chloride
Concen: 5.81 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion: 49 Resp: 32104

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	85.0	66.3	99.5
86	51.4	45.4	68.2

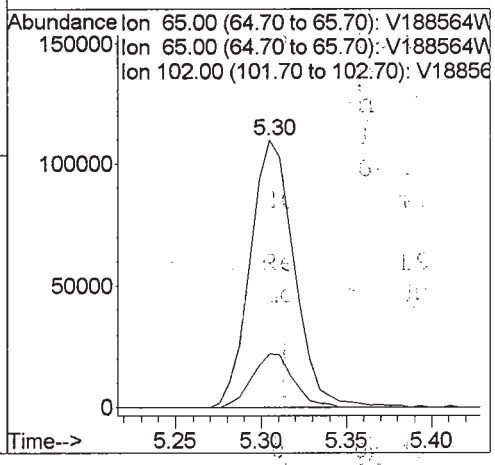


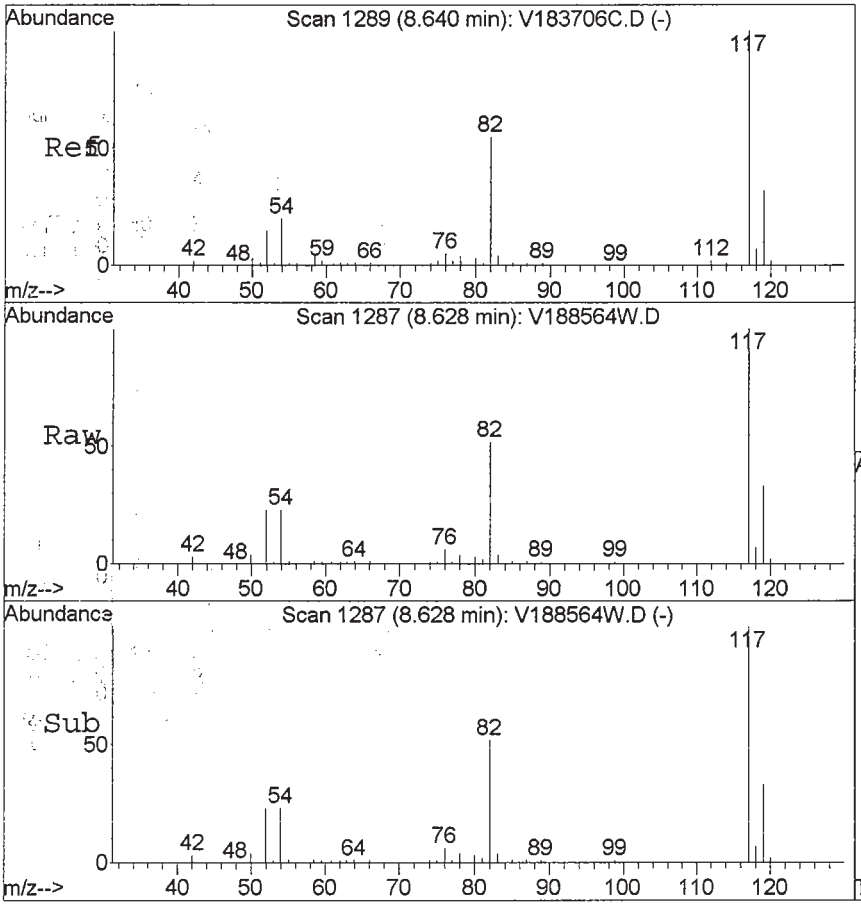


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion: 65 Resp: 197704

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	18.9	15.8	23.8

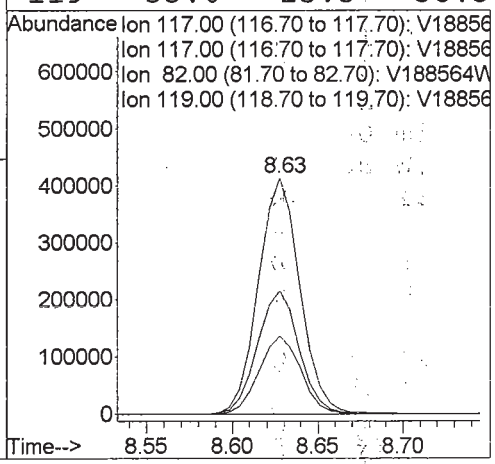


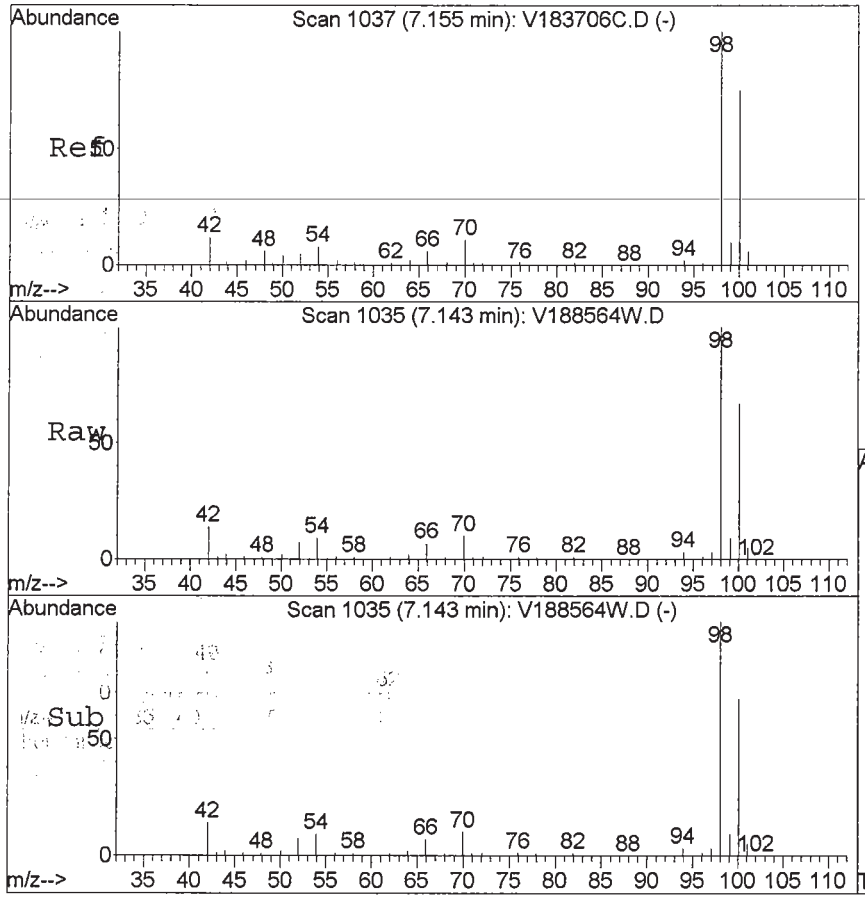


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion:117 Resp: 696529

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	33.0	25.5	38.3

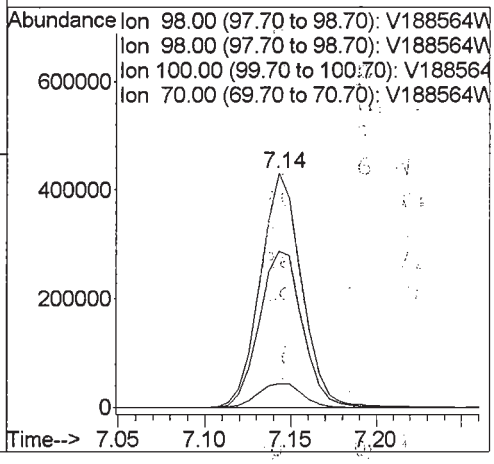


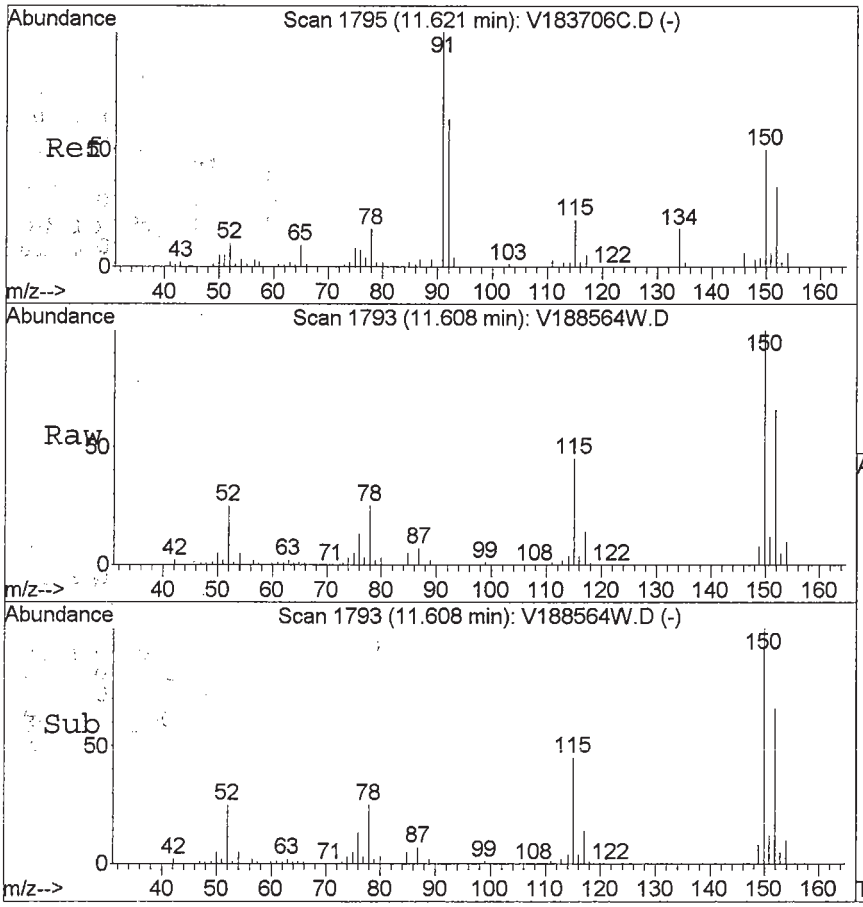


#47
Toluene-d8(SURR)
Concen: Below ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion: 98 Resp: 721522

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	69.8	35.3	105.7
70	11.0	0.0	0.0#

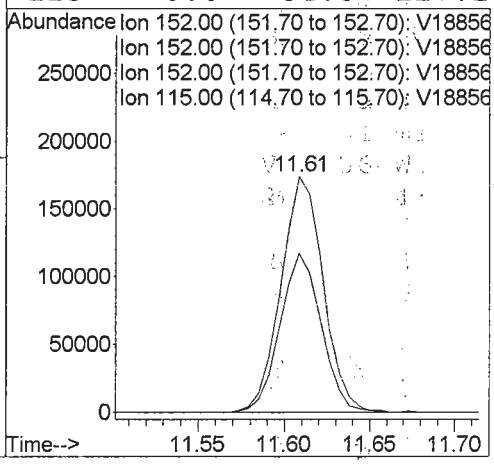


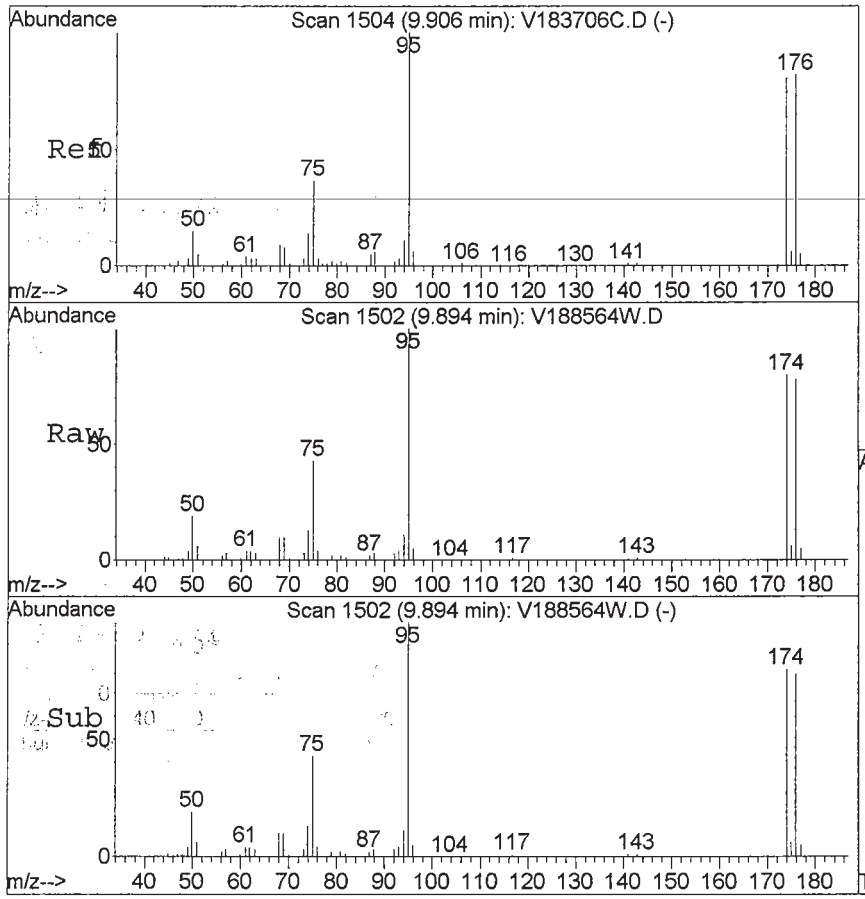


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion:152 Resp: 296794

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

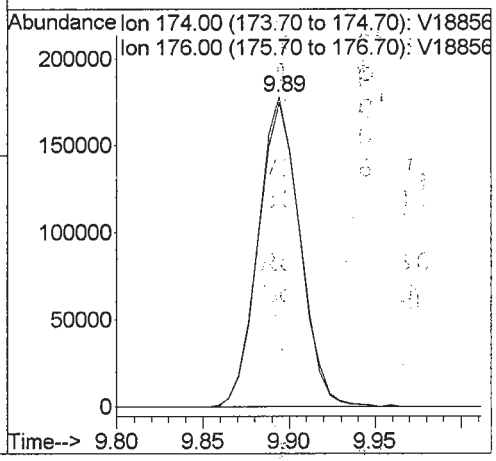




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188564W.D
Acq: 29 Apr 2013 4:29 pm

Tgt Ion:174 Resp: 300896

Ion	Ratio	Lower	Upper
174	100		
176	97.4	77.4	116.0



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Field Duplicate

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-22	File ID:	V188565W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 17:08
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Field Duplicate

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	13D0938-22	File ID:	V188565W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 17:08
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylêne chloride	1	5.2	JB
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	59.0	118	72.6 - 129	
p-Bromofluorobenzene	50.0	50.3	101	63.5 - 145	
Toluene-d8	50.0	48.5	97.0	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188565W.D Vial: 14
Acq On : 29 Apr 2013 5:08 pm Operator: SS
Sample : 13D0938-22 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

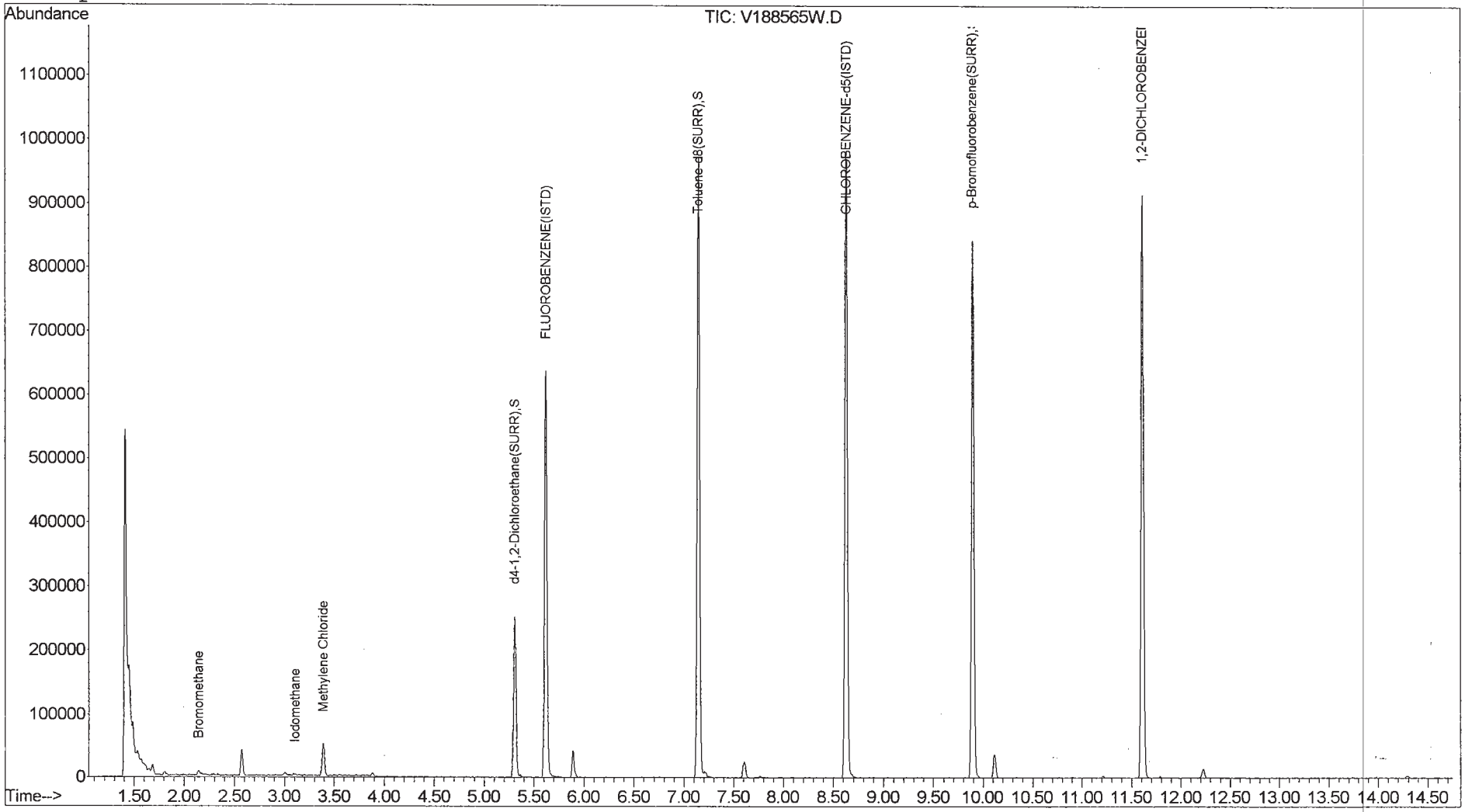
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	107456	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	610499	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	259500	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.31	65	184494	59.04	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 118.08%			
47) Toluene-d8(SURR)	7.14	98	635127	48.52	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.04%			
64) p-Bromofluorobenzene(SURR)	9.90	174	263840	50.30	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.60%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	8068	2.33	ppb	# 51
12) Iodomethane	3.11	142	3053	0.82	ppb	94
17) Methylene Chloride	3.39	49	25920	5.17	ppb	96

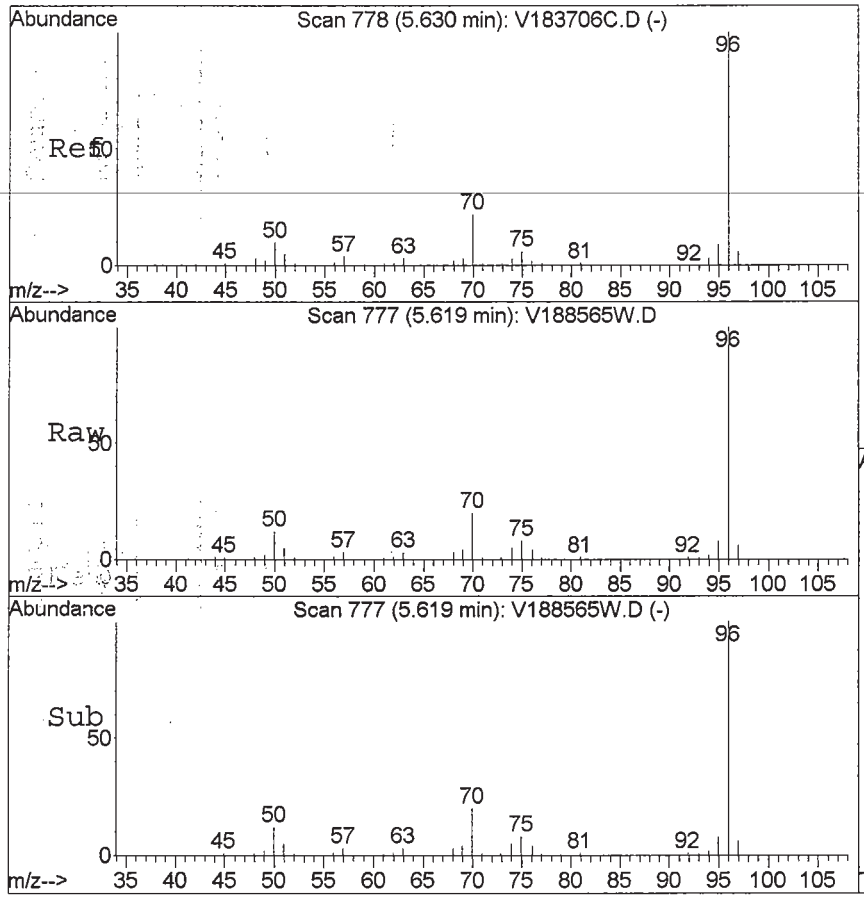
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1042913\V188565W.D Vial: 14
Acq On : 29 Apr 2013 5:08 pm Operator: SS
Sample : 13D0938-22 Inst : VOA No.1
Misc : QBV1042913A 8260 ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:13 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

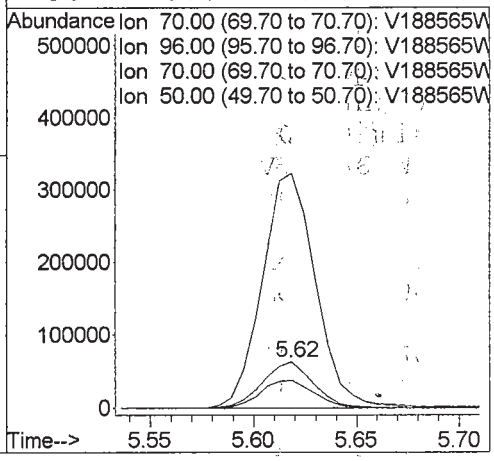


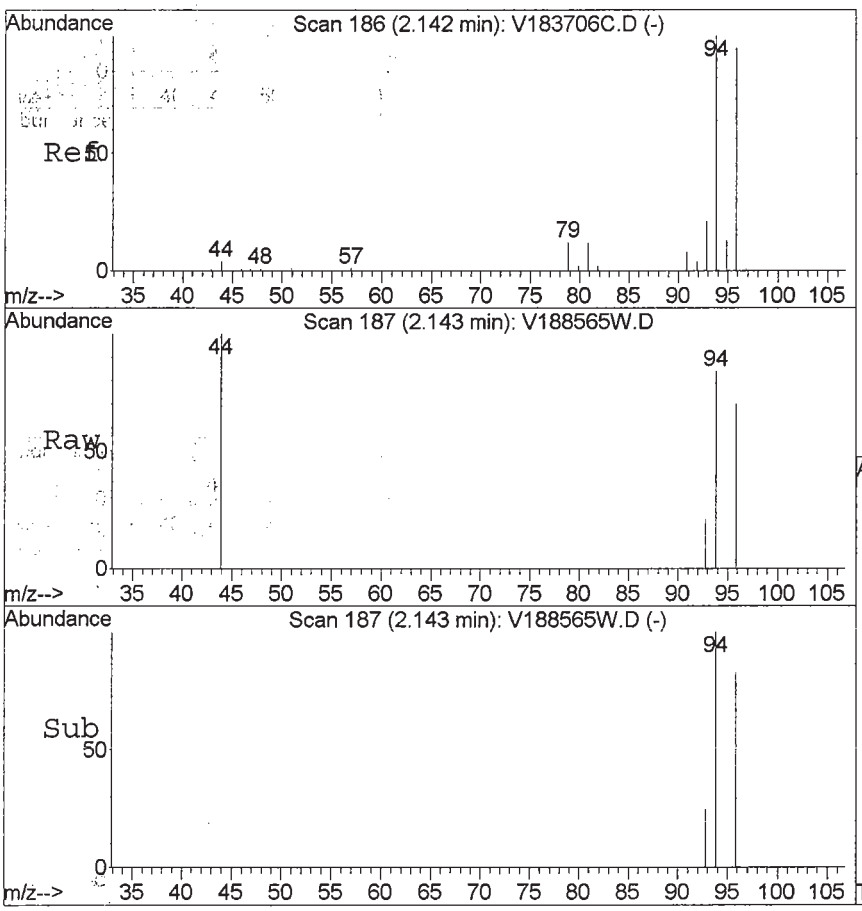


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 777
Delta R.T. 0.00 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 70 Resp: 107456

Ion	Ratio	Lower	Upper
70	100		
96	539.1	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

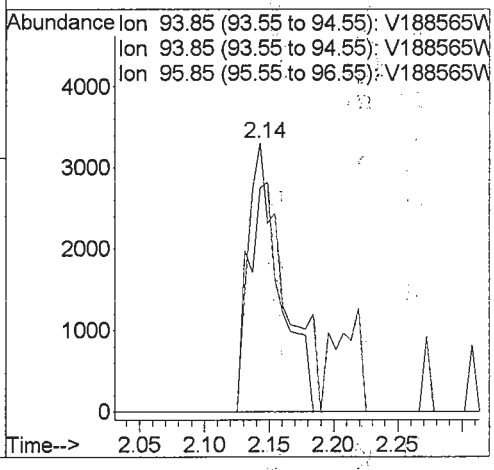


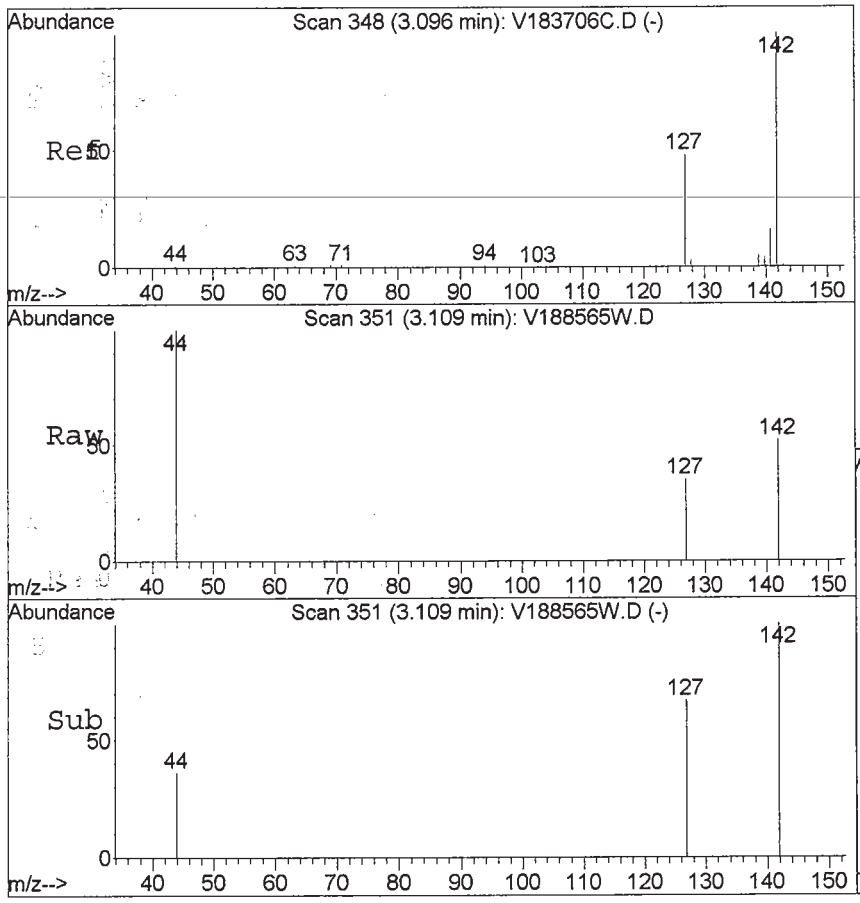


#5
Bromomethane
Concen: 2.33 ppb
RT: 2.14 min Scan# 187
Delta R.T. 0.00 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 94 Resp: 8068

Ion	Ratio	Lower	Upper
94	100		
94	100.0	80.0	120.0
96	0.0	77.5	116.3#

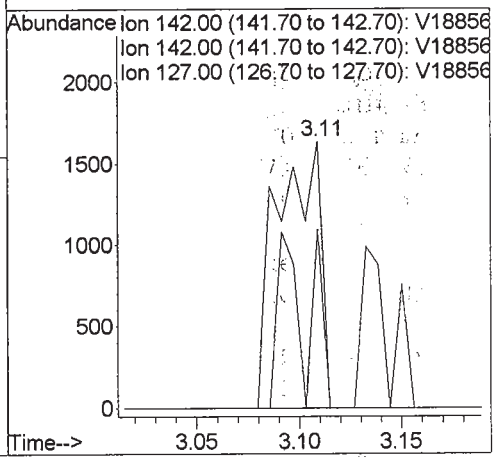


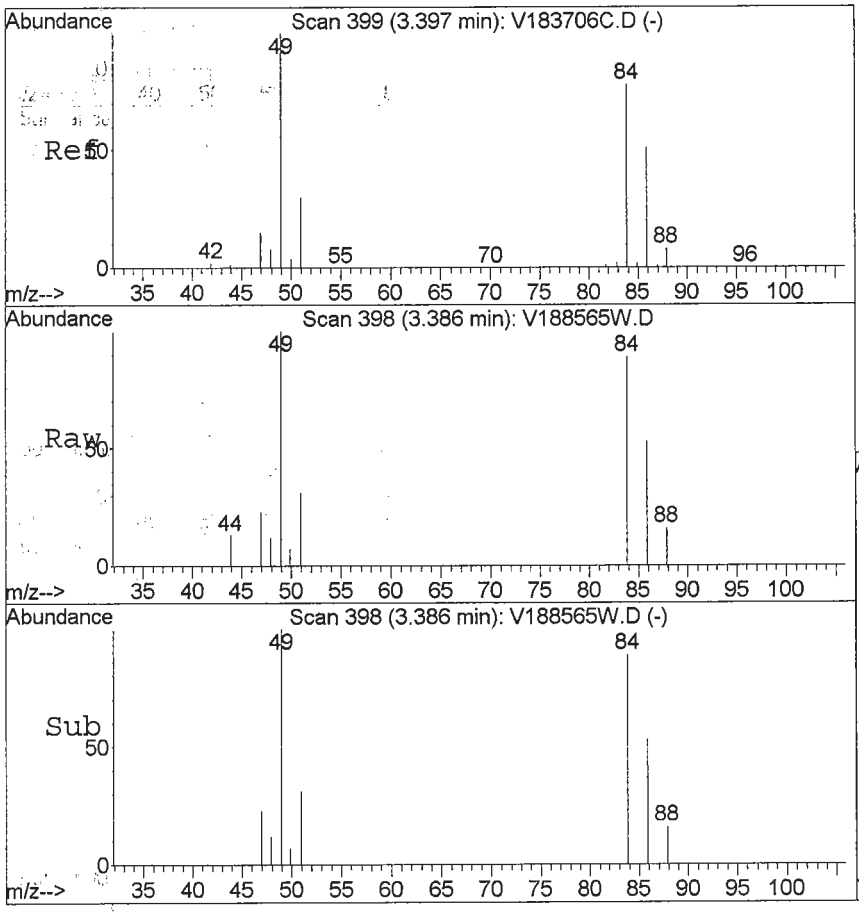


#12
Iodomethane
Concen: 0.82 ppb
RT: 3.11 min Scan# 351
Delta R.T. 0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion:142 Resp: 3053

Ion	Ratio	Lower	Upper
142	100		
142	100.0	50.0	150.0
127	35.4	24.3	72.8

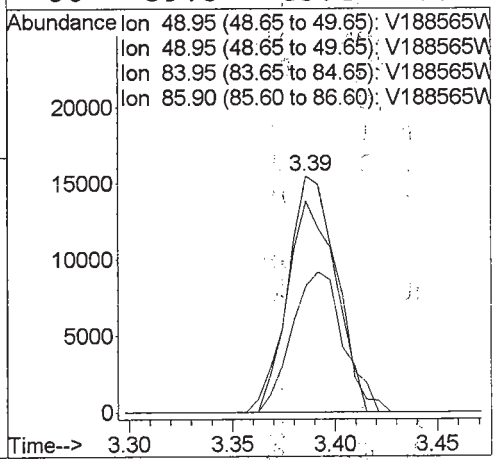


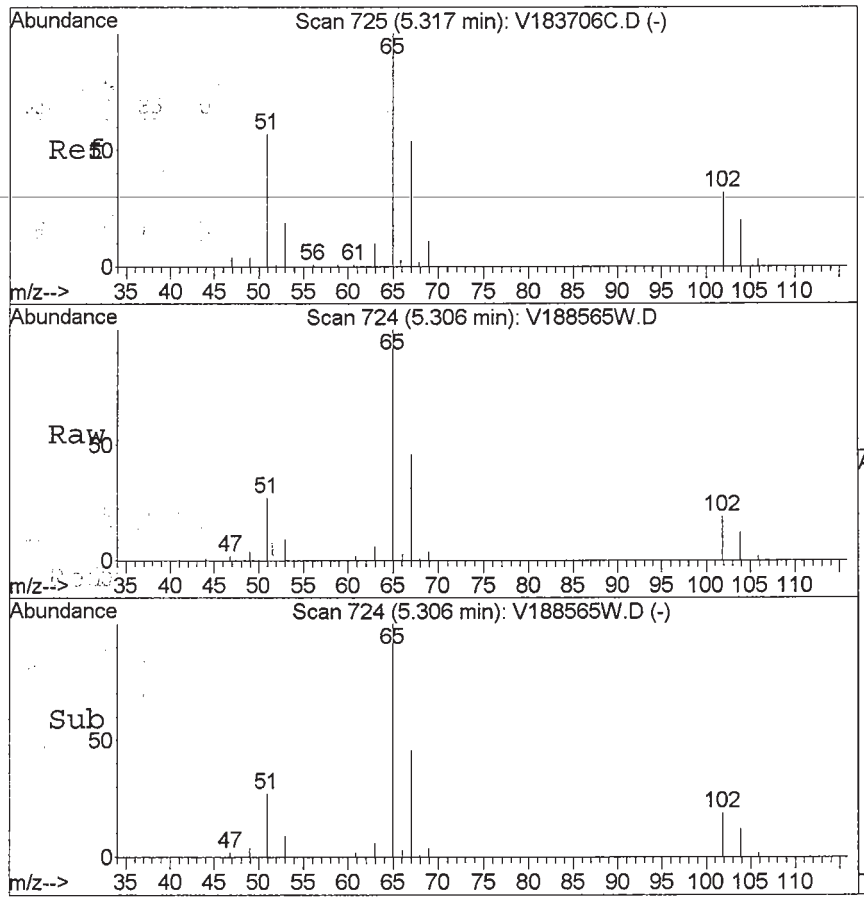


#17
Methylene Chloride
Concen: 5.17 ppb
RT: 3.39 min Scan# 398
Delta R.T. -0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 49 Resp: 25920

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	90.0	66.3	99.5
86	59.3	45.4	68.2

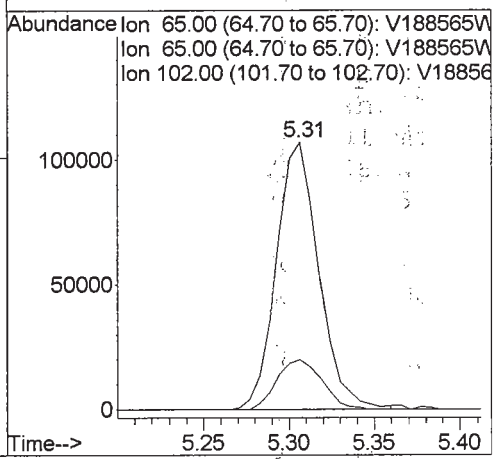


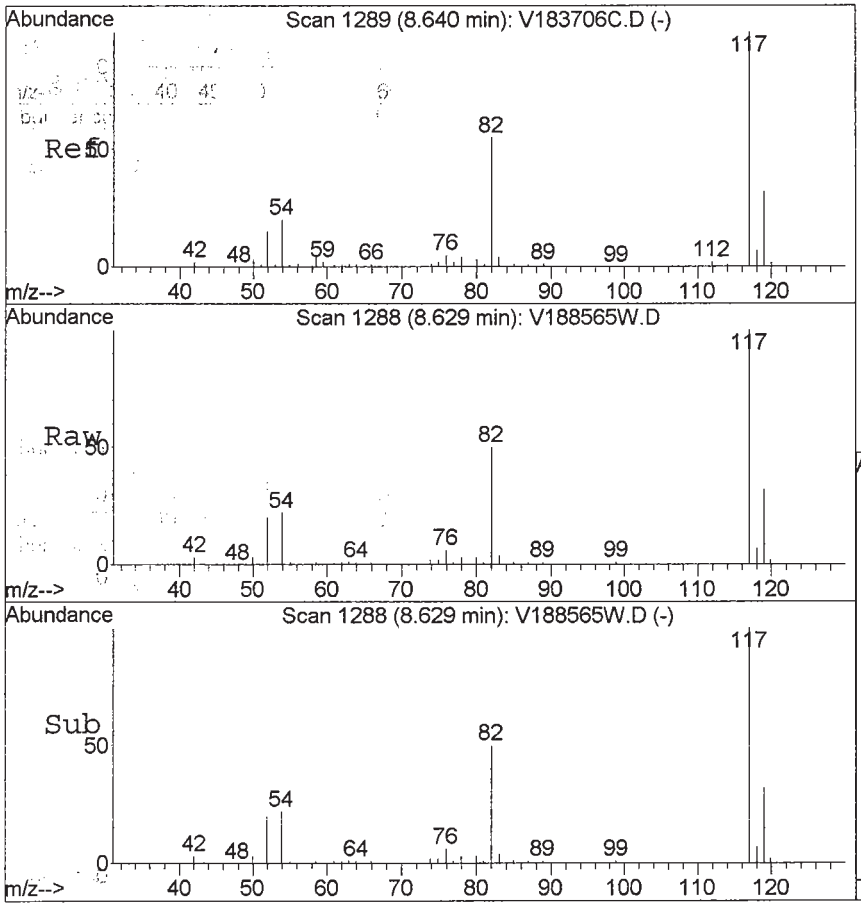


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.31 min Scan# 724
Delta R.T. -0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 65 Resp: 184494

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	19.9	15.8	23.8

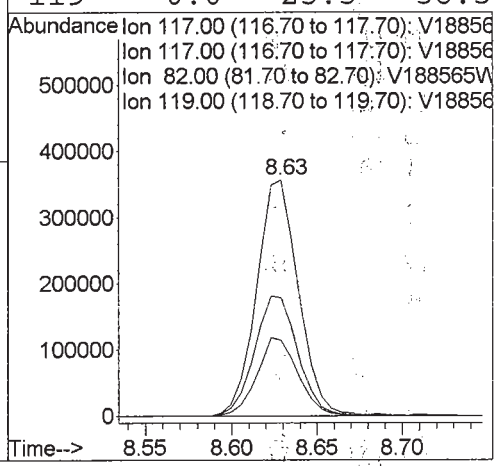


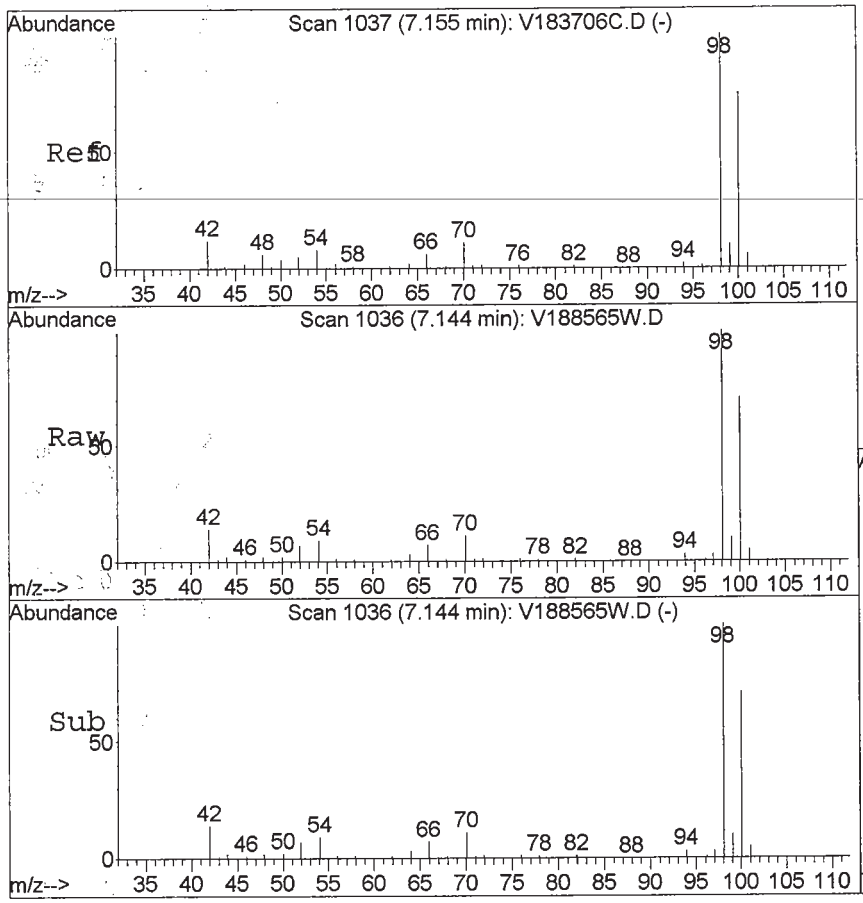


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1288
Delta R.T. 0.00 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion:117 Resp: 610499

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	0.0	25.5	38.3#

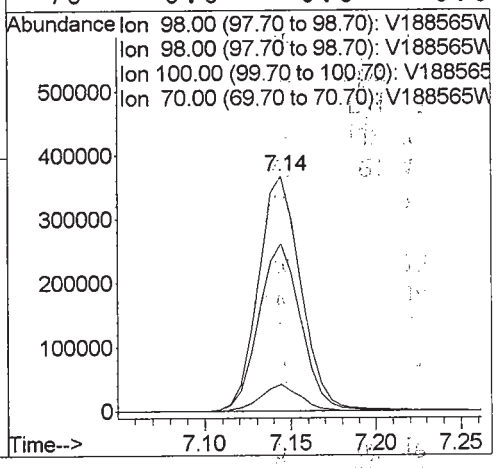


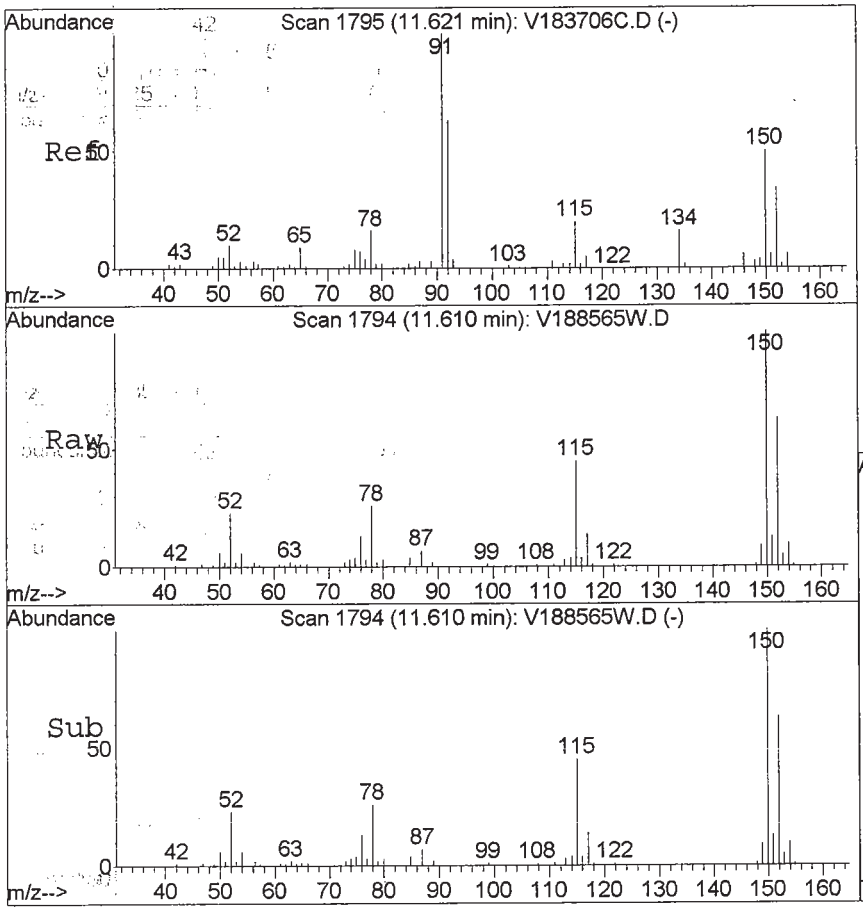


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1036
Delta R.T. -0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion: 98 Resp: 635127

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	70.9	35.3	105.7
70	0.0	0.0	0.0

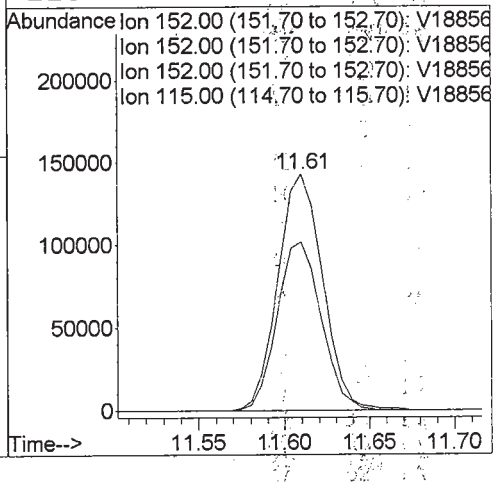


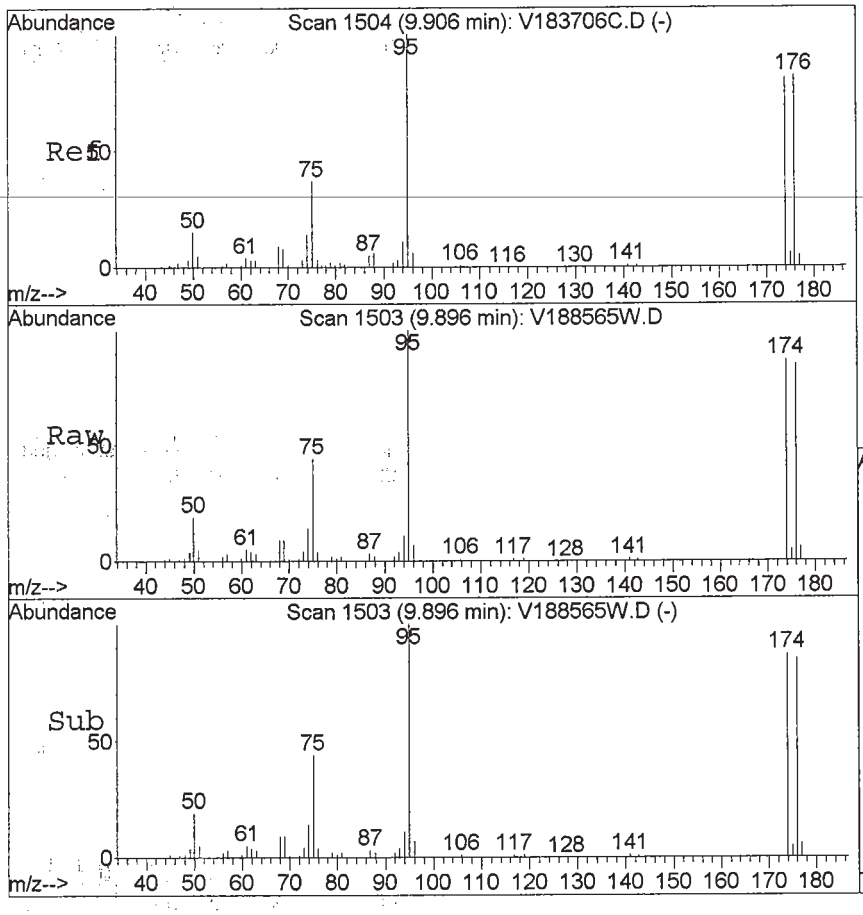


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1794
Delta R.T. -0.01 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion:152 Resp: 259500

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

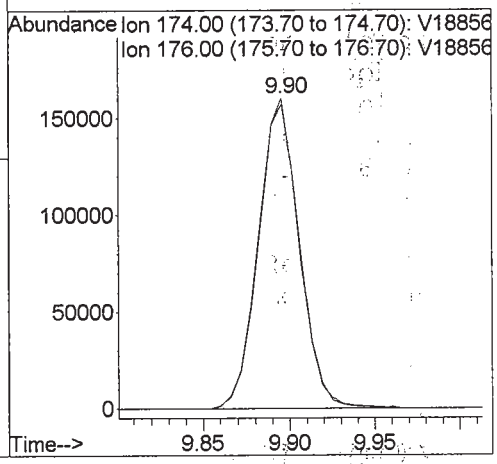




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.90 min Scan# 1503
Delta R.T. 0.00 min
Lab File: V188565W.D
Acq: 29 Apr 2013 5:08 pm

Tgt Ion:174 Resp: 263840

Ion	Ratio	Lower	Upper
174	100		
176	99.4	77.4	116.0



Response Factor Report VOA No.1

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

Calibration Files
5 =V188257C.D 10 =V188258C.D 20 =V188259C.D
50 =V188260C.D 100 =V188261C.D 200 =V188262C.D

		Compound	5	10	20	50	100	200	Avg	%RSD
1)		FLUOROBENZENE(ISTD)	ISTD							
2)		Dichlorodifluoromet	4.544	4.232	4.426	4.093	4.000	3.847	4.190	6.28
3)	P	Chloromethane	3.302	3.035	2.775	2.579	2.476	2.474	2.774	12.10
4)	C	Vinyl Chloride	2.306	2.346	2.486	2.295	2.259	2.287	2.330	3.51#
5)		Bromomethane	2.334	1.845	1.440	1.230	1.332	1.466	1.608	25.66
6)		Chloroethane	1.214	1.226	1.240	1.195	1.190	1.204	1.212	1.58
7)		Trichlorofluorometh	4.776	4.493	4.770	4.489	4.472	4.511	4.585	3.18
8)		Ethyl Ether	1.034	0.994	1.122	1.111	1.094	1.107	1.077	4.75
9)		Freon-113	2.669	2.477	2.428	2.514	2.551	2.507	2.524	3.24
10)	C,M	1,1-Dichloroethylen	3.356	3.169	3.375	3.271	3.184	3.224	3.263	2.67#
11)		Acrolein	0.056	0.068	0.092	0.094	0.104	0.112	0.088	24.65
12)		Iodomethane	1.541	1.316	1.383	1.704	2.022	2.423	1.732	24.41
13)		Methyl Acetate	0.753	0.492	0.555	0.503	0.526	0.575	0.567	16.96
14)		tert-Butyl Alcohol		0.097	0.107	0.118	0.128	0.126	0.115	11.45
15)		trans-1,2-Dichloroe	2.657	2.550	2.681	2.684	2.624	2.644	2.640	1.88
16)		Carbon Disulfide	4.731	4.675	5.102	5.278	5.276	5.336	5.066	5.77
17)		Methylene Chloride	3.114	2.447	2.362	2.086	1.991	1.988	2.331	18.42
18)		Acrylonitrile	0.231	0.252	0.240	0.271	0.262	0.278	0.256	7.16
19)		tert-Butyl Methyl E	3.939	3.636	4.044	3.994	3.918	3.945	3.913	3.65
20)		Acetone		0.761	0.548	0.550	0.456	0.481	0.559	21.47
21)	P	1,1-Dichloroethane	3.634	3.469	3.132	3.127	3.182	3.097	3.273	6.82
22)		Vinyl Acetate	2.577	2.083	2.031	1.501	1.934	1.737	1.977	18.37
23)		cis-1,2-Dichloroeth	2.564	2.449	2.560	2.445	2.504	2.497	2.503	2.06
24)		2-Butanone	0.090	0.085	0.118	0.116	0.122	0.126	0.109	15.77
25)		2,2-Dichloropropane	3.809	3.751	3.813	3.865	4.020	4.049	3.885	3.14
26)		Bromochloromethane	1.125	1.200	1.338	1.423	1.414	1.337	1.306	9.14
27)	C	Chloroform	4.537	4.380	4.676	4.662	4.642	4.613	4.585	2.45#
28)		Tetrahydrofuran	0.077	0.091	0.100	0.110	0.120	0.120	0.103	16.64
29)		1,1-Dichloropropyle	3.829	3.474	3.698	3.588	3.547	3.452	3.598	3.98
30)		1,1,1-Trichloroetha	4.810	4.645	4.901	4.769	4.800	4.758	4.781	1.75
31)		Cyclohexane	8.802	3.989	4.886	3.541	3.881	3.647	4.791	42.20
32)	S	d4-1,2-Dichloroetha	1.417	1.422	1.470	1.479	1.455	1.482	1.454	1.96
33)		Carbon Tetrachlorid	4.109	3.967	4.183	4.201	4.185	4.115	4.127	2.12
34)		1,2-Dichloroethane	3.067	2.926	3.070	3.092	3.072	3.027	3.042	2.00
35)	M	Benzene	8.096	7.338	7.741	7.711	7.580	7.281	7.624	3.92
36)		CHLOROBENZENE-d5(ISTD	ISTD							
37)	M	Trichloroethylene	0.576	0.528	0.536	0.522	0.537	0.528	0.538	3.65
38)		Methyl Cyclohexane	0.816	0.761	0.759	0.744	0.777	0.743	0.767	3.56
39)		Dibromomethane	0.158	0.172	0.188	0.205	0.233	0.233	0.198	15.78
40)		Methyl Methacrylate	0.168	0.163	0.179	0.177	0.188	0.179	0.176	4.94
41)		Bromodichloromethan	0.651	0.631	0.645	0.646	0.682	0.663	0.653	2.71
42)	C	1,2-Dichloropropane	0.336	0.324	0.339	0.356	0.351	0.339	0.341	3.32#

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

Calibration Files
5 =V188257C.D 10 =V188258C.D 20 =V188259C.D
50 =V188260C.D 100 =V188261C.D 200 =V188262C.D

		Compound	5	10	20	50	100	200	Avg	%RSD
43)		1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003#	6.46
44)		2-Chloroethylvinyl	0.135	0.121	0.128	0.141	0.151	0.146	0.137	8.12
45)		cis-1,3-Dichloropro	0.673	0.640	0.637	0.652	0.663	0.645	0.652	2.16
46)		2-Hexanone	0.441	0.301	0.220	0.190	0.207	0.190	0.258	38.29
47)	S	Toluene-d8(SURR)	1.070	1.074	1.070	1.066	1.070	1.082	1.072	0.50
48)	C,M	Toluene	1.924	1.799	1.763	1.792	1.770	1.687	1.789	4.33#
49)		trans-1,3-Dichlorop	0.575	0.555	0.587	0.597	0.620	0.603	0.589	3.83
50)		1,1,2-Trichloroetha	0.254	0.225	0.246	0.243	0.250	0.239	0.243	4.26
51)		1,3-Dichloropropane	0.562	0.507	0.527	0.542	0.536	0.516	0.532	3.66
52)		Tetrachloroethylene	0.611	0.594	0.598	0.601	0.621	0.607	0.605	1.63
53)		4-Methyl-2-Pentanon	0.355	0.339	0.366	0.326	0.392	0.367	0.358	6.53
54)		Dibromochloromethan	0.420	0.411	0.444	0.466	0.482	0.469	0.449	6.36
55)		1,2-Dibromoethane	0.355	0.330	0.339	0.342	0.350	0.339	0.343	2.56
56)	P,M	Chlorobenzene	1.295	1.221	1.229	1.226	1.237	1.187	1.233	2.85
57)	C	Ethyl Benzene	2.394	2.236	2.257	2.254	2.228	2.065	2.239	4.67#
58)		p- & m-Xylenes	1.856	1.749	1.719	1.723	1.687	1.504	1.706	6.72
59)		o-Xylene	1.855	1.753	1.766	1.765	1.761	1.611	1.752	4.48
60)		Styrene	1.337	1.269	1.279	1.302	1.317	1.232	1.289	2.90
61)		1,1,1,2-Tetrachloro	0.496	0.459	0.471	0.477	0.491	0.473	0.478	2.88
62)		1,2-DICHLOROBENZENE-d	----------	----------	----------	ISTD	----------	----------	----------	
63)	p	Bromoform	0.541	0.548	0.605	0.628	0.699	0.672	0.616	10.39
64)	S	p-Bromofluorobenzen	1.015	0.999	1.021	1.020	1.018	0.991	1.011	1.22
65)		p-Ethyltoulene	5.871	5.428	5.397	5.366	5.790	5.139	5.499	5.05
66)		p-Diethylbenzene	3.007	2.819	2.792	2.854	3.085	2.805	2.893	4.23
67)	P	1,1,2,2-Tetrachloro	0.781	0.786	0.824	0.827	0.896	0.809	0.820	5.07
68)		1,2,3-Trichloroprop	0.303	0.285	0.308	0.315	0.326	0.307	0.307	4.40
69)		Isopropylbenzene	6.171	5.890	5.816	5.910	5.953	5.511	5.875	3.66
70)		1,2-Dibromo-3-Chlor	0.134	0.158	0.177	0.176	0.201	0.179	0.171	13.20
71)		Bromobenzene	2.215	2.094	2.085	2.120	2.175	2.037	2.121	3.04
72)		trans-1,4-Dichloro-	0.989	0.952	1.037	1.017	1.107	1.020	1.020	5.09
73)		n-Propylbenzene	7.123	6.683	6.624	6.671	6.706	6.042	6.641	5.21
74)		2-Chlorotoluene	4.812	4.441	4.403	4.434	4.562	4.186	4.473	4.61
75)		4-Chlorotoluene	4.755	4.430	4.383	4.389	4.472	4.081	4.418	4.88
76)		tert-Butylbenzene	5.347	5.126	5.199	5.251	5.426	4.990	5.223	2.98
77)		1,3,5-trimethylbenz	5.026	4.644	4.620	4.643	4.777	4.336	4.674	4.82
78)		1,2,4-trimethylbenz	5.019	4.692	4.758	4.720	4.791	4.339	4.720	4.65
79)		sec-Butylbenzene	6.407	6.201	6.104	6.153	6.262	5.649	6.130	4.20
80)		1,3-Dichlorobenzene	2.435	2.293	2.325	2.350	2.434	2.243	2.347	3.27
81)		1,4-Dichlorobenzene	2.430	2.354	2.267	2.282	2.385	2.193	2.318	3.76
82)		1,2-Dichlorobenzene	2.093	2.056	2.029	1.996	2.137	1.971	2.047	3.00
83)		p-Isopropyltoluene	5.357	5.124	5.131	5.112	5.318	4.786	5.138	3.94
84)		n-Butylbenzene	6.214	5.844	5.688	5.758	5.914	5.269	5.781	5.36
85)		1,2,4,5-Tetramethyl	4.647	4.238	4.265	4.267	4.597	4.093	4.351	5.05

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

Calibration Files
5 =V188257C.D 10 =V188258C.D 20 =V188259C.D
50 =V188260C.D 100 =V188261C.D 200 =V188262C.D

	Compound	5	10	20	50	100	200	Avg	%RSD
86)	1,2,4-Trichlorobenz	1.617	1.478	1.415	1.463	1.551	1.453	1.496	4.96
87)	Naphthalene	2.369	2.205	2.318	2.301	2.560	2.342	2.349	5.00
88)	Hexachloro-1,3-Buta	1.070	1.004	0.981	0.992	1.058	0.979	1.014	3.95
89)	1,2,3-Trichlorobenz	1.298	1.202	1.189	1.206	1.302	1.205	1.234	4.18

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188257C.D
Acq On : 17 Apr 2013 4:25 pm
Sample : 5 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 6
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:44 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	170535	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	872133	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	348029	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	241649	50.67	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.34%				
47) Toluene-d8(SURR)	7.14	98	933393	49.35	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.70%				
64) p-Bromofluorobenzene(SURR)	9.90	174	353090	49.49	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	77497	5.66	ppb		100
3) Chloromethane	1.74	50	56311	6.19	ppb		98
4) Vinyl Chloride	1.84	62	39321	5.33	ppb		100
5) Bromomethane	2.14	94	39800	6.64	ppb		96
6) Chloroethane	2.24	64	20695	5.82	ppb	#	97
7) Trichlorofluoromethane	2.48	101	81451	6.25	ppb		98
8) Ethyl Ether	2.76	59	17637	6.05	ppb	#	67
9) Freon-113	2.96	101	45508	6.70	ppb		94
10) 1,1-Dichloroethylene	2.96	61	57227	6.39	ppb		99
11) Acrolein	2.87	56	951	2.57	ppb	#	10
12) Iodomethane	3.10	142	26274	7.51	ppb		97
13) Methyl Acetate	3.30	43	12844	6.62	ppb	#	91
15) trans-1,2-Dichloroethylene	3.64	61	45308	5.24	ppb		95
16) Carbon Disulfide	3.16	76	80687	5.71	ppb		99
17) Methylene Chloride	3.39	49	53107	9.63	ppb		98
18) Acrylonitrile	3.62	53	3937	4.51	ppb	#	64
19) tert-Butyl Methyl Ether (M	3.66	73	67175	26.42	ppb		99
20) Acetone	3.01	43	20701	12.41	ppb	#	100
21) 1,1-Dichloroethane	4.02	63	61972	5.35	ppb		97
22) Vinyl Acetate	4.07	43	43939	5.42	ppb	#	98
23) cis-1,2-Dichloroethylene	4.56	96	43723	5.72	ppb	#	46
24) 2-Butanone	4.58	72	1543m	3.87	ppb		
25) 2,2-Dichloropropane	4.56	77	64952	6.45	ppb		99
26) Bromochloromethane	4.78	49	19186	3.78	ppb		95
27) Chloroform	4.85	83	77365	5.65	ppb		99
28) Tetrahydrofuran	4.84	71	1320m	4.42	ppb		
29) 1,1-Dichloropropylene	5.18	75	65290	6.01	ppb	#	88
30) 1,1,1-Trichloroethane	5.02	97	82031	5.79	ppb		100
31) Cyclohexane	5.08	56	70650m	2.64	ppb		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188257C.D
Acq On : 17 Apr 2013 4:25 pm
Sample : 5 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:44 2013

Vial: 6
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33) Carbon Tetrachloride	5.18	117	70078	5.50	ppb		98
34) 1,2-Dichloroethane	5.38	62	52306	5.89	ppb	#	98
35) Benzene	5.36	78	138071	5.72	ppb	#	100
37) Trichloroethylene	5.97	95	50268	5.88	ppb		97
38) Methyl Cyclohexane	6.15	83	71197	5.61	ppb	#	98
39) Dibromomethane	6.30	93	13768	3.58	ppb	#	72
40) Methyl Methacrylate	6.28	69	14691	4.74	ppb		99
41) Bromodichloromethane	6.44	83	56737	5.30	ppb		98
42) 1,2-Dichloropropane	6.18	63	29327	4.72	ppb	#	87
43) 1,4-Dioxane	6.32	88	5087	88.53	ppb	#	67
44) 2-Chloroethylvinyl ether	6.73	63	11789	69.19	ppb	#	100
45) cis-1,3-Dichloropropene	6.87	75	58725	5.37	ppb		99
46) 2-Hexanone	7.87	43	38483	11.79	ppb	#	85
48) Toluene	7.21	91	167836	5.76	ppb		100
49) trans-1,3-Dichloropropene	7.43	75	50146	5.19	ppb	#	88
50) 1,1,2-Trichloroethane	7.62	83	22182	5.56	ppb		96
51) 1,3-Dichloropropane	7.79	76	49011	5.53	ppb	#	99
52) Tetrachloroethylene	7.77	166	53296	5.32	ppb		98
53) 4-Methyl-2-Pentanone	7.03	43	30935	4.95	ppb		100
54) Dibromochloromethane	8.02	129	36608	4.95	ppb		100
55) 1,2-Dibromoethane	8.15	107	30963	5.60	ppb		100
56) Chlorobenzene	8.66	112	112930	5.55	ppb		99
57) Ethyl Benzene	8.77	91	208753	5.80	ppb		99
58) p- & m-Xylenes	8.90	91	323667	11.93	ppb		100
59) o-Xylene	9.32	91	161803	5.74	ppb		100
60) Styrene	9.34	104	116573	5.53	ppb		99
61) 1,1,1,2-Tetrachloroethane	8.74	131	43287	5.47	ppb		97
63) Bromoform	9.54	173	18830	4.48	ppb	#	100
65) p-Ethyltoulene	10.31	105	204329	5.58	ppb		98
66) p-Diethylbenzene	11.59	119	104650	5.41	ppb		96
67) 1,1,2,2-Tetrachloroethane	10.05	83	27166	4.75	ppb	#	96
68) 1,2,3-Trichloropropane	10.10	110	10543	5.25	ppb		98
69) Isopropylbenzene	9.72	105	214764	5.43	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.52	75	4671	4.03	ppb	#	68
71) Bromobenzene	10.06	77	77100	5.26	ppb		99
72) trans-1,4-Dichloro-2-buten	10.10	75	34428m	4.79	ppb		
73) n-Propylbenzene	10.18	91	247902	5.55	ppb		99
74) 2-Chlorotoluene	10.28	91	167474	5.64	ppb		99
75) 4-Chlorotoluene	10.40	91	165504	5.58	ppb		100
76) tert-Butylbenzene	10.74	119	186078	5.37	ppb	#	100
77) 1,3,5-trimethylbenzene	10.38	105	174927	5.62	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188257C.D
Acq On : 17 Apr 2013 4:25 pm
Sample : 5 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 6
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:44 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

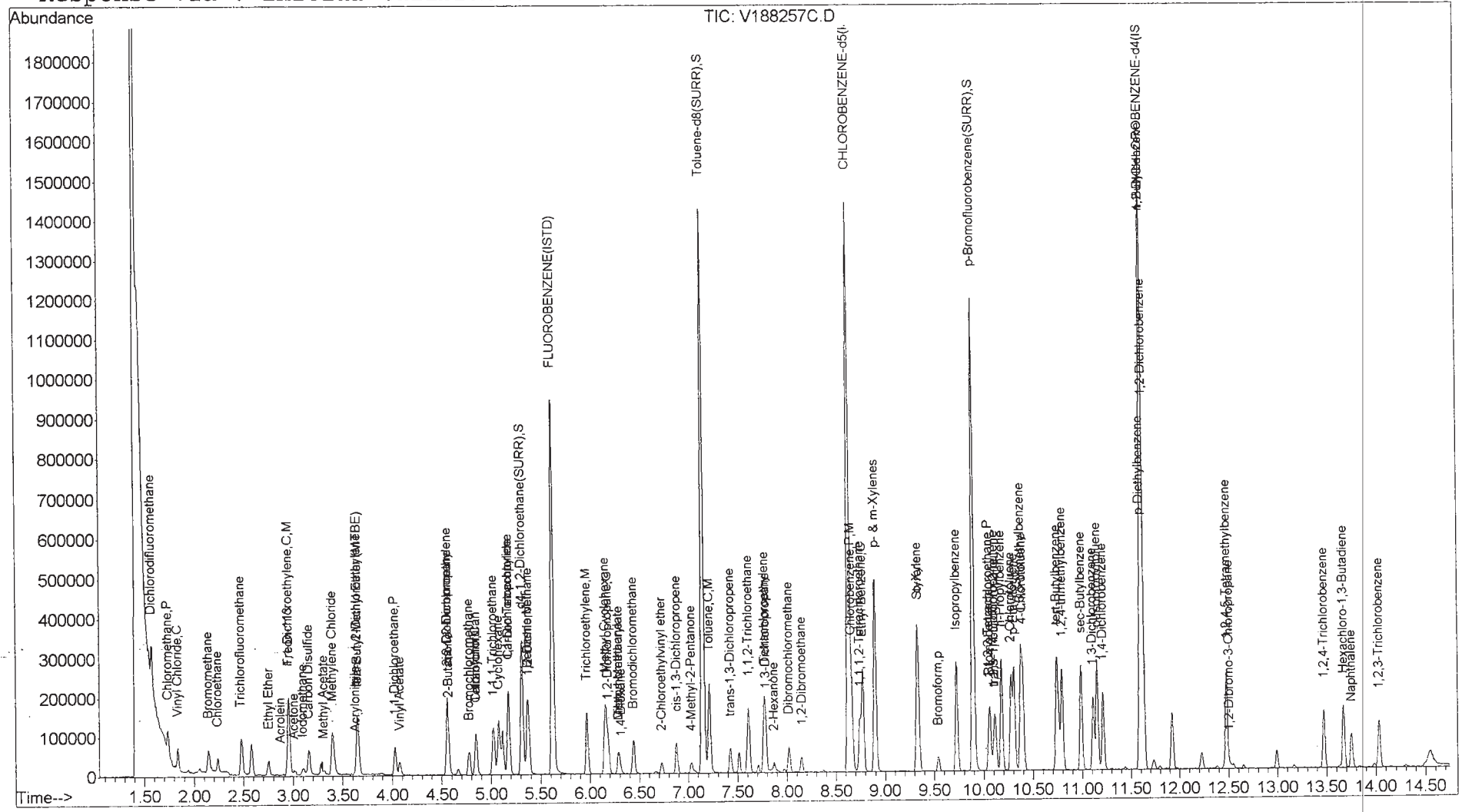
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78)	1,2,4-trimethylbenzene	10.80	105	174659	5.63	ppb		99
79)	sec-Butylbenzene	10.99	105	222997	5.43	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	84759	5.45	ppb	#	99
81)	1,4-Dichlorobenzene	11.21	146	84555	5.53	ppb	#	99
82)	1,2-Dichlorobenzene	11.63	146	72840	5.46	ppb	#	96
83)	p-Isopropyltoluene	11.15	119	186451	5.44	ppb	#	100
84)	n-Butylbenzene	11.62	91	216265	5.66	ppb		99
85)	1,2,4,5-Tetramethylbenzene	12.48	119	161715	5.51	ppb		98
86)	1,2,4-Trichlorobenzene	13.47	180	56290	5.75	ppb		99
87)	Naphthalene	13.75	128	82463	5.13	ppb	#	97
88)	Hexachloro-1,3-Butadiene	13.67	225	37241	5.45	ppb	#	100
89)	1,2,3-Trichlorobenzene	14.04	182	45179	5.56	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188257C.D Vial: 6
Acq On : 17 Apr 2013 4:25 pm Operator: SS
Sample : 5 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:44 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:45:06 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188258C.D
Acq On : 17 Apr 2013 5:03 pm
Sample : 10 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:45 2013

Vial: 7
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	174358	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	886525	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	356292	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	247885	50.84	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.68%				
47) Toluene-d8(SURR)	7.15	98	951888	49.51	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 99.02%				
64) p-Bromofluorobenzene(SURR)	9.90	174	356008	48.74	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 97.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	147580	10.54	ppb		99
3) Chloromethane	1.73	50	105839	11.38	ppb		99
4) Vinyl Chloride	1.84	62	81817	10.86	ppb		99
5) Bromomethane	2.14	94	64339	10.49	ppb		93
6) Chloroethane	2.24	64	42765	11.76	ppb		98
7) Trichlorofluoromethane	2.48	101	156690	11.75	ppb		99
8) Ethyl Ether	2.75	59	34657	11.64	ppb		97
9) Freon-113	2.96	101	86376	12.43	ppb		94
10) 1,1-Dichloroethylene	2.95	61	110509	12.07	ppb		99
11) Acrolein	2.87	56	2369	6.27	ppb	#	33
12) Iodomethane	3.10	142	45887	12.83	ppb		96
13) Methyl Acetate	3.32	43	17151	8.64	ppb	#	95
14) tert-Butyl Alcohol (TBA)	3.52	59	3373m	27.82	ppb		
15) trans-1,2-Dichloroethylene	3.65	61	88916	10.05	ppb		99
16) Carbon Disulfide	3.16	76	163037	11.28	ppb		100
17) Methylene Chloride	3.39	49	85314	15.13	ppb		96
18) Acrylonitrile	3.63	53	8799	9.86	ppb		88
19) tert-Butyl Methyl Ether (M	3.66	73	126789	48.78	ppb		99
20) Acetone	3.01	43	26527	15.55	ppb	#	100
21) 1,1-Dichloroethane	4.03	63	120953	10.22	ppb		100
22) Vinyl Acetate	4.08	43	72631	8.76	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	85390	10.93	ppb	#	46
24) 2-Butanone	4.58	72	2965	7.26	ppb	#	33
25) 2,2-Dichloropropane	4.56	77	130811	12.71	ppb		100
26) Bromochloromethane	4.78	49	41840	8.06	ppb		99
27) Chloroform	4.85	83	152723	10.91	ppb		99
28) Tetrahydrofuran	4.84	71	3164	10.36	ppb	#	62
29) 1,1-Dichloropropylene	5.17	75	121142	10.91	ppb		99
30) 1,1,1-Trichloroethane	5.03	97	161983	11.19	ppb	#	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188258C.D
Acq On : 17 Apr 2013 5:03 pm
Sample : 10 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:45 2013

Vial: 7
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.07	56	139091m	5.09	ppb		
33)	Carbon Tetrachloride	5.18	117	138337	10.61	ppb		99
34)	1,2-Dichloroethane	5.38	62	102036	11.23	ppb		99
35)	Benzene	5.37	78	255871	10.36	ppb	#	100
37)	Trichloroethylene	5.97	95	93561	10.77	ppb		100
38)	Methyl Cyclohexane	6.15	83	134919	10.45	ppb	#	100
39)	Dibromomethane	6.30	93	30527	7.82	ppb	#	63
40)	Methyl Methacrylate	6.29	69	28968	9.20	ppb		100
41)	Bromodichloromethane	6.44	83	111791	10.28	ppb		99
42)	1,2-Dichloropropane	6.18	63	57419	9.10	ppb		97
43)	1,4-Dioxane	6.32	88	9626	164.81	ppb		92
44)	2-Chloroethylvinyl ether	6.72	63	21441	123.80	ppb	#	100
45)	cis-1,3-Dichloropropene	6.88	75	113416	10.21	ppb		99
46)	2-Hexanone	7.87	43	53283	16.06	ppb	#	76
48)	Toluene	7.21	91	318953	10.78	ppb		100
49)	trans-1,3-Dichloropropene	7.42	75	98441	10.02	ppb		99
50)	1,1,2-Trichloroethane	7.62	83	39844	9.83	ppb		97
51)	1,3-Dichloropropane	7.79	76	89978	9.99	ppb	#	86
52)	Tetrachloroethylene	7.77	166	105365	10.34	ppb		98
53)	4-Methyl-2-Pentanone	7.03	43	60101	9.46	ppb		99
54)	Dibromochloromethane	8.02	129	72936	9.71	ppb		98
55)	1,2-Dibromoethane	8.15	107	58573	10.43	ppb		99
56)	Chlorobenzene	8.66	112	216557	10.46	ppb		99
57)	Ethyl Benzene	8.77	91	396448	10.84	ppb		100
58)	p- & m-Xylenes	8.90	91	620180	22.49	ppb		99
59)	o-Xylene	9.33	91	310800	10.85	ppb		100
60)	Styrene	9.34	104	224997	10.51	ppb		99
61)	1,1,1,2-Tetrachloroethane	8.74	131	81332	10.11	ppb		96
63)	Bromoform	9.54	173	39081	9.08	ppb	#	100
65)	p-Ethyltoulene	10.30	105	386778	10.33	ppb		100
66)	p-Diethylbenzene	11.59	119	200851	10.15	ppb		96
67)	1,1,2,2-Tetrachloroethane	10.05	83	56018	9.56	ppb	#	69
68)	1,2,3-Trichloropropane	10.10	110	20311	9.88	ppb		98
69)	Isopropylbenzene	9.73	105	419690	10.36	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.51	75	11268	9.49	ppb		97
71)	Bromobenzene	10.06	77	149213	9.95	ppb		99
72)	trans-1,4-Dichloro-2-buten	10.10	75	67837m	9.21	ppb		
73)	n-Propylbenzene	10.18	91	476216	10.41	ppb		100
74)	2-Chlorotoluene	10.27	91	316490	10.41	ppb		100
75)	4-Chlorotoluene	10.39	91	315706	10.39	ppb		100
76)	tert-Butylbenzene	10.74	119	365298	10.30	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188258C.D
Acq On : 17 Apr 2013 5:03 pm
Sample : 10 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 7
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:45 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

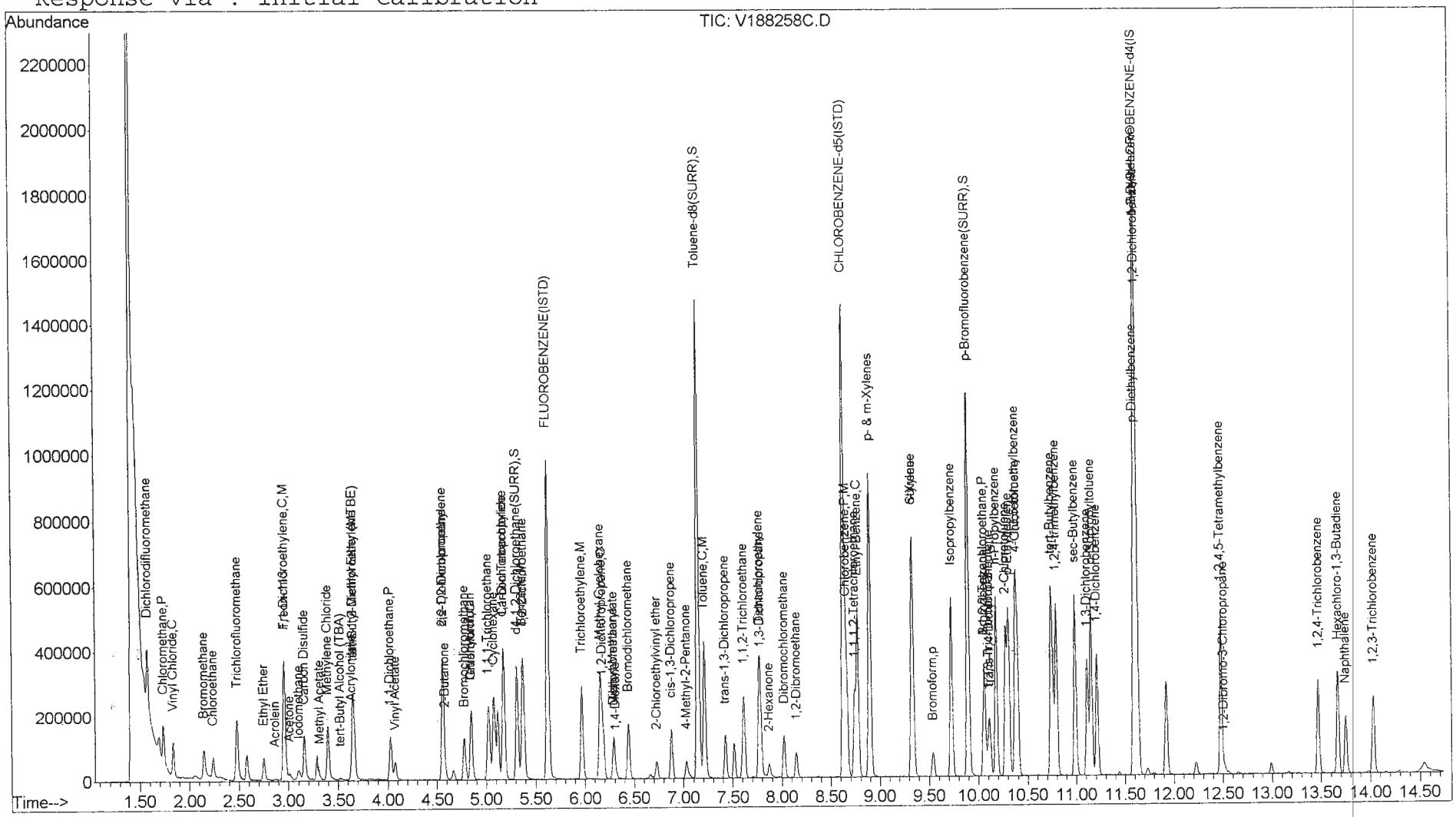
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.37	105	330904	10.39	ppb		100
78)	1,2,4-trimethylbenzene	10.79	105	334315	10.52	ppb		99
79)	sec-Butylbenzene	10.99	105	441873	10.51	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	163376	10.27	ppb	#	99
81)	1,4-Dichlorobenzene	11.21	146	167746	10.71	ppb	#	99
82)	1,2-Dichlorobenzene	11.63	146	146537	10.73	ppb	#	99
83)	p-Isopropyltoluene	11.15	119	365150	10.41	ppb	#	99
84)	n-Butylbenzene	11.62	91	416402	10.65	ppb	#	86
85)	1,2,4,5-Tetramethylbenzene	12.48	119	301999	10.05	ppb		99
86)	1,2,4-Trichlorobenzene	13.47	180	105338	10.50	ppb		98
87)	Naphthalene	13.75	128	157116	9.55	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	71508	10.23	ppb	#	100
89)	1,2,3-Trichlorobenzene	14.03	182	85661	10.31	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188258C.D Vial: 7
Acq On : 17 Apr 2013 5:03 pm Operator: SS
Sample : 10 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:45 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188259C.D
Acq On : 17 Apr 2013 5:41 pm
Sample : 20 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 8
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	165373	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	867434	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	347264	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	243090	52.57	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 105.14%				
47) Toluene-d8(SURR)	7.15	98	928035	49.33	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.66%				
64) p-Bromofluorobenzene(SURR)	9.90	174	354522	49.80	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	292772	22.04	ppb		100
3) Chloromethane	1.74	50	183589	20.82	ppb		100
4) Vinyl Chloride	1.84	62	164463	23.01	ppb		98
5) Bromomethane	2.14	94	95257	16.38	ppb		95
6) Chloroethane	2.24	64	82058	23.80	ppb	#	97
7) Trichlorofluoromethane	2.48	101	315517	24.95	ppb		100
8) Ethyl Ether	2.75	59	74223	26.28	ppb		97
9) Freon-113	2.96	101	160604	24.37	ppb		97
10) 1,1-Dichloroethylene	2.96	61	223260	25.71	ppb		99
11) Acrolein	2.87	56	6104	17.04	ppb		96
12) Iodomethane	3.10	142	91514	26.97	ppb		99
13) Methyl Acetate	3.31	43	36728	19.51	ppb		98
14) tert-Butyl Alcohol (TBA)	3.52	59	7080	61.57	ppb	#	100
15) trans-1,2-Dichloroethylene	3.65	61	177320	21.13	ppb		98
16) Carbon Disulfide	3.16	76	337467	24.61	ppb		100
17) Methylene Chloride	3.40	49	156253	29.22	ppb		98
18) Acrylonitrile	3.62	53	15854	18.73	ppb		95
19) tert-Butyl Methyl Ether (M	3.66	73	267488	108.50	ppb		98
20) Acetone	3.01	43	36257	22.41	ppb	#	100
21) 1,1-Dichloroethane	4.03	63	207191	18.45	ppb		100
22) Vinyl Acetate	4.08	43	134319	17.08	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	169332	22.86	ppb	#	46
24) 2-Butanone	4.57	72	7779	20.09	ppb		84
25) 2,2-Dichloropropane	4.56	77	252248	25.84	ppb		100
26) Bromochloromethane	4.78	49	88499	17.98	ppb		94
27) Chloroform	4.85	83	309335	23.31	ppb		99
28) Tetrahydrofuran	4.84	71	6601	22.78	ppb	#	39
29) 1,1-Dichloropropylene	5.17	75	244607	23.22	ppb		100
30) 1,1,1-Trichloroethane	5.02	97	324220	23.61	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188259C.D
Acq On : 17 Apr 2013 5:41 pm
Sample : 20 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 8
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.11	56	323227m	12.46	ppb		
33)	Carbon Tetrachloride	5.18	117	276698	22.38	ppb		99
34)	1,2-Dichloroethane	5.38	62	203062	23.56	ppb		100
35)	Benzene	5.37	78	512047	21.87	ppb	#	100
37)	Trichloroethylene	5.97	95	185923	21.88	ppb		99
38)	Methyl Cyclohexane	6.15	83	263431	20.85	ppb	#	100
39)	Dibromomethane	6.29	93	65273	17.08	ppb		99
40)	Methyl Methacrylate	6.29	69	62280	20.22	ppb		100
41)	Bromodichloromethane	6.44	83	223775	21.02	ppb		100
42)	1,2-Dichloropropane	6.18	63	117796	19.08	ppb		97
43)	1,4-Dioxane	6.32	88	18994	332.36	ppb		93
44)	2-Chloroethylvinyl ether	6.73	63	44582	263.08	ppb	#	100
45)	cis-1,3-Dichloropropene	6.87	75	221017	20.34	ppb		99
46)	2-Hexanone	7.87	43	76164	23.46	ppb		96
48)	Toluene	7.21	91	611873	21.13	ppb		100
49)	trans-1,3-Dichloropropene	7.43	75	203569	21.18	ppb		99
50)	1,1,2-Trichloroethane	7.61	83	85478	21.56	ppb		98
51)	1,3-Dichloropropane	7.79	76	182703	20.73	ppb	#	99
52)	Tetrachloroethylene	7.77	166	207449	20.81	ppb		98
53)	4-Methyl-2-Pentanone	7.03	43	127079	20.45	ppb		99
54)	Dibromochloromethane	8.02	129	154182	20.97	ppb		99
55)	1,2-Dibromoethane	8.15	107	117778	21.43	ppb		100
56)	Chlorobenzene	8.66	112	426358	21.05	ppb		100
57)	Ethyl Benzene	8.77	91	783078	21.87	ppb		100
58)	p- & m-Xylenes	8.90	91	1192951	44.21	ppb		100
59)	o-Xylene	9.33	91	612733	21.86	ppb		99
60)	Styrene	9.34	104	443886	21.18	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.74	131	163573	20.78	ppb		98
63)	Bromoform	9.54	173	84076	20.04	ppb	#	100
65)	p-Ethyltoulene	10.30	105	749685	20.53	ppb		99
66)	p-Diethylbenzene	11.59	119	387806	20.11	ppb		98
67)	1,1,2,2-Tetrachloroethane	10.05	83	114420	20.04	ppb		100
68)	1,2,3-Trichloropropane	10.10	110	42718	21.32	ppb		89
69)	Isopropylbenzene	9.73	105	807929	20.46	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.52	75	24638	21.29	ppb		99
71)	Bromobenzene	10.06	77	289601	19.81	ppb		98
72)	trans-1,4-Dichloro-2-buten	10.10	75	144045m	20.07	ppb		
73)	n-Propylbenzene	10.18	91	920043	20.63	ppb		100
74)	2-Chlorotoluene	10.27	91	611634	20.64	ppb		100
75)	4-Chlorotoluene	10.40	91	608804	20.56	ppb		100
76)	tert-Butylbenzene	10.74	119	722136	20.89	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188259C.D
Acq On : 17 Apr 2013 5:41 pm
Sample : 20 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 8
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

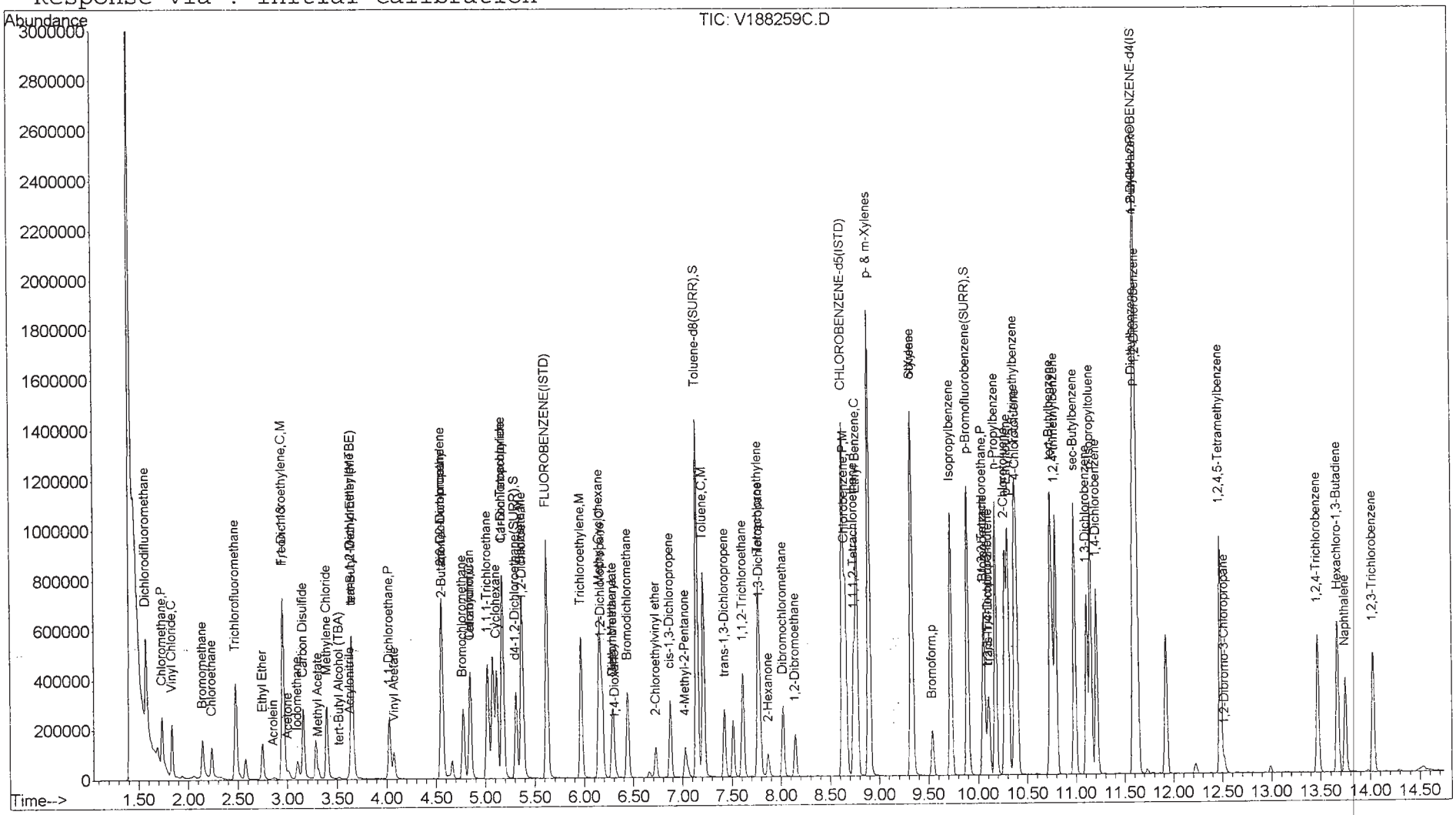
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.37	105	641707	20.67	ppb		99
78)	1,2,4-trimethylbenzene	10.79	105	660962	21.34	ppb		99
79)	sec-Butylbenzene	10.99	105	847867	20.70	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	322974	20.83	ppb	#	99
81)	1,4-Dichlorobenzene	11.21	146	314908	20.63	ppb	#	100
82)	1,2-Dichlorobenzene	11.63	146	281849	21.16	ppb	#	68
83)	p-Isopropyltoluene	11.15	119	712774	20.86	ppb	#	100
84)	n-Butylbenzene	11.62	91	790077	20.74	ppb	#	86
85)	1,2,4,5-Tetramethylbenzene	12.48	119	592417	20.22	ppb		100
86)	1,2,4-Trichlorobenzene	13.47	180	196582	20.11	ppb		98
87)	Naphthalene	13.75	128	322033	20.08	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	136314	20.00	ppb	#	68
89)	1,2,3-Trichlorobenzene	14.03	182	165186	20.39	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188259C.D Vial: 8
Acq On : 17 Apr 2013 5:41 pm Operator: SS
Sample : 20 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:45:58 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188260C.D Vial: 9
Acq On : 17 Apr 2013 6:20 pm Operator: SS
Sample : 50 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	169142	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	874667	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	349696	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	250087	52.87	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 105.74%				
47) Toluene-d8(SURR)	7.15	98	932605	49.16	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.32%				
64) p-Bromofluorobenzene(SURR)	9.89	174	356718	49.76	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	692318	50.97	ppb		99
3) Chloromethane	1.74	50	436238	48.36	ppb		99
4) Vinyl Chloride	1.84	62	388126	53.08	ppb		100
5) Bromomethane	2.14	94	207994	34.97	ppb		94
6) Chloroethane	2.24	64	202135	57.32	ppb		100
7) Trichlorofluoromethane	2.48	101	759355	58.71	ppb		100
8) Ethyl Ether	2.75	59	187855	65.02	ppb		97
9) Freon-113	2.95	101	425139	63.07	ppb		97
10) 1,1-Dichloroethylene	2.96	61	553322	62.30	ppb		100
11) Acrolein	2.86	56	15955	43.54	ppb		96
12) Iodomethane	3.10	142	288282	83.06	ppb		100
13) Methyl Acetate	3.31	43	85099	44.19	ppb		100
14) tert-Butyl Alcohol (TBA)	3.52	59	19882	169.04	ppb	#	100
15) trans-1,2-Dichloroethylene	3.65	61	453955	52.90	ppb		98
16) Carbon Disulfide	3.16	76	892802	63.66	ppb		100
17) Methylene Chloride	3.39	49	352749	64.49	ppb		96
18) Acrylonitrile	3.62	53	45921	53.04	ppb	#	83
19) tert-Butyl Methyl Ether (M	3.65	73	675634	267.94	ppb		99
20) Acetone	3.01	43	93030	56.21	ppb	#	100
21) 1,1-Dichloroethane	4.02	63	528854	46.04	ppb		100
22) Vinyl Acetate	4.07	43	253863	31.56	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	413546	54.59	ppb	#	46
24) 2-Butanone	4.58	72	19578	49.45	ppb		99
25) 2,2-Dichloropropane	4.56	77	653802	65.48	ppb		100
26) Bromochloromethane	4.77	49	240628	47.80	ppb		94
27) Chloroform	4.85	83	788561	58.09	ppb		99
28) Tetrahydrofuran	4.84	71	18656	62.95	ppb		75
29) 1,1-Dichloropropylene	5.17	75	606910	56.32	ppb		100
30) 1,1,1-Trichloroethane	5.02	97	806709	57.44	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188260C.D Vial: 9
Acq On : 17 Apr 2013 6:20 pm Operator: SS
Sample : 50 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31) Cyclohexane	5.07	56	598996m	22.58	ppb		
33) Carbon Tetrachloride	5.18	117	710643	56.19	ppb		99
34) 1,2-Dichloroethane	5.38	62	522979	59.33	ppb		100
35) Benzene	5.37	78	1304212	54.45	ppb	#	100
37) Trichloroethylene	5.96	95	456841	53.32	ppb		99
38) Methyl Cyclohexane	6.16	83	651104	51.12	ppb	#	71
39) Dibromomethane	6.29	93	179468	46.59	ppb		97
40) Methyl Methacrylate	6.29	69	154817	49.84	ppb		99
41) Bromodichloromethane	6.44	83	565403	52.68	ppb		100
42) 1,2-Dichloropropane	6.18	63	311000	49.95	ppb		97
43) 1,4-Dioxane	6.32	88	54835	951.57	ppb		94
44) 2-Chloroethylvinyl ether	6.72	63	123381	722.04	ppb	#	100
45) cis-1,3-Dichloropropene	6.88	75	570681	52.08	ppb		99
46) 2-Hexanone	7.87	43	166444	50.85	ppb		98
48) Toluene	7.21	91	1567146	53.67	ppb		99
49) trans-1,3-Dichloropropene	7.42	75	521968	53.86	ppb		99
50) 1,1,2-Trichloroethane	7.61	83	212802	53.22	ppb		99
51) 1,3-Dichloropropane	7.79	76	474088	53.34	ppb	#	100
52) Tetrachloroethylene	7.77	166	525574	52.28	ppb		98
53) 4-Methyl-2-Pentanone	7.03	43	285303	45.53	ppb		99
54) Dibromochloromethane	8.02	129	407305	54.95	ppb		100
55) 1,2-Dibromoethane	8.15	107	299432	54.04	ppb		100
56) Chlorobenzene	8.66	112	1072689	52.53	ppb		99
57) Ethyl Benzene	8.77	91	1971574	54.62	ppb		100
58) p- & m-Xylenes	8.90	91	3013370	110.76	ppb		100
59) o-Xylene	9.33	91	1544024	54.64	ppb		100
60) Styrene	9.34	104	1139059	53.91	ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	417646	52.61	ppb		99
63) Bromoform	9.54	173	219755	52.02	ppb	#	100
65) p-Ethyltoulene	10.30	105	1876551	51.04	ppb		98
66) p-Diethylbenzene	11.59	119	997901	51.39	ppb		98
67) 1,1,2,2-Tetrachloroethane	10.04	83	289371	50.33	ppb		99
68) 1,2,3-Trichloropropane	10.10	110	110013	54.53	ppb		87
69) Isopropylbenzene	9.73	105	2066857	51.97	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.51	75	61589	52.85	ppb		98
71) Bromobenzene	10.06	77	741207	50.35	ppb		98
72) trans-1,4-Dichloro-2-buten	10.10	75	355745m	49.23	ppb		
73) n-Propylbenzene	10.18	91	2332691	51.95	ppb		100
74) 2-Chlorotoluene	10.27	91	1550474	51.96	ppb		100
75) 4-Chlorotoluene	10.40	91	1534793	51.47	ppb		100
76) tert-Butylbenzene	10.74	119	1836306	52.76	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188260C.D
Acq On : 17 Apr 2013 6:20 pm
Sample : 50 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 9
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

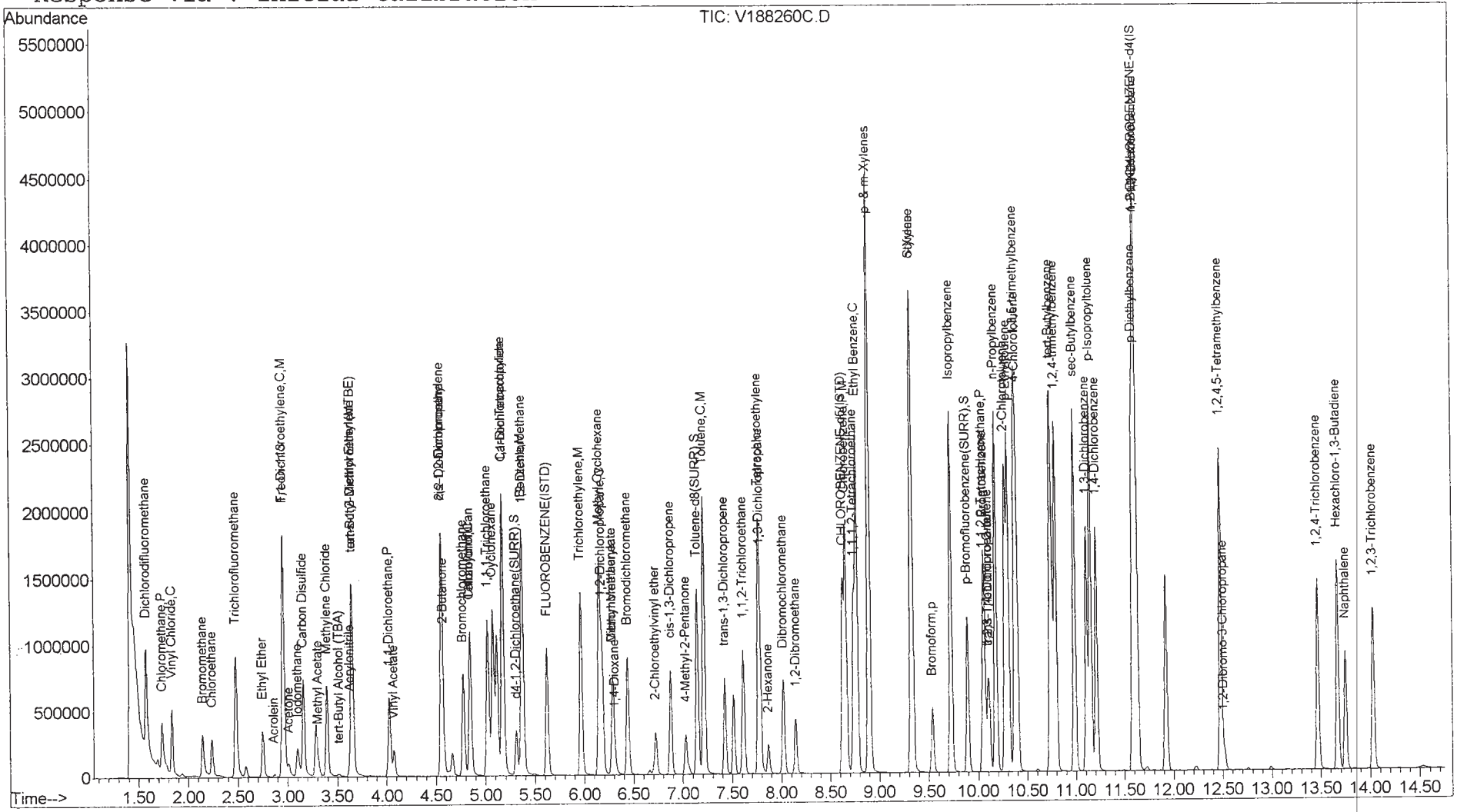
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.37	105	1623809	51.95	ppb		100
78)	1,2,4-trimethylbenzene	10.79	105	1650482	52.91	ppb		99
79)	sec-Butylbenzene	10.99	105	2151756	52.17	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	821942	52.63	ppb	#	100
81)	1,4-Dichlorobenzene	11.21	146	797911	51.91	ppb	#	99
82)	1,2-Dichlorobenzene	11.63	146	698167	52.06	ppb	#	100
83)	p-Isopropyltoluene	11.15	119	1787617	51.94	ppb	#	100
84)	n-Butylbenzene	11.62	91	2013585	52.49	ppb		100
85)	1,2,4,5-Tetramethylbenzene	12.48	119	1492082	50.58	ppb		99
86)	1,2,4-Trichlorobenzene	13.47	180	511563	51.97	ppb		99
87)	Naphthalene	13.75	128	804791	49.84	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	346956	50.55	ppb	#	68
89)	1,2,3-Trichlorobenzene	14.03	182	421864	51.71	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188260C.D Vial: 9
Acq On : 17 Apr 2013 6:20 pm Operator: SS
Sample : 50 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:46 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188261C.D
Acq On : 17 Apr 2013 6:58 pm
Sample : 100 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 10
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	169142	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	863236	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	341084	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	246043	52.02	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 104.04%				
47) Toluene-d8(SURR)	7.14	98	923634	49.34	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.68%				
64) p-Bromofluorobenzene(SURR)	9.89	174	347060	49.63	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.26%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	1353059	99.61	ppb		100
3) Chloromethane	1.74	50	837591	92.86	ppb		100
4) Vinyl Chloride	1.84	62	764323	104.54	ppb		100
5) Bromomethane	2.14	94	450618	75.77	ppb		96
6) Chloroethane	2.24	64	402599	114.17	ppb		100
7) Trichlorofluoromethane	2.48	101	1512854	116.96	ppb		100
8) Ethyl Ether	2.75	59	370110	128.11	ppb		97
9) Freon-113	2.96	101	863019	128.04	ppb		96
10) 1,1-Dichloroethylene	2.96	61	1077057	121.27	ppb		98
11) Acrolein	2.87	56	35345	96.45	ppb		88
12) Iodomethane	3.10	142	684108	197.10	ppb		98
13) Methyl Acetate	3.31	43	177862	92.36	ppb		99
14) tert-Butyl Alcohol (TBA)	3.51	59	43198	367.27	ppb	#	100
15) trans-1,2-Dichloroethylene	3.64	61	887614	103.43	ppb		97
16) Carbon Disulfide	3.16	76	1784665	127.26	ppb		100
17) Methylene Chloride	3.40	49	673469	123.12	ppb		96
18) Acrylonitrile	3.62	53	88540	102.26	ppb	#	60
19) tert-Butyl Methyl Ether (M	3.66	73	1325487	525.66	ppb		99
20) Acetone	3.01	43	154182	93.17	ppb	#	100
21) 1,1-Dichloroethane	4.03	63	1076429	93.72	ppb		99
22) Vinyl Acetate	4.07	43	654294	81.34	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	846939	111.80	ppb	#	46
24) 2-Butanone	4.58	72	41439	104.66	ppb		99
25) 2,2-Dichloropropane	4.56	77	1359826	136.18	ppb		100
26) Bromochloromethane	4.78	49	478227	95.00	ppb		97
27) Chloroform	4.85	83	1570334	115.69	ppb		100
28) Tetrahydrofuran	4.83	71	40757	137.53	ppb		88
29) 1,1-Dichloropropylene	5.17	75	1199950	111.36	ppb		100
30) 1,1,1-Trichloroethane	5.02	97	1623713	115.61	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188261C.D
Acq On : 17 Apr 2013 6:58 pm
Sample : 100 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 10
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.08	56	1312938m	49.50	ppb		
33)	Carbon Tetrachloride	5.18	117	1415806	111.95	ppb		100
34)	1,2-Dichloroethane	5.38	62	1039214	117.89	ppb		100
35)	Benzene	5.36	78	2564104	107.05	ppb	#	100
37)	Trichloroethylene	5.97	95	926687	109.59	ppb		99
38)	Methyl Cyclohexane	6.15	83	1341458	106.71	ppb	#	98
39)	Dibromomethane	6.30	93	402168	105.77	ppb		98
40)	Methyl Methacrylate	6.28	69	324280	105.77	ppb		99
41)	Bromodichloromethane	6.44	83	1177451	111.15	ppb		100
42)	1,2-Dichloropropane	6.18	63	606307	98.68	ppb		97
43)	1,4-Dioxane	6.32	88	97048	1706.40	ppb		99
44)	2-Chloroethylvinyl ether	6.73	63	260520	1544.79	ppb	#	100
45)	cis-1,3-Dichloropropene	6.87	75	1144140	105.79	ppb		99
46)	2-Hexanone	7.87	43	356824	110.45	ppb		98
48)	Toluene	7.21	91	3056608	106.07	ppb		99
49)	trans-1,3-Dichloropropene	7.43	75	1070483	111.92	ppb		100
50)	1,1,2-Trichloroethane	7.62	83	430891	109.19	ppb		99
51)	1,3-Dichloropropane	7.79	76	925154	105.46	ppb	#	86
52)	Tetrachloroethylene	7.77	166	1072508	108.10	ppb		98
53)	4-Methyl-2-Pentanone	7.03	43	677565	109.56	ppb		100
54)	Dibromochloromethane	8.02	129	832457	113.79	ppb		100
55)	1,2-Dibromoethane	8.15	107	604898	110.61	ppb		99
56)	Chlorobenzene	8.66	112	2136496	106.02	ppb		100
57)	Ethyl Benzene	8.77	91	3846629	107.98	ppb		100
58)	p- & m-Xylenes	8.90	91	5823431	216.88	ppb		99
59)	o-Xylene	9.32	91	3039530	108.99	ppb		100
60)	Styrene	9.34	104	2274484	109.06	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.74	131	847498	108.18	ppb		99
63)	Bromoform	9.54	173	476565	115.67	ppb	#	100
65)	p-Ethyltoulene	10.31	105	3950066	110.16	ppb		98
66)	p-Diethylbenzene	11.59	119	2104528	111.11	ppb		98
67)	1,1,2,2-Tetrachloroethane	10.05	83	611200	108.99	ppb		99
68)	1,2,3-Trichloropropane	10.10	110	222282	112.96	ppb		87
69)	Isopropylbenzene	9.72	105	4060837	104.68	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.52	75	137037	120.57	ppb		100
71)	Bromobenzene	10.06	77	1483781	103.33	ppb		97
72)	trans-1,4-Dichloro-2-buten	10.10	75	755354m	107.17	ppb		
73)	n-Propylbenzene	10.18	91	4574485	104.45	ppb		100
74)	2-Chlorotoluene	10.28	91	3111963	106.93	ppb		100
75)	4-Chlorotoluene	10.40	91	3050510	104.88	ppb		100
76)	tert-Butylbenzene	10.74	119	3701480	109.03	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188261C.D
Acq On : 17 Apr 2013 6:58 pm
Sample : 100 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 10
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

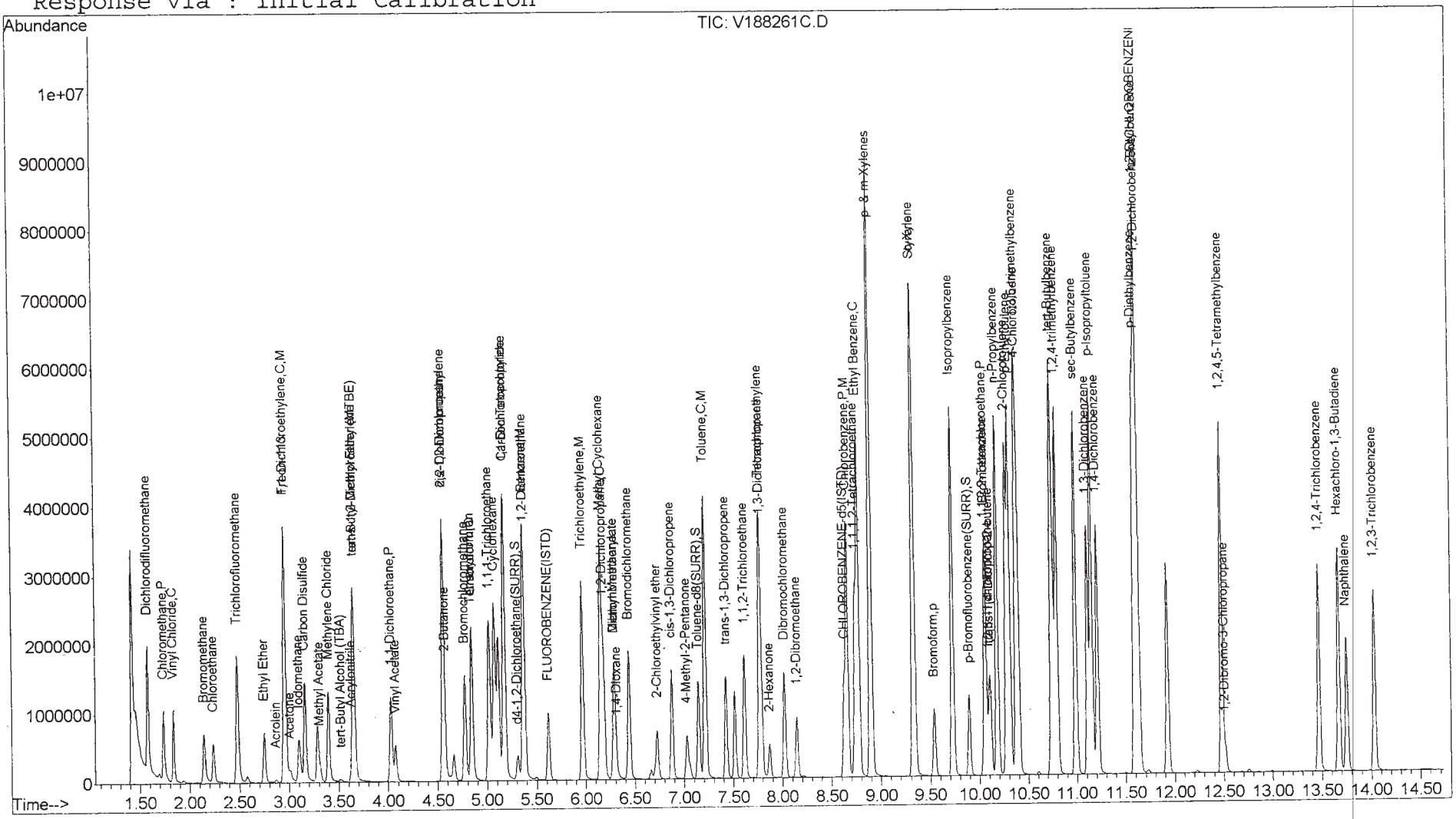
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.38	105	3258775	106.90	ppb		99
78)	1,2,4-trimethylbenzene	10.80	105	3268038	107.42	ppb		100
79)	sec-Butylbenzene	10.99	105	4271868	106.18	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	1660128	108.99	ppb	#	100
81)	1,4-Dichlorobenzene	11.21	146	1627220	108.54	ppb	#	100
82)	1,2-Dichlorobenzene	11.63	146	1457573	111.44	ppb	#	100
83)	p-Isopropyltoluene	11.15	119	3627673	108.07	ppb	#	100
84)	n-Butylbenzene	11.62	91	4034304	107.81	ppb		99
85)	1,2,4,5-Tetramethylbenzene	12.48	119	3136097	108.99	ppb		99
86)	1,2,4-Trichlorobenzene	13.47	180	1058337	110.23	ppb		99
87)	Naphthalene	13.75	128	1746422	110.88	ppb	#	97
88)	Hexachloro-1,3-Butadiene	13.67	225	721928	107.85	ppb	#	100
89)	1,2,3-Trichlorobenzene	14.03	182	887856	111.58	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188261C.D Vial: 10
Acq On : 17 Apr 2013 6:58 pm Operator: SS
Sample : 100 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:08 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188262C.D
Acq On : 17 Apr 2013 7:37 pm
Sample : 200 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 11
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	172923	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	894180	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.62	152	347918	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	256352	53.01	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 106.02%				
47) Toluene-d8(SURR)	7.15	98	967315	49.88	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 99.76%				
64) p-Bromofluorobenzene(SURR)	9.90	174	344906	48.36	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 96.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.58	85	2660748	191.59	ppb		99
3) Chloromethane	1.74	50	1711473	185.59	ppb		100
4) Vinyl Chloride	1.84	62	1581618	211.59	ppb		100
5) Bromomethane	2.14	94	1013941	166.77	ppb		95
6) Chloroethane	2.24	64	833083	231.08	ppb		100
7) Trichlorofluoromethane	2.48	101	3120308	235.97	ppb		100
8) Ethyl Ether	2.75	59	765511	259.17	ppb		95
9) Freon-113	2.96	101	1734033	251.63	ppb		97
10) 1,1-Dichloroethylene	2.96	61	2230139	245.62	ppb		98
11) Acrolein	2.87	56	77380	206.53	ppb		96
12) Iodomethane	3.10	142	1675678	472.24	ppb		100
13) Methyl Acetate	3.31	43	397764	202.04	ppb		99
14) tert-Butyl Alcohol (TBA)	3.51	59	87423	727.02	ppb	#	100
15) trans-1,2-Dichloroethylene	3.64	61	1828492	208.40	ppb		97
16) Carbon Disulfide	3.16	76	3691165	257.45	ppb		100
17) Methylene Chloride	3.40	49	1374870	245.86	ppb		96
18) Acrylonitrile	3.62	53	192371	217.32	ppb	#	62
19) tert-Butyl Methyl Ether (M	3.66	73	2728524	1058.41	ppb		99
20) Acetone	3.01	43	332655	196.61	ppb	#	100
21) 1,1-Dichloroethane	4.03	63	2142035	182.42	ppb		99
22) Vinyl Acetate	4.07	43	1201739	146.13	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	1727099	223.00	ppb	#	46
24) 2-Butanone	4.58	72	86825	214.49	ppb		87
25) 2,2-Dichloropropane	4.56	77	2800416	274.32	ppb		100
26) Bromochloromethane	4.78	49	924588	179.65	ppb		95
27) Chloroform	4.85	83	3190494	229.91	ppb		100
28) Tetrahydrofuran	4.83	71	83187	274.57	ppb	#	64
29) 1,1-Dichloropropylene	5.17	75	2387720	216.74	ppb		99
30) 1,1,1-Trichloroethane	5.02	97	3291058	229.21	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188262C.D
Acq On : 17 Apr 2013 7:37 pm
Sample : 200 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P

Vial: 11
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.08	56	2522349m	93.01	ppb		
33)	Carbon Tetrachloride	5.18	117	2846112	220.12	ppb		100
34)	1,2-Dichloroethane	5.38	62	2093652	232.31	ppb		100
35)	Benzene	5.36	78	5035902	205.66	ppb	#	100
37)	Trichloroethylene	5.97	95	1889717	215.75	ppb		100
38)	Methyl Cyclohexane	6.15	83	2656513	204.00	ppb	#	98
39)	Dibromomethane	6.30	93	834455	211.88	ppb		97
40)	Methyl Methacrylate	6.28	69	639354	201.32	ppb		98
41)	Bromodichloromethane	6.44	83	2371320	216.11	ppb	#	97
42)	1,2-Dichloropropane	6.18	63	1210960	190.26	ppb		97
43)	1,4-Dioxane	6.32	88	223828	3799.39	ppb		97
44)	2-Chloroethylvinyl ether	6.73	63	521127	2983.16	ppb	#	100
45)	cis-1,3-Dichloropropene	6.88	75	2307599	205.98	ppb		99
46)	2-Hexanone	7.87	43	677868	202.57	ppb		99
48)	Toluene	7.21	91	6032225	202.08	ppb		99
49)	trans-1,3-Dichloropropene	7.43	75	2155001	217.51	ppb		100
50)	1,1,2-Trichloroethane	7.62	83	854417	209.03	ppb		99
51)	1,3-Dichloropropane	7.79	76	1846290	203.18	ppb	#	86
52)	Tetrachloroethylene	7.77	166	2172857	211.43	ppb		98
53)	4-Methyl-2-Pentanone	7.03	43	1313686	205.08	ppb		100
54)	Dibromochloromethane	8.02	129	1677711	221.39	ppb		100
55)	1,2-Dibromoethane	8.15	107	1213792	214.27	ppb		99
56)	Chlorobenzene	8.66	112	4244788	203.34	ppb		99
57)	Ethyl Benzene	8.78	91	7387606	200.20	ppb		99
58)	p- & m-Xylenes	8.90	91	10761491	386.92	ppb		97
59)	o-Xylene	9.33	91	5763698	199.51	ppb		99
60)	Styrene	9.34	104	4407402	204.03	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.75	131	1690755	208.34	ppb		99
63)	Bromoform	9.54	173	935746	222.65	ppb	#	100
65)	p-Ethyltoulene	10.31	105	7152269	195.54	ppb		99
66)	p-Diethylbenzene	11.59	119	3902979	202.01	ppb		96
67)	1,1,2,2-Tetrachloroethane	10.05	83	1125573	196.78	ppb		100
68)	1,2,3-Trichloropropane	10.10	110	426979	212.72	ppb		86
69)	Isopropylbenzene	9.73	105	7670163	193.83	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.52	75	249307	215.04	ppb		98
71)	Bromobenzene	10.06	77	2835443	193.59	ppb		96
72)	trans-1,4-Dichloro-2-buten	10.11	75	1419445m	197.43	ppb		
73)	n-Propylbenzene	10.18	91	8408662	188.23	ppb		100
74)	2-Chlorotoluene	10.28	91	5826005	196.25	ppb		100
75)	4-Chlorotoluene	10.40	91	5678871	191.40	ppb		99
76)	tert-Butylbenzene	10.74	119	6944519	200.53	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1041713\V188262C.D
Acq On : 17 Apr 2013 7:37 pm
Sample : 200 ppb VOA CALIBRATION STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:47 2013

Vial: 11
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00359.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00359.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Fri Apr 05 10:18:26 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

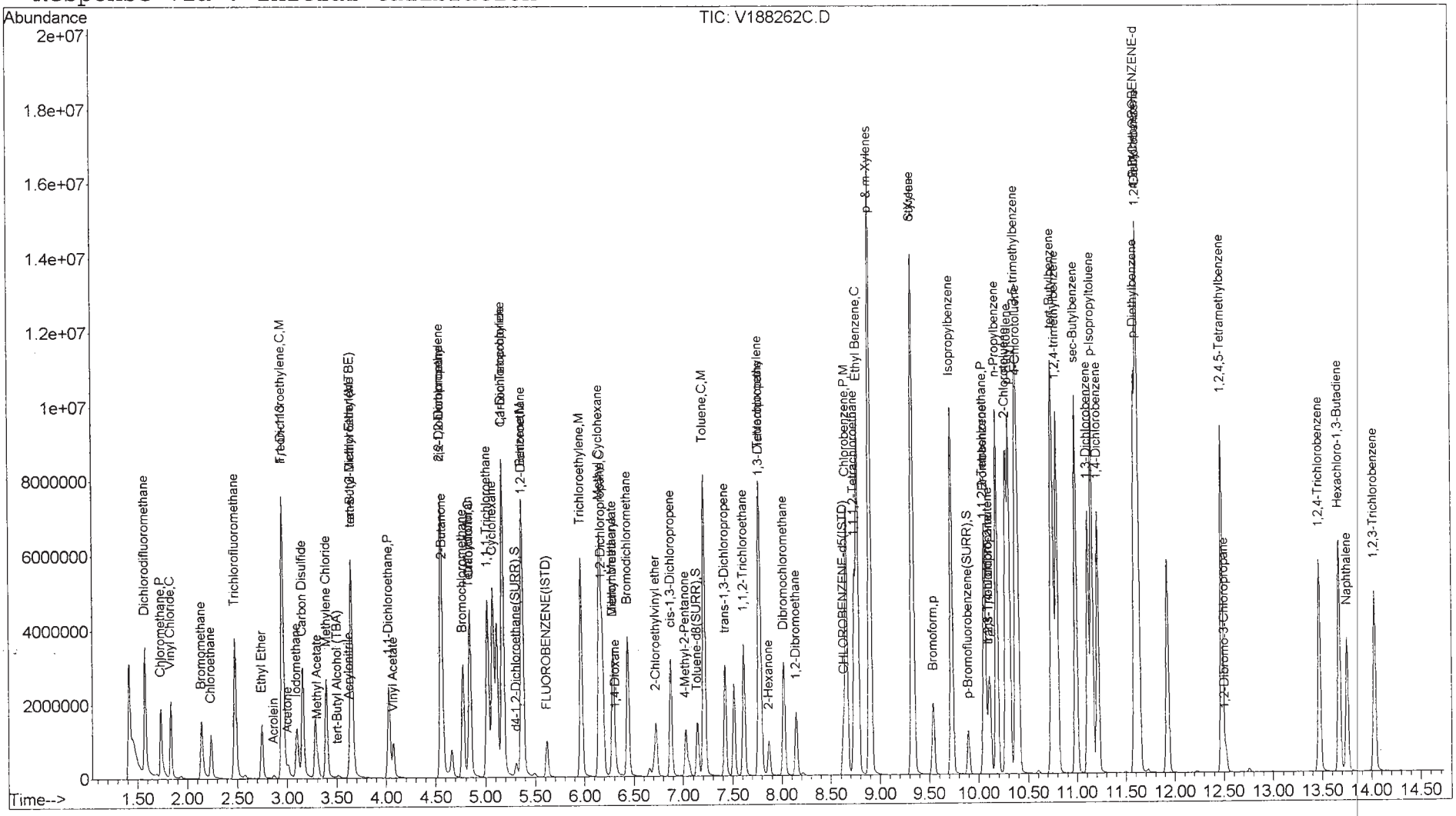
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	1,3,5-trimethylbenzene	10.38	105	6034972	194.07	ppb		99
78)	1,2,4-trimethylbenzene	10.80	105	6039057	194.60	ppb		99
79)	sec-Butylbenzene	10.99	105	7861985	191.57	ppb		99
80)	1,3-Dichlorobenzene	11.11	146	3122124	200.94	ppb	#	100
81)	1,4-Dichlorobenzene	11.21	146	3051369	199.53	ppb	#	100
82)	1,2-Dichlorobenzene	11.63	146	2743473	205.63	ppb	#	100
83)	p-Isopropyltoluene	11.16	119	6660275	194.52	ppb	#	100
84)	n-Butylbenzene	11.62	91	7332915	192.11	ppb		99
85)	1,2,4,5-Tetramethylbenzene	12.48	119	5696236	194.08	ppb		98
86)	1,2,4-Trichlorobenzene	13.47	180	2022114	206.48	ppb		98
87)	Naphthalene	13.75	128	3259457	202.87	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	1361972	199.46	ppb	#	99
89)	1,2,3-Trichlorobenzene	14.03	182	1676626	206.57	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188262C.D Vial: 11
Acq On : 17 Apr 2013 7:37 pm Operator: SS
Sample : 200 ppb VOA CALIBRATION STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:47 2013 Quant Results File: V1C00359.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:34 2013
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188264C.D Vial: 13
Acq On : 17 Apr 2013 8:53 pm Operator: SS
Sample : 50 ppb VOA ICV STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:48 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	166357	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	859581	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	344293	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	246136	50.88	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.76%				
47) Toluene-d8(SURR)	7.14	98	922261	50.04	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 100.08%				
64) p-Bromofluorobenzene(SURR)	9.89	174	344270	49.47	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 98.94%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	438757	31.47	ppb		100
3) Chloromethane	1.73	50	391018	42.37	ppb		100
4) Vinyl Chloride	1.83	62	326383	42.11	ppb		100
5) Bromomethane	2.15	94	233459	43.64	ppb		99
6) Chloroethane	2.23	64	192889	47.85	ppb		98
7) Trichlorofluoromethane	2.48	101	719301	47.15	ppb		99
8) Ethyl Ether	2.75	59	186467	52.04	ppb		98
9) Freon-113	2.95	101	411067	48.95	ppb		99
10) 1,1-Dichloroethylene	2.95	61	525426	48.39	ppb		100
11) Acrolein	2.86	56	15135	51.82	ppb	#	81
12) Iodomethane	3.10	142	341815	59.33	ppb		100
13) Methyl Acetate	3.31	43	95048	50.35	ppb	#	97
14) tert-Butyl Alcohol (TBA)	3.51	59	423846	1106.99	ppb		99
15) trans-1,2-Dichloroethylene	3.64	61	428421	48.78	ppb		98
16) Carbon Disulfide	3.16	76	1628856	96.63	ppb		100
17) Methylene Chloride	3.39	49	351875	45.37	ppb		99
18) Acrylonitrile	3.62	53	44098	51.83	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	662949	50.93	ppb		100
20) Acetone	3.01	43	77157	41.48	ppb		100
21) 1,1-Dichloroethane	4.03	63	580832	53.33	ppb		99
22) Vinyl Acetate	4.07	43	305191	46.40	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	429547	51.58	ppb	#	99
24) 2-Butanone	4.58	72	20834	57.20	ppb		93
25) 2,2-Dichloropropane	4.56	77	655196	50.69	ppb		100
26) Bromochloromethane	4.77	49	229696	52.86	ppb		99
27) Chloroform	4.84	83	762410	49.98	ppb		99
28) Tetrahydrofuran	4.84	71	19030	55.44	ppb		84
29) 1,1-Dichloropropylene	5.17	75	580757	48.51	ppb		100
30) 1,1,1-Trichloroethane	5.02	97	810068	50.93	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188264C.D
Acq On : 17 Apr 2013 8:53 pm
Sample : 50 ppb VOA ICV STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Vial: 13
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Time: Apr 18 14:48 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	Cyclohexane	5.07	56	531133	33.32	ppb	#	47
33)	Carbon Tetrachloride	5.17	117	696902	50.76	ppb		99
34)	1,2-Dichloroethane	5.37	62	512535	50.63	ppb		100
35)	Benzene	5.36	78	1297172	51.14	ppb		100
37)	Trichloroethylene	5.96	95	457093	49.43	ppb		99
38)	Methyl Cyclohexane	6.15	83	592272	44.93	ppb	#	100
39)	Dibromomethane	6.29	93	197480	57.94	ppb		99
40)	Methyl Methacrylate	6.28	69	162544	53.78	ppb		100
41)	Bromodichloromethane	6.43	83	585479	52.16	ppb		100
42)	1,2-Dichloropropane	6.18	63	309648	52.85	ppb		98
43)	1,4-Dioxane	6.33	88	2164	43.30	ppb	#	74
44)	2-Chloroethylvinyl ether	6.72	63	264513	112.27	ppb		99
45)	cis-1,3-Dichloropropene	6.88	75	585616	52.27	ppb	#	88
46)	2-Hexanone	7.87	43	175719	39.62	ppb		99
48)	Toluene	7.21	91	1546067	50.26	ppb		100
49)	trans-1,3-Dichloropropene	7.42	75	529333	52.24	ppb		100
50)	1,1,2-Trichloroethane	7.61	83	215739	51.67	ppb		99
51)	1,3-Dichloropropane	7.78	76	458491	50.16	ppb	#	100
52)	Tetrachloroethylene	7.77	166	529934	50.91	ppb		100
53)	4-Methyl-2-Pentanone	7.02	43	233672	38.01	ppb	#	97
54)	Dibromochloromethane	8.02	129	419420	54.37	ppb		100
55)	1,2-Dibromoethane	8.14	107	299565	50.83	ppb		99
56)	Chlorobenzene	8.66	112	1080833	51.01	ppb		99
57)	Ethyl Benzene	8.77	91	1991507	51.74	ppb		100
58)	p- & m-Xylenes	8.90	91	2985959	101.80	ppb		100
59)	o-Xylene	9.32	91	1520722	50.49	ppb		100
60)	Styrene	9.33	104	1171102	52.83	ppb	#	81
61)	1,1,1,2-Tetrachloroethane	8.74	131	423630	51.56	ppb		99
63)	Bromoform	9.53	173	226121	53.34	ppb	#	100
65)	p-Ethyltoulene	10.31	105	1857966	49.07	ppb		100
66)	p-Diethylbenzene	11.58	119	837500	42.04	ppb		88
67)	1,1,2,2-Tetrachloroethane	10.05	83	298616	52.86	ppb		99
68)	1,2,3-Trichloropropane	10.09	110	110968	52.47	ppb		99
69)	Isopropylbenzene	9.72	105	2018247	49.89	ppb	#	91
70)	1,2-Dibromo-3-Chloropropan	12.51	75	73508	62.44	ppb		90
71)	Bromobenzene	10.06	77	754318	51.65	ppb		100
73)	n-Propylbenzene	10.18	91	2284641	49.96	ppb		100
74)	2-Chlorotoluene	10.28	91	1531290	49.72	ppb		100
75)	4-Chlorotoluene	10.39	91	1537217	50.53	ppb		100
76)	tert-Butylbenzene	10.74	119	1833341	50.97	ppb	#	99
77)	1,3,5-trimethylbenzene	10.38	105	1612822	50.11	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\V1041713\V188264C.D
Acq On : 17 Apr 2013 8:53 pm
Sample : 50 ppb VOA ICV STD
Misc : QBV1041713A
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:48 2013

Vial: 13
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

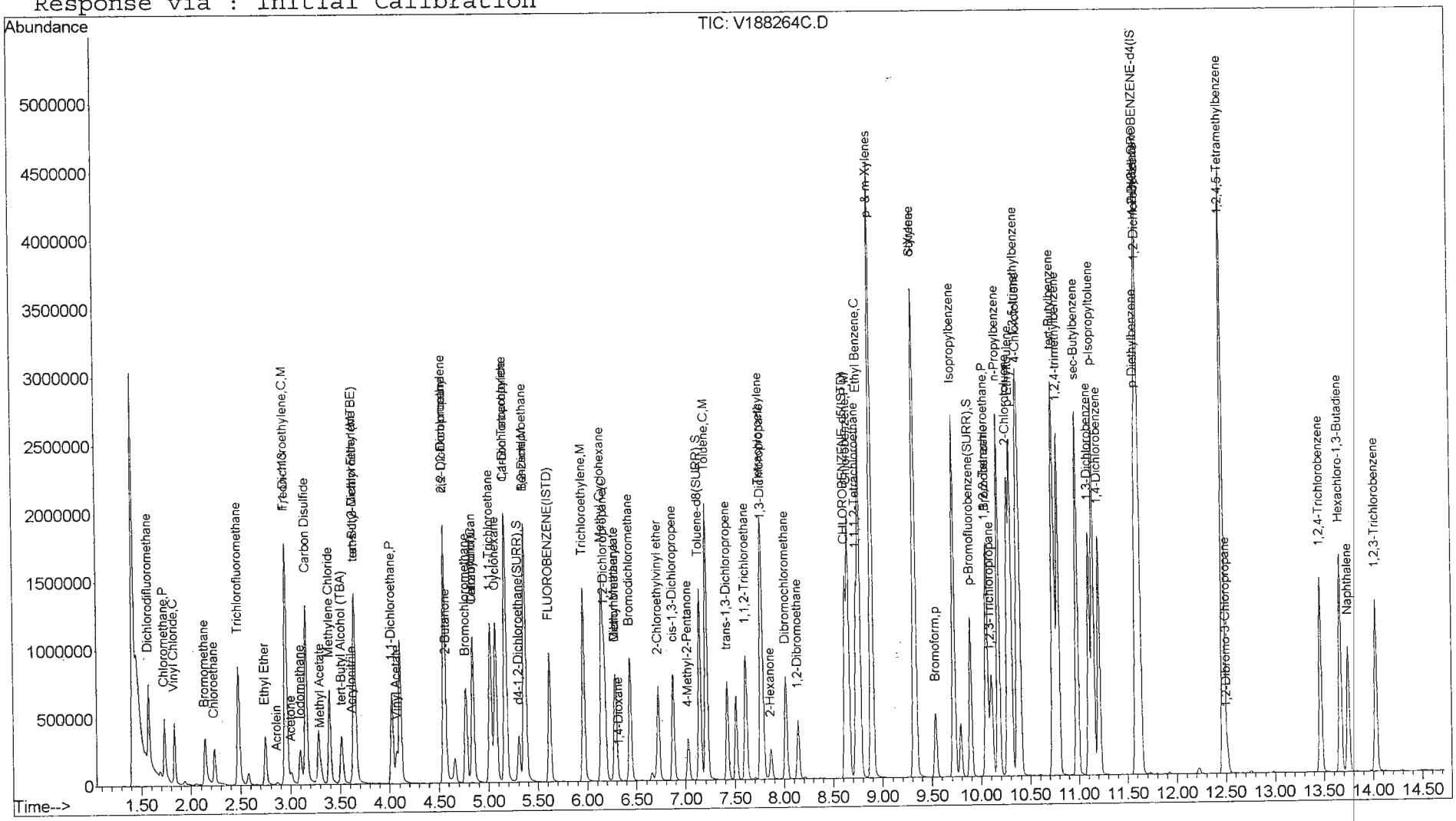
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78)	1,2,4-trimethylbenzene	10.79	105	1595657	49.10	ppb		100
79)	sec-Butylbenzene	10.99	105	2177524	51.59	ppb		100
80)	1,3-Dichlorobenzene	11.11	146	810217	50.14	ppb	#	68
81)	1,4-Dichlorobenzene	11.21	146	787186	49.31	ppb	#	99
82)	1,2-Dichlorobenzene	11.63	146	700539	49.70	ppb	#	84
83)	p-Isopropyltoluene	11.15	119	1801495	50.92	ppb	#	100
84)	n-Butylbenzene	11.61	91	1909842	47.98	ppb		99
85)	1,2,4,5-Tetramethylbenzene	12.48	119	2807165	93.69	ppb		99
86)	1,2,4-Trichlorobenzene	13.47	180	507244	49.23	ppb		100
87)	Naphthalene	13.75	128	847947	52.42	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	352092	50.43	ppb	#	100
89)	1,2,3-Trichlorobenzene	14.03	182	423209	49.82	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\V1041713\V188264C.D Vial: 13
Acq On : 17 Apr 2013 8:53 pm Operator: SS
Sample : 50 ppb VOA ICV STD Inst : VOA No.1
Misc : QBV1041713A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 18 14:48 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		FLUOROBENZENE(ISTD)	1.000	1.000	0.0	77	0.00
2		Dichlorodifluoromethane	4.190	4.165	0.6	79	0.00
3	P	Chloromethane	2.774	2.304	16.9	69	0.00
4	C	Vinyl Chloride	2.330	2.407	-3.3	81	0.00
5		Bromomethane	1.608	1.692	-5.2	106	0.00
6		Chloroethane	1.212	1.296	-6.9	84	0.00
7		Trichlorofluoromethane	4.585	4.686	-2.2	81	0.00
8		Ethyl Ether	1.077	1.112	-3.2	78	0.00
9		Freon-113	2.524	2.607	-3.3	80	0.00
10	C,M	1,1-Dichloroethylene	3.263	3.285	-0.7	78	0.00
11		Acrolein	0.088	0.092	-4.5	76	0.00
12		Iodomethane	1.732	1.924	-11.1	87	0.00
13		Methyl Acetate	0.567	0.625	-10.2	96	0.00
14		tert-Butyl Alcohol (TBA)	0.115	0.136	-18.3	90	0.00
15		trans-1,2-Dichloroethylene	2.640	3.247	-23.0	94	0.00
16		Carbon Disulfide	5.066	5.543	-9.4	81	0.00
17		Methylene Chloride	2.331	2.088	10.4	77	-0.01
18		Acrylonitrile	0.256	0.336	-31.3#	96	0.00
19		tert-Butyl Methyl Ether (MT	3.913	5.117	-30.8#	99	0.00
20		Acetone	0.559	0.603	-7.9	85	0.00
21	P	1,1-Dichloroethane	3.273	4.157	-27.0#	103	0.00
22		Vinyl Acetate	1.977	2.148	-8.6	111	0.00
23		cis-1,2-Dichloroethylene	2.503	3.039	-21.4	96	0.00
24		2-Butanone	0.109	0.137	-25.7#	92	0.00
25		2,2-Dichloropropane	3.885	4.462	-14.9	89	0.00
26		Bromochloromethane	1.306	1.588	-21.6	86	0.00
27	C	Chloroform	4.585	5.088	-11.0	84	0.00
28		Tetrahydrofuran	0.103	0.110	-6.8	77	0.00
29		1,1-Dichloropropylene	3.598	3.963	-10.1	85	0.00
30		1,1,1-Trichloroethane	4.781	5.500	-15.0	89	0.00
31		Cyclohexane	4.791	4.211	12.1	92	0.00
32	S	d4-1,2-Dichloroethane(SURR)	1.454	1.504	-3.4	79	0.00
33		Carbon Tetrachloride	4.127	4.697	-13.8	87	0.00
34		1,2-Dichloroethane	3.042	3.506	-15.3	88	0.00
35	M	Benzene	7.624	8.666	-13.7	87	0.00
36		CHLOROBENZENE-d5(ISTD)	1.000	1.000	0.0	84	0.00
37	M	Trichloroethylene	0.538	0.552	-2.6	89	0.00
38		Methyl Cyclohexane	0.767	0.768	-0.1	87	0.00
39		Dibromomethane	0.198	0.239	-20.7	98	-0.01
40		Methyl Methacrylate	0.176	0.184	-4.5	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		Bromodichloromethane	0.653	0.661	-1.2	86	-0.01
42	C	1,2-Dichloropropane	0.341	0.343	-0.6	81	0.00
43		1,4-Dioxane	0.003	0.003#	0.0	79	-0.01
44		2-Chloroethylvinyl ether	0.137	0.127	7.3	76	0.00
45		cis-1,3-Dichloropropene	0.652	0.655	-0.5	85	-0.01
46		2-Hexanone	0.258	0.183	29.1#	81	0.00
47	S	Toluene-d8(SURR)	1.072	1.056	1.5	84	-0.01
48	C,M	Toluene	1.789	1.860	-4.0	88	0.00
49		trans-1,3-Dichloropropene	0.589	0.605	-2.7	85	0.00
50		1,1,2-Trichloroethane	0.243	0.249	-2.5	86	0.00
51		1,3-Dichloropropane	0.532	0.539	-1.3	84	0.00
52		Tetrachloroethylene	0.605	0.661	-9.3	93	-0.01
53		4-Methyl-2-Pentanone	0.358	0.298	16.8	77	-0.01
54		Dibromochloromethane	0.449	0.478	-6.5	87	0.00
55		1,2-Dibromoethane	0.343	0.348	-1.5	86	0.00
56	P,M	Chlorobenzene	1.233	1.272	-3.2	87	-0.01
57	C	Ethyl Benzene	2.239	2.295	-2.5	86	-0.01
58		p- & m-Xylenes	1.706	1.748	-2.5	86	0.00
59		o-Xylene	1.752	1.811	-3.4	87	-0.01
60		Styrene	1.289	1.354	-5.0	88	-0.01
61		1,1,1,2-Tetrachloroethane	0.478	0.503	-5.2	89	0.00
62		1,2-DICHLOROBENZENE-d4(ISTD	1.000	1.000	0.0	88	-0.01
63	p	Bromoform	0.616	0.657	-6.7	92	0.00
64	S	p-Bromofluorobenzene(SURR)	1.011	1.007	0.4	86	0.00
65		p-Ethyltoulene	5.499	5.494	0.1	90	0.00
66		p-Diethylbenzene	2.893	2.863	1.0	88	0.00
67	P	1,1,2,2-Tetrachloroethane	0.820	0.809	1.3	86	0.00
68		1,2,3-Trichloropropane	0.307	0.314	-2.3	87	0.00
69		Isopropylbenzene	5.875	5.829	0.8	86	-0.01
70		1,2-Dibromo-3-Chloropropane	0.171	0.180	-5.3	90	0.00
71		Bromobenzene	2.121	2.044	3.6	84	0.00
72		trans-1,4-Dichloro-2-butene	1.020	1.012	0.8	87	-0.01
73		n-Propylbenzene	6.641	6.475	2.5	85	-0.01
74		2-Chlorotoluene	4.473	4.368	2.3	86	0.00
75		4-Chlorotoluene	4.418	4.272	3.3	85	-0.01
76		tert-Butylbenzene	5.223	5.264	-0.8	88	0.00
77		1,3,5-trimethylbenzene	4.674	4.628	1.0	87	0.00
78		1,2,4-trimethylbenzene	4.720	4.628	1.9	86	0.00
79		sec-Butylbenzene	6.130	6.129	0.0	87	0.00
80		1,3-Dichlorobenzene	2.347	2.362	-0.6	88	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	1,4-Dichlorobenzene	2.318	2.253	2.8	86	-0.01
82	1,2-Dichlorobenzene	2.047	2.050	-0.1	90	0.00
83	p-Isopropyltoluene	5.138	5.122	0.3	88	-0.01
84	n-Butylbenzene	5.781	5.626	2.7	86	-0.01
85	1,2,4,5-Tetramethylbenzene	4.351	4.338	0.3	89	0.00
86	1,2,4-Trichlorobenzene	1.496	1.453	2.9	87	0.00
87	Naphthalene	2.349	2.408	-2.5	92	0.00
88	Hexachloro-1,3-Butadiene	1.014	1.012	0.2	89	0.00
89	1,2,3-Trichlorobenzene	1.234	1.234	0.0	90	0.00

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 9:03 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	130880	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	737609	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	306203	50.00	ppb		-0.01
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	196905	51.73	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 103.46%				
47) Toluene-d8(SURR)	7.14	98	778852	49.25	ppb		-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 98.50%				
64) p-Bromofluorobenzene(SURR)	9.89	174	308364	49.82	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	545064	49.69	ppb		99
3) Chloromethane	1.73	50	301611	41.54	ppb		100
4) Vinyl Chloride	1.83	62	315047	51.66	ppb		100
5) Bromomethane	2.14	94	221393	52.61	ppb		99
6) Chloroethane	2.23	64	169606	53.48	ppb		100
7) Trichlorofluoromethane	2.47	101	613250	51.09	ppb		99
8) Ethyl Ether	2.74	59	145602	51.65	ppb		97
9) Freon-113	2.95	101	341146	51.63	ppb		99
10) 1,1-Dichloroethylene	2.95	61	429896	50.33	ppb		97
11) Acrolein	2.86	56	12076	52.56	ppb		87
12) Iodomethane	3.09	142	251773	55.55	ppb		98
13) Methyl Acetate	3.31	43	81765	55.06	ppb		100
14) tert-Butyl Alcohol (TBA)	3.52	59	17829	59.19	ppb		98
15) trans-1,2-Dichloroethylene	3.64	61	425025	61.51	ppb		98
16) Carbon Disulfide	3.15	76	725483	54.70	ppb		100
17) Methylene Chloride	3.38	49	273303	44.79	ppb		99
18) Acrylonitrile	3.61	53	43931	65.64	ppb	#	95
19) tert-Butyl Methyl Ether (M	3.65	73	669717	65.39	ppb	#	91
20) Acetone	3.01	43	78890	53.90	ppb		100
21) 1,1-Dichloroethane	4.02	63	544046	63.49	ppb		99
22) Vinyl Acetate	4.07	43	281133	54.32	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	397712	60.70	ppb	#	98
24) 2-Butanone	4.57	72	17915	62.51	ppb		95
25) 2,2-Dichloropropane	4.55	77	583947	57.43	ppb		100
26) Bromochloromethane	4.77	49	207878	60.81	ppb		95
27) Chloroform	4.84	83	665971	55.49	ppb		99
28) Tetrahydrofuran	4.83	71	14440	53.47	ppb	#	66
29) 1,1-Dichloropropylene	5.16	75	518654	55.07	ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 9:03 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.02	97	719852	57.52	ppb	#	98
31) Cyclohexane	5.07	56	551189m	43.95	ppb		
33) Carbon Tetrachloride	5.17	117	614799	56.91	ppb		100
34) 1,2-Dichloroethane	5.38	62	458810	57.61	ppb		100
35) Benzene	5.36	78	1134209	56.83	ppb		100
37) Trichloroethylene	5.96	95	407082	51.30	ppb		100
38) Methyl Cyclohexane	6.15	83	566730	50.10	ppb	#	100
39) Dibromomethane	6.28	93	176555	60.36	ppb		99
40) Methyl Methacrylate	6.28	69	135962	52.42	ppb		99
41) Bromodichloromethane	6.43	83	487760	50.64	ppb		100
42) 1,2-Dichloropropane	6.18	63	253276	50.37	ppb	#	70
43) 1,4-Dioxane	6.31	88	43145	1006.06	ppb		97
44) 2-Chloroethylvinyl ether	6.72	63	93876	46.44	ppb		100
45) cis-1,3-Dichloropropene	6.87	75	483164	50.25	ppb		99
46) 2-Hexanone	7.86	43	134737	35.41	ppb		98
48) Toluene	7.21	91	1371952	51.98	ppb		100
49) trans-1,3-Dichloropropene	7.42	75	446120	51.31	ppb	#	93
50) 1,1,2-Trichloroethane	7.61	83	183298	51.16	ppb		99
51) 1,3-Dichloropropane	7.78	76	397403	50.67	ppb	#	100
52) Tetrachloroethylene	7.76	166	487630	54.59	ppb		99
53) 4-Methyl-2-Pentanone	7.02	43	219522	41.61	ppb		99
54) Dibromochloromethane	8.01	129	352737	53.29	ppb		99
55) 1,2-Dibromoethane	8.14	107	256753	50.77	ppb		99
56) Chlorobenzene	8.65	112	938309	51.60	ppb		99
57) Ethyl Benzene	8.76	91	1693105	51.26	ppb		100
58) p- & m-Xylenes	8.89	91	2578035	102.43	ppb		99
59) o-Xylene	9.32	91	1335930	51.69	ppb		100
60) Styrene	9.33	104	998900	52.51	ppb		99
61) 1,1,1,2-Tetrachloroethane	8.74	131	371183	52.65	ppb		98
63) Bromoform	9.53	173	201154	53.35	ppb	#	100
65) p-Ethyltoulene	10.30	105	1682143	49.95	ppb		97
66) p-Diethylbenzene	11.58	119	876617	49.47	ppb		98
67) 1,1,2,2-Tetrachloroethane	10.04	83	247790	49.32	ppb		100
68) 1,2,3-Trichloropropane	10.09	110	96153	51.12	ppb		94
69) Isopropylbenzene	9.72	105	1784818	49.61	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.51	75	55228	52.75	ppb		99
71) Bromobenzene	10.05	77	625968	48.19	ppb		97
72) trans-1,4-Dichloro-2-buten	10.09	75	309852m	49.58	ppb		
73) n-Propylbenzene	10.17	91	1982754	48.75	ppb		100
74) 2-Chlorotoluene	10.27	91	1337574	48.83	ppb		100
75) 4-Chlorotoluene	10.39	91	1307947	48.34	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 9:03 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

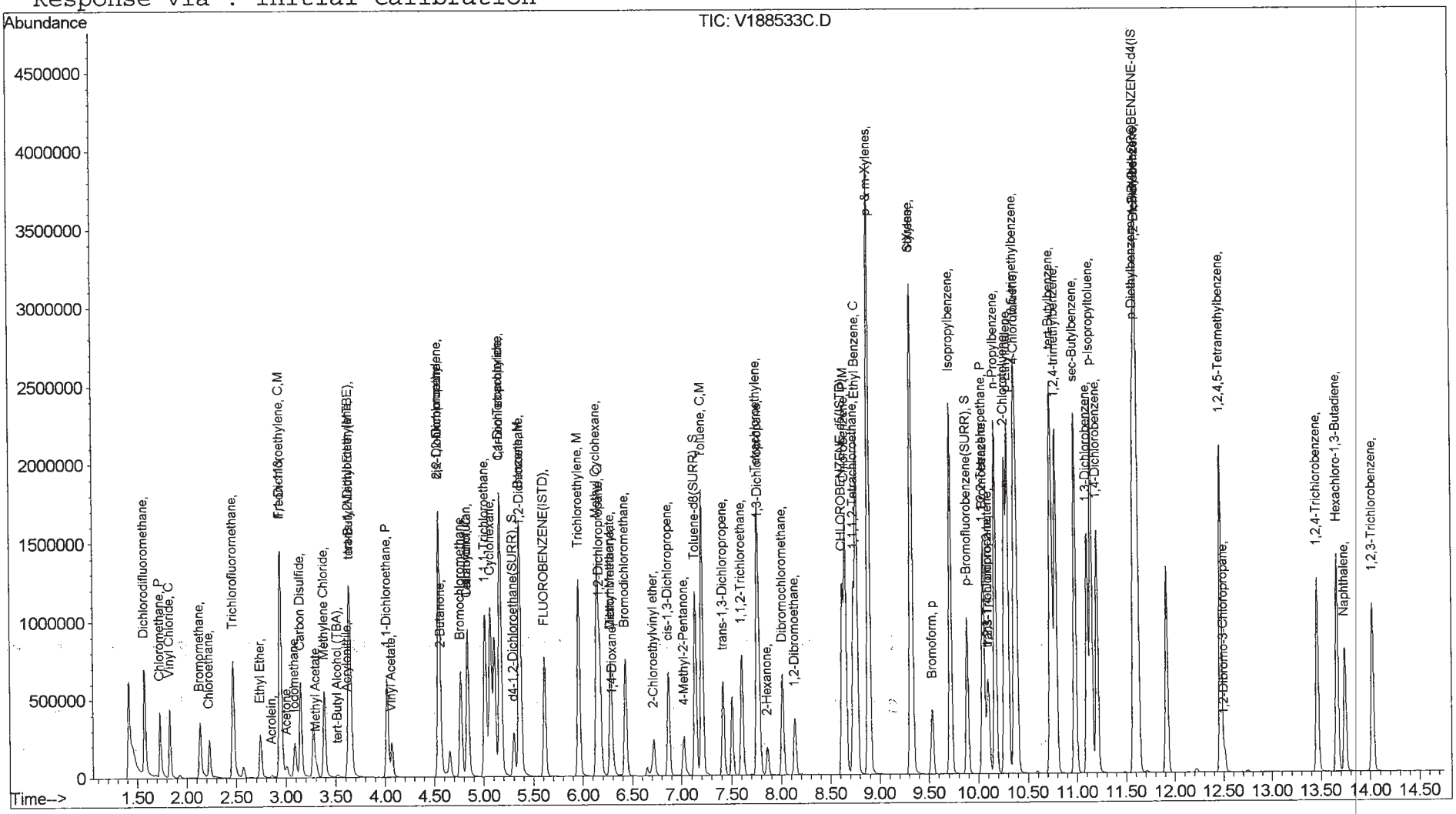
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) tert-Butylbenzene	10.74	119	1611817	50.39	ppb	#	100
77) 1,3,5-trimethylbenzene	10.37	105	1416966	49.50	ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1417049	49.03	ppb		100
79) sec-Butylbenzene	10.98	105	1876574	49.99	ppb		100
80) 1,3-Dichlorobenzene	11.10	146	723150	50.32	ppb	#	100
81) 1,4-Dichlorobenzene	11.20	146	690019	48.60	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	627637	50.06	ppb	#	84
83) p-Isopropyltoluene	11.14	119	1568357	49.84	ppb	#	100
84) n-Butylbenzene	11.61	91	1722791	48.66	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.47	119	1328362	49.85	ppb		100
86) 1,2,4-Trichlorobenzene	13.46	180	445045	48.57	ppb		98
87) Naphthalene	13.75	128	737422	51.25	ppb	#	97
88) Hexachloro-1,3-Butadiene	13.66	225	309829	49.89	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.02	182	377937	50.02	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188533C.D Vial: 20
Acq On : 26 Apr 2013 8:55 pm Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 9:03 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		FLUOROBENZENE(ISTD)	1.000	1.000	0.0	82	0.00
2		Dichlorodifluoromethane	4.190	3.483	16.9	69	-0.01
3	P	Chloromethane	2.774	1.846	33.5#	58	-0.01
4	C	Vinyl Chloride	2.330	2.009	13.8	71	-0.01
5		Bromomethane	1.608	1.439	10.5	96	0.00
6		Chloroethane	1.212	1.094	9.7	75	0.00
7		Trichlorofluoromethane	4.585	4.167	9.1	76	-0.01
8		Ethyl Ether	1.077	0.941	12.6	69	0.00
9		Freon-113	2.524	2.296	9.0	75	-0.01
10	C,M	1,1-Dichloroethylene	3.263	2.907	10.9	73	-0.01
11		Acrolein	0.088	0.090	-2.3	78	0.00
12		Iodomethane	1.732	1.837	-6.1	88	-0.01
13		Methyl Acetate	0.567	0.494	12.9	80	0.00
14		tert-Butyl Alcohol (TBA)	0.115	0.102	11.3	71	0.00
15		trans-1,2-Dichloroethylene	2.640	2.823	-6.9	86	0.00
16		Carbon Disulfide	5.066	4.694	7.3	73	0.00
17		Methylene Chloride	2.331	1.854	20.5	73	-0.01
18		Acrylonitrile	0.256	0.268	-4.7	81	0.00
19		tert-Butyl Methyl Ether (MT	3.913	4.331	-10.7	89	0.00
20		Acetone	0.559	0.645	-15.4	96	0.00
21	P	1,1-Dichloroethane	3.273	3.573	-9.2	93	0.00
22		Vinyl Acetate	1.977	1.938	2.0	105	0.00
23		cis-1,2-Dichloroethylene	2.503	2.485	0.7	83	0.00
24		2-Butanone	0.109	0.128	-17.4	90	0.00
25		2,2-Dichloropropane	3.885	4.187	-7.8	88	0.00
26		Bromochloromethane	1.306	1.317	-0.8	76	0.00
27	C	Chloroform	4.585	4.464	2.6	78	0.00
28		Tetrahydrofuran	0.103	0.101	1.9	75	0.00
29		1,1-Dichloropropylene	3.598	3.443	4.3	78	0.00
30		1,1,1-Trichloroethane	4.781	4.860	-1.7	83	0.00
31		Cyclohexane	4.791	3.444	28.1#	79	0.00
32	S	d4-1,2-Dichloroethane(SURR)	1.454	1.693	-16.4	93	0.00
33		Carbon Tetrachloride	4.127	4.269	-3.4	83	0.00
34		1,2-Dichloroethane	3.042	2.988	1.8	79	0.00
35	M	Benzene	7.624	7.036	7.7	74	0.00
36		CHLOROBENZENE-d5(ISTD)	1.000	1.000	0.0	92	0.00
37	M	Trichloroethylene	0.538	0.459	14.7	81	0.00
38		Methyl Cyclohexane	0.767	0.624	18.6	77	0.00
39		Dibromomethane	0.198	0.196	1.0	88	0.00
40		Methyl Methacrylate	0.176	0.148	15.9	77	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		Bromodichloromethane	0.653	0.548	16.1	78	0.00
42	C	1,2-Dichloropropane	0.341	0.275	19.4	71	0.00
43		1,4-Dioxane	0.003	0.002#	33.3#	64	-0.01
44		2-Chloroethylvinyl ether	0.137	0.097	29.2#	63	0.00
45		cis-1,3-Dichloropropene	0.652	0.551	15.5	78	0.00
46		2-Hexanone	0.258	0.171	33.7#	83	0.00
47	S	Toluene-d8(SURR)	1.072	1.008	6.0	87	0.00
48	C,M	Toluene	1.789	1.506	15.8	77	0.00
49		trans-1,3-Dichloropropene	0.589	0.513	12.9	79	0.00
50		1,1,2-Trichloroethane	0.243	0.194	20.2	73	0.00
51		1,3-Dichloropropane	0.532	0.429	19.4	73	0.00
52		Tetrachloroethylene	0.605	0.522	13.7	80	0.00
53		4-Methyl-2-Pentanone	0.358	0.238	33.5#	67	0.00
54		Dibromochloromethane	0.449	0.403	10.2	80	0.00
55		1,2-Dibromoethane	0.343	0.286	16.6	77	0.00
56	P,M	Chlorobenzene	1.233	1.075	12.8	81	0.00
57	C	Ethyl Benzene	2.239	1.885	15.8	77	0.00
58		p- & m-Xylenes	1.706	1.464	14.2	78	0.00
59		o-Xylene	1.752	1.472	16.0	77	0.00
60		Styrene	1.289	1.107	14.1	78	0.00
61		1,1,1,2-Tetrachloroethane	0.478	0.420	12.1	81	0.00
62		1,2-DICHLOROBENZENE-d4(ISTD	1.000	1.000	0.0	95	0.00
63	p	Bromoform	0.616	0.536	13.0	81	0.00
64	S	p-Bromofluorobenzene(SURR)	1.011	1.029	-1.8	96	0.00
65		p-Ethyltoulene	5.499	4.547	17.3	81	0.00
66		p-Diethylbenzene	2.893	2.423	16.2	81	0.00
67	P	1,1,2,2-Tetrachloroethane	0.820	0.613	25.2#	71	0.00
68		1,2,3-Trichloropropane	0.307	0.245	20.2	74	0.00
69		Isopropylbenzene	5.875	4.907	16.5	79	0.00
70		1,2-Dibromo-3-Chloropropane	0.171	0.134	21.6	73	0.00
71		Bromobenzene	2.121	1.628	23.2	73	0.00
72		trans-1,4-Dichloro-2-butene	1.020	0.807	20.9	76	0.00
73		n-Propylbenzene	6.641	5.366	19.2	77	0.00
74		2-Chlorotoluene	4.473	3.631	18.8	78	0.00
75		4-Chlorotoluene	4.418	3.514	20.5	76	0.00
76		tert-Butylbenzene	5.223	4.375	16.2	79	0.00
77		1,3,5-trimethylbenzene	4.674	3.865	17.3	79	0.00
78		1,2,4-trimethylbenzene	4.720	3.848	18.5	78	0.00
79		sec-Butylbenzene	6.130	5.043	17.7	78	0.00
80		1,3-Dichlorobenzene	2.347	1.970	16.1	80	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D
Acq On : 29 Apr 2013 10:03 am
Sample : 50 ppb VOA CAL CHECK STD
Misc : QBV1042913A
MS Integration Params: RTEINT1.P

Vial: 3
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	1,4-Dichlorobenzene	2.318	1.898	18.1	79	0.00
82	1,2-Dichlorobenzene	2.047	1.672	18.3	80	0.00
83	p-Isopropyltoluene	5.138	4.306	16.2	80	0.00
84	n-Butylbenzene	5.781	4.683	19.0	77	0.00
85	1,2,4,5-Tetramethylbenzene	4.351	3.574	17.9	80	0.00
86	1,2,4-Trichlorobenzene	1.496	1.290	13.8	84	0.00
87	Naphthalene	2.349	1.892	19.5	78	0.00
88	Hexachloro-1,3-Butadiene	1.014	0.883	12.9	85	0.00
89	1,2,3-Trichlorobenzene	1.234	1.063	13.9	84	0.00

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 10:59 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	138081	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	806186	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	333060	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	233706	58.20	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 116.40%				
47) Toluene-d8(SURR)	7.14	98	812935	47.03	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.06%				
64) p-Bromofluorobenzene(SURR)	9.90	174	342602	50.89	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	480934	41.56	ppb		100
3) Chloromethane	1.72	50	254922	33.28	ppb		99
4) Vinyl Chloride	1.82	62	277473	43.13	ppb		99
5) Bromomethane	2.14	94	198686	44.75	ppb		99
6) Chloroethane	2.23	64	151039	45.14	ppb		99
7) Trichlorofluoromethane	2.47	101	575409	45.44	ppb		100
8) Ethyl Ether	2.74	59	129873	43.67	ppb		97
9) Freon-113	2.94	101	316991	45.47	ppb		98
10) 1,1-Dichloroethylene	2.94	61	401410	44.54	ppb		99
11) Acrolein	2.86	56	12394	51.13	ppb		97
12) Iodomethane	3.09	142	253588	53.03	ppb		97
13) Methyl Acetate	3.30	43	68274	43.57	ppb		99
14) tert-Butyl Alcohol (TBA)	3.52	59	14022	44.12	ppb		97
15) trans-1,2-Dichloroethylene	3.64	61	389836	53.48	ppb		100
16) Carbon Disulfide	3.15	76	648139	46.32	ppb		100
17) Methylene Chloride	3.39	49	255979	39.76	ppb		99
18) Acrylonitrile	3.62	53	36999	52.40	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	598007	55.34	ppb		100
20) Acetone	3.00	43	89041	57.67	ppb		99
21) 1,1-Dichloroethane	4.02	63	493358	54.58	ppb		99
22) Vinyl Acetate	4.07	43	267539	49.00	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	343105	49.64	ppb	#	100
24) 2-Butanone	4.57	72	17651	58.38	ppb		93
25) 2,2-Dichloropropane	4.55	77	578198	53.90	ppb		100
26) Bromochloromethane	4.77	49	181914	50.44	ppb		92
27) Chloroform	4.84	83	616396	48.68	ppb		99
28) Tetrahydrofuran	4.83	71	13928	48.89	ppb	#	60
29) 1,1-Dichloropropylene	5.16	75	475443	47.85	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 10:59 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	1,1,1-Trichloroethane	5.02	97	671029	50.83	ppb		100
31)	Cyclohexane	5.07	56	475487m	35.94	ppb		
33)	Carbon Tetrachloride	5.17	117	589437	51.72	ppb		99
34)	1,2-Dichloroethane	5.38	62	412614	49.11	ppb		100
35)	Benzene	5.37	78	971575	46.14	ppb		99
37)	Trichloroethylene	5.96	95	369661	42.62	ppb		99
38)	Methyl Cyclohexane	6.15	83	503095	40.69	ppb	#	100
39)	Dibromomethane	6.29	93	157732	49.34	ppb		97
40)	Methyl Methacrylate	6.28	69	119247	42.06	ppb		99
41)	Bromodichloromethane	6.44	83	441778	41.97	ppb		100
42)	1,2-Dichloropropane	6.18	63	221449	40.30	ppb		96
43)	1,4-Dioxane	6.31	88	35087	748.57	ppb		98
44)	2-Chloroethylvinyl ether	6.72	63	78145	35.37	ppb		99
45)	cis-1,3-Dichloropropene	6.87	75	444266	42.28	ppb		99
46)	2-Hexanone	7.86	43	137870	33.15	ppb		99
48)	Toluene	7.21	91	1214201	42.09	ppb		99
49)	trans-1,3-Dichloropropene	7.42	75	413460	43.51	ppb		99
50)	1,1,2-Trichloroethane	7.61	83	156207	39.89	ppb		98
51)	1,3-Dichloropropane	7.78	76	346138	40.38	ppb	#	100
52)	Tetrachloroethylene	7.77	166	421169	43.14	ppb		99
53)	4-Methyl-2-Pentanone	7.03	43	192046	33.30	ppb		99
54)	Dibromochloromethane	8.02	129	324663	44.87	ppb		100
55)	1,2-Dibromoethane	8.14	107	230824	41.76	ppb		98
56)	Chlorobenzene	8.66	112	866804	43.61	ppb		98
57)	Ethyl Benzene	8.77	91	1519269	42.08	ppb		100
58)	p- & m-Xylenes	8.89	91	2360465	85.80	ppb		100
59)	o-Xylene	9.32	91	1186797	42.01	ppb		100
60)	Styrene	9.34	104	892764	42.94	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.74	131	338916	43.98	ppb		98
63)	Bromoform	9.54	173	178585	43.54	ppb	#	100
65)	p-Ethyltoulene	10.30	105	1514486	41.35	ppb		97
66)	p-Diethylbenzene	11.59	119	807136	41.88	ppb		96
67)	1,1,2,2-Tetrachloroethane	10.04	83	204019	37.33	ppb		99
68)	1,2,3-Trichloropropane	10.10	110	81576	39.87	ppb		98
69)	Isopropylbenzene	9.72	105	1634367	41.76	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.51	75	44767	39.31	ppb		98
71)	Bromobenzene	10.06	77	542273	38.38	ppb		95
72)	trans-1,4-Dichloro-2-buten	10.10	75	268912m	39.56	ppb		
73)	n-Propylbenzene	10.18	91	1787349	40.40	ppb		100
74)	2-Chlorotoluene	10.27	91	1209257	40.58	ppb		100
75)	4-Chlorotoluene	10.40	91	1170491	39.77	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D
Acq On : 29 Apr 2013 10:03 am
Sample : 50 ppb VOA CAL CHECK STD
Misc : QBV1042913A
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 10:59 19113

Vial: 3
Operator: SS
Inst : VOA No.1
Multiplr: 1.00
Quant Results File: V1C00360.RE

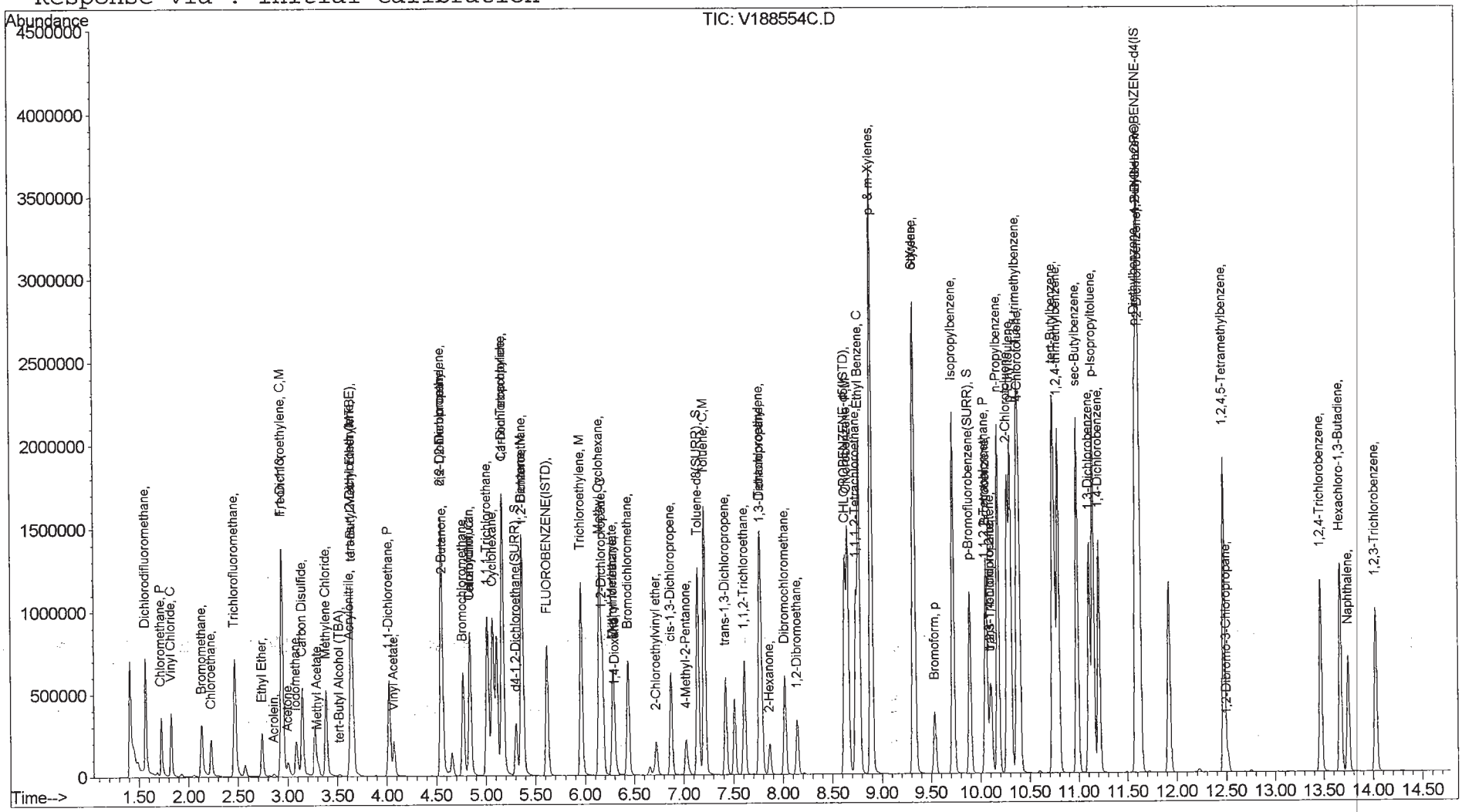
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	tert-Butylbenzene	10.74	119	1457253	41.88	ppb	#	100
77)	1,3,5-trimethylbenzene	10.37	105	1287212	41.34	ppb		100
78)	1,2,4-trimethylbenzene	10.79	105	1281455	40.76	ppb		100
79)	sec-Butylbenzene	10.99	105	1679634	41.14	ppb		99
80)	1,3-Dichlorobenzene	11.11	146	655985	41.96	ppb	#	100
81)	1,4-Dichlorobenzene	11.21	146	632024	40.93	ppb	#	99
82)	1,2-Dichlorobenzene	11.63	146	556746	40.83	ppb	#	85
83)	p-Isopropyltoluene	11.15	119	1434313	41.91	ppb	#	100
84)	n-Butylbenzene	11.62	91	1559578	40.50	ppb	#	87
85)	1,2,4,5-Tetramethylbenzene	12.48	119	1190477	41.07	ppb		99
86)	1,2,4-Trichlorobenzene	13.47	180	429606	43.10	ppb		99
87)	Naphthalene	13.75	128	630217	40.27	ppb	#	100
88)	Hexachloro-1,3-Butadiene	13.67	225	294001	43.53	ppb	#	100
89)	1,2,3-Trichlorobenzene	14.03	182	353935	43.07	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188554C.D Vial: 3
Acq On : 29 Apr 2013 10:03 am Operator: SS
Sample : 50 ppb VOA CAL CHECK STD Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 10:59 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	13D0938	
Client:	Leggette Brashears & Graham White Plains Office		Project:	Deluxe	
Matrix:	Water	Laboratory ID:	BD31300-BLK1	File ID:	V188536B.D
Prepared:	04/26/13 14:53	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/26/13 22:50	Instrument:	VOA No.1		
Batch:	BD31300	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethylene	5.0	U
563-58-6	1,1-Dichloropropylene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	10	U
96-18-4	1,2,3-Trichloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
106-93-4	1,2-Dibromoethane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
78-93-3	2-Butanone	10	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
67-64-1	Acetone	10	U
71-43-2	Benzene	5.0	U
108-86-1	Bromobenzene	5.0	U
74-97-5	Bromochloromethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31300-BLK1	File ID:	V188536B.D
Prepared:	04/26/13 14:53	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/26/13 22:50	Instrument:	VOA No.1		
Batch:	BD31300	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
156-59-2	cis-1,2-Dichloroethylene	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	5.0	U
124-48-1	Dibromochloromethane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
100-41-4	Ethyl Benzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5.0	U
75-09-2	Methylene chloride	10	U
91-20-3	Naphthalene	10	U
104-51-8	n-Butylbenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	p- & m- Xylenes	10	U
99-87-6	p-Isopropyltoluene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
100-42-5	Styrene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
127-18-4	Tetrachloroethylene	5.0	U
108-88-3	Toluene	5.0	U
156-60-5	trans-1,2-Dichloroethylene	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	5.0	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31300-BLK1	File ID:	V188536B.D
Prepared:	04/26/13 14:53	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/26/13 22:50	Instrument:	VOA No.1		
Batch:	BD31300	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
79-01-6	Trichloroethylene	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
1330-20-7	Xylenes, Total	15	U
108-05-4	Vinyl acetate	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	50.9	102	72.6 - 129	
p-Bromofluorobenzene	50.0	50.7	101	63.5 - 145	
Toluene-d8	50.0	48.6	97.3	81.2 - 127	

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188536B.D Vial: 23
Acq On : 26 Apr 2013 10:50 pm Operator: SS
Sample : BD31300-BLK1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:01 2013 Quant Results File: V1C00360.RES

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	120990	50.00	ppb	-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	673782	50.00	ppb	-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	268283	50.00	ppb	-0.01
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	179211	50.93	ppb	-0.01
Spiked Amount 50.000	Range 64 - 122		Recovery = 101.86%			
47) Toluene-d8(SURR)	7.13	98	702526	48.63	ppb	-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.26%			
64) p-Bromofluorobenzene(SURR)	9.88	174	274899	50.70	ppb	-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.40%			

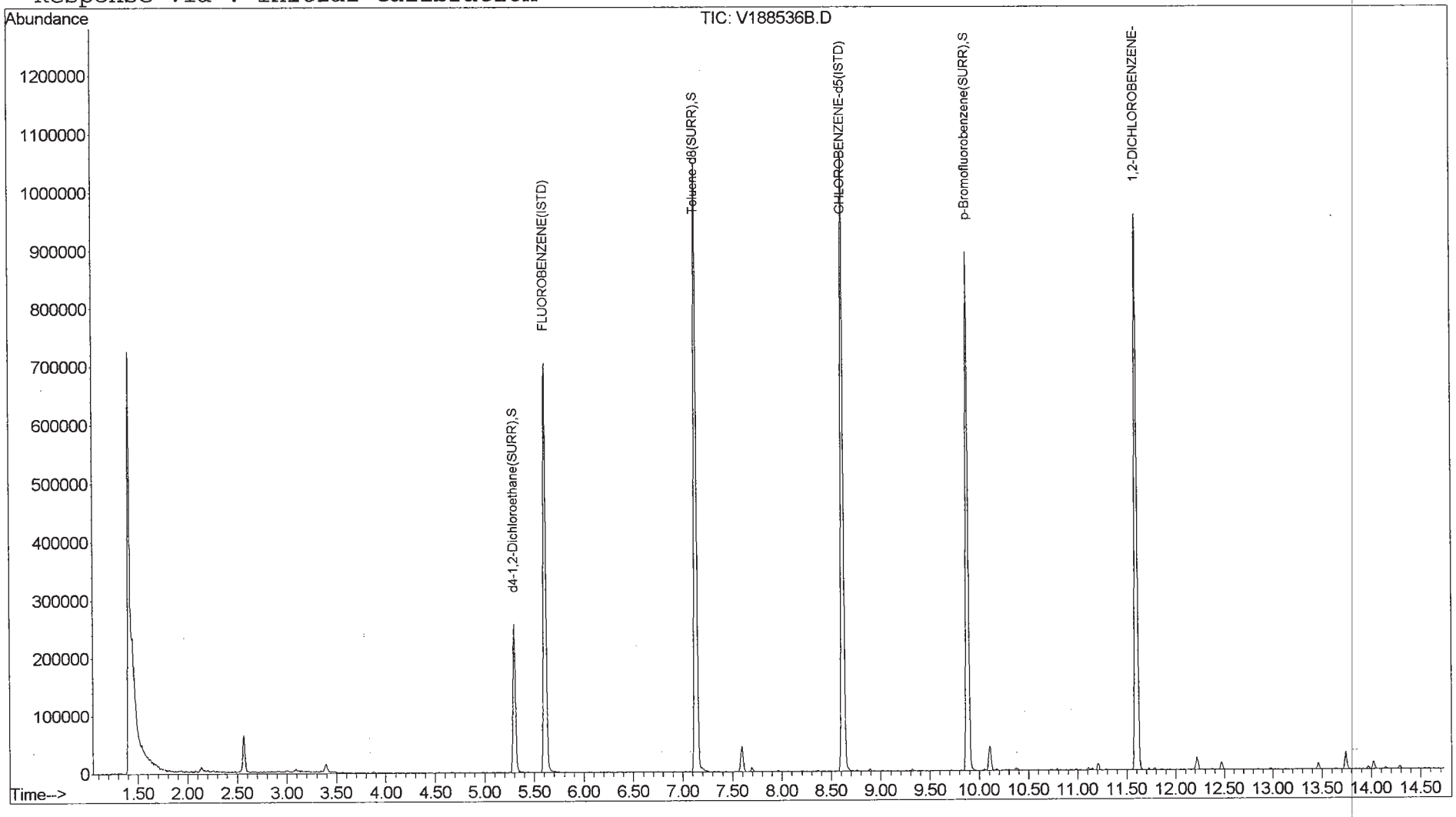
Target Compounds Qvalue

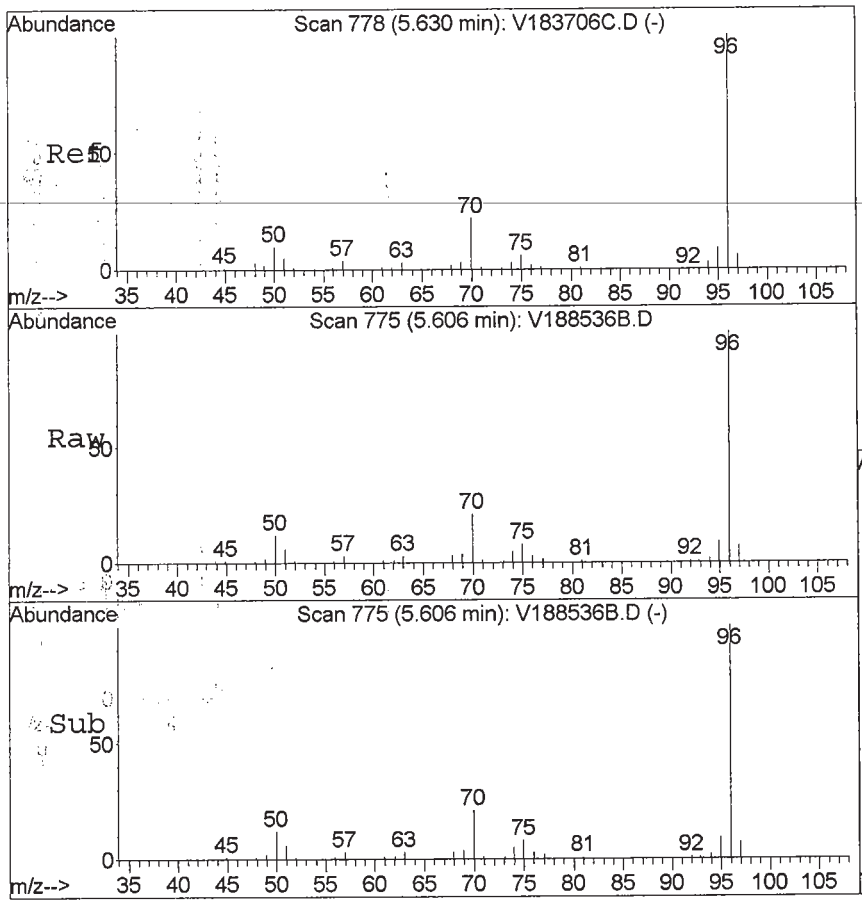
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA1 V1\DAILYDAT\V1042613\V188536B.D Vial: 23
Acq On : 26 Apr 2013 10:50 pm Operator: SS
Sample : BD31300-BLK1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:01 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

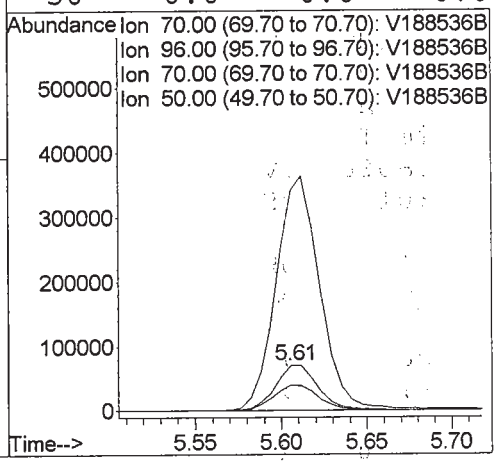


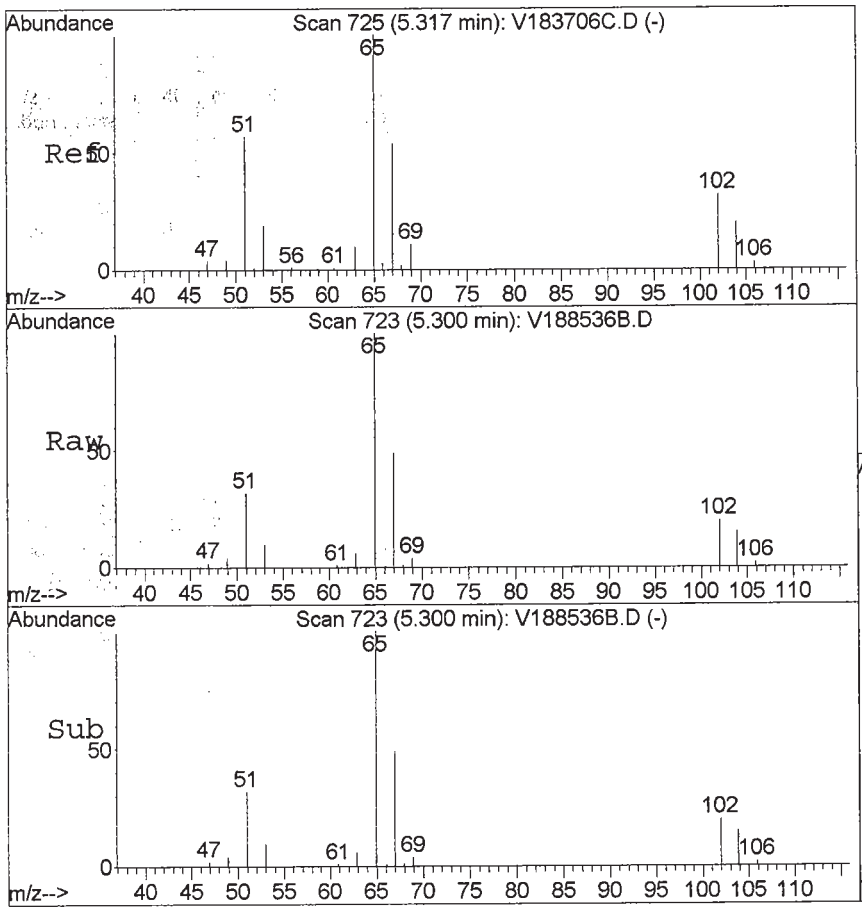


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.61 min Scan# 775
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion: 70 Resp: 120990

Ion	Ratio	Lower	Upper
70	100		
96	529.4	400.1	600.1
70	100.0	80.0	120.0
50	0.0	0.0	0.0

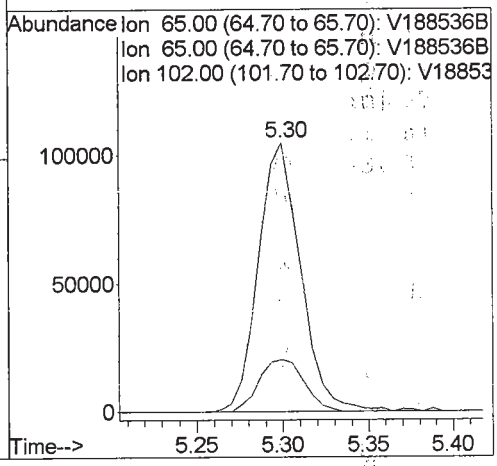


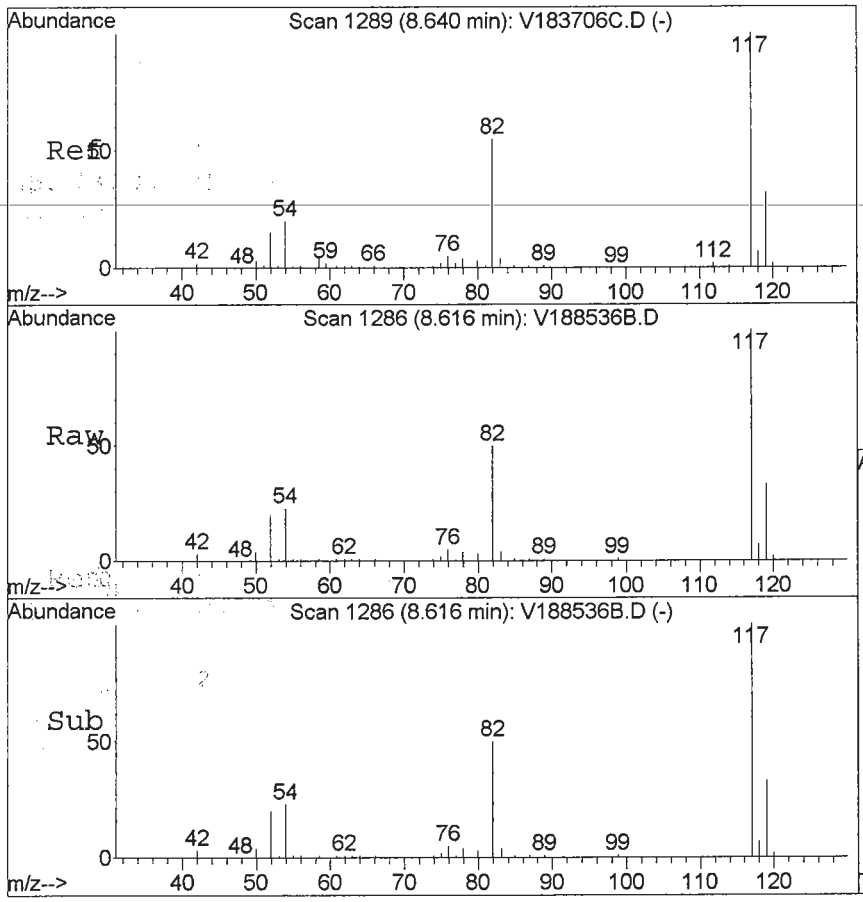


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion: 65 Resp: 179211

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.9	15.8	23.8

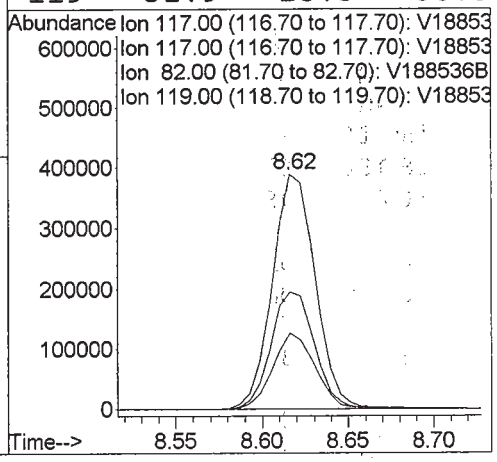


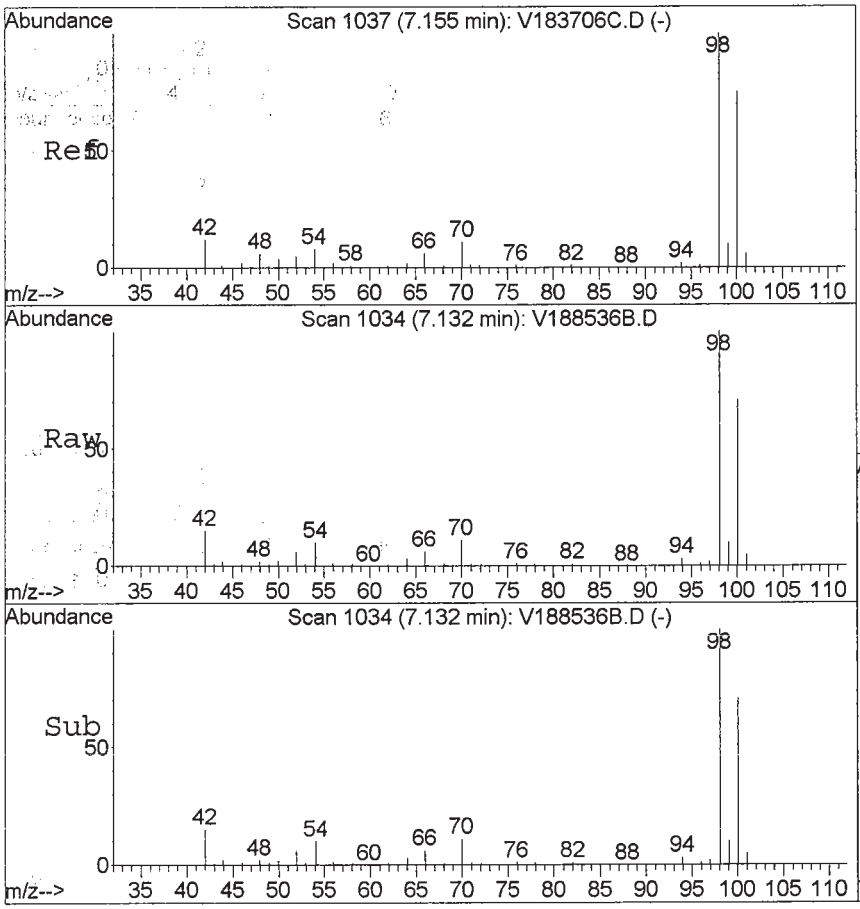


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.62 min Scan# 1286
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion:117 Resp: 673782

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.9	25.5	38.3

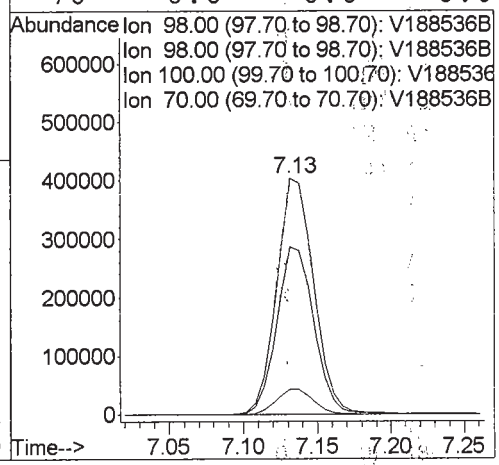


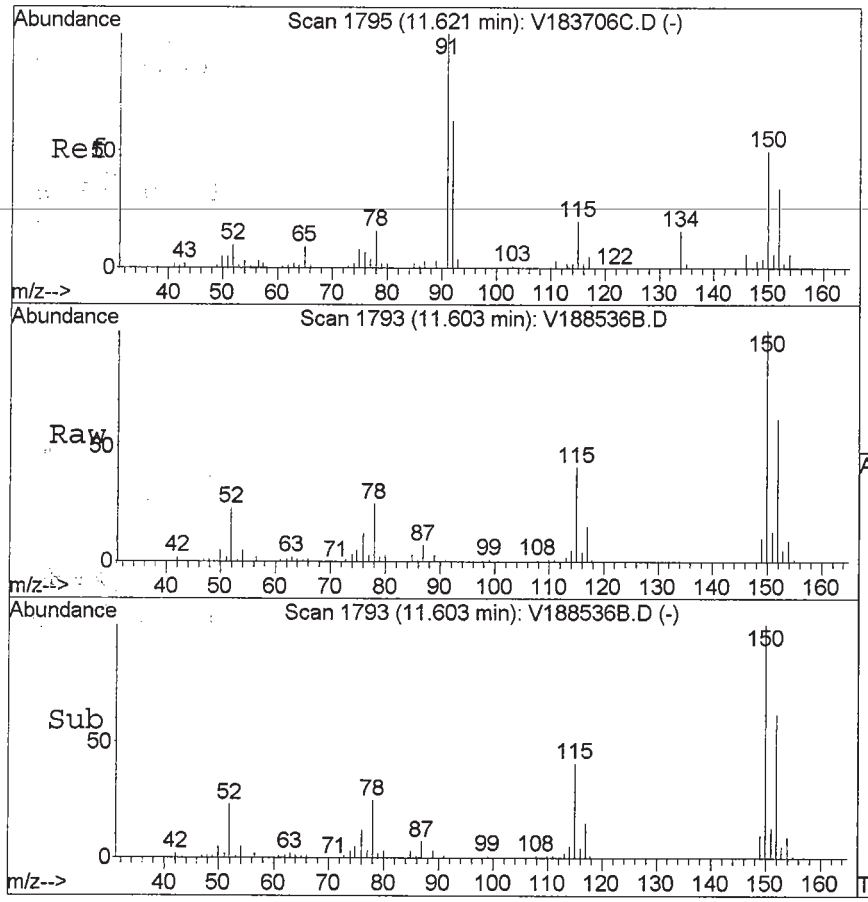


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.13 min Scan# 1034
Delta R.T. -0.02 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion: 98 Resp: 702526

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.0	35.3	105.7
70	0.0	0.0	0.0

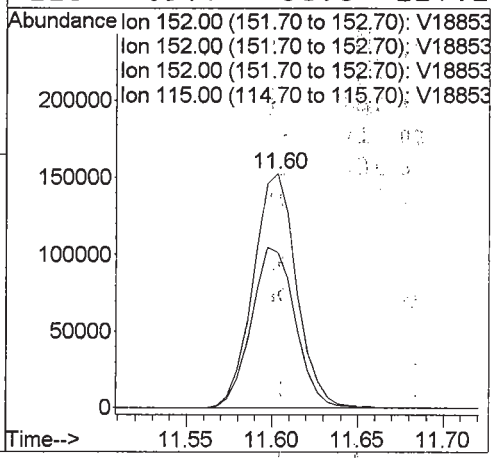


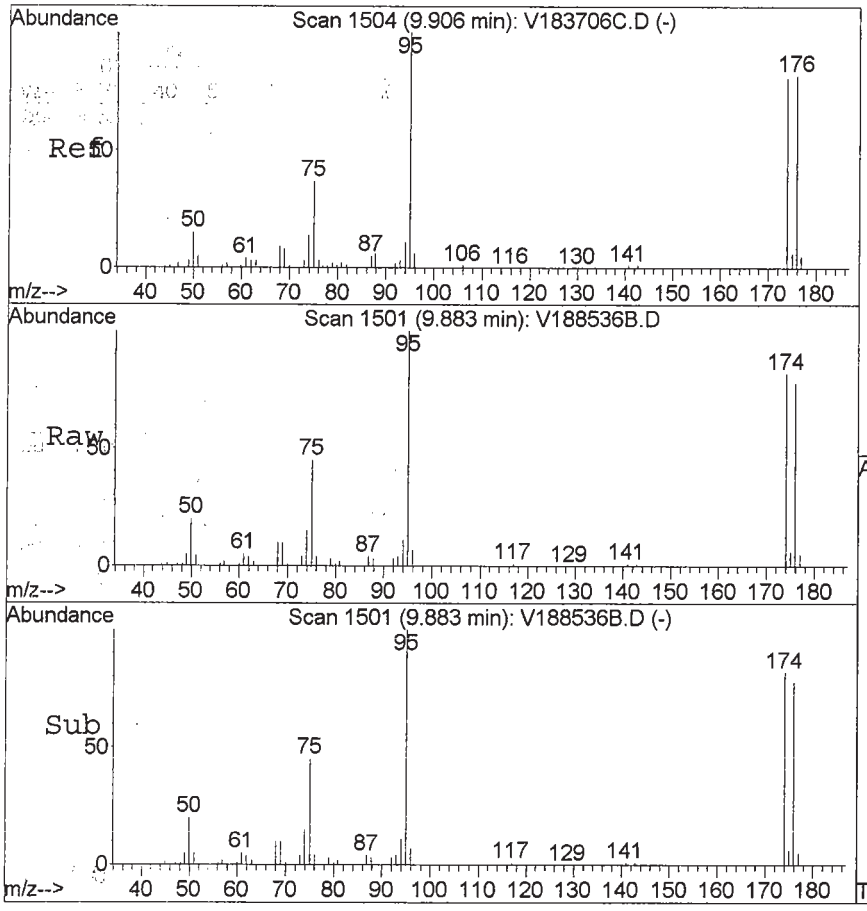


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.60 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion:152 Resp: 268283

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	69.7	84.8	127.2#

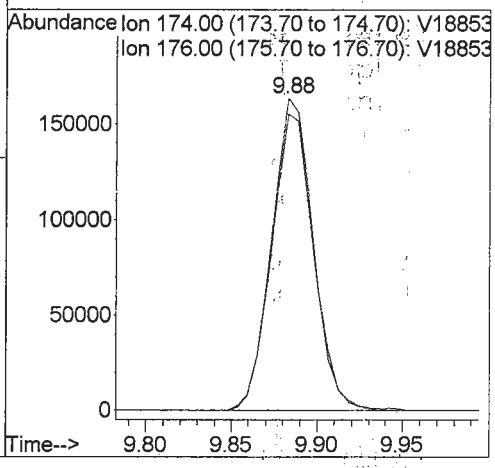




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.88 min Scan# 1501
Delta R.T. -0.01 min
Lab File: V188536B.D
Acq: 26 Apr 2013 10:50 pm

Tgt Ion:174 Resp: 274899

Ion	Ratio	Lower	Upper
174	100		
176	96.5	77.4	116.0



FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31338-BLK1	File ID:	V188557B.D
Prepared:	04/29/13 08:30	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/29/13 12:00	Instrument:	VOA No.1		
Batch:	BD31338	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethylene	5.0	U
563-58-6	1,1-Dichloropropylene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	10	U
96-18-4	1,2,3-Trichloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	10	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
106-93-4	1,2-Dibromoethane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
78-93-3	2-Butanone	10	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
67-64-1	Acetone	10	U
71-43-2	Benzene	5.0	U
108-86-1	Bromobenzene	5.0	U
74-97-5	Bromochloromethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31338-BLK1	File ID:	V188557B.D
Prepared:	04/29/13 08:30	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/29/13 12:00	Instrument:	VOA No.1		
Batch:	BD31338	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
156-59-2	cis-1,2-Dichloroethylene	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	5.0	U
124-48-1	Dibromochloromethane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
100-41-4	Ethyl Benzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5.0	U
75-09-2	Methylene chloride	4.3	J
91-20-3	Naphthalene	10	U
104-51-8	n-Butylbenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	p- & m- Xylenes	10	U
99-87-6	p-Isopropyltoluene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
100-42-5	Styrene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
127-18-4	Tetrachloroethylene	5.0	U
108-88-3	Toluene	5.0	U
156-60-5	trans-1,2-Dichloroethylene	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	5.0	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	BD31338-BLK1	File ID:	V188557B.D
Prepared:	04/29/13 08:30	Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Analyzed:	04/29/13 12:00	Instrument:	VOA No.1		
Batch:	BD31338	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
79-01-6	Trichloroethylene	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
1330-20-7	Xylenes, Total	15	U
108-05-4	Vinyl acetate	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.1	112	72.6 - 129	
p-Bromofluorobenzene	50.0	49.6	99.1	63.5 - 145	
Toluene-d8	50.0	47.2	94.4	81.2 - 127	

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\V1042913\V188557B.D Vial: 6
Acq On : 29 Apr 2013 12:00 pm Operator: SS
Sample : BD31338-BLK1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

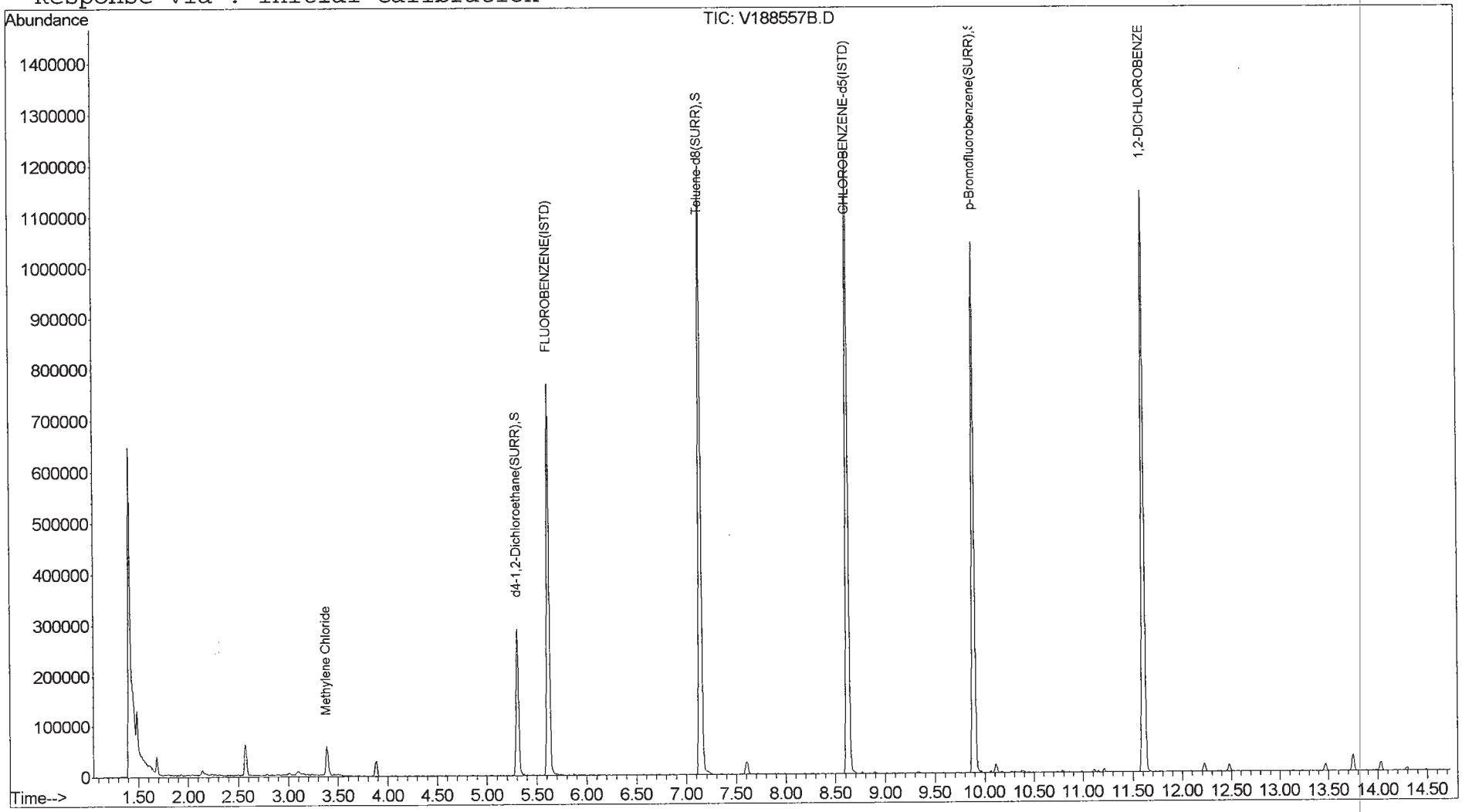
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

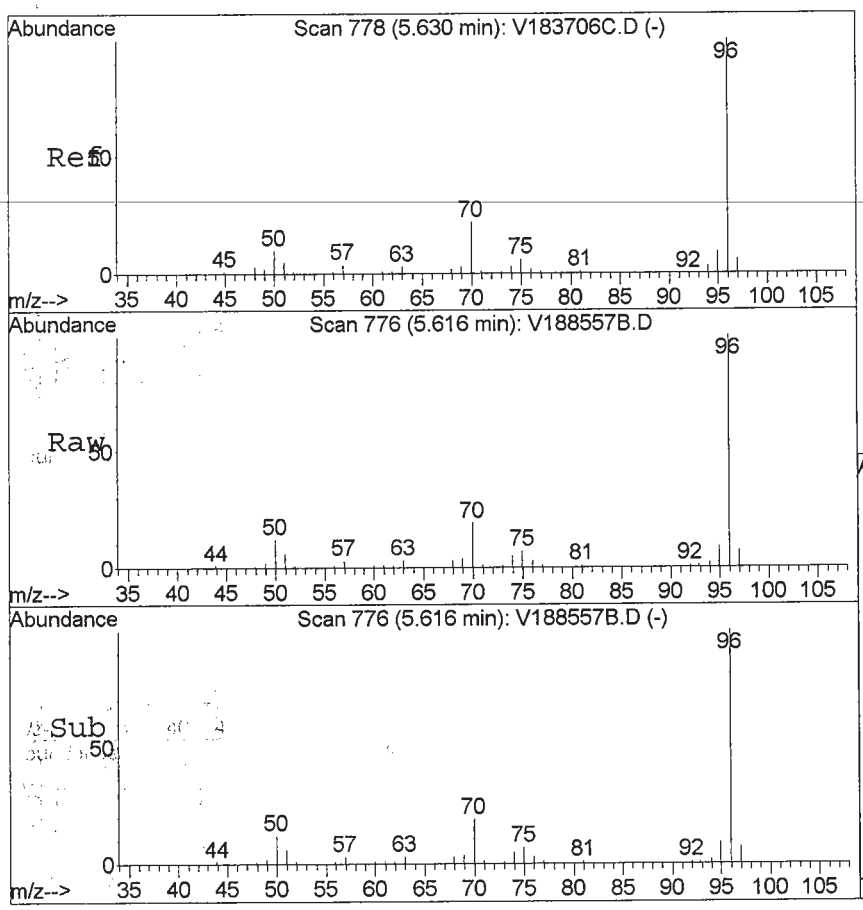
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	129050	50.00	ppb	0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	761774	50.00	ppb	0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	328655	50.00	ppb	0.00
System Monitoring Compounds						
32) d4-1,2-Dichloroethane(SURR	5.30	65	210665	56.13	ppb	0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 112.26%			
47) Toluene-d8(SURR)	7.14	98	771256	47.22	ppb	0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.44%			
64) p-Bromofluorobenzene(SURR)	9.89	174	329230	49.56	ppb	0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.12%			
Target Compounds						Qvalue
17) Methylene Chloride	3.38	49	26082	4.33	ppb	97

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\V1042913\V188557B.D Vial: 6
Acq On : 29 Apr 2013 12:00 pm Operator: SS
Sample : BD31338-BLK1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:10 2013 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration

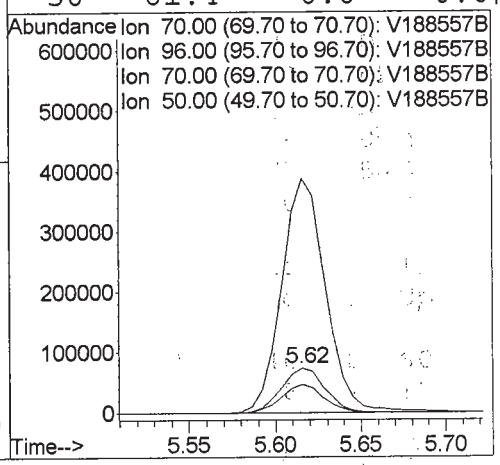


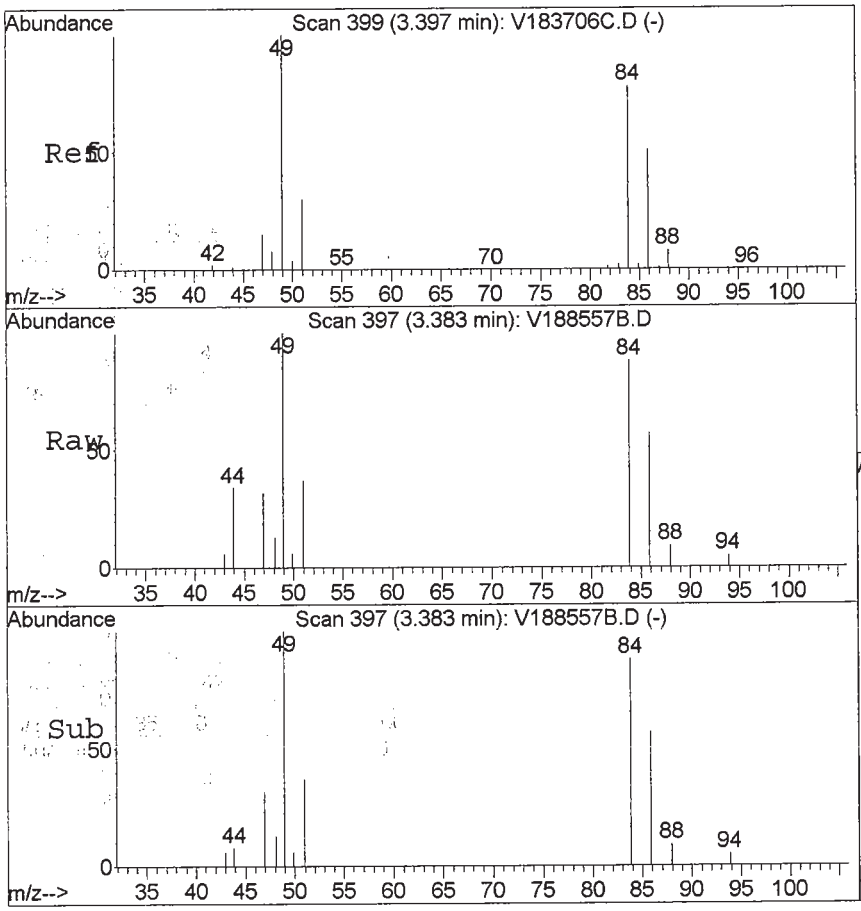


#1
FLUOROBENZENE(ISTD)
Concen: 50.00 ppb
RT: 5.62 min Scan# 776
Delta R.T. -0.00 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion: 70 Resp: 129050

Ion	Ratio	Lower	Upper
70	100		
96	0.0	400.1	600.1#
70	100.0	80.0	120.0
50	61.4	0.0	0.0#

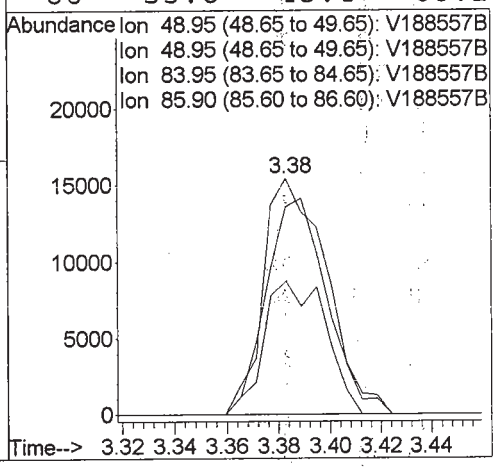


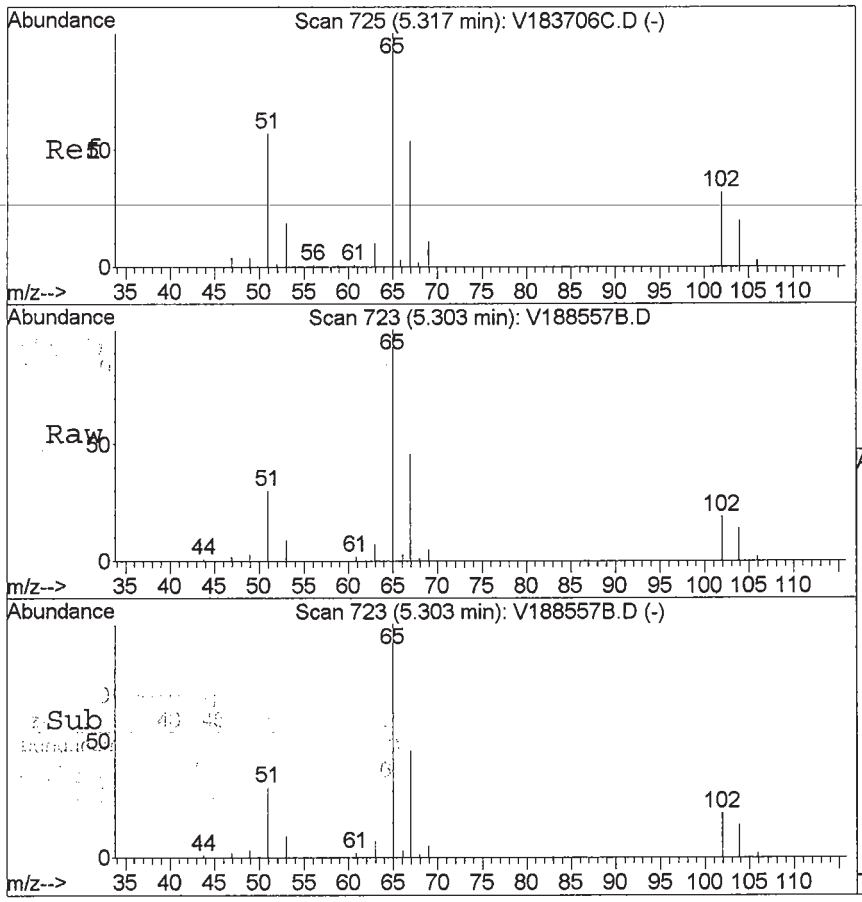


#17
Methylene Chloride
Concen: 4.33 ppb
RT: 3.38 min Scan# 397
Delta R.T. -0.01 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion: 49 Resp: 26082

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	89.6	66.3	99.5
86	55.8	45.4	68.2

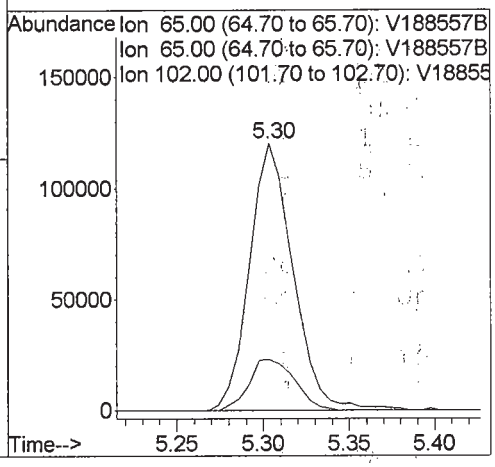


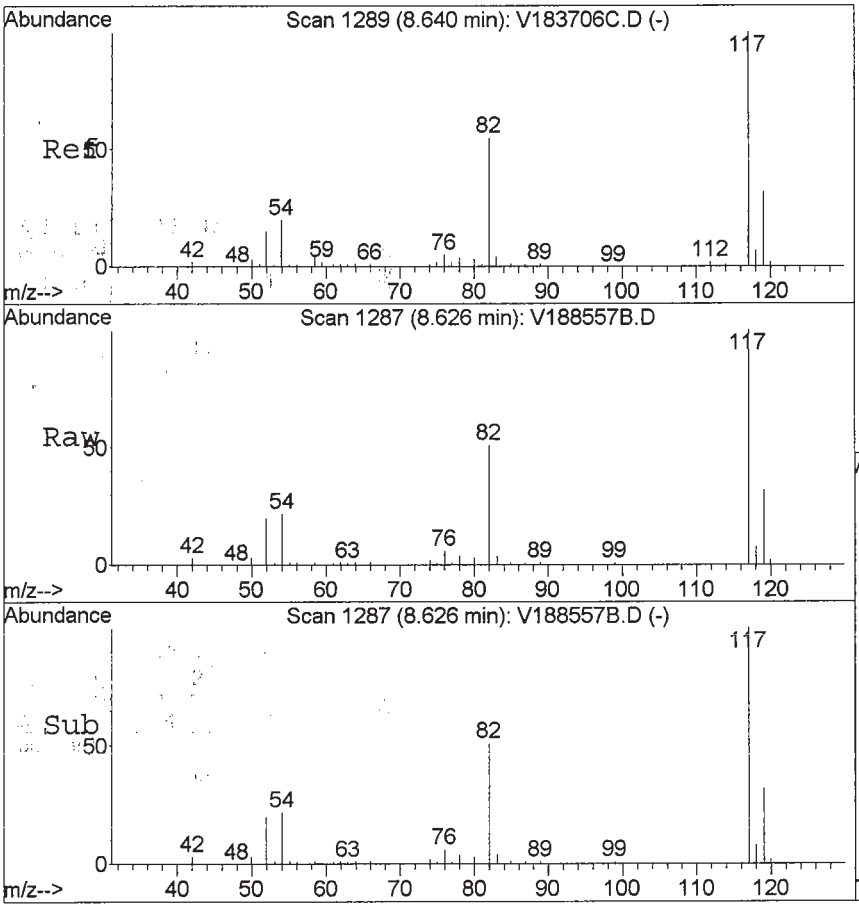


#32
d4-1,2-Dichloroethane(SURR)
Concen: N.D. ppb
RT: 5.30 min Scan# 723
Delta R.T. -0.01 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion: 65 Resp: 210665

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	20.1	15.8	23.8

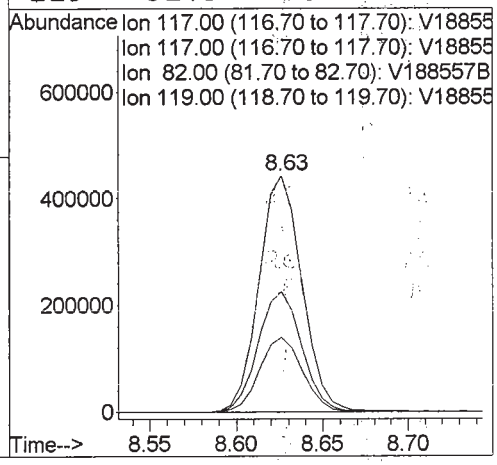


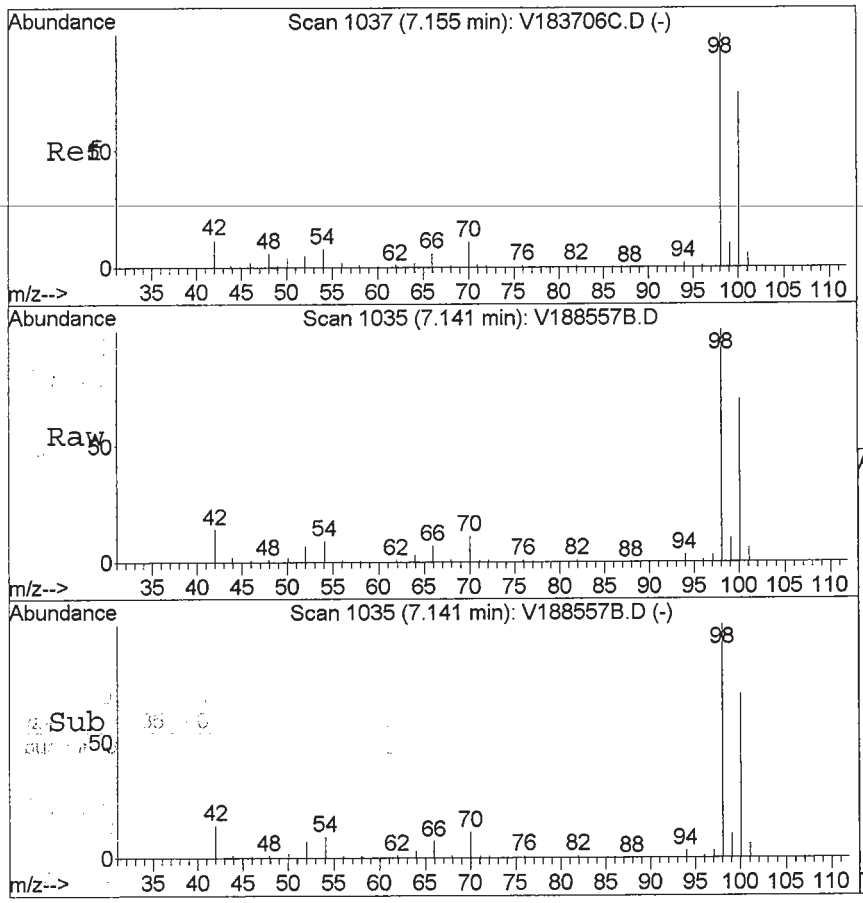


#36
CHLOROBENZENE-d5(ISTD)
Concen: 50.00 ppb
RT: 8.63 min Scan# 1287
Delta R.T. -0.00 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion:117 Resp: 761774

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	31.9	25.5	38.3

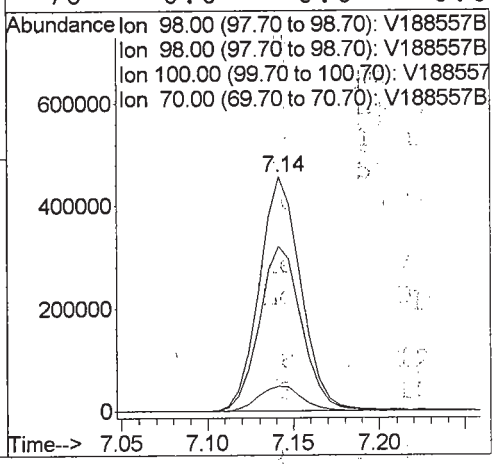


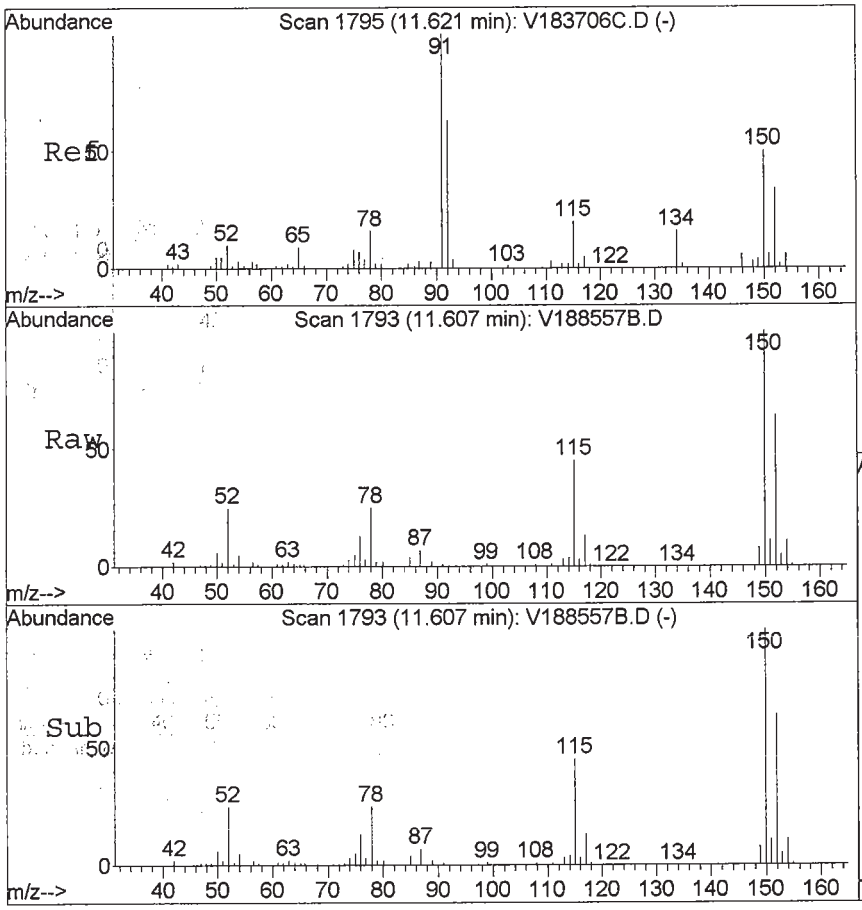


#47
Toluene-d8(SURR)
Concen: N.D. ppb
RT: 7.14 min Scan# 1035
Delta R.T. -0.01 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion: 98 Resp: 771256

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.7	35.3	105.7
70	0.0	0.0	0.0

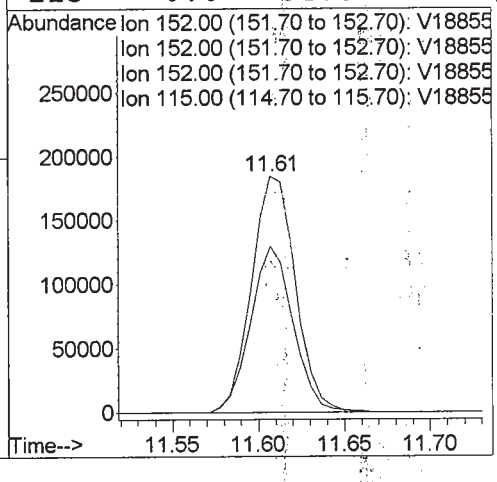


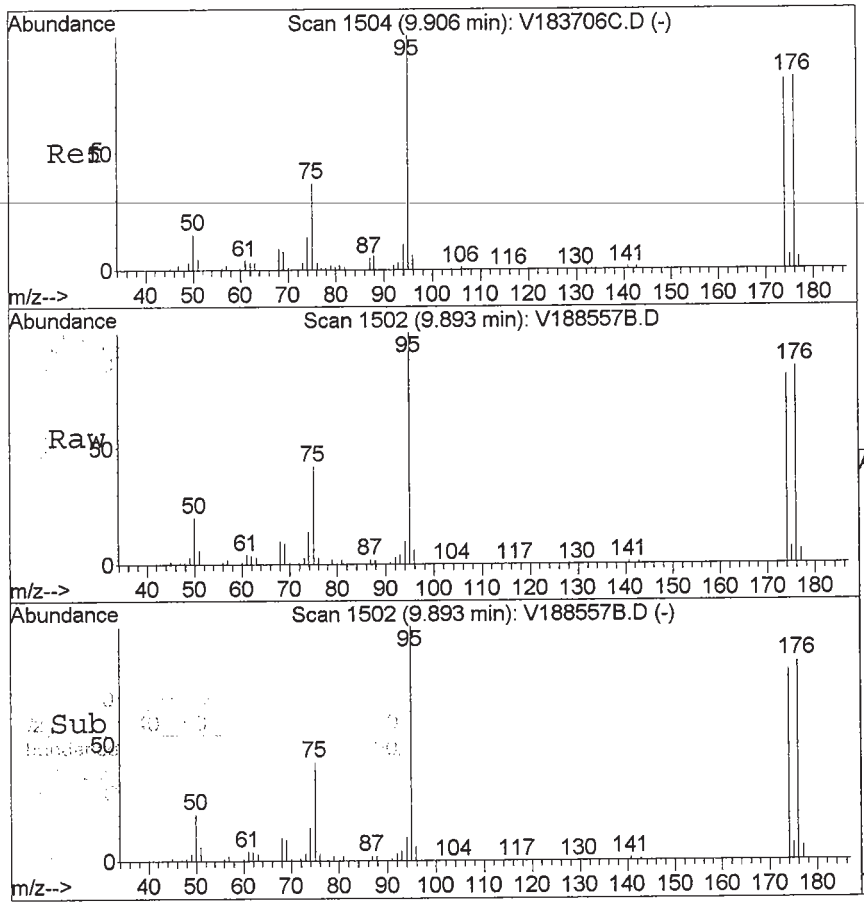


#62
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 50.00 ppb
RT: 11.61 min Scan# 1793
Delta R.T. -0.01 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion:152 Resp: 328655

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	84.8	127.2#

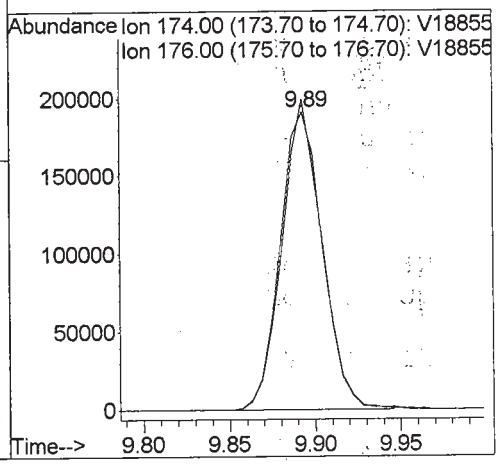




#64
p-Bromofluorobenzene(SURR)
Concen: N.D. ppb
RT: 9.89 min Scan# 1502
Delta R.T. -0.00 min
Lab File: V188557B.D
Acq: 29 Apr 2013 12:00 pm

Tgt Ion:174 Resp: 329230

Ion	Ratio	Lower	Upper
174	100		
176	97.4	77.4	116.0



FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	46	91.4	82.3 - 130
1,1,1-Trichloroethane	50.0	52	104	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	43	86.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	50	100	71.1 - 129
1,1,2-Trichloroethane	50.0	44	87.4	74.5 - 129
1,1-Dichloroethane	50.0	59	118	79.6 - 132
1,1-Dichloroethylene	50.0	48	95.2	80.2 - 146
1,1-Dichloropropylene	50.0	49	98.6	75 - 136
1,2,3-Trichlorobenzene	50.0	43	86.1	66.1 - 136
1,2,3-Trichloropropane	50.0	46	91.6	63 - 131
1,2,4-Trichlorobenzene	50.0	42	84.4	70.6 - 136
1,2,4-Trimethylbenzene	50.0	43	85.5	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	50	101	58.9 - 140
1,2-Dibromoethane	50.0	46	91.3	79 - 130
1,2-Dichlorobenzene	50.0	42	85.0	76.1 - 122
1,2-Dichloroethane	50.0	52	104	74.6 - 132
1,2-Dichloropropane	50.0	46	92.2	76.9 - 129
1,3,5-Trimethylbenzene	50.0	43	86.8	70.6 - 127
1,3-Dichlorobenzene	50.0	44	87.4	77 - 124
1,3-Dichloropropane	50.0	44	88.9	75.8 - 126
1,4-Dichlorobenzene	50.0	43	85.9	76.6 - 125
2,2-Dichloropropane	50.0	52	104	69 - 133
2-Butanone	50.0	53	106	70 - 130
2-Chlorotoluene	50.0	43	86.4	66.3 - 119
4-Chlorotoluene	50.0	44	87.2	69.2 - 127
Acetone	50.0	41	82.2	70 - 130
Benzene	50.0	52	104	76.2 - 129
Bromobenzene	50.0	43	86.6	71.3 - 123
Bromochloromethane	50.0	56	113	70.8 - 137
Bromodichloromethane	50.0	46	92.4	79.7 - 134

FORM III **LCS / LCS DUPLICATE RECOVERY**

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	47	93.8	70.5 - 141
Bromomethane	50.0	46	91.9	43.9 - 147
Carbon tetrachloride	50.0	52	104	78.1 - 138
Chlorobenzene	50.0	46	91.8	80.4 - 125
Chloroethane	50.0	51	102	55.8 - 140
Chloroform	50.0	50	100	76.6 - 133
Chloromethane	50.0	40	79.2	48.8 - 115
cis-1,2-Dichloroethylene	50.0	54	108	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	94.5	74.5 - 128
Dibromochloromethane	50.0	49	97.3	79.8 - 134
Dibromomethane	50.0	56	112	79 - 130
Dichlorodifluoromethane	50.0	52	104 *	47.1 - 101
Ethyl Benzene	50.0	46	93.0	80.8 - 128
Hexachlorobutadiene	50.0	44	87.5	64.8 - 128
Isopropylbenzene	50.0	44	88.8	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	58	116	65.1 - 140
Methylene chloride	50.0	41	81.8	61.3 - 120
Naphthalene	50.0	44	88.4	62.3 - 148
n-Butylbenzene	50.0	40	80.7	67.2 - 123
n-Propylbenzene	50.0	44	87.6	70.5 - 127
o-Xylene	50.0	45	89.3	75.9 - 122
p- & m- Xylenes	100	92	92.4	77.7 - 127
p-Isopropyltoluene	50.0	44	87.7	75.6 - 129
sec-Butylbenzene	50.0	45	89.5	71.5 - 125
Styrene	50.0	47	93.4	77.8 - 123
tert-Butylbenzene	50.0	44	88.1	75.9 - 151
Tetrachloroethylene	50.0	48	95.7	63.6 - 167
Toluene	50.0	46	92.4	77 - 123
trans-1,2-Dichloroethylene	50.0	56	112	76.3 - 139
trans-1,3-Dichloropropylene	50.0	46	92.4	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	46	91.0	77.9 - 130
Trichlorofluoromethane	50.0	47	93.8	57.4 - 133
Vinyl Chloride	50.0	48	96.1	54.9 - 124
Vinyl acetate	50.0	47	93.8	70 - 130

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188534L.D Vial: 21
Acq On : 26 Apr 2013 9:33 pm Operator: SS
Sample : BD31300-BS1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	135427	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	765696	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	309414	50.00	ppb		-0.01
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	207253	52.62	ppb		-0.01
Spiked Amount 50.000	Range 64 - 122		Recovery = 105.24%				
47) Toluene-d8(SURR)	7.14	98	802007	48.85	ppb		-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.70%				
64) p-Bromofluorobenzene(SURR)	9.89	174	310583	49.66	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 99.32%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	592476	52.20	ppb		99
3) Chloromethane	1.73	50	297532	39.60	ppb		99
4) Vinyl Chloride	1.83	62	303266	48.06	ppb		100
5) Bromomethane	2.14	94	200195	45.97	ppb		99
6) Chloroethane	2.23	64	166769	50.82	ppb		100
7) Trichlorofluoromethane	2.47	101	582783	46.92	ppb		100
8) Ethyl Ether	2.74	59	148226	50.82	ppb		98
9) Freon-113	2.94	101	343080	50.18	ppb		98
10) 1,1-Dichloroethylene	2.94	61	420799	47.61	ppb		98
11) Acrolein	2.86	56	8839	37.18	ppb		90
12) Iodomethane	3.08	142	239442	51.05	ppb		97
13) Methyl Acetate	3.30	43	91933	59.82	ppb		99
14) tert-Butyl Alcohol (TBA)	3.52	59	317478	1018.56	ppb		98
15) trans-1,2-Dichloroethylene	3.63	61	401810	56.20	ppb		98
16) Carbon Disulfide	3.15	76	1370872	99.90	ppb		100
17) Methylene Chloride	3.39	49	258275	40.91	ppb		98
18) Acrylonitrile	3.61	53	42380	61.19	ppb	#	98
19) tert-Butyl Methyl Ether (M	3.65	73	614736	58.01	ppb		100
20) Acetone	3.01	43	62246	41.10	ppb		99
21) 1,1-Dichloroethane	4.02	63	524966	59.21	ppb		99
22) Vinyl Acetate	4.07	43	251206	46.91	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	364505	53.77	ppb	#	99
24) 2-Butanone	4.58	72	15762	53.15	ppb		91
25) 2,2-Dichloropropane	4.55	77	549727	52.25	ppb		100
26) Bromochloromethane	4.77	49	199053	56.27	ppb		98
27) Chloroform	4.84	83	623714	50.23	ppb		99
28) Tetrahydrofuran	4.83	71	13728	49.13	ppb	#	51
29) 1,1-Dichloropropylene	5.16	75	480603	49.32	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188534L.D Vial: 21
Acq On : 26 Apr 2013 9:33 pm Operator: SS
Sample : BD31300-BS1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	1,1,1-Trichloroethane	5.01	97	674965	52.13	ppb		100
31)	Cyclohexane	5.06	56	395261	30.46	ppb	#	47
33)	Carbon Tetrachloride	5.17	117	579689	51.86	ppb		99
34)	1,2-Dichloroethane	5.37	62	429084	52.07	ppb		100
35)	Benzene	5.36	78	1069635	51.80	ppb		99
37)	Trichloroethylene	5.96	95	374916	45.52	ppb		99
38)	Methyl Cyclohexane	6.15	83	474915	40.44	ppb	#	100
39)	Dibromomethane	6.28	93	169469	55.82	ppb		99
40)	Methyl Methacrylate	6.27	69	123804	45.98	ppb		99
41)	Bromodichloromethane	6.43	83	461695	46.18	ppb		99
42)	1,2-Dichloropropane	6.17	63	240616	46.10	ppb		99
44)	2-Chloroethylvinyl ether	6.72	63	177673	84.66	ppb		98
45)	cis-1,3-Dichloropropene	6.87	75	471361	47.23	ppb		100
46)	2-Hexanone	7.86	43	117928	29.85	ppb		98
48)	Toluene	7.20	91	1266028	46.20	ppb		100
49)	trans-1,3-Dichloropropene	7.42	75	416945	46.20	ppb		99
50)	1,1,2-Trichloroethane	7.60	83	162616	43.72	ppb		97
51)	1,3-Dichloropropane	7.78	76	361997	44.46	ppb	#	100
52)	Tetrachloroethylene	7.76	166	443824	47.87	ppb		100
53)	4-Methyl-2-Pentanone	7.02	43	172818	31.55	ppb	#	97
54)	Dibromochloromethane	8.02	129	334144	48.63	ppb		100
55)	1,2-Dibromoethane	8.14	107	239543	45.63	ppb		100
56)	Chlorobenzene	8.65	112	866110	45.88	ppb		99
57)	Ethyl Benzene	8.76	91	1593535	46.48	ppb		100
58)	p- & m-Xylenes	8.89	91	2414598	92.41	ppb		99
59)	o-Xylene	9.32	91	1198547	44.67	ppb		100
60)	Styrene	9.33	104	921868	46.68	ppb		100
61)	1,1,1,2-Tetrachloroethane	8.73	131	334452	45.70	ppb		100
63)	Bromoform	9.53	173	178627	46.88	ppb	#	100
65)	p-Ethyltoulene	10.30	105	1498469	44.04	ppb		97
66)	p-Diethylbenzene	11.58	119	632865	35.34	ppb		88
67)	1,1,2,2-Tetrachloroethane	10.04	83	218395	43.02	ppb		99
68)	1,2,3-Trichloropropane	10.10	110	87003	45.78	ppb		95
69)	Isopropylbenzene	9.72	105	1615197	44.42	ppb	#	100
70)	1,2-Dibromo-3-Chloropropan	12.51	75	53411	50.48	ppb		94
71)	Bromobenzene	10.05	77	568400	43.30	ppb		97
72)	trans-1,4-Dichloro-2-buten	10.10	75	276337m	43.76	ppb		
73)	n-Propylbenzene	10.17	91	1799269	43.78	ppb		100
74)	2-Chlorotoluene	10.27	91	1195634	43.19	ppb		100
75)	4-Chlorotoluene	10.39	91	1191501	43.58	ppb		100
76)	tert-Butylbenzene	10.73	119	1424458	44.07	ppb	#	78

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188534L.D Vial: 21
Acq On : 26 Apr 2013 9:33 pm Operator: SS
Sample : BD31300-BS1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

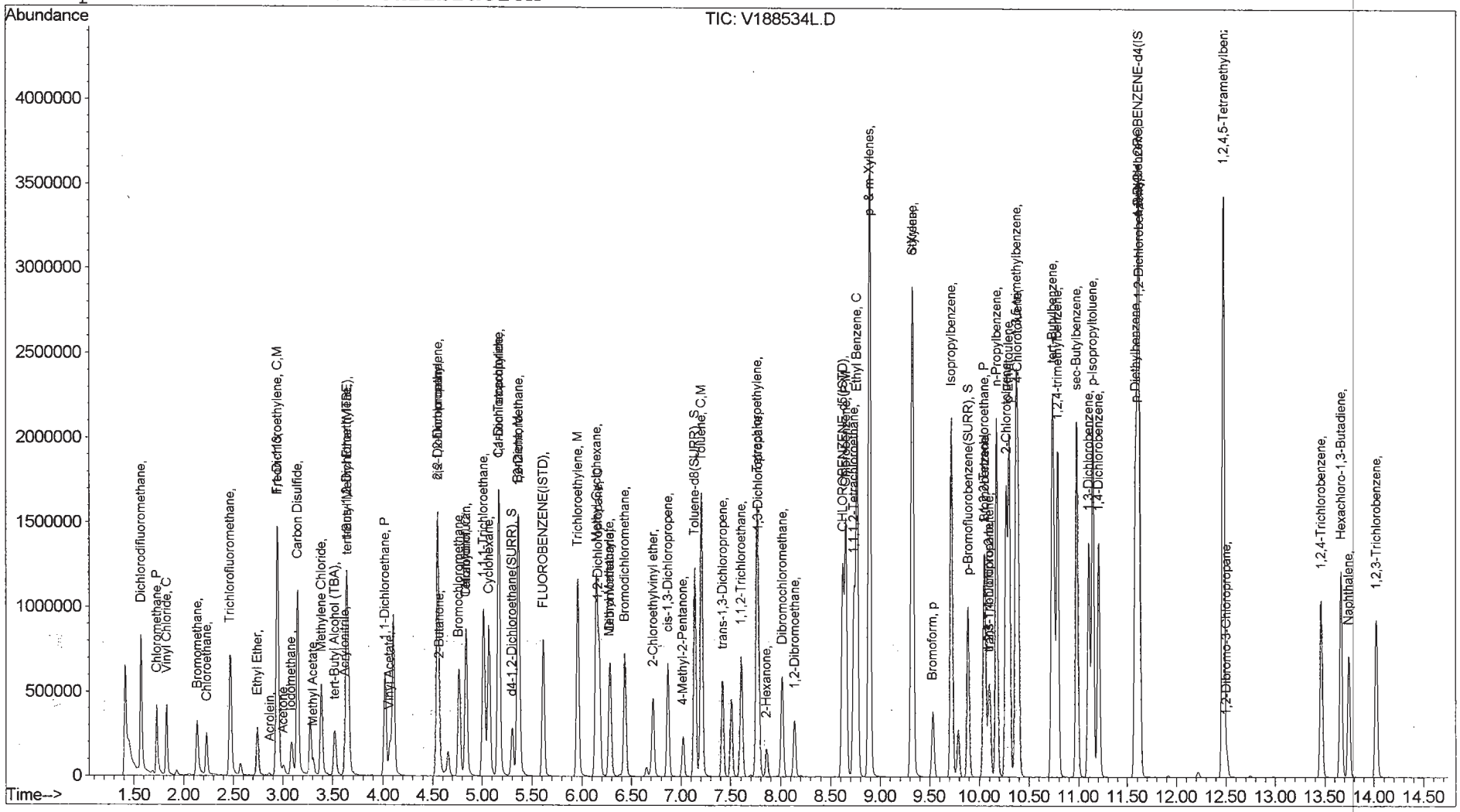
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77) 1,3,5-trimethylbenzene	10.37	105	1255618	43.41	ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1248424	42.74	ppb		100
79) sec-Butylbenzene	10.98	105	1696870	44.74	ppb		99
80) 1,3-Dichlorobenzene	11.10	146	634400	43.68	ppb	#	100
81) 1,4-Dichlorobenzene	11.20	146	616465	42.97	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	538281	42.49	ppb	#	84
83) p-Isopropyltoluene	11.14	119	1394236	43.85	ppb	#	100
84) n-Butylbenzene	11.61	91	1443510	40.35	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.48	119	2188715	81.29	ppb		99
86) 1,2,4-Trichlorobenzene	13.46	180	390968	42.22	ppb		98
87) Naphthalene	13.74	128	642306	44.18	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	274530	43.75	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.02	182	328619	43.04	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188534L.D Vial: 21
Acq On : 26 Apr 2013 9:33 pm Operator: SS
Sample : BD31300-BS1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	48	96.7	82.3 - 130
1,1,1-Trichloroethane	50.0	55	110	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	42	83.8	71.3 - 131
1,1,2-Trichloro-1.2.2-trifluoroethane (Freon 113)	50.0	52	104	71.1 - 129
1,1,2-Trichloroethane	50.0	44	87.9	74.5 - 129
1,1-Dichloroethane	50.0	59	118	79.6 - 132
1,1-Dichloroethylene	50.0	50	99.7	80.2 - 146
1,1-Dichloropropylene	50.0	50	100	75 - 136
1,2,3-Trichlorobenzene	50.0	44	88.5	66.1 - 136
1,2,3-Trichloropropane	50.0	43	86.5	63 - 131
1,2,4-Trichlorobenzene	50.0	44	88.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	44	87.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	50	100	58.9 - 140
1,2-Dibromoethane	50.0	46	92.5	79 - 130
1,2-Dichlorobenzene	50.0	44	88.2	76.1 - 122
1,2-Dichloroethane	50.0	55	110	74.6 - 132
1,2-Dichloropropane	50.0	45	90.9	76.9 - 129
1,3,5-Trimethylbenzene	50.0	45	90.6	70.6 - 127
1,3-Dichlorobenzene	50.0	45	91.0	77 - 124
1,3-Dichloropropane	50.0	44	88.0	75.8 - 126
1,4-Dichlorobenzene	50.0	45	89.8	76.6 - 125
2,2-Dichloropropane	50.0	57	114	69 - 133
2-Butanone	50.0	56	112	70 - 130
2-Chlorotoluene	50.0	43	86.3	66.3 - 119
4-Chlorotoluene	50.0	45	90.0	69.2 - 127
Acetone	50.0	41	81.1	70 - 130
Benzene	50.0	51	102	76.2 - 129
Bromobenzene	50.0	43	86.2	71.3 - 123
Bromochloromethane	50.0	57	113	70.8 - 137
Bromodichloromethane	50.0	47	94.0	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	50.0	49	98.5	70.5 - 141
Bromomethane	50.0	49	98.9	43.9 - 147
Carbon tetrachloride	50.0	55	110	78.1 - 138
Chlorobenzene	50.0	48	95.3	80.4 - 125
Chloroethane	50.0	51	102	55.8 - 140
Chloroform	50.0	52	105	76.6 - 133
Chloromethane	50.0	39	77.7	48.8 - 115
cis-1,2-Dichloroethylene	50.0	54	108	75.1 - 128
cis-1,3-Dichloropropylene	50.0	47	93.6	74.5 - 128
Dibromochloromethane	50.0	51	102	79.8 - 134
Dibromomethane	50.0	56	111	79 - 130
Dichlorodifluoromethane	50.0	51	103 *	47.1 - 101
Ethyl Benzene	50.0	47	94.0	80.8 - 128
Hexachlorobutadiene	50.0	45	90.8	64.8 - 128
Isopropylbenzene	50.0	45	89.7	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	58	115	65.1 - 140
Methylene chloride	50.0	43	85.7	61.3 - 120
Naphthalene	50.0	43	86.8	62.3 - 148
n-Butylbenzene	50.0	42	83.5	67.2 - 123
n-Propylbenzene	50.0	44	87.1	70.5 - 127
o-Xylene	50.0	46	91.5	75.9 - 122
p- & m- Xylenes	100	94	93.7	77.7 - 127
p-Isopropyltoluene	50.0	46	91.2	75.6 - 129
sec-Butylbenzene	50.0	45	89.2	71.5 - 125
Styrene	50.0	48	95.6	77.8 - 123
tert-Butylbenzene	50.0	45	90.7	75.9 - 151
Tetrachloroethylene	50.0	46	92.4	63.6 - 167
Toluene	50.0	45	90.6	77 - 123
trans-1,2-Dichloroethylene	50.0	55	110	76.3 - 139
trans-1,3-Dichloropropylene	50.0	48	95.4	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-BS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	50.0	47	93.3	77.9 - 130
Trichlorofluoromethane	50.0	50	99.8	57.4 - 133
Vinyl Chloride	50.0	46	92.8	54.9 - 124
Vinyl acetate	50.0	48	95.7	70 - 130

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188555L.D Vial: 4
Acq On : 29 Apr 2013 10:42 am Operator: SS
Sample : BD31338-BS1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 11:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	129342	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	743770	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	309390	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	211754	56.30	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 112.60%				
47) Toluene-d8(SURR)	7.14	98	750745	47.08	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 94.16%				
64) p-Bromofluorobenzene(SURR)	9.89	174	317214	50.73	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	556883	51.37	ppb		99
3) Chloromethane	1.72	50	278578	38.83	ppb		99
4) Vinyl Chloride	1.83	62	279647	46.40	ppb		99
5) Bromomethane	2.13	94	205680	49.45	ppb		99
6) Chloroethane	2.23	64	159533	50.90	ppb		98
7) Trichlorofluoromethane	2.47	101	592157	49.92	ppb		100
8) Ethyl Ether	2.74	59	138711	49.79	ppb		98
9) Freon-113	2.94	101	338185	51.79	ppb		99
10) 1,1-Dichloroethylene	2.94	61	420976	49.87	ppb		98
11) Acrolein	2.86	56	10059	44.30	ppb		100
12) Iodomethane	3.09	142	225007	50.23	ppb		99
13) Methyl Acetate	3.30	43	86320	58.81	ppb		99
14) tert-Butyl Alcohol (TBA)	3.53	59	280361	941.79	ppb		99
15) trans-1,2-Dichloroethylene	3.63	61	376522	55.14	ppb		99
16) Carbon Disulfide	3.14	76	1313766	100.24	ppb		100
17) Methylene Chloride	3.39	49	258544	42.87	ppb		98
18) Acrylonitrile	3.62	53	36270	54.83	ppb	#	100
19) tert-Butyl Methyl Ether (M	3.65	73	583618	57.66	ppb		100
20) Acetone	3.01	43	58615	40.53	ppb		100
21) 1,1-Dichloroethane	4.02	63	500142	59.06	ppb		100
22) Vinyl Acetate	4.07	43	244601	47.83	ppb		99
23) cis-1,2-Dichloroethylene	4.55	96	349706	54.01	ppb	#	99
24) 2-Butanone	4.57	72	15863	56.01	ppb		80
25) 2,2-Dichloropropane	4.55	77	574912	57.21	ppb		100
26) Bromochloromethane	4.77	49	191472	56.68	ppb		95
27) Chloroform	4.84	83	620915	52.35	ppb		99
28) Tetrahydrofuran	4.83	71	13206	49.49	ppb		80
29) 1,1-Dichloropropylene	5.17	75	466237	50.09	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188555L.D Vial: 4
Acq On : 29 Apr 2013 10:42 am Operator: SS
Sample : BD31338-BS1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 11:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.02	97	681725	55.13	ppb	#	98
31) Cyclohexane	5.07	56	375242	30.28	ppb	#	46
33) Carbon Tetrachloride	5.17	117	589060	55.18	ppb		98
34) 1,2-Dichloroethane	5.37	62	431056	54.77	ppb		99
35) Benzene	5.36	78	1002806	50.85	ppb		100
37) Trichloroethylene	5.96	95	373290	46.65	ppb		99
38) Methyl Cyclohexane	6.15	83	455619	39.95	ppb	#	100
39) Dibromomethane	6.29	93	164297	55.71	ppb		99
40) Methyl Methacrylate	6.28	69	115528	44.17	ppb		98
41) Bromodichloromethane	6.44	83	456395	46.99	ppb		100
42) 1,2-Dichloropropane	6.18	63	230453	45.46	ppb		98
44) 2-Chloroethylvinyl ether	6.72	63	168776	82.79	ppb		98
45) cis-1,3-Dichloropropene	6.87	75	453723	46.80	ppb		99
46) 2-Hexanone	7.86	43	114089	29.73	ppb		98
48) Toluene	7.21	91	1205841	45.31	ppb		99
49) trans-1,3-Dichloropropene	7.42	75	417970	47.68	ppb		99
50) 1,1,2-Trichloroethane	7.61	83	158815	43.96	ppb		98
51) 1,3-Dichloropropane	7.78	76	347886	43.99	ppb	#	86
52) Tetrachloroethylene	7.77	166	416270	46.22	ppb		99
53) 4-Methyl-2-Pentanone	7.03	43	161379	30.33	ppb	#	89
54) Dibromochloromethane	8.02	129	341504	51.16	ppb		100
55) 1,2-Dibromoethane	8.14	107	235829	46.25	ppb		100
56) Chlorobenzene	8.66	112	873332	47.63	ppb		98
57) Ethyl Benzene	8.77	91	1564589	46.98	ppb		100
58) p- & m-Xylenes	8.89	91	2378967	93.73	ppb		99
59) o-Xylene	9.32	91	1192870	45.77	ppb		100
60) Styrene	9.34	104	916472	47.78	ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	343815	48.36	ppb		100
63) Bromoform	9.54	173	187662	49.26	ppb	#	100
65) p-Ethyltoulene	10.30	105	1513214	44.47	ppb		97
66) p-Diethylbenzene	11.59	119	655328	36.60	ppb		88
67) 1,1,2,2-Tetrachloroethane	10.04	83	212779	41.91	ppb		100
68) 1,2,3-Trichloropropane	10.10	110	82186	43.25	ppb		96
69) Isopropylbenzene	9.73	105	1630033	44.84	ppb	#	91
70) 1,2-Dibromo-3-Chloropropan	12.52	75	52944	50.04	ppb	#	64
71) Bromobenzene	10.06	77	565907	43.12	ppb		96
72) trans-1,4-Dichloro-2-buten	10.10	75	269220m	42.64	ppb		
73) n-Propylbenzene	10.18	91	1790374	43.57	ppb		100
74) 2-Chlorotoluene	10.27	91	1193759	43.13	ppb		100
75) 4-Chlorotoluene	10.39	91	1230630	45.01	ppb		99
76) tert-Butylbenzene	10.74	119	1465416	45.34	ppb	#	100

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188555L.D Vial: 4
Acq On : 29 Apr 2013 10:42 am Operator: SS
Sample : BD31338-BS1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 11:00 19113 Quant Results File: V1C00360.RE

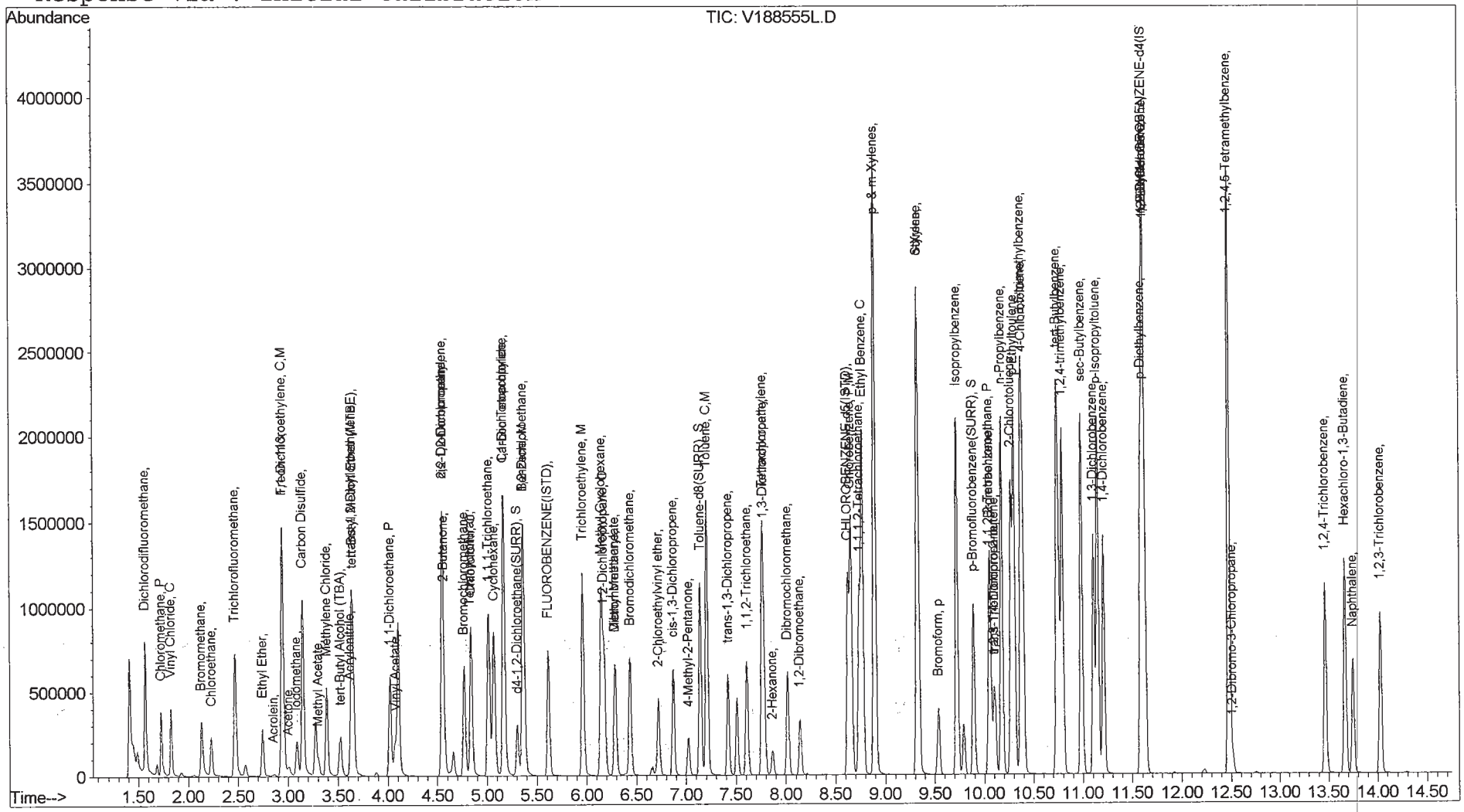
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77) 1,3,5-trimethylbenzene	10.37	105	1309672	45.28	ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1281888	43.89	ppb		100
79) sec-Butylbenzene	10.99	105	1690812	44.58	ppb		100
80) 1,3-Dichlorobenzene	11.11	146	660593	45.49	ppb	#	100
81) 1,4-Dichlorobenzene	11.21	146	644477	44.92	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	558673	44.10	ppb	#	85
83) p-Isopropyltoluene	11.15	119	1450028	45.61	ppb	#	100
84) n-Butylbenzene	11.62	91	1493448	41.75	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.48	119	2221470	82.51	ppb		99
86) 1,2,4-Trichlorobenzene	13.47	180	410670	44.35	ppb		98
87) Naphthalene	13.75	128	630616	43.38	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	284974	45.42	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.03	182	337625	44.23	ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188555L.D Vial: 4
Acq On : 29 Apr 2013 10:42 am Operator: SS
Sample : BD31338-BS1 Inst : VOA No.1
Misc : QBV1042913A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 11:00 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47	93.7	2.49	21.1	82.3 - 130
1,1,1-Trichloroethane	50.0	52	103	0.828	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	50.0	43	86.2	0.139	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48	96.1	4.30	21.7	71.1 - 129
1,1,2-Trichloroethane	50.0	46	91.2	4.23	20.3	74.5 - 129
1,1-Dichloroethane	50.0	58	117	1.55	20.6	79.6 - 132
1,1-Dichloroethylene	50.0	46	92.5	2.90	20	80.2 - 146
1,1-Dichloropropylene	50.0	49	97.5	1.14	19.3	75 - 136
1,2,3-Trichlorobenzene	50.0	41	81.7	5.22	21.6	66.1 - 136
1,2,3-Trichloropropane	50.0	45	90.3	1.43	23.9	63 - 131
1,2,4-Trichlorobenzene	50.0	40	79.9	5.58	21.7	70.6 - 136
1,2,4-Trimethylbenzene	50.0	42	84.2	1.51	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	50.0	54	107	6.13	27.7	58.9 - 140
1,2-Dibromoethane	50.0	46	91.3	0.0438	23	79 - 130
1,2-Dichlorobenzene	50.0	43	85.4	0.446	19.8	76.1 - 122
1,2-Dichloroethane	50.0	51	103	1.39	20.2	74.6 - 132
1,2-Dichloropropane	50.0	47	93.6	1.46	20.7	76.9 - 129
1,3,5-Trimethylbenzene	50.0	44	87.2	0.437	18.9	70.6 - 127
1,3-Dichlorobenzene	50.0	43	85.2	2.50	19.2	77 - 124
1,3-Dichloropropane	50.0	46	91.4	2.73	22.1	75.8 - 126
1,4-Dichlorobenzene	50.0	42	84.9	1.26	18.6	76.6 - 125
2,2-Dichloropropane	50.0	52	104	0.846	19.8	69 - 133
2-Butanone	50.0	53	107	0.263	30	70 - 130
2-Chlorotoluene	50.0	43	85.1	1.49	21.6	66.3 - 119
4-Chlorotoluene	50.0	43	86.7	0.552	19	69.2 - 127
Acetone	50.0	37	74.3	10.1	30	70 - 130
Benzene	50.0	51	103	0.775	19	76.2 - 129
Bromobenzene	50.0	44	87.5	1.03	20.3	71.3 - 123
Bromochloromethane	50.0	55	109	2.85	23.9	70.8 - 137
Bromodichloromethane	50.0	47	94.8	2.65	21	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	50.0	47	94.0	0.234	21.8	70.5 - 141
Bromomethane	50.0	47	94.2	2.43	28.4	43.9 - 147
Carbon tetrachloride	50.0	50	101	2.74	20.1	78.1 - 138
Chlorobenzene	50.0	47	93.3	1.71	19.9	80.4 - 125
Chloroethane	50.0	49	98.8	2.85	23.3	55.8 - 140
Chloroform	50.0	51	102	1.56	20.3	76.6 - 133
Chloromethane	50.0	38	76.6	3.31	24.5	48.8 - 115
cis-1,2-Dichloroethylene	50.0	53	105	2.01	20.5	75.1 - 128
cis-1,3-Dichloropropylene	50.0	46	92.1	2.49	19.9	74.5 - 128
Dibromochloromethane	50.0	51	101	4.01	21.3	79.8 - 134
Dibromomethane	50.0	55	111	0.954	22.4	79 - 130
Dichlorodifluoromethane	50.0	51	103 *	1.45	23.9	47.1 - 101
Ethyl Benzene	50.0	46	92.3	0.669	19.2	80.8 - 128
Hexachlorobutadiene	50.0	42	83.8	4.34	20.6	64.8 - 128
Isopropylbenzene	50.0	44	88.2	0.723	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	50.0	57	113	2.62	23.6	65.1 - 140
Methylene chloride	50.0	40	80.0	2.25	20.4	61.3 - 120
Naphthalene	50.0	44	87.3	1.16	27.1	62.3 - 148
n-Butylbenzene	50.0	40	79.6	1.42	19.1	67.2 - 123
n-Propylbenzene	50.0	43	86.2	1.59	23.4	70.5 - 127
o-Xylene	50.0	45	90.8	1.67	19.3	75.9 - 122
p- & m- Xylenes	100	91	91.5	1.01	18.6	77.7 - 127
p-Isopropyltoluene	50.0	43	86.0	1.93	19.1	75.6 - 129
sec-Butylbenzene	50.0	44	88.6	0.943	18.9	71.5 - 125
Styrene	50.0	47	94.0	0.726	20.9	77.8 - 123
tert-Butylbenzene	50.0	44	88.0	0.204	20.9	75.9 - 151
Tetrachloroethylene	50.0	48	95.3	0.503	27.7	63.6 - 167
Toluene	50.0	47	93.1	0.755	18.7	77 - 123
trans-1,2-Dichloroethylene	50.0	54	108	3.94	19.5	76.3 - 139
trans-1,3-Dichloropropylene	50.0	46	91.7	0.804	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-BSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichloroethylene	50.0	45	90.8	0.264	20.5	77.9 - 130
Trichlorofluoromethane	50.0	46	91.2	2.90	21.4	57.4 - 133
Vinyl Chloride	50.0	46	92.3	4.10	22.3	54.9 - 124
Vinyl acetate	50.0	47	94.9	1.10	30	70 - 130

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188535U.D Vial: 22
Acq On : 26 Apr 2013 10:12 pm Operator: SS
Sample : BD31300-BSD1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	141825	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.62	117	792719	50.00	ppb		-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	322528	50.00	ppb		-0.01
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	216120	52.40	ppb		-0.01
Spiked Amount 50.000	Range 64 - 122		Recovery = 104.80%				
47) Toluene-d8(SURR)	7.14	98	832404	48.98	ppb		-0.01
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.96%				
64) p-Bromofluorobenzene(SURR)	9.89	174	327965	50.31	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	611580	51.45	ppb		100
3) Chloromethane	1.73	50	301391	38.31	ppb		99
4) Vinyl Chloride	1.82	62	304839	46.13	ppb		100
5) Bromomethane	2.13	94	214807	47.10	ppb		99
6) Chloroethane	2.22	64	169758	49.39	ppb		99
7) Trichlorofluoromethane	2.47	101	592810	45.58	ppb		100
8) Ethyl Ether	2.74	59	152759	50.01	ppb		99
9) Freon-113	2.94	101	344162	48.07	ppb		99
10) 1,1-Dichloroethylene	2.94	61	428093	46.25	ppb		97
11) Acrolein	2.86	56	9872	39.65	ppb		93
12) Iodomethane	3.09	142	242852	49.45	ppb		99
13) Methyl Acetate	3.30	43	97215	60.41	ppb		100
14) tert-Butyl Alcohol (TBA)	3.52	59	348383	1067.29	ppb		98
15) trans-1,2-Dichloroethylene	3.63	61	404557	54.03	ppb		98
16) Carbon Disulfide	3.14	76	1405122	97.77	ppb		100
17) Methylene Chloride	3.38	49	264476	40.00	ppb		98
18) Acrylonitrile	3.62	53	44740	61.69	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	627149	56.51	ppb		100
20) Acetone	3.01	43	58939	37.16	ppb		99
21) 1,1-Dichloroethane	4.02	63	541310	58.30	ppb		100
22) Vinyl Acetate	4.07	43	265986	47.43	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	374149	52.70	ppb	#	99
24) 2-Butanone	4.57	72	16548	53.29	ppb		98
25) 2,2-Dichloropropane	4.55	77	570847	51.81	ppb		100
26) Bromochloromethane	4.76	49	202582	54.69	ppb		96
27) Chloroform	4.83	83	663549	51.02	ppb		100
28) Tetrahydrofuran	4.83	71	15030	51.36	ppb	#	63
29) 1,1-Dichloropropylene	5.16	75	497605	48.76	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188535U.D Vial: 22
Acq On : 26 Apr 2013 10:12 pm Operator: SS
Sample : BD31300-BSD1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.01	97	701084	51.70	ppb		99
31) Cyclohexane	5.06	56	401888	29.57	ppb	#	45
33) Carbon Tetrachloride	5.16	117	590713	50.46	ppb		99
34) 1,2-Dichloroethane	5.37	62	443095	51.35	ppb	#	98
35) Benzene	5.35	78	1111544	51.40	ppb		100
37) Trichloroethylene	5.95	95	387120	45.40	ppb		99
38) Methyl Cyclohexane	6.14	83	495238	40.74	ppb	#	100
39) Dibromomethane	6.28	93	173785	55.29	ppb		98
40) Methyl Methacrylate	6.27	69	133898	48.04	ppb		100
41) Bromodichloromethane	6.43	83	490872	47.42	ppb		100
42) 1,2-Dichloropropane	6.17	63	252790	46.78	ppb		100
43) 1,4-Dioxane	6.31	88	1675	36.34	ppb	#	74
44) 2-Chloroethylvinyl ether	6.71	63	183568	84.49	ppb		98
45) cis-1,3-Dichloropropene	6.87	75	476076	46.07	ppb		100
46) 2-Hexanone	7.86	43	129403	31.64	ppb		100
48) Toluene	7.20	91	1320633	46.55	ppb		99
49) trans-1,3-Dichloropropene	7.42	75	428227	45.83	ppb		99
50) 1,1,2-Trichloroethane	7.60	83	175610	45.61	ppb		99
51) 1,3-Dichloropropane	7.78	76	385134	45.69	ppb	#	100
52) Tetrachloroethylene	7.76	166	457240	47.63	ppb		98
53) 4-Methyl-2-Pentanone	7.02	43	181561	32.02	ppb	#	97
54) Dibromochloromethane	8.01	129	360119	50.62	ppb		99
55) 1,2-Dibromoethane	8.14	107	248097	45.65	ppb		99
56) Chlorobenzene	8.65	112	912114	46.67	ppb		98
57) Ethyl Benzene	8.76	91	1638915	46.17	ppb		100
58) p- & m-Xylenes	8.89	91	2474670	91.48	ppb		100
59) o-Xylene	9.31	91	1261453	45.42	ppb		100
60) Styrene	9.33	104	961265	47.02	ppb		99
61) 1,1,1,2-Tetrachloroethane	8.73	131	354976	46.85	ppb		98
63) Bromoform	9.53	173	186635	46.99	ppb	#	100
65) p-Ethyltoulene	10.30	105	1548656	43.66	ppb		97
66) p-Diethylbenzene	11.58	119	641231	34.36	ppb		87
67) 1,1,2,2-Tetrachloroethane	10.04	83	228008	43.08	ppb		99
68) 1,2,3-Trichloropropane	10.09	110	89406	45.13	ppb		99
69) Isopropylbenzene	9.72	105	1671231	44.10	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.50	75	59193	53.67	ppb		91
71) Bromobenzene	10.05	77	598647	43.75	ppb		98
72) trans-1,4-Dichloro-2-buten	10.10	75	285706m	43.40	ppb		
73) n-Propylbenzene	10.17	91	1846132	43.09	ppb		100
74) 2-Chlorotoluene	10.27	91	1227677	42.55	ppb		100
75) 4-Chlorotoluene	10.38	91	1235349	43.34	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188535U.D Vial: 22
Acq On : 26 Apr 2013 10:12 pm Operator: SS
Sample : BD31300-BSD1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

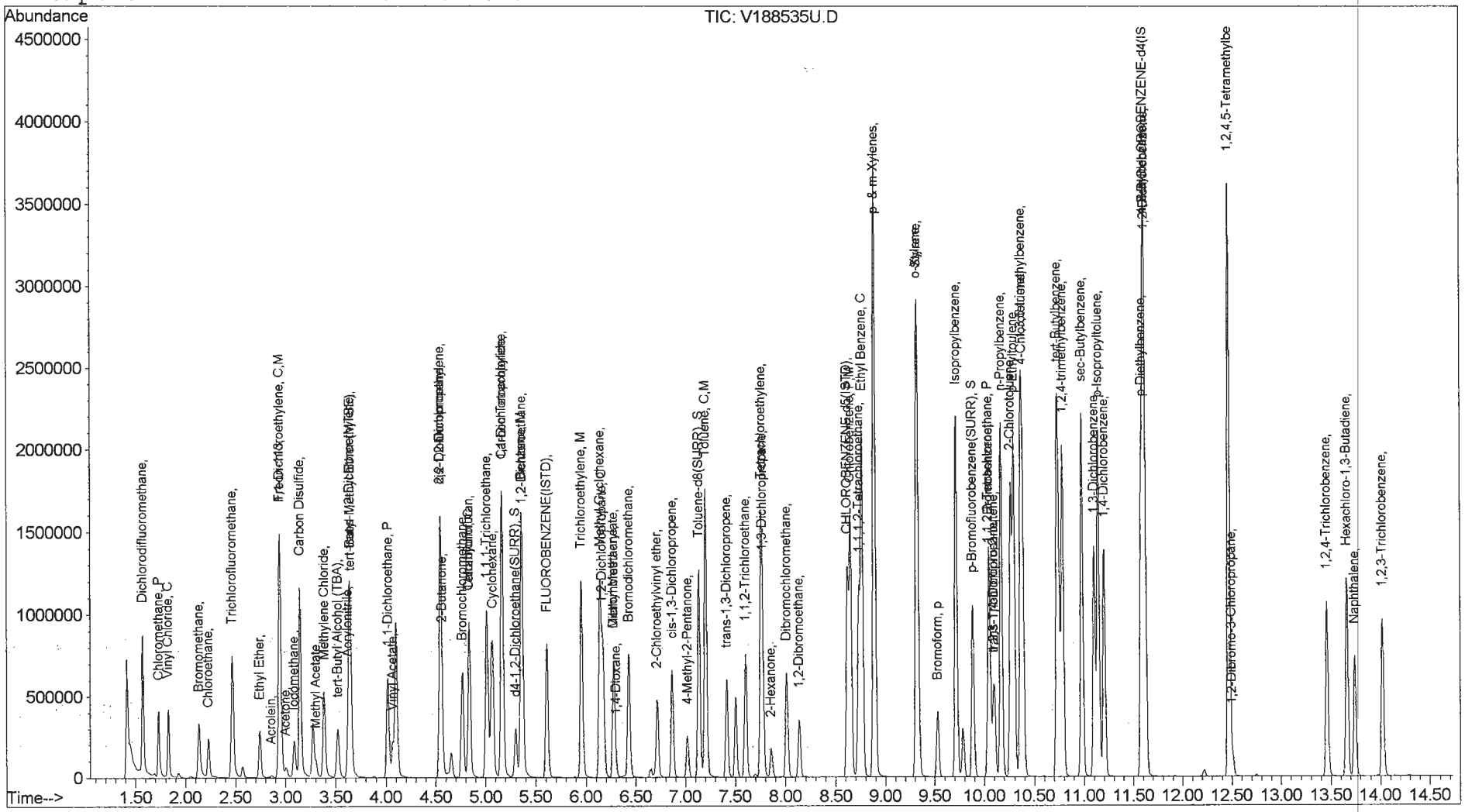
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) tert-Butylbenzene	10.73	119	1481643	43.98	ppb	#	77
77) 1,3,5-trimethylbenzene	10.37	105	1314648	43.60	ppb		100
78) 1,2,4-trimethylbenzene	10.78	105	1281757	42.10	ppb	#	96
79) sec-Butylbenzene	10.98	105	1752333	44.32	ppb		100
80) 1,3-Dichlorobenzene	11.10	146	644942	42.60	ppb	#	99
81) 1,4-Dichlorobenzene	11.20	146	634593	42.43	ppb	#	99
82) 1,2-Dichlorobenzene	11.62	146	563582	42.68	ppb	#	84
83) p-Isopropyltoluene	11.14	119	1425563	43.01	ppb	#	100
84) n-Butylbenzene	11.60	91	1483302	39.78	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.47	119	2247580	80.08	ppb		99
86) 1,2,4-Trichlorobenzene	13.46	180	385464	39.93	ppb		99
87) Naphthalene	13.74	128	661753	43.67	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.66	225	274013	41.89	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.02	182	325050	40.85	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188535U.D Vial: 22
Acq On : 26 Apr 2013 10:12 pm Operator: SS
Sample : BD31300-BSD1 Inst : VOA No.1
Misc : QBV1042613B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:00 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water

Batch: BD31300 Laboratory ID: BD31300-MS1

Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Source Sample Name: MW-1B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	48	96.3	82 - 138
1,1,1-Trichloroethane	50.0	0.98	58	114	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	48	96.3	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	53	106	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	46	92.5	82.5 - 129
1,1-Dichloroethane	50.0	ND	60	119	81.4 - 137
1,1-Dichloroethylene	50.0	ND	51	102	90 - 138
1,1-Dichloropropylene	50.0	ND	51	103	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	42	84.8	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	49	97.6	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	39	78.6	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	42	84.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	53	106	66.6 - 143
1,2-Dibromoethane	50.0	ND	49	97.6	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	44	88.1	79.9 - 130
1,2-Dichloroethane	50.0	ND	58	116	85 - 133
1,2-Dichloropropane	50.0	ND	45	90.4	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	44	87.8	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	43	86.8	79.1 - 124
1,3-Dichloropropane	50.0	ND	48	95.2	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	42	84.3	79.4 - 128
2,2-Dichloropropane	50.0	ND	49	97.6	54.2 - 126
2-Butanone	50.0	ND	58	116	70 - 130
2-Chlorotoluene	50.0	ND	44	87.7	60.2 - 144
4-Chlorotoluene	50.0	ND	44	88.4	79.8 - 128
Acetone	50.0	ND	43	86.6	70 - 130
Benzene	50.0	ND	51	102	74.1 - 134
Bromobenzene	50.0	ND	45	89.6	76.6 - 125
Bromochloromethane	50.0	ND	58	116	85 - 133
Bromodichloromethane	50.0	ND	50	99.3	80.8 - 143
Bromoform	50.0	ND	52	103	65.8 - 164
Bromomethane	50.0	ND	42	84.2	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-1B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31300	Laboratory ID:	BD31300-MS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-1B

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	55	111	85.7 - 138
Chlorobenzene	50.0	ND	47	94.4	79.9 - 129
Chloroethane	50.0	ND	51	102	74.7 - 127
Chloroform	50.0	ND	54	107	50.6 - 145
Chloromethane	50.0	ND	37	74.8	64 - 111
cis-1,2-Dichloroethylene	50.0	1.2	56	109	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	46	91.8	74.3 - 128
Dibromochloromethane	50.0	ND	52	104	76.8 - 150
Dibromomethane	50.0	ND	60	120	83.3 - 140
Dichlorodifluoromethane	50.0	ND	54	107 *	51 - 100
Ethyl Benzene	50.0	ND	47	94.6	82.9 - 127
Hexachlorobutadiene	50.0	ND	44	87.0	73 - 128
Isopropylbenzene	50.0	ND	45	90.9	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	55	110	81.2 - 134
Methylene chloride	50.0	2.6	43	81.3	57.8 - 103
Naphthalene	50.0	ND	44	87.7	80.1 - 122
n-Butylbenzene	50.0	ND	40	79.6	72.4 - 120
n-Propylbenzene	50.0	ND	44	87.9	74 - 130
o-Xylene	50.0	ND	46	92.2	78.8 - 122
p- & m- Xylenes	100	ND	94	93.9	82.5 - 123
p-Isopropyltoluene	50.0	ND	44	89.0	64.9 - 132
sec-Butylbenzene	50.0	ND	45	89.6	25.4 - 151
Styrene	50.0	ND	46	92.4	74.1 - 134
tert-Butylbenzene	50.0	ND	46	91.4	79.5 - 171
Tetrachloroethylene	50.0	18	59	83.1	72.5 - 130
Toluene	50.0	ND	46	92.6	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	50	101	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	46	91.5	74.9 - 136
Trichloroethylene	50.0	4.0	51	94.6	84.4 - 125
Trichlorofluoromethane	50.0	ND	51	102	78.7 - 127
Vinyl Chloride	50.0	ND	49	98.8	72.1 - 116
Vinyl acetate	50.0	ND	41	82.1	70 - 130

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188551M.D Vial: 38
Acq On : 27 Apr 2013 8:36 am Operator: SS
Sample : BD31300-MS1 Inst : VOA No.1
Misc : QBV1042613B 938-02 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:11 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	119758	50.00	ppb		-0.01
36) CHLOROBENZENE-d5(ISTD)	8.62	117	693556	50.00	ppb		-0.01
62) 1,2-DICHLOROBENZENE-d4(IST	11.60	152	282057	50.00	ppb		-0.02
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.29	65	201682	57.91	ppb		-0.02
Spiked Amount 50.000	Range 64 - 122		Recovery = 115.82%				
47) Toluene-d8(SURR)	7.13	98	726159	48.84	ppb		-0.02
Spiked Amount 50.000	Range 83 - 114		Recovery = 97.68%				
64) p-Bromofluorobenzene(SURR)	9.88	174	290332	50.93	ppb		-0.01
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.56	85	537834	53.59	ppb		100
3) Chloromethane	1.72	50	248310	37.38	ppb		99
4) Vinyl Chloride	1.82	62	275720	49.41	ppb		100
5) Bromomethane	2.12	94	162209	42.12	ppb		97
6) Chloroethane	2.22	64	147351	50.77	ppb		99
7) Trichlorofluoromethane	2.46	101	562678	51.23	ppb		100
8) Ethyl Ether	2.73	59	139240	53.98	ppb		94
9) Freon-113	2.93	101	320888	53.08	ppb		99
10) 1,1-Dichloroethylene	2.93	61	396956	50.79	ppb		98
11) Acrolein	2.86	56	8032	38.20	ppb		100
12) Iodomethane	3.07	142	177275	42.74	ppb		99
13) Methyl Acetate	3.30	43	68518	50.42	ppb		99
14) tert-Butyl Alcohol (TBA)	3.52	59	308595	1119.60	ppb		97
15) trans-1,2-Dichloroethylene	3.63	61	319278	50.50	ppb		99
16) Carbon Disulfide	3.14	76	1239203	102.12	ppb		100
17) Methylene Chloride	3.37	49	241708	43.29	ppb		98
18) Acrylonitrile	3.61	53	35931	58.67	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	513787	54.82	ppb		100
20) Acetone	3.00	43	58001	43.31	ppb	#	98
21) 1,1-Dichloroethane	4.01	63	467895	59.68	ppb		99
22) Vinyl Acetate	4.06	43	194408	41.05	ppb		100
23) cis-1,2-Dichloroethylene	4.54	96	335264	55.92	ppb	#	99
24) 2-Butanone	4.57	72	15263	58.21	ppb		91
25) 2,2-Dichloropropane	4.54	77	454215	48.82	ppb		100
26) Bromochloromethane	4.76	49	181482	58.02	ppb		96
27) Chloroform	4.83	83	589262	53.66	ppb		99
28) Tetrahydrofuran	4.82	71	14881	60.23	ppb		94
29) 1,1-Dichloropropylene	5.16	75	443326	51.44	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188551M.D Vial: 38
Acq On : 27 Apr 2013 8:36 am Operator: SS
Sample : BD31300-MS1 Inst : VOA No.1
Misc : QBV1042613B 938-02 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:11 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.01	97	663787	57.97	ppb		100
31) Cyclohexane	5.06	56	353214	30.78	ppb	#	46
33) Carbon Tetrachloride	5.16	117	546479	55.29	ppb		98
34) 1,2-Dichloroethane	5.37	62	424264	58.22	ppb		100
35) Benzene	5.35	78	930020	50.93	ppb		99
37) Trichloroethylene	5.95	95	383201	51.36	ppb		98
38) Methyl Cyclohexane	6.14	83	421093	39.59	ppb	#	100
39) Dibromomethane	6.28	93	165395	60.14	ppb		99
40) Methyl Methacrylate	6.27	69	119049	48.81	ppb		100
41) Bromodichloromethane	6.43	83	449508	49.63	ppb		100
42) 1,2-Dichloropropane	6.17	63	213602	45.18	ppb		96
43) 1,4-Dioxane	6.31	88	980	24.30	ppb	#	74
44) 2-Chloroethylvinyl ether	6.74	63	3746	1.97	ppb	#	86
45) cis-1,3-Dichloropropene	6.86	75	415134	45.92	ppb		99
46) 2-Hexanone	7.86	43	119067	33.28	ppb		99
48) Toluene	7.20	91	1149663	46.32	ppb		100
49) trans-1,3-Dichloropropene	7.42	75	374040	45.75	ppb	#	93
50) 1,1,2-Trichloroethane	7.60	83	155786	46.24	ppb		97
51) 1,3-Dichloropropane	7.77	76	351031	47.60	ppb	#	100
52) Tetrachloroethylene	7.76	166	499109	59.43	ppb		99
53) 4-Methyl-2-Pentanone	7.02	43	167631	33.79	ppb	#	89
54) Dibromochloromethane	8.01	129	323573	51.98	ppb		100
55) 1,2-Dibromoethane	8.13	107	232078	48.80	ppb		100
56) Chlorobenzene	8.65	112	807216	47.21	ppb		99
57) Ethyl Benzene	8.76	91	1469618	47.32	ppb		100
58) p- & m-Xylenes	8.89	91	2222874	93.92	ppb		99
59) o-Xylene	9.31	91	1120712	46.12	ppb		100
60) Styrene	9.32	104	826689	46.22	ppb		99
61) 1,1,1,2-Tetrachloroethane	8.73	131	319084	48.13	ppb		99
63) Bromoform	9.53	173	179326	51.63	ppb	#	100
65) p-Ethyltoulene	10.30	105	1355639	43.70	ppb		99
66) p-Diethylbenzene	11.58	119	566182	34.69	ppb		88
67) 1,1,2,2-Tetrachloroethane	10.04	83	222821	48.14	ppb		100
68) 1,2,3-Trichloropropane	10.08	110	84537	48.79	ppb		90
69) Isopropylbenzene	9.71	105	1506980	45.47	ppb	#	100
70) 1,2-Dibromo-3-Chloropropan	12.51	75	51202	53.09	ppb		93
71) Bromobenzene	10.05	77	535882	44.79	ppb		97
72) trans-1,4-Dichloro-2-buten	10.09	75	261694m	45.46	ppb		
73) n-Propylbenzene	10.17	91	1647403	43.97	ppb		100
74) 2-Chlorotoluene	10.27	91	1105970	43.83	ppb		100
75) 4-Chlorotoluene	10.38	91	1101532	44.19	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188551M.D Vial: 38
Acq On : 27 Apr 2013 8:36 am Operator: SS
Sample : BD31300-MS1 Inst : VOA No.1
Misc : QBV1042613B 938-02 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:11 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

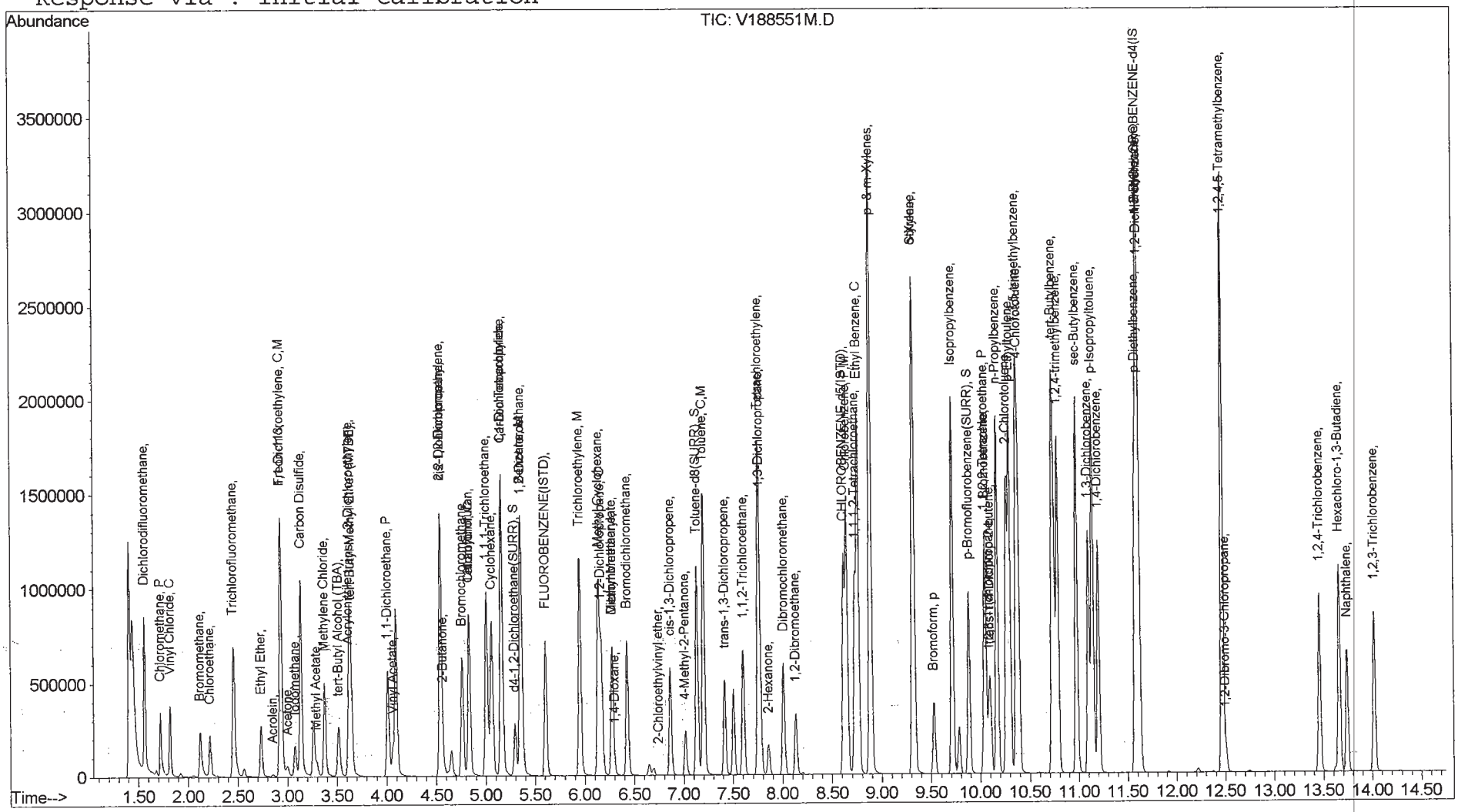
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
76) tert-Butylbenzene	10.73	119	1346358	45.69 ppb	#	77
77) 1,3,5-trimethylbenzene	10.37	105	1157763	43.91 ppb		100
78) 1,2,4-trimethylbenzene	10.79	105	1130048	42.44 ppb		99
79) sec-Butylbenzene	10.98	105	1549623	44.82 ppb		100
80) 1,3-Dichlorobenzene	11.10	146	574705	43.41 ppb	#	100
81) 1,4-Dichlorobenzene	11.20	146	551561	42.17 ppb	#	99
82) 1,2-Dichlorobenzene	11.62	146	508909	44.07 ppb	#	84
83) p-Isopropyltoluene	11.14	119	1289226	44.48 ppb	#	100
84) n-Butylbenzene	11.60	91	1297542	39.79 ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.47	119	1931118	78.68 ppb		99
86) 1,2,4-Trichlorobenzene	13.46	180	331723	39.30 ppb		99
87) Naphthalene	13.74	128	581109	43.85 ppb	#	97
88) Hexachloro-1,3-Butadiene	13.66	225	248836	43.50 ppb	#	100
89) 1,2,3-Trichlorobenzene	14.02	182	295204	42.42 ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : R:\MSVOA1~1\DAILYDAT\V1042613\V188551M.D Vial: 38
Acq On : 27 Apr 2013 8:36 am Operator: SS
Sample : BD31300-MS1 Inst : VOA No.1
Misc : QBV1042613B 938-02 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 29 16:11 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc.
SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office
Project: Deluxe

Matrix: Water

Batch: BD31338
Laboratory ID: BD31338-MS1

Preparation: EPA 5030B
Initial/Final: 5 mL / 5 mL

Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	ND	47	94.6	82 - 138
1,1,1-Trichloroethane	50.0	ND	54	107	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	ND	38	76.9 *	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	ND	49	98.6	74.8 - 131
1,1,2-Trichloroethane	50.0	ND	42	84.4	82.5 - 129
1,1-Dichloroethane	50.0	ND	47	94.0	81.4 - 137
1,1-Dichloroethylene	50.0	ND	48	95.6	90 - 138
1,1-Dichloropropylene	50.0	ND	47	94.1	91.7 - 131
1,2,3-Trichlorobenzene	50.0	ND	40	80.5	75.9 - 130
1,2,3-Trichloropropane	50.0	ND	40	79.5	77.1 - 140
1,2,4-Trichlorobenzene	50.0	ND	40	79.6	69.8 - 135
1,2,4-Trimethylbenzene	50.0	ND	40	80.8	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	ND	45	89.8	66.6 - 143
1,2-Dibromoethane	50.0	ND	45	90.6	79.8 - 136
1,2-Dichlorobenzene	50.0	ND	40	80.5	79.9 - 130
1,2-Dichloroethane	50.0	ND	53	106	85 - 133
1,2-Dichloropropane	50.0	ND	42	84.4	81.1 - 132
1,3,5-Trimethylbenzene	50.0	ND	42	83.3	76.1 - 121
1,3-Dichlorobenzene	50.0	ND	41	81.3	79.1 - 124
1,3-Dichloropropane	50.0	ND	43	85.2	83.3 - 130
1,4-Dichlorobenzene	50.0	ND	40	79.1 *	79.4 - 128
2,2-Dichloropropane	50.0	ND	52	103	54.2 - 126
2-Butanone	50.0	ND	46	92.6	70 - 130
2-Chlorotoluene	50.0	ND	41	82.3	60.2 - 144
4-Chlorotoluene	50.0	ND	42	83.9	79.8 - 128
Acetone	50.0	ND	33	66.6 *	70 - 130
Benzene	50.0	ND	46	92.8	74.1 - 134
Bromobenzene	50.0	ND	39	78.8	76.6 - 125
Bromochloromethane	50.0	ND	52	104	85 - 133
Bromodichloromethane	50.0	ND	48	95.4	80.8 - 143
Bromoform	50.0	ND	44	87.2	65.8 - 164
Bromomethane	50.0	4.9	37	64.6 *	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-MS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	50.0	ND	51	102	85.7 - 138
Chlorobenzene	50.0	ND	45	90.6	79.9 - 129
Chloroethane	50.0	ND	41	81.6	74.7 - 127
Chloroform	50.0	ND	52	104	50.6 - 145
Chloromethane	50.0	ND	26	51.6 *	64 - 111
cis-1,2-Dichloroethylene	50.0	ND	49	97.8	75.5 - 129
cis-1,3-Dichloropropylene	50.0	ND	45	90.5	74.3 - 128
Dibromochloromethane	50.0	ND	48	95.9	76.8 - 150
Dibromomethane	50.0	ND	56	112	83.3 - 140
Dichlorodifluoromethane	50.0	ND	26	52.5	51 - 100
Ethyl Benzene	50.0	ND	46	92.1	82.9 - 127
Hexachlorobutadiene	50.0	ND	43	85.2	73 - 128
Isopropylbenzene	50.0	ND	42	83.2	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	ND	47	94.9	81.2 - 134
Methylene chloride	50.0	5.2	40	70.3	57.8 - 103
Naphthalene	50.0	ND	37	74.2 *	80.1 - 122
n-Butylbenzene	50.0	ND	39	77.9	72.4 - 120
n-Propylbenzene	50.0	ND	41	81.8	74 - 130
o-Xylene	50.0	ND	45	90.4	78.8 - 122
p- & m- Xylenes	100	ND	93	92.9	82.5 - 123
p-Isopropyltoluene	50.0	ND	42	84.2	64.9 - 132
sec-Butylbenzene	50.0	ND	42	84.0	25.4 - 151
Styrene	50.0	ND	46	91.8	74.1 - 134
tert-Butylbenzene	50.0	ND	42	84.1	79.5 - 171
Tetrachloroethylene	50.0	ND	44	88.6	72.5 - 130
Toluene	50.0	ND	44	88.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	ND	47	94.7	83.8 - 140
trans-1,3-Dichloropropylene	50.0	ND	46	91.2	74.9 - 136
Trichloroethylene	50.0	ND	45	89.3	84.4 - 125
Trichlorofluoromethane	50.0	ND	49	97.2	78.7 - 127
Vinyl Chloride	50.0	ND	33	65.6 *	72.1 - 116
Vinyl acetate	50.0	ND	40	80.2	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-MS1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	47	93.1	1.64	21.3	82 - 138
1,1,1-Trichloroethane	50.0	54	108	1.04	22.6	85.7 - 133
1,1,2,2-Tetrachloroethane	50.0	40	80.6	4.62	23.1	78.6 - 136
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49	98.4	0.183	25.6	74.8 - 131
1,1,2-Trichloroethane	50.0	43	85.4	1.23	19.3	82.5 - 129
1,1-Dichloroethane	50.0	52	104	10.4	20.7	81.4 - 137
1,1-Dichloroethylene	50.0	47	93.8	1.94	22.9	90 - 138
1,1-Dichloropropylene	50.0	48	96.5	2.52	24.9	91.7 - 131
1,2,3-Trichlorobenzene	50.0	41	82.7	2.77	21.4	75.9 - 130
1,2,3-Trichloropropane	50.0	43	86.8	8.85	28	77.1 - 140
1,2,4-Trichlorobenzene	50.0	41	82.2	3.21	22.5	69.8 - 135
1,2,4-Trimethylbenzene	50.0	40	79.8	1.30	33.9	79.4 - 131
1,2-Dibromo-3-chloropropane	50.0	48	96.0	6.70	23.3	66.6 - 143
1,2-Dibromoethane	50.0	45	90.4	0.177	19.1	79.8 - 136
1,2-Dichlorobenzene	50.0	41	81.5	1.26	23.2	79.9 - 130
1,2-Dichloroethane	50.0	55	111	4.67	19.1	85 - 133
1,2-Dichloropropane	50.0	42	84.7	0.307	19.9	81.1 - 132
1,3,5-Trimethylbenzene	50.0	42	83.0	0.337	31.2	76.1 - 121
1,3-Dichlorobenzene	50.0	42	83.1	2.29	22.6	79.1 - 124
1,3-Dichloropropane	50.0	43	86.5	1.54	20.9	83.3 - 130
1,4-Dichlorobenzene	50.0	40	79.9	1.06	21	79.4 - 128
2,2-Dichloropropane	50.0	52	104	0.290	24.5	54.2 - 126
2-Butanone	50.0	52	104	11.2	30	70 - 130
2-Chlorotoluene	50.0	40	80.9	1.79	30.8	60.2 - 144
4-Chlorotoluene	50.0	42	83.1	0.934	23.2	79.8 - 128
Acetone	50.0	42	84.3	23.4	30	70 - 130
Benzene	50.0	48	96.0	3.37	20.8	74.1 - 134
Bromobenzene	50.0	41	81.5	3.44	23	76.6 - 125
Bromochloromethane	50.0	55	110	4.88	18.4	85 - 133
Bromodichloromethane	50.0	48	96.3	0.897	18.1	80.8 - 143
Bromoform	50.0	45	90.7	3.94	27.3	65.8 - 164
Bromomethane	50.0	40	69.4	7.17	22.8	68.7 - 112

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-8260B

MW-5D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office	Project:	Deluxe
Matrix:	Water		
Batch:	BD31338	Laboratory ID:	BD31338-MSD1
Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-5D

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	52	103	0.953	25.1	85.7 - 138
Chlorobenzene	50.0	45	90.5	0.110	21	79.9 - 129
Chloroethane	50.0	43	85.7	4.90	23.7	74.7 - 127
Chloroform	50.0	54	108	3.65	21.7	50.6 - 145
Chloromethane	50.0	27	54.9 *	6.31	21.4	64 - 111
cis-1,2-Dichloroethylene	50.0	50	100	2.70	20.2	75.5 - 129
cis-1,3-Dichloropropylene	50.0	45	90.3	0.243	19.8	74.3 - 128
Dibromochloromethane	50.0	50	99.3	3.42	20.8	76.8 - 150
Dibromomethane	50.0	56	113	0.517	20.4	83.3 - 140
Dichlorodifluoromethane	50.0	27	53.8	2.48	27.6	51 - 100
Ethyl Benzene	50.0	46	91.0	1.14	21.4	82.9 - 127
Hexachlorobutadiene	50.0	43	86.6	1.61	26	73 - 128
Isopropylbenzene	50.0	42	83.2	0.0481	26.7	78.7 - 131
Methyl tert-butyl ether (MTBE)	50.0	53	105	10.3	21.2	81.2 - 134
Methylene chloride	50.0	43	75.3	6.86	21.2	57.8 - 103
Naphthalene	50.0	40	80.3	7.90	26.1	80.1 - 122
n-Butylbenzene	50.0	38	76.4	1.87	30.8	72.4 - 120
n-Propylbenzene	50.0	40	80.9	1.16	31	74 - 130
o-Xylene	50.0	45	90.3	0.133	21	78.8 - 122
p- & m- Xylenes	100	92	92.3	0.680	22.5	82.5 - 123
p-Isopropyltoluene	50.0	41	82.2	2.50	25.2	64.9 - 132
sec-Butylbenzene	50.0	41	82.5	1.75	25.2	25.4 - 151
Styrene	50.0	45	90.6	1.38	20	74.1 - 134
tert-Butylbenzene	50.0	42	84.8	0.828	24.8	79.5 - 171
Tetrachloroethylene	50.0	43	86.9	2.01	22.7	72.5 - 130
Toluene	50.0	44	88.0	0.476	21.5	77.8 - 121
trans-1,2-Dichloroethylene	50.0	48	96.5	1.86	20.1	83.8 - 140
trans-1,3-Dichloropropylene	50.0	46	92.6	1.57	22.5	74.9 - 136
Trichloroethylene	50.0	44	87.7	1.85	20.7	84.4 - 125
Trichlorofluoromethane	50.0	48	95.9	1.33	24.7	78.7 - 127
Vinyl Chloride	50.0	36	71.1 *	8.13	24.9	72.1 - 116
Vinyl acetate	50.0	45	89.9	11.3	30	70 - 130

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188570M.D Vial: 19
Acq On : 29 Apr 2013 8:20 pm Operator: SS
Sample : BD31338-MS1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.62	70	122383	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	692607	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	302189	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.30	65	203098	57.07	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 114.14%				
47) Toluene-d8(SURR)	7.14	98	716963	48.28	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 96.56%				
64) p-Bromofluorobenzene(SURR)	9.89	174	306269	50.14	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 100.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	269194	26.25	ppb		100
3) Chloromethane	1.73	50	175073	25.79	ppb		99
4) Vinyl Chloride	1.83	62	186969	32.79	ppb		99
5) Bromomethane	2.13	94	146382	37.20	ppb		98
6) Chloroethane	2.23	64	120971	40.79	ppb		99
7) Trichlorofluoromethane	2.47	101	545341	48.59	ppb		100
8) Ethyl Ether	2.74	59	120004	45.53	ppb		95
9) Freon-113	2.95	101	304508	49.29	ppb		99
10) 1,1-Dichloroethylene	2.95	61	381879	47.81	ppb		99
11) Acrolein	2.86	56	10687	49.74	ppb	#	80
12) Iodomethane	3.09	142	194950	46.00	ppb		100
13) Methyl Acetate	3.31	43	77451	55.77	ppb	#	98
14) tert-Butyl Alcohol (TBA)	3.51	59	270864	961.63	ppb		98
15) trans-1,2-Dichloroethylene	3.64	61	305879	47.34	ppb		98
16) Carbon Disulfide	3.15	76	1083807	87.40	ppb		100
17) Methylene Chloride	3.39	49	230225	40.35	ppb		96
18) Acrylonitrile	3.62	53	26897	42.98	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	454393	47.45	ppb		99
20) Acetone	3.01	43	45595	33.32	ppb		100
21) 1,1-Dichloroethane	4.03	63	376604	47.00	ppb		100
22) Vinyl Acetate	4.07	43	194146	40.12	ppb		100
23) cis-1,2-Dichloroethylene	4.56	96	299513	48.89	ppb	#	66
24) 2-Butanone	4.57	72	12404	46.29	ppb		99
25) 2,2-Dichloropropane	4.56	77	491439	51.69	ppb		100
26) Bromochloromethane	4.77	49	166894	52.21	ppb		96
27) Chloroform	4.84	83	586130	52.23	ppb		99
28) Tetrahydrofuran	4.83	71	10627	42.09	ppb	#	62
29) 1,1-Dichloropropylene	5.17	75	414522	47.07	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188570M.D Vial: 19
Acq On : 29 Apr 2013 8:20 pm Operator: SS
Sample : BD31338-MS1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.01	97	627596	53.63	ppb		100
31) Cyclohexane	5.07	56	305359	26.04	ppb	#	41
33) Carbon Tetrachloride	5.17	117	516863	51.17	ppb	#	92
34) 1,2-Dichloroethane	5.37	62	393934	52.90	ppb		100
35) Benzene	5.36	78	865765	46.39	ppb		99
37) Trichloroethylene	5.96	95	332674	44.65	ppb		99
38) Methyl Cyclohexane	6.15	83	393544	37.05	ppb	#	100
39) Dibromomethane	6.29	93	153768	55.99	ppb		99
40) Methyl Methacrylate	6.28	69	99557	40.88	ppb		99
41) Bromodichloromethane	6.43	83	431418	47.70	ppb		100
42) 1,2-Dichloropropane	6.18	63	199305	42.22	ppb		96
45) cis-1,3-Dichloropropene	6.88	75	408435	45.24	ppb	#	89
46) 2-Hexanone	7.87	43	100633	28.16	ppb		100
48) Toluene	7.21	91	1096176	44.23	ppb		100
49) trans-1,3-Dichloropropene	7.42	75	372080	45.58	ppb		100
50) 1,1,2-Trichloroethane	7.61	83	141896	42.18	ppb		97
51) 1,3-Dichloropropane	7.78	76	313609	42.58	ppb	#	100
52) Tetrachloroethylene	7.77	166	371669	44.31	ppb		100
53) 4-Methyl-2-Pentanone	7.02	43	142098	28.68	ppb	#	97
54) Dibromochloromethane	8.02	129	298097	47.96	ppb		100
55) 1,2-Dibromoethane	8.14	107	215079	45.29	ppb		99
56) Chlorobenzene	8.66	112	773205	45.28	ppb		98
57) Ethyl Benzene	8.77	91	1427734	46.03	ppb		100
58) p- & m-Xylenes	8.90	91	2196506	92.94	ppb		99
59) o-Xylene	9.32	91	1096843	45.20	ppb		100
60) Styrene	9.34	104	820194	45.92	ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	313290	47.32	ppb		98
63) Bromoform	9.54	173	162192	43.59	ppb	#	100
65) p-Ethyltoulene	10.30	105	1370484	41.24	ppb		98
66) p-Diethylbenzene	11.59	119	583245	33.35	ppb		86
67) 1,1,2,2-Tetrachloroethane	10.05	83	190755	38.47	ppb		100
68) 1,2,3-Trichloropropane	10.10	110	73740	39.73	ppb		97
69) Isopropylbenzene	9.72	105	1476459	41.58	ppb	#	91
70) 1,2-Dibromo-3-Chloropropan	12.51	75	46373	44.88	ppb		92
71) Bromobenzene	10.06	77	504950	39.39	ppb		97
72) trans-1,4-Dichloro-2-buten	10.10	75	240610m	39.01	ppb		
73) n-Propylbenzene	10.18	91	1642095	40.91	ppb		100
74) 2-Chlorotoluene	10.28	91	1112840	41.16	ppb		100
75) 4-Chlorotoluene	10.39	91	1119756	41.93	ppb		100
76) tert-Butylbenzene	10.74	119	1327920	42.07	ppb	#	99
77) 1,3,5-trimethylbenzene	10.38	105	1176444	41.64	ppb		100

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188570M.D
Acq On : 29 Apr 2013 8:20 pm
Sample : BD31338-MS1
Misc : QBV1042913A 938-15 MS1
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113

Vial: 19
Operator: SS
Inst : VOA No.1
Multiplr: 1.00

Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

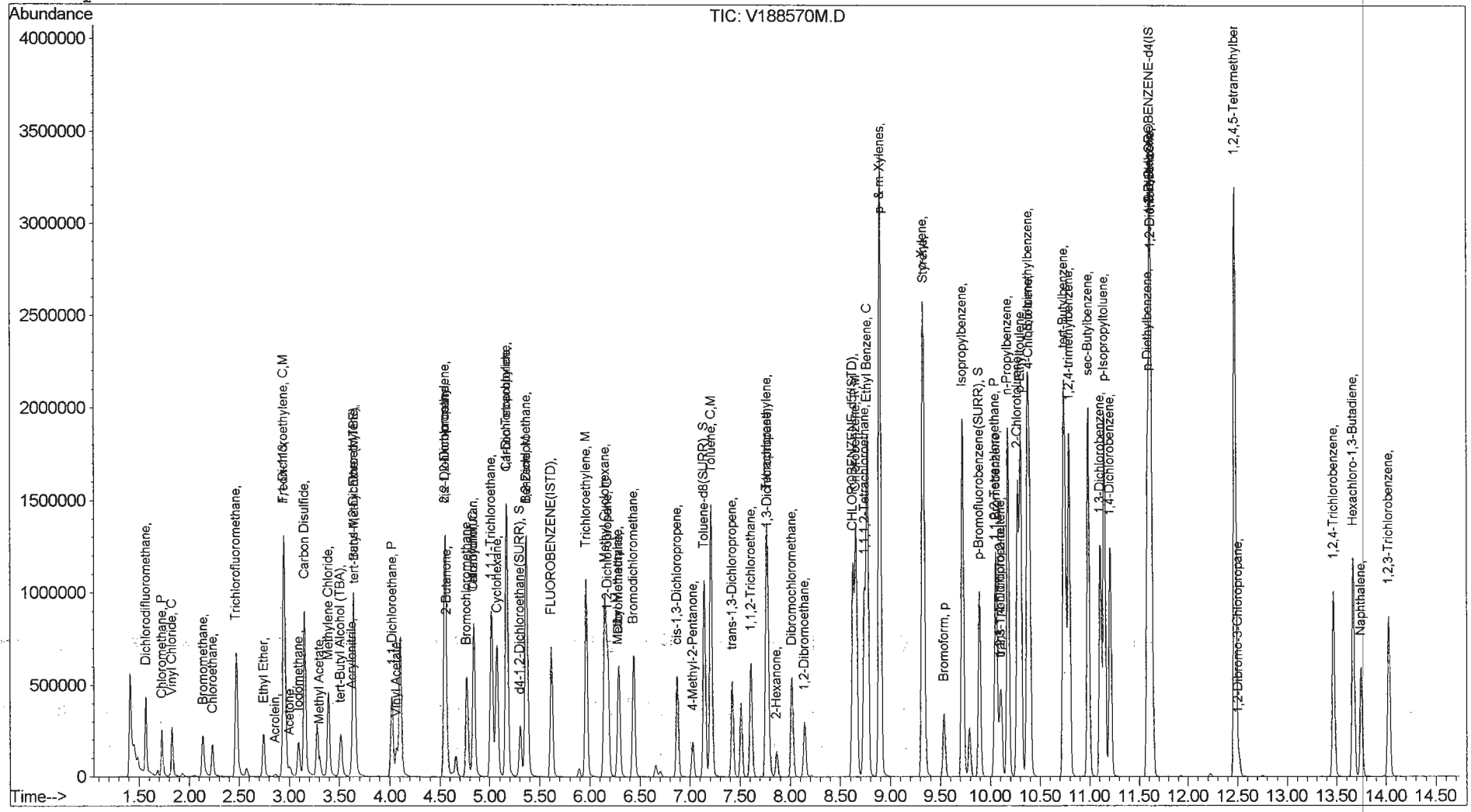
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78) 1,2,4-trimethylbenzene	10.79	105	1152746	40.41	ppb		100
79) sec-Butylbenzene	10.99	105	1555003	41.98	ppb		100
80) 1,3-Dichlorobenzene	11.11	146	576258	40.63	ppb	#	99
81) 1,4-Dichlorobenzene	11.21	146	554162	39.55	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	497987	40.25	ppb	#	85
83) p-Isopropyltoluene	11.15	119	1307951	42.12	ppb	#	100
84) n-Butylbenzene	11.61	91	1360356	38.93	ppb		99
85) 1,2,4,5-Tetramethylbenzene	12.48	119	1987046	75.56	ppb		100
86) 1,2,4-Trichlorobenzene	13.47	180	359882	39.79	ppb		98
87) Naphthalene	13.75	128	526518	37.08	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	261181	42.62	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.03	182	299932	40.23	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : K:\HPCHEM\1\DATA\V1042913\V188570M.D Vial: 19
Acq On : 29 Apr 2013 8:20 pm Operator: SS
Sample : BD31338-MS1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MS1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188571D.D Vial: 20
Acq On : 29 Apr 2013 8:59 pm Operator: SS
Sample : BD31338-MSD1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MSD1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.61	70	127422	50.00	ppb		0.00
36) CHLOROBENZENE-d5(ISTD)	8.63	117	744846	50.00	ppb		0.00
62) 1,2-DICHLOROBENZENE-d4(IST	11.61	152	320405	50.00	ppb		0.00
System Monitoring Compounds							
32) d4-1,2-Dichloroethane(SURR	5.31	65	213195	57.53	ppb		0.00
Spiked Amount 50.000	Range 64 - 122		Recovery = 115.06%				
47) Toluene-d8(SURR)	7.15	98	765340	47.93	ppb		0.00
Spiked Amount 50.000	Range 83 - 114		Recovery = 95.86%				
64) p-Bromofluorobenzene(SURR)	9.90	174	329402	50.86	ppb		0.00
Spiked Amount 50.000	Range 71 - 126		Recovery = 101.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	287329	26.91	ppb		98
3) Chloromethane	1.73	50	194171	27.47	ppb		100
4) Vinyl Chloride	1.83	62	211194	35.57	ppb		99
5) Bromomethane	2.14	94	162271	39.60	ppb		98
6) Chloroethane	2.23	64	132291	42.84	ppb		99
7) Trichlorofluoromethane	2.47	101	560362	47.95	ppb		100
8) Ethyl Ether	2.74	59	137615	50.14	ppb		97
9) Freon-113	2.95	101	316520	49.20	ppb		98
10) 1,1-Dichloroethylene	2.95	61	389908	46.89	ppb		99
11) Acrolein	2.86	56	12545	56.08	ppb		87
12) Iodomethane	3.09	142	232163	52.61	ppb		100
13) Methyl Acetate	3.30	43	84029	58.12	ppb	#	98
14) tert-Butyl Alcohol (TBA)	3.52	59	311458	1062.02	ppb		97
15) trans-1,2-Dichloroethylene	3.64	61	324442	48.23	ppb		98
16) Carbon Disulfide	3.15	76	1154179	89.39	ppb		100
17) Methylene Chloride	3.39	49	254591	42.85	ppb		98
18) Acrylonitrile	3.62	53	30850	47.34	ppb	#	61
19) tert-Butyl Methyl Ether (M	3.65	73	524420	52.59	ppb		99
20) Acetone	3.00	43	60037	42.14	ppb		99
21) 1,1-Dichloroethane	4.02	63	435007	52.15	ppb		100
22) Vinyl Acetate	4.07	43	226430	44.94	ppb		100
23) cis-1,2-Dichloroethylene	4.55	96	320374	50.23	ppb	#	100
24) 2-Butanone	4.57	72	14444	51.77	ppb		92
25) 2,2-Dichloropropane	4.55	77	513146	51.84	ppb		100
26) Bromochloromethane	4.77	49	182446	54.82	ppb		95
27) Chloroform	4.84	83	632901	54.17	ppb		99
28) Tetrahydrofuran	4.83	71	13848	52.67	ppb		97
29) 1,1-Dichloropropylene	5.17	75	442564	48.27	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188571D.D Vial: 20
Acq On : 29 Apr 2013 8:59 pm Operator: SS
Sample : BD31338-MSD1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MSD1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) 1,1,1-Trichloroethane	5.02	97	660191	54.19	ppb		100
31) Cyclohexane	5.07	56	323088	26.46	ppb	#	46
33) Carbon Tetrachloride	5.17	117	543317	51.66	ppb		98
34) 1,2-Dichloroethane	5.38	62	429774	55.43	ppb		100
35) Benzene	5.36	78	932303	47.98	ppb	#	93
37) Trichloroethylene	5.96	95	351175	43.83	ppb		99
38) Methyl Cyclohexane	6.15	83	406251	35.57	ppb	#	100
39) Dibromomethane	6.29	93	166234	56.28	ppb		98
40) Methyl Methacrylate	6.28	69	115877	44.24	ppb		100
41) Bromodichloromethane	6.44	83	468084	48.13	ppb	#	97
42) 1,2-Dichloropropane	6.18	63	215002	42.35	ppb		95
43) 1,4-Dioxane	6.31	88	562	12.98	ppb	#	74
45) cis-1,3-Dichloropropene	6.87	75	438158	45.13	ppb		99
46) 2-Hexanone	7.86	43	114267	29.74	ppb		100
48) Toluene	7.21	91	1173243	44.02	ppb		99
49) trans-1,3-Dichloropropene	7.42	75	406479	46.30	ppb		100
50) 1,1,2-Trichloroethane	7.61	83	154486	42.70	ppb		98
51) 1,3-Dichloropropane	7.79	76	342497	43.24	ppb	#	86
52) Tetrachloroethylene	7.76	166	391696	43.43	ppb	#	76
53) 4-Methyl-2-Pentanone	7.03	43	158868	29.82	ppb	#	97
54) Dibromochloromethane	8.02	129	331740	49.63	ppb		100
55) 1,2-Dibromoethane	8.15	107	230894	45.21	ppb		99
56) Chlorobenzene	8.66	112	830525	45.23	ppb		99
57) Ethyl Benzene	8.77	91	1518024	45.51	ppb		100
58) p- & m-Xylenes	8.89	91	2346254	92.31	ppb		100
59) o-Xylene	9.32	91	1178174	45.14	ppb		100
60) Styrene	9.34	104	870000	45.29	ppb		100
61) 1,1,1,2-Tetrachloroethane	8.74	131	331446	46.55	ppb		98
63) Bromoform	9.54	173	178881	45.34	ppb	#	100
65) p-Ethyltoulene	10.30	105	1439457	40.85	ppb		98
66) p-Diethylbenzene	11.59	119	616700	33.26	ppb		88
67) 1,1,2,2-Tetrachloroethane	10.05	83	211813	40.29	ppb	#	69
68) 1,2,3-Trichloropropane	10.10	110	85440	43.41	ppb		94
69) Isopropylbenzene	9.73	105	1566176	41.60	ppb	#	91
70) 1,2-Dibromo-3-Chloropropan	12.51	75	52579	47.99	ppb		93
71) Bromobenzene	10.06	77	554163	40.77	ppb		97
72) trans-1,4-Dichloro-2-buten	10.10	75	264681m	40.48	ppb		
73) n-Propylbenzene	10.18	91	1721154	40.44	ppb		100
74) 2-Chlorotoluene	10.27	91	1158980	40.43	ppb		100
75) 4-Chlorotoluene	10.39	91	1176112	41.54	ppb		99
76) tert-Butylbenzene	10.74	119	1419955	42.42	ppb	#	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : K:\HPCHEM\1\DATA\V1042913\V188571D.D Vial: 20
Acq On : 29 Apr 2013 8:59 pm Operator: SS
Sample : BD31338-MSD1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MSD1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RE

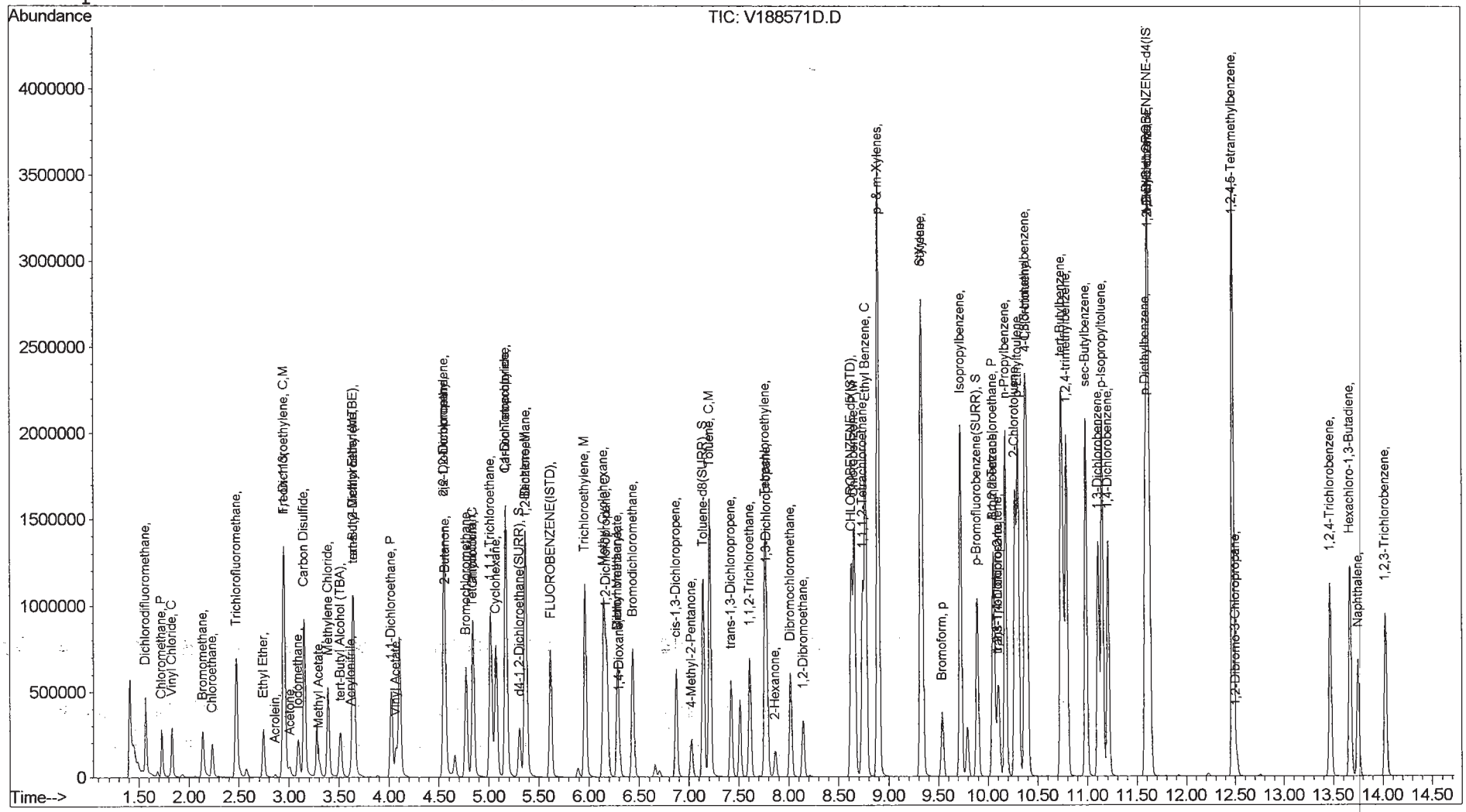
Quant Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration
DataAcq Meth : V1C0001A

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77) 1,3,5-trimethylbenzene	10.37	105	1243066	41.50	ppb		99
78) 1,2,4-trimethylbenzene	10.79	105	1206379	39.89	ppb		100
79) sec-Butylbenzene	10.99	105	1620099	41.25	ppb		100
80) 1,3-Dichlorobenzene	11.11	146	625194	41.57	ppb	#	100
81) 1,4-Dichlorobenzene	11.21	146	593810	39.97	ppb	#	99
82) 1,2-Dichlorobenzene	11.63	146	534659	40.76	ppb	#	85
83) p-Isopropyltoluene	11.15	119	1352735	41.08	ppb	#	100
84) n-Butylbenzene	11.62	91	1415448	38.21	ppb	#	86
85) 1,2,4,5-Tetramethylbenzene	12.48	119	2145174	76.94	ppb		100
86) 1,2,4-Trichlorobenzene	13.47	180	394022	41.09	ppb		96
87) Naphthalene	13.75	128	604156	40.13	ppb	#	100
88) Hexachloro-1,3-Butadiene	13.67	225	281417	43.31	ppb	#	100
89) 1,2,3-Trichlorobenzene	14.03	182	326944	41.36	ppb	#	96

(#) = qualifier out of range (m) = manual integration

Data File : K:\HPCHEM\1\DATA\V1042913\V188571D.D Vial: 20
Acq On : 29 Apr 2013 8:59 pm Operator: SS
Sample : BD31338-MSD1 Inst : VOA No.1
Misc : QBV1042913A 938-15 MSD1 Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Apr 30 15:20 19113 Quant Results File: V1C00360.RES

Method : C:\HPCHEM\1\METHODS\V1C00360.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Thu Apr 18 14:47:54 2013
Response via : Initial Calibration



FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sequence: Instrument:

Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
LCS	BD31300-BS1	V188534L.D	04/26/13 21:33
LCS Dup	BD31300-BSD1	V188535U.D	04/26/13 22:12
Blank	BD31300-BLK1	V188536B.D	04/26/13 22:50
MW-1A	13D0938-01	V188537W.D	04/26/13 23:29
MW-1D	13D0938-04	V188540W.D	04/27/13 01:25
MW-2A	13D0938-05	V188541W.D	04/27/13 02:04
MW-2B	13D0938-06	V188542W.D	04/27/13 02:43
MW-2C	13D0938-07	V188543W.D	04/27/13 03:23
MW-3A	13D0938-08	V188544W.D	04/27/13 04:02
MW-3B	13D0938-09	V188545W.D	04/27/13 04:41
MW-3C	13D0938-10	V188546W.D	04/27/13 05:20
MW-4A	13D0938-11	V188547W.D	04/27/13 05:59
MW-4B	13D0938-12	V188548W.D	04/27/13 06:39
MW-4C	13D0938-13	V188549W.D	04/27/13 07:18
MW-5A	13D0938-14	V188550W.D	04/27/13 07:57
MW-1B	BD31300-MS1	V188551M.D	04/27/13 08:36
LCS	BD31338-BS1	V188555L.D	04/29/13 10:42
Blank	BD31338-BLK1	V188557B.D	04/29/13 12:00
MW-5D	13D0938-15	V188558W.D	04/29/13 12:38
MW-6A	13D0938-16	V188559W.D	04/29/13 13:17
MW-6D	13D0938-17	V188560W.D	04/29/13 13:56
MW-7A	13D0938-18	V188561W.D	04/29/13 14:34
MW-7D	13D0938-19	V188562W.D	04/29/13 15:13
FB-Field Blank	13D0938-20	V188563W.D	04/29/13 15:51
Trip Blanks	13D0938-21	V188564W.D	04/29/13 16:29
Field Duplicate	13D0938-22	V188565W.D	04/29/13 17:08
MW-1B	13D0938-02	V188567W.D	04/29/13 18:25
MW-1C	13D0938-03	V188568W.D	04/29/13 19:03
MW-5D	BD31338-MS1	V188570M.D	04/29/13 20:20
MW-5D	BD31338-MSD1	V188571D.D	04/29/13 20:59

HOLDING TIME SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-1A	04/23/13 17:30	04/25/13 15:35	04/26/13 14:25	2.87	14.00	04/26/13 23:29	0.38	14.00	
MW-1B	04/23/13 17:10	04/25/13 15:35	04/29/13 11:17	5.75	14.00	04/29/13 18:25	0.30	14.00	
MW-1C	04/23/13 16:45	04/25/13 15:35	04/29/13 11:17	5.77	14.00	04/29/13 19:03	0.32	14.00	
MW-1D	04/23/13 16:10	04/25/13 15:35	04/26/13 14:25	2.93	14.00	04/27/13 01:25	0.46	14.00	
MW-2A	04/23/13 18:50	04/25/13 15:35	04/26/13 14:25	2.82	14.00	04/27/13 02:04	0.49	14.00	
MW-2B	04/23/13 18:23	04/25/13 15:35	04/26/13 14:25	2.83	14.00	04/27/13 02:43	0.51	14.00	
MW-2C	04/23/13 18:45	04/25/13 15:35	04/26/13 14:25	2.82	14.00	04/27/13 03:23	0.54	14.00	
MW-3A	04/23/13 16:00	04/25/13 15:35	04/26/13 14:25	2.93	14.00	04/27/13 04:02	0.57	14.00	
MW-3B	04/23/13 15:50	04/25/13 15:35	04/26/13 14:25	2.94	14.00	04/27/13 04:41	0.59	14.00	
MW-3C	04/23/13 15:10	04/25/13 15:35	04/26/13 14:25	2.97	14.00	04/27/13 05:20	0.62	14.00	
MW-4A	04/23/13 20:00	04/25/13 15:35	04/26/13 14:25	2.77	14.00	04/27/13 05:59	0.65	14.00	
MW-4B	04/23/13 19:45	04/25/13 15:35	04/26/13 14:25	2.78	14.00	04/27/13 06:39	0.68	14.00	
MW-4C	04/23/13 19:35	04/25/13 15:35	04/26/13 14:25	2.78	14.00	04/27/13 07:18	0.70	14.00	
MW-5A	04/23/13 09:15	04/25/13 15:35	04/26/13 14:25	3.22	14.00	04/27/13 07:57	0.73	14.00	
MW-5D	04/23/13 10:15	04/25/13 15:35	04/29/13 10:36	6.01	14.00	04/29/13 12:38	0.08	14.00	
MW-6A	04/23/13 11:15	04/25/13 15:35	04/29/13 10:36	5.97	14.00	04/29/13 13:17	0.11	14.00	
MW-6D	04/23/13 11:20	04/25/13 15:35	04/29/13 10:36	5.97	14.00	04/29/13 13:56	0.14	14.00	
MW-7A	04/23/13 12:20	04/25/13 15:35	04/29/13 10:36	5.93	14.00	04/29/13 14:34	0.17	14.00	
MW-7D	04/23/13 12:15	04/25/13 15:35	04/29/13 10:36	5.93	14.00	04/29/13 15:13	0.19	14.00	
FB-Field Blank	04/23/13 09:00	04/25/13 15:35	04/29/13 10:36	6.07	14.00	04/29/13 15:51	0.22	14.00	
Trip Blanks	04/23/13 15:00	04/25/13 15:35	04/29/13 10:36	5.82	14.00	04/29/13 16:29	0.25	14.00	
Field Duplicate	04/23/13 15:00	04/25/13 15:35	04/29/13 10:36	5.82	14.00	04/29/13 17:08	0.27	14.00	

PREPARATION BENCH SHEET

BD31338

York Analytical Laboratories, Inc.

Printed: 4/30/2013 3:16:05PM

Matrix: Water **Prepared by: EPA 5030B** **Surrogate used: Y10A009**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	pH Data			Decanted Y/N	Sample Comments
										Initial	Acid	Basic		
13D0924-01	Volatile Organics, CP-51 (fc	04/29/2013 10:1	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-01RE1	Volatile Organics, 8260 List	04/29/2013 11:1	KH	5	5				1		<2			From BD31300 by EKM
13D0938-02	Volatile Organics, 8260 List	04/29/2013 11:1	KH	5	5				1		<2			From BD31300 by EKM
13D0938-03	Volatile Organics, 8260 List	04/29/2013 11:1	KH	5	5				1		<2			From BD31300 by EKM
13D0938-15	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-15	Volatile Organics, CP-51 (fc	04/29/2013 08:3	EKM	5	5				1					Added for BatchQC in: E
13D0938-16	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-17	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-18	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-19	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-20	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-21	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
13D0938-22	Volatile Organics, 8260 List	04/29/2013 10:3	EKM	5	5				1		<2			From BD31322 by EKM
BD31338-BLK1	QC	04/29/2013 08:3	EKM	5	5				1					
BD31338-BS1	QC	04/29/2013 08:3	EKM	5	5	Y10A022		5	1					
BD31338-BS2	QC	04/29/2013 08:3	EKM	5	5	Y10A022		5	1					
BD31338-MS1	QC	04/29/2013 08:3	EKM	5	5	Y10A022	13D0938-15	5	1		<2			
BD31338-MSD1	QC	04/29/2013 08:3	EKM	5	5	Y10A022	13D0938-15	5	1		<2			

Batch Comments:

PREPARATION BENCH SHEET

BD31300

York Analytical Laboratories, Inc.

Printed: 4/29/2013 4:04:27PM

Matrix: Water **Prepared by: EPA 5030B** **Surrogate used: Y10A009**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	pH Data Initial	pH Data Acid	pH Data Basic	Decanted Y/N	Sample Comments
13D0938-01	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-02	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-03	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-04	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-05	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-06	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-07	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-08	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-09	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-10	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-11	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-12	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-13	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		<2			
13D0938-14	Volatile Organics, 8260 List	04/26/2013 14:2	BK	5	5				1		5			
BD31300-BLK1	QC	04/26/2013 14:5	BK	5	5				1					
BD31300-BS1	QC	04/26/2013 14:5	BK	5	5	Y10A022		5	1					
BD31300-BSD1	QC	04/26/2013 14:5	BK	5	5	Y10A022		5	1					
BD31300-MS1	QC	04/26/2013 14:5	BK	5	5	Y10A022	13D0938-02	5	1		<2			

Batch Comments:

Injection Log

Directory: r:\msvoa1~1\dailydat\v1042613

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v188514c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042613A	26 Apr 13 08:43
2	2	v188515l.d	1.	BD31271-BS1	QBV1042613A	26 Apr 13 09:25
3	3	v188516u.d	1.	BD31271-BSD1	QBV1042613A	26 Apr 13 10:04
4	4	v188517b.d	1.	BD31271-BLK1	QBV1042613A	26 Apr 13 10:43
5	5	v188518s.d	1.	13D0887-01	QBV1042613A 8260(TCL)LOWLIST 2.27g	26 Apr 13 11:22
6	6	v188519s.d	1.	13D0887-02	QBV1042613A 8260(TCL)LOWLIST 3.37g	26 Apr 13 12:01
7	7	v188520s.d	1.	13D0880-24	QBV1042613A TCL 2.50g	26 Apr 13 12:39
8	8	v188521s.d	1.	13D0892-01	QBV1042613A RCP LIST 5.62g	26 Apr 13 13:17
9	9	v188522s.d	1.	13D0880-07	QBV1042613A TCL RE 4.11g	26 Apr 13 13:55
10	10	v188523s.d	100.	13D0875-02	QBV1042613A CP51 QA RE 100UL/5ML 5.00g	26 Apr 13 14:33
11	11	v188524s.d	1.	13D0915-07	QBV1042613A 8260(TCL)LOWLIST 4.97g	26 Apr 13 15:12
12	12	v188525s.d	1.	13D0915-08	QBV1042613A 8260(TCL)LOWLIST 4.60g	26 Apr 13 15:50
13	13	v188526s.d	1.	13D0915-09	QBV1042613A 8260(TCL)LOWLIST 4.71g	26 Apr 13 16:28
14	14	v188527s.d	1.	13D0915-10	QBV1042613A 8260(TCL)LOWLIST 5.04g	26 Apr 13 17:06
15	15	v188528s.d	1.	13D0915-11	QBV1042613A 8260(TCL)LOWLIST 5.67g	26 Apr 13 17:44
16	16	v188529s.d	1.	13D0915-12	QBV1042613A 8260(TCL)LOWLIST 4.90g	26 Apr 13 18:22
17	17	v188530m.d	1.	BD31271-MS1	QBV1042613A 915-07 MS1 2.50g	26 Apr 13 19:00
18	18	v188531b.d	1.	MBLK	QBV1042613B	26 Apr 13 19:38
19	19	v188532c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042613B	26 Apr 13 20:17
20	20	v188533c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042613B	26 Apr 13 20:55
21	21	v188534l.d	1.	BD31300-BS1	QBV1042613B	26 Apr 13 21:33
22	22	v188535u.d	1.	BD31300-BSD1	QBV1042613B	26 Apr 13 22:12
23	23	v188536b.d	1.	BD31300-BLK1	QBV1042613B	26 Apr 13 22:50
24	24	v188537w.d	1.	13D0938-01	QBV1042613B 8260 ASPB	26 Apr 13 23:29
25	25	v188538w.d	1.	13D0938-02	QBV1042613B 8260 ASPB	27 Apr 13 00:07
26	26	v188539w.d	1.	13D0938-03	QBV1042613B 8260 ASPB	27 Apr 13 00:46
27	27	v188540w.d	1.	13D0938-04	QBV1042613B 8260 ASPB	27 Apr 13 01:25
28	28	v188541w.d	1.	13D0938-05	QBV1042613B 8260 ASPB	27 Apr 13 02:04
29	29	v188542w.d	1.	13D0938-06	QBV1042613B 8260 ASPB	27 Apr 13 02:43
30	30	v188543w.d	1.	13D0938-07	QBV1042613B 8260 ASPB	27 Apr 13 03:23
31	31	v188544w.d	1.	13D0938-08	QBV1042613B 8260 ASPB	27 Apr 13 04:02
32	32	v188545w.d	1.	13D0938-09	QBV1042613B 8260 ASPB	27 Apr 13 04:41
33	33	v188546w.d	1.	13D0938-10	QBV1042613B 8260 ASPB	27 Apr 13 05:20
34	34	v188547w.d	1.	13D0938-11	QBV1042613B 8260 ASPB	27 Apr 13 05:59
35	35	v188548w.d	1.	13D0938-12	QBV1042613B 8260 ASPB	27 Apr 13 06:39
36	36	v188549w.d	1.	13D0938-13	QBV1042613B 8260 ASPB	27 Apr 13 07:18
37	37	v188550w.d	1.	13D0938-14	QBV1042613B 8260 ASPB	27 Apr 13 07:57
38	38	v188551m.d	1.	BD31300-MS1	QBV1042613B 938-02 MS1	27 Apr 13 08:36

Injection Log

Directory: k:\hpchem\1\data\v1042913

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v188552c.d	1.	100	QBV1042913A	29 Apr 13 08:36
2	2	v188553c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042913A	29 Apr 13 09:15
3	3	v188554c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042913A	29 Apr 13 10:03
4	4	v188555l.d	1.	BD31338-BS1	QBV1042913A	29 Apr 13 10:42
5	5	v188556u.d	1.	BD31338-BSD1	QBV1042913A	29 Apr 13 11:21
6	6	v188557b.d	1.	BD31338-BLK1	QBV1042913A	29 Apr 13 12:00
7	7	v188558w.d	1.	13D0938-15	QBV1042913A 8260 ASPB	29 Apr 13 12:38
8	8	v188559w.d	1.	13D0938-16	QBV1042913A 8260 ASPB	29 Apr 13 13:17
9	9	v188560w.d	1.	13D0938-17	QBV1042913A 8260 ASPB	29 Apr 13 13:56
10	10	v188561w.d	1.	13D0938-18	QBV1042913A 8260 ASPB	29 Apr 13 14:34
11	11	v188562w.d	1.	13D0938-19	QBV1042913A 8260 ASPB	29 Apr 13 15:13
12	12	v188563w.d	1.	13D0938-20	QBV1042913A 8260 ASPB	29 Apr 13 15:51
13	13	v188564w.d	1.	13D0938-21	QBV1042913A 8260 ASPB	29 Apr 13 16:29
14	14	v188565w.d	1.	13D0938-22	QBV1042913A 8260 ASPB	29 Apr 13 17:08
15	15	v188566w.d	20.	13D0938-01RE1	QBV1042913A 8260 ASPB RE 2.5ML/50ML	29 Apr 13 17:46
16	16	v188567w.d	1.	13D0938-02	QBV1042913A 8260 ASPB RE	29 Apr 13 18:25
17	17	v188568w.d	1.	13D0938-03	QBV1042913A 8260 ASPB RE	29 Apr 13 19:03
18	18	v188569w.d	1.	13D0924-01	QBV1042913A CP51	29 Apr 13 19:42
19	19	v188570m.d	1.	BD31338-MS1	QBV1042913A 938-15 MS1	29 Apr 13 20:20
20	20	v188571d.d	1.	BD31338-MSD1	QBV1042913A 938-15 MSD1	29 Apr 13 20:59
21	21	v188572b.d	1.	MBLK	QBV1042913B	29 Apr 13 21:37
22	22	v188573c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042913B	29 Apr 13 22:16
23	23	v188574c.d	1.	50 ppb VOA CAL CHECK STD	QBV1042913B	29 Apr 13 22:54
24	24	v188575l.d	1.	BD31363-BS1	QBV1042913B	29 Apr 13 23:32
25	25	v188576u.d	1.	BD31363-BSD1	QBV1042913B	30 Apr 13 00:11
26	26	v188577b.d	1.	BD31363-BLK1	QBV1042913B	30 Apr 13 00:49
27	27	v188578s.d	1.	13D0947-01	QBV1042913B CP51 100UL/5ML 5.00g	30 Apr 13 01:28
28	28	v188579s.d	1.	13D0947-02	QBV1042913B CP51 100UL/5ML 5.00g	30 Apr 13 02:06
29	29	v188580s.d	1.	13D0947-03	QBV1042913B CP51 20UL/5ML 5.00g	30 Apr 13 02:45
30	30	v188581s.d	1.	13D0943-01	QBV1042913B CP51 2.51g	30 Apr 13 03:23
31	31	v188582s.d	1.	13D0975-01	QBV1042913B CP51 2.50g	30 Apr 13 04:02
32	32	v188583s.d	1.	13D0975-02	QBV1042913B CP51 2.50g	30 Apr 13 04:40
33	33	v188584s.d	1.	13D0978-01	QBV1042913B CP51 2.50g	30 Apr 13 05:19
34	34	v188585s.d	1.	13D0915-01	QBV1042913B 8260(TCL)LOW RE 100UL/5ML 4	30 Apr 13 05:57
35	35	v188586s.d	1.	13D0915-05	QBV1042913B 8260(TCL)LOW RE 100UL/5ML 4	30 Apr 13 06:36
36	36	v188587m.d	1.	BD31363-MS1	QBV1042913B 975-01 MS1 2.50g	30 Apr 13 07:15

APPENDIX E

Premier Environmental Services

DATA USABILTY SUMMARY REPORT (DUSR)
OF THE
DELUXE CORPORATION SITE

VOLATILE ORGANIC ANALYSES
(EPA METHOD 8260B)
IN AQUEOUS SAMPLES

YORK ANALYTICAL LABORATORIES, INC.
STRATFORD, CT

REPORT NUMBER: 13D0938

July, 2013

Prepared for
Leggette, Brashears & Graham, Inc.
White Plains, New York

Prepared by
Premier Environmental Services
2815 Covered Bridge Road
Merrick, New York 11566
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NYS DEC Data Usability Summary Report

DATA VALIDATION FOR:	**Volatile Organic Analyses, (EPA Methods: 8260B)**
SITE:	**Deluxe Corporation Site**
CONTRACT LAB:	**York Analytical Laboratories, Inc. Stratford, CT**
PROJECT NO.:	**13D0938**
REVIEWER:	**Renee Cohen**
DATE REVIEW COMPLETED:	**July, 2013**
MATRIX:	**Aqueous**

The data validation was performed according to the guidelines in the USEPA National Functional Guidelines for Organic Data Review and the USEPA Region II SOP HW-6-CLP Organic Data Review Preliminary Review. In addition, method and QC criteria specified in the NYSDEC ASP documents were cited. All data are considered valid and acceptable except those analytes which have been deemed unusable "R" (unreliable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material), "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Table 1 of this report includes a cross reference between the field sample ID and laboratory sample ID used to perform data validation. Definitions of the data qualifiers that may be used in this report are located in Appendix A of this report. Qualified data result pages are located in Appendix B of this report. A copy of the Chain of Custody (COC) document is located in Appendix C of this report.

This sample set included twenty (20) aqueous field samples, one (1) Field Blank sample and one (1) Trip Blank sample. This data assessment is for the organic analyses listed on the COC document. The samples were collected April 23, 2013. The samples were received at York Analytical Laboratories located in Stratford, CT on April 25, 2013 to be analyzed for the parameters listed on the COC documents. This data report is the review of the Volatile Organic Compounds (VOCs).

ORGANIC DATA ASSESSMENT

1. OVERVIEW:

Samples associated with this data set were analyzed for Volatile Organic Analytes (VOA) as marked on the COC documentation that accompanied the sample set to the laboratory. All analyses were performed in accordance with USEPA Test Methods for the Evaluation of Solid Waste (SW846) as well as the NYSDC ASP methodologies. Data validation will utilize the validation guidelines in listed above, however, QA/QC requirements of the NYS DEC ASP will supersede CLP requirements in terms of calibration (where applicable) and holding time. York Analytical Laboratories generated a stand-alone report for each fraction in compliance with the NYS DEC ASP Category B deliverables. A summary of the applicable QC will be discussed at each section of the report.

Laboratory report 13D0938 consists of twenty (20) aqueous field samples, one (1) Field Blank sample and one (1) Trip Blank sample. The Chain of Custody document listed the field sample ID's that are summarized in Table 1 of this report. A copy of the COC document is located in Appendix C of this report.

2. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. The NYS DEC ASP criteria specifies holding times for solid and soil samples. These holding times are based on Validated Time of Sample Receipt (VTSR). The holding times cited in the NY ASP were reviewed. EPA SW846 methods cite holding times based on collection date. The technical holding time for properly preserved aqueous and non aqueous Volatile Organic samples is fourteen (14) days.

Proper preservation of a soil sample is refrigeration at 4 degrees C until analysis. The holding time criteria for volatile organic sample analysis is that properly preserved samples are to be analyzed within ten (10) days of VTSR. The holding time criteria for non-aqueous semivolatile organic samples is that the extraction is to be completed within ten (10) days of VTSR and that analysis of the extract is to be completed within forty (40) days.

The samples in laboratory report 13D0938 were collected April 23, 2013. The samples were received at the laboratory on April 25, 2013. All sample analyses and QC sample analyses associated with this data set were completed by April 29, 2013. All sample analyses associated with this data set were analyzed within the NYS DEC ASP holding time.

3. SURROGATES:

Samples to be analyzed for Volatile Organic Analytes (VOA) are fortified with three (3) method recommended surrogate compounds. These include 1,2-Dichloroethane-d4, Toluene d8 and 4-Bromofluorobenzene prior to analysis to evaluate the overall laboratory performance and the efficiency of the analytical technique.

The laboratory reported in-house limits in terms of percent recovery of each surrogate compound. The surrogate recoveries met QC criteria in all samples and QC samples associated with this data set.

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Site specific MS/MSD analysis on sample MW-5D was noted on the COC documents that accompanied the samples to the laboratory. The percent recovery of a number of target analytes was below in-house QC criteria in the MS and MSD sample. Sample data has not been qualified based on the results of the MS/MSD data alone.

The laboratory prepared and analyzed a one (1) Laboratory Control Sample and or Laboratory Control Sample Duplicate (LCS/LCSD) with each sample batch. Two (2) aqueous LCS/LCSD sample sets are reported with this data set. The laboratory fortified each with a full component spike solution. York Analytical Laboratories used a "CLP Like" QC summary form to report the data results. In-house QC limits were applied for each analyte.

The percent recovery (%) of each target analyte met QC criteria in each of the LCS sample batches with the exception of Dichlorodifluoromethane. The % recovery was slightly above QC criteria in each of the LCS/LCSD samples. Dichlorodifluoromethane was not detected in any of the associated samples, therefore no action was taken.

5. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Samples were only qualified with those QC samples associated with the particular blank.

A) Method Blank contamination

Volatile Organic Analyses – Two (2) method blank samples are associated with this data set. The method blank sample (4/26/13) was free from contamination of all target analytes. The method blank sample (4/29/13) was free from contamination of all target analytes with the exception of Methylene Chloride (4.3 J ug/l). Methylene Chloride when detected in the associated samples has been negated and qualified "U".

B) Field or Equipment Rinse Blank (ERB) contamination

The Field Blank sample (13D0938-20) was free from contamination of all target analytes with the exception of Methylene Chloride. Methylene Chloride was detected in the associated method blank sample, therefore Methylene Chloride has been negated and qualified "U" in this Field Blank sample analysis.

C) Trip Blank contamination

The Trip Blank sample (13D0938-21) was free from contamination of all target analytes with the exception of Methylene Chloride. Methylene Chloride was detected in the associated method blank sample, therefore Methylene Chloride has been negated and qualified "U" in this Trip Blank sample analysis.

Qualified data result pages are located in Appendix B of this report.

ORGANIC DATA ASSESSMENT

6. GC/MS CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance. Region USEPA and Region II criteria is the sample for all analytes in both GC/MS Volatile and GC/MS Semivolatile Organic analyses is the same, therefore, all text discussion is for VOA and SVOA samples analyses.

A) RESPONSE FACTOR

The response factor measures the instrument's response to specific chemical compounds. Region II data review requires that the response factor of all analytes be greater than or equal to 0.05 in both initial and continuing calibration analyses. A value less than 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Region II data validation criteria states that if the minimum RRF criteria are not met in an initial calibration the positive results are qualified "J". Non-detect results in the initial calibration with a RRF <0.05 are qualified "R", unusable. If RRF criteria is not met in the continuing calibration curve analysis, affected positive analytes will be qualified "J" estimated. Those analytes not detected are not qualified. The SW-846 Methods cite specific analytes known as System Performance Check Compounds (SPCC). Minimum response criteria are set for these analytes. If the minimum criteria are not met, analyses must stop and the source of problems must be found and corrected. Data associated with this set has been reviewed for the criteria in the cited in the EPA Method and the Region II criteria.

Volatile Organic Analyses – One (1) initial calibration curve analysis is associated with this data set. An aqueous initial calibration curve analysis was performed on Instrument V1 on April 17, 2013. The laboratory summarized the RRF data on the CLP Form 6A. The laboratory included all raw data and instrument summary forms in the data report for review. The average RRF of all target compounds met QC criteria in the initial calibration curve analysis.

Two (2) continuing calibration verification (CCV) standards are associated with the initial calibration curve analysis. CCV analysis was performed on April 26, 2013 and April 29, 2013. The RRF of all target analytes met QC criteria in each of the CCV standards associated with this data set.

6. GC/MS CALIBRATION (cont'd):

B) PERCENT RELATIVE STANDARD DEVIATION (RSD) AND PERCENT DIFFERENCE (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the compounds in the continuing calibration standard to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Region II data validation criteria states that the percent RSD of the initial calibration curve must be less than or equal to 20% for all compounds with the exception of the continuing calibration check compounds (CCC's) where the %RSD must be less than 30%. The %D must be <20% in the continuing calibration standard. This criteria has been applied to all target analytes. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects may be flagged "UJ", based on professional judgment. If %RSD and %D grossly exceed QC criteria (>90%), non-detects data may be qualified "R", unusable. Data associated with this set has been reviewed for the criteria in the cited in the USEPA Data Validation Guidelines and the USEPA Region II criteria.

Volatile Organic Analyses – One (1) initial calibration curve analysis is associated with the samples reported in this data set. The laboratory performed an aqueous initial calibration analysis on April 17, 2013. Inst. V1). The %RSD of all target compounds with the exception of Acetone (21.47%) and Bromomethane (25.66%) met QC criteria in this initial calibration curve.

Two (2) continuing calibration verification (CCV) standards are associated with these initial calibration curve analyses. The %Difference criteria were met in each of the CCV standards with the exception of that summarized below:

Date/File ID	Analyte	%Difference
4/26/2013 V188533C.D	trans 1,2-Dichloroethene	23.0
	methyl tert butyl ether (MTBE)	30.8
	1,1-Dichloroethane	27.0
	cis 1,2-Dichloroethene	21.4
	2-Butanone	25.7
	Bromochloromethane	21.6
	Dibromomethane	20.7
4/29/2013 V188554C.D	Chloromethane	33.5
	Methylene Chloride	20.5
	1,1,2-Trichloroethane	20.2
	1,1,2,2-Trichloroethane	25.2
	1,2,3-Trichloropropane	20.2
	1,2-Dibromo-3-chloropropane	21.6
	Bromobenzene	23.2
	4-Chlorotoluene	20.5

These target analytes have been qualified "UJ/J" estimated in each of the associated samples.

Qualified data result pages are located in Appendix B of this report.

ORGANIC DATA ASSESSMENT

7. GC/MS MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is Bromofluorobenzene (BFB). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R". The tuning compound for semivolatile organic analyses is decafluorotriphenylphosphine (DFTPP). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R".

Volatile Organic Analyses - The tune criteria listed in the data report met or exceeded that required by the method. All tuning criteria associated with these sample analyses were met.

8. GC/MS INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every run. The method recommends that the internal standard area count must not vary by more than a factor of 2 (-50%to +100%) from the associated continuing calibration standard. The method recommends that the retention time of the internal standard must not vary more than ±30 seconds from the associated continuing calibration standard. The EPA CLP validation guidelines state that if the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified estimated, "J", and all non-detects below 50% are qualified "UJ", non-detects above 100% should not be qualified or "R" if there is a severe loss of sensitivity. The internal standard area count evaluation criteria are applied to all field and QC samples.

Volatile Organic Analyses - All samples were spiked with the internal standards Chlorobenzene-d5, Fluorobenzene and 1,2-Dichlorobenzene-d4 prior to analysis. The area counts and retention time of each internal standard met QC criteria in each of the field samples and QC samples associated with this data set.

9. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary ion intensities with 20% of that in the standard compound.

Volatile Organic Analyses - Laboratory Report 13D0938 included the analysis of twenty (20)aqueous samples, one (1) Field Blank sample and one (1) Trip Blank sample. The samples were analyzed in accordance with EPA Method 8260B. The EPA Method 8260B list of compounds was reported. Sample results between the laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ) are reported "J" qualified by the laboratory.

York Analytical Laboratories reported one (1) result page for each sample. The result page summarizes the final target analyte result and dilution utilized to report the result. Each of the samples was analyzed and reported without dilution and reported to the base reporting limit with the exception of the following;

9. COMPOUND IDENTIFICATION (cont'd):

Sample MW-1A was initially analyzed without dilution. The concentration of Trichloroethene and Tetrachloroethene exceeded the calibration range of the GCMS and were reanalyzed using a 1:20 dilution to report the concentration of Trichloroethene (300 D ug/L) and Tetrachloroethene (740 D ug/l) within the calibration range of the GCMS. The laboratory provided the raw data (quant report, chromatogram and spectra) associated with each of these sample analyses.

10. FIELD DUPLICATE ANALYSES:

Field duplicate samples are collected and analyzed as an indication of overall precision. Field duplicate results are expected to have more variability than laboratory duplicate samples. Soil sample results are expected to have more variation due to the non-homogeneity of soil samples.

Sample MW-5D was collected in duplicate and reported in this data set. Below is a summary of the detected target analytes reported.

Sample ID: MW-5D (13D0938-15)/Field Duplicate (13D0938-22)

	Result (ug/l)	Result (ug/l)	RPD (%)
Bromomethane	4.9 J	ND	NC
Methylene Chloride	5.2 JB	5.2 JB	0

ND denotes Not Detected
NC denotes Not Calculated

A review of the field duplicate sample results indicates acceptable precision among the detected target analytes.

11. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

Analytical/method QC criteria was met for these analyses except where explained in the laboratory case narrative and detailed in this validation report. The data reported by the laboratory agrees with the raw data provided in the final report with the exception of that detailed in the above report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package. All QC anomalies associated with this data set have been explained in the above sections of this DUSR report.

All sample results are reported to the LOQ. A laboratory result between the LOD and LOQ has been "J" qualified by the laboratory. Reporting limits and positive results are adjusted based on the sample volume/weight utilized for each extraction procedure. All data provided for this data set are acceptable for use, with noted data qualifiers.

Appendix B of this report contains copies of qualified data result pages.

TABLE 1

FIELD SAMPLE ID	LABORATORY ID
MW-1A	13D0938-01
MW-1B	13D0938-02
MW-1C	13D0938-03
MW-1D	13D0938-04
MW-2A	13D0938-05
MW-2B	13D0938-06
MW-2C	13D0938-07
MW-3A	13D0938-08
MW-3B	13D0938-09
MW-3C	13D0938-10
MW-4A	13D0938-11
MW-4B	13D0938-12
MW-4C	13D0938-13
MW-5A	13D0938-14
MW-5D	13D0938-15
MW-6A	13D0938-16
MW-6D	13D0938-17
MW-7A	13D0938-18
MW-7D	13D0938-19
FB-Field Blank	13D0938-20
Trip Blank	13D0938-21
Field Duplicate	13D0938-22

APPENDIX A

DATA QUALIFIER DEFINITIONS

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are unreliable/unusable. The presence or absence of the analyte cannot be verified.

K – The analyte is present. The reported value may be biased high. The actual value is expected to be lower than reported.

L - The analyte is present. The reported value may be biased low. The actual value is expected to be higher than reported.

UL – The analyte was not detected, and the reported quantitation limit is probably higher than reported.

APPENDIX B

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-01 File ID: V188537W.D

Sampled: 04/23/13 17:30 Prepared: 04/26/13 14:25 Analyzed: 04/26/13 23:29

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	2.5	J	J
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	40		J
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-01 File ID: V188537W.D

Sampled: 04/23/13 17:30 Prepared: 04/26/13 14:25 Analyzed: 04/26/13 23:29

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	20	740	D	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	20	300	D	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	50.9	102	72.6 - 129	
p-Bromofluorobenzene	50.0	50.5	101	63.5 - 145	
Toluene-d8	50.0	48.5	96.9	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-02 File ID: V188567W.D

Sampled: 04/23/13 17:10 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 18:25

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	UJ
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	UJ
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	UJ
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	UJ
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-02 File ID: V188567W.D

Sampled: 04/23/13 17:10 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 18:25

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	2.6	~~JB~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	18	
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	4.0	J
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.7	113	72.6 - 129	
p-Bromofluorobenzene	50.0	52.0	104	63.5 - 145	
Toluene-d8	50.0	47.4	94.8	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-03 File ID: V188568W.D

Sampled: 04/23/13 16:45 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 19:03

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	UJ
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	UJ
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	UJ
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	UJ
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

MW-1C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-03 File ID: V188568W.D

Sampled: 04/23/13 16:45 Prepared: 04/29/13 11:17 Analyzed: 04/29/13 19:03

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.2	~~JB~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	60.6	121	72.6 - 129	
p-Bromofluorobenzene	50.0	50.2	100	63.5 - 145	
Toluene-d8	50.0	47.6	95.2	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-04 File ID: V188540W.D

Sampled: 04/23/13 16:10 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 01:25

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	15		J
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-1D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-04 File ID: V188540W.D

Sampled: 04/23/13 16:10 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 01:25

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	5.0	U	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.4	109	72.6 - 129	
p-Bromofluorobenzene	50.0	48.9	97.8	63.5 - 145	
Toluene-d8	50.0	49.3	98.7	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-05 File ID: V188541W.D

Sampled: 04/23/13 18:50 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:04

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	UJ
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-05 File ID: V188541W.D

Sampled: 04/23/13 18:50 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:04

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	5.0	U	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.1	108	72.6 - 129	
p-Bromofluorobenzene	50.0	50.7	101	63.5 - 145	
Toluene-d8	50.0	49.1	98.1	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-06 File ID: V188542W.D

Sampled: 04/23/13 18:23 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:43

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-06 File ID: V188542W.D

Sampled: 04/23/13 18:23 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 02:43

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	5.0	U	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.2	110	72.6 - 129	
p-Bromofluorobenzene	50.0	50.4	101	63.5 - 145	
Toluene-d8	50.0	49.4	98.8	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-07 File ID: V188543W.D

Sampled: 04/23/13 18:45 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 03:23

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-2C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-07 File ID: V188543W.D

Sampled: 04/23/13 18:45 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 03:23

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	5.0	U	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.0	110	72.6 - 129	
p-Bromofluorobenzene	50.0	50.1	100	63.5 - 145	
Toluene-d8	50.0	48.4	96.7	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-08 File ID: V188544W.D

Sampled: 04/23/13 16:00 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 04:02

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-08 File ID: V188544W.D

Sampled: 04/23/13 16:00 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 04:02

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	5.0	U	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	53.4	107	72.6 - 129	
p-Bromofluorobenzene	50.0	49.9	99.8	63.5 - 145	
Toluene-d8	50.0	47.9	95.9	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-09 File ID: V188545W.D

Sampled: 04/23/13 15:50 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 04:41

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	UJ
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-09 File ID: V188545W.D

Sampled: 04/23/13 15:50 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 04:41

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	5.0	U	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	53.0	106	72.6 - 129	
p-Bromofluorobenzene	50.0	51.3	103	63.5 - 145	
Toluene-d8	50.0	48.8	97.7	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-10 File ID: V188546W.D

Sampled: 04/23/13 15:10 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 05:20

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-3C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-10 File ID: V188546W.D

Sampled: 04/23/13 15:10 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 05:20

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	5.0	U	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.6	109	72.6 - 129	
p-Bromofluorobenzene	50.0	51.2	102	63.5 - 145	
Toluene-d8	50.0	48.4	96.8	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-11 File ID: V188547W.D

Sampled: 04/23/13 20:00 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 05:59

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-11 File ID: V188547W.D

Sampled: 04/23/13 20:00 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 05:59

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	23		
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.4	111	72.6 - 129	
p-Bromofluorobenzene	50.0	49.1	98.2	63.5 - 145	
Toluene-d8	50.0	48.7	97.5	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-12 File ID: V188548W.D

Sampled: 04/23/13 19:45 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 06:39

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	3.7	J	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	18		J
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-12 File ID: V188548W.D

Sampled: 04/23/13 19:45 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 06:39

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	67		
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	28		
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.9	110	72.6 - 129	
p-Bromofluorobenzene	50.0	51.1	102	63.5 - 145	
Toluene-d8	50.0	48.2	96.5	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-13 File ID: V188549W.D

Sampled: 04/23/13 19:35 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 07:18

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-4C

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-13 File ID: V188549W.D

Sampled: 04/23/13 19:35 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 07:18

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	5.0	U	
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	54.5	109	72.6 - 129	
p-Bromofluorobenzene	50.0	49.4	98.8	63.5 - 145	
Toluene-d8	50.0	48.8	97.6	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

MW-5A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-14 File ID: V188550W.D

Sampled: 04/23/13 09:15 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 07:57

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	
75-34-3	1,1-Dichloroethane	1	5.0	U	UJ
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	UJ
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	
74-97-5	Bromochloromethane	1	5.0	U	UJ
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-5A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-14 File ID: V188550W.D

Sampled: 04/23/13 09:15 Prepared: 04/26/13 14:25 Analyzed: 04/27/13 07:57

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31300 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-95-3	Dibromomethane	1	5.0	U	UJ
75-71-8	Dichlorodifluoromethane	1	5.0	U	
100-41-4	Ethyl Benzene	1	5.0	U	
87-68-3	Hexachlorobutadiene	1	5.0	U	
98-82-8	Isopropylbenzene	1	5.0	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U	UJ
75-09-2	Methylene chloride	1	10	U	
91-20-3	Naphthalene	1	10	U	
104-51-8	n-Butylbenzene	1	5.0	U	
103-65-1	n-Propylbenzene	1	5.0	U	
95-47-6	o-Xylene	1	5.0	U	
179601-23-1	p- & m- Xylenes	1	10	U	
99-87-6	p-Isopropyltoluene	1	5.0	U	
135-98-8	sec-Butylbenzene	1	5.0	U	
100-42-5	Styrene	1	5.0	U	
98-06-6	tert-Butylbenzene	1	5.0	U	
127-18-4	Tetrachloroethylene	1	9.7		
108-88-3	Toluene	1	5.0	U	
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U	UJ
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U	
79-01-6	Trichloroethylene	1	5.0	U	
75-69-4	Trichlorofluoromethane	1	5.0	U	
75-01-4	Vinyl Chloride	1	5.0	U	
1330-20-7	Xylenes, Total	1	15	U	
108-05-4	Vinyl acetate	1	10	U	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.6	113	72.6 - 129	
p-Bromofluorobenzene	50.0	49.7	99.5	63.5 - 145	
Toluene-d8	50.0	47.6	95.3	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-15 File ID: V188558W.D

Sampled: 04/23/13 10:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 12:38

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	UJ
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	UJ
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	UJ
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	UJ
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	4.9	J	J
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-5D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-15 File ID: V188558W.D

Sampled: 04/23/13 10:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 12:38

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.2	~~JB~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.9	114	72.6 - 129	
p-Bromofluorobenzene	50.0	47.3	94.6	63.5 - 145	
Toluene-d8	50.0	47.1	94.2	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET** **MW-6A**

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-16 File ID: V188559W.D

Sampled: 04/23/13 11:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 13:17

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	UJ
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	UJ
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	UJ
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	UJ
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-16 File ID: V188559W.D

Sampled: 04/23/13 11:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 13:17

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	4.1	~~JB~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	56.4	113	72.6 - 129	
p-Bromofluorobenzene	50.0	49.4	98.7	63.5 - 145	
Toluene-d8	50.0	47.2	94.3	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-17 File ID: V188560W.D

Sampled: 04/23/13 11:20 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 13:56

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	UJ
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	UJ
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	UJ
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	UJ
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-6D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-17 File ID: V188560W.D

Sampled: 04/23/13 11:20 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 13:56

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.4	~~JB~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.3	115	72.6 - 129	
p-Bromofluorobenzene	50.0	49.9	99.8	63.5 - 145	
Toluene-d8	50.0	47.0	94.0	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-18 File ID: V188561W.D

Sampled: 04/23/13 12:20 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 14:34

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	UJ
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	UJ
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	UJ
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	UJ
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7A

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-18 File ID: V188561W.D

Sampled: 04/23/13 12:20 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 14:34

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.3	~~B~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	55.4	111	72.6 - 129	
p-Bromofluorobenzene	50.0	51.1	102	63.5 - 145	
Toluene-d8	50.0	48.0	95.9	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-19 File ID: V188562W.D

Sampled: 04/23/13 12:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 15:13

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	CV
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	CV
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	CV
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	CV
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	CV
67-64-1	Acetone	1	10	U	CV
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	CV
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	2.5	J	J
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	CV
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

MW-7D

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-19 File ID: V188562W.D

Sampled: 04/23/13 12:15 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 15:13

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	3.8	~~JB~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.4	115	72.6 - 129	
p-Bromofluorobenzene	50.0	49.5	99.1	63.5 - 145	
Toluene-d8	50.0	47.4	94.8	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

FB-Field Blank

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-20 File ID: V188563W.D

Sampled: 04/23/13 09:00 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 15:51

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	UJ
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	UJ
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	UJ
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	UJ
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

FB-Field Blank

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-20 File ID: V188563W.D

Sampled: 04/23/13 09:00 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 15:51

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.6	~~JB~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.1	114	72.6 - 129	
p-Bromofluorobenzene	50.0	50.7	101	63.5 - 145	
Toluene-d8	50.0	47.8	95.5	81.2 - 127	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Trip Blanks

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-21 File ID: V188564W.D

Sampled: 04/23/13 15:00 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 16:29

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U	
71-55-6	1,1,1-Trichloroethane	1	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U	
79-00-5	1,1,2-Trichloroethane	1	5.0	U	UJ
75-34-3	1,1-Dichloroethane	1	5.0	U	
75-35-4	1,1-Dichloroethylene	1	5.0	U	
563-58-6	1,1-Dichloropropylene	1	5.0	U	
87-61-6	1,2,3-Trichlorobenzene	1	10	U	
96-18-4	1,2,3-Trichloropropane	1	5.0	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	10	U	
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U	UJ
106-93-4	1,2-Dibromoethane	1	5.0	U	
95-50-1	1,2-Dichlorobenzene	1	5.0	U	
107-06-2	1,2-Dichloroethane	1	5.0	U	
78-87-5	1,2-Dichloropropane	1	5.0	U	
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U	
541-73-1	1,3-Dichlorobenzene	1	5.0	U	
142-28-9	1,3-Dichloropropane	1	5.0	U	
106-46-7	1,4-Dichlorobenzene	1	5.0	U	
594-20-7	2,2-Dichloropropane	1	5.0	U	
78-93-3	2-Butanone	1	10	U	
95-49-8	2-Chlorotoluene	1	5.0	U	
106-43-4	4-Chlorotoluene	1	5.0	U	UJ
67-64-1	Acetone	1	10	U	UJ
71-43-2	Benzene	1	5.0	U	
108-86-1	Bromobenzene	1	5.0	U	UJ
74-97-5	Bromochloromethane	1	5.0	U	
75-27-4	Bromodichloromethane	1	5.0	U	
75-25-2	Bromoform	1	5.0	U	
74-83-9	Bromomethane	1	5.0	U	UJ
56-23-5	Carbon tetrachloride	1	5.0	U	
108-90-7	Chlorobenzene	1	5.0	U	
75-00-3	Chloroethane	1	5.0	U	
67-66-3	Chloroform	1	5.0	U	
74-87-3	Chloromethane	1	5.0	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U	
124-48-1	Dibromochloromethane	1	5.0	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Trip Blanks

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-21	File ID:	V188564W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 16:29
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.8	~~JB~~ UJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	57.4	115	72.6 - 129	
p-Bromofluorobenzene	50.0	50.2	100	63.5 - 145	
Toluene-d8	50.0	48.3	96.6	81.2 - 127	

* Values outside of QC limits

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA SW846-8260B

Field Duplicate

Laboratory: York Analytical Laboratories, Inc. SDG: 13D0938

Client: Leggette Brashears & Graham White Plains Office Project: Deluxe

Matrix: Water Laboratory ID: 13D0938-22 File ID: V188565W.D

Sampled: 04/23/13 15:00 Prepared: 04/29/13 10:36 Analyzed: 04/29/13 17:08

Solids: Preparation: EPA 5030B Initial/Final: 5 mL / 5 mL

Batch: BD31338 Sequence: Calibration: Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	5.0	U
71-55-6	1,1,1-Trichloroethane	1	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	5.0	U
79-00-5	1,1,2-Trichloroethane	1	5.0	U
75-34-3	1,1-Dichloroethane	1	5.0	U
75-35-4	1,1-Dichloroethylene	1	5.0	U
563-58-6	1,1-Dichloropropylene	1	5.0	U
87-61-6	1,2,3-Trichlorobenzene	1	10	U
96-18-4	1,2,3-Trichloropropane	1	5.0	U
120-82-1	1,2,4-Trichlorobenzene	1	10	U
95-63-6	1,2,4-Trimethylbenzene	1	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	10	U
106-93-4	1,2-Dibromoethane	1	5.0	U
95-50-1	1,2-Dichlorobenzene	1	5.0	U
107-06-2	1,2-Dichloroethane	1	5.0	U
78-87-5	1,2-Dichloropropane	1	5.0	U
108-67-8	1,3,5-Trimethylbenzene	1	5.0	U
541-73-1	1,3-Dichlorobenzene	1	5.0	U
142-28-9	1,3-Dichloropropane	1	5.0	U
106-46-7	1,4-Dichlorobenzene	1	5.0	U
594-20-7	2,2-Dichloropropane	1	5.0	U
78-93-3	2-Butanone	1	10	U
95-49-8	2-Chlorotoluene	1	5.0	U
106-43-4	4-Chlorotoluene	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	5.0	U
108-86-1	Bromobenzene	1	5.0	U
74-97-5	Bromochloromethane	1	5.0	U
75-27-4	Bromodichloromethane	1	5.0	U
75-25-2	Bromoform	1	5.0	U
74-83-9	Bromomethane	1	5.0	U
56-23-5	Carbon tetrachloride	1	5.0	U
108-90-7	Chlorobenzene	1	5.0	U
75-00-3	Chloroethane	1	5.0	U
67-66-3	Chloroform	1	5.0	U
74-87-3	Chloromethane	1	5.0	U
156-59-2	cis-1,2-Dichloroethylene	1	5.0	U
10061-01-5	cis-1,3-Dichloropropylene	1	5.0	U
124-48-1	Dibromochloromethane	1	5.0	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

Field Duplicate

Laboratory:	York Analytical Laboratories, Inc.			SDG:	13D0938
Client:	Leggette Brashears & Graham White Plains Office			Project:	Deluxe
Matrix:	Water	Laboratory ID:	13D0938-22	File ID:	V188565W.D
Sampled:	04/23/13 15:00	Prepared:	04/29/13 10:36	Analyzed:	04/29/13 17:08
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	BD31338	Sequence:		Calibration:	Instrument: VOA No.1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	5.0	U
75-71-8	Dichlorodifluoromethane	1	5.0	U
100-41-4	Ethyl Benzene	1	5.0	U
87-68-3	Hexachlorobutadiene	1	5.0	U
98-82-8	Isopropylbenzene	1	5.0	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	5.0	U
75-09-2	Methylene chloride	1	5.2	~~JB~~ VJ
91-20-3	Naphthalene	1	10	U
104-51-8	n-Butylbenzene	1	5.0	U
103-65-1	n-Propylbenzene	1	5.0	U
95-47-6	o-Xylene	1	5.0	U
179601-23-1	p- & m- Xylenes	1	10	U
99-87-6	p-Isopropyltoluene	1	5.0	U
135-98-8	sec-Butylbenzene	1	5.0	U
100-42-5	Styrene	1	5.0	U
98-06-6	tert-Butylbenzene	1	5.0	U
127-18-4	Tetrachloroethylene	1	5.0	U
108-88-3	Toluene	1	5.0	U
156-60-5	trans-1,2-Dichloroethylene	1	5.0	U
10061-02-6	trans-1,3-Dichloropropylene	1	5.0	U
79-01-6	Trichloroethylene	1	5.0	U
75-69-4	Trichlorofluoromethane	1	5.0	U
75-01-4	Vinyl Chloride	1	5.0	U
1330-20-7	Xylenes, Total	1	15	U
108-05-4	Vinyl acetate	1	10	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	50.0	59.0	118	72.6 - 129	
p-Bromofluorobenzene	50.0	50.3	101	63.5 - 145	
Toluene-d8	50.0	48.5	97.0	81.2 - 127	

* Values outside of QC limits

APPENDIX C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13D0938

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG, Inc	SAME ✓	SAME ✓	Deluxe	RUSH-Same Day	Summary Report
Address: 110 Corporate	Name:	Name:		RUSH-Next Day	QA Report
Rd Dr, White Plains, NY 10604	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 914 694 5711	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Jorma Weber				RUSH-Four Day	NY ASP A Package
E-mail: Weber@LBGNY.com	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to:
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Mike Reiff
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Library Search
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-1A	4/23/14 1730	GW	8260 full list	2 VOAs
MW-1B	1710			
MW-1C	1645			
MW-1D	1610			
MW-2A	1850			
MW-2B	1823			
MW-2C	1845			
MW-3A	1600			
MW-3B	1550			

Comments:

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time 4/25/14 1000	Samples Received By Grace 4-25-14	Date/Time 1430
Samples Relinquished By	Date/Time	Samples Received in LAB by Grace 4/25	Date/Time 13 1535

Temperature on Receipt 4.0 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 13D0938

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG, Inc	SAME [X]	SAME [X]	Deluxe	RUSH-Same Day	Summary Report
Address: 110 Corporate Park Dr, White Plains, NY 10604	Name:	Name:		RUSH-Next Day	QA Report
	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 914 694 5711	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Jorma Weber				RUSH-Four Day	NY ASP A Package
E-mail: Weber@LBGNY.com	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day)	NY ASP B Package [X]
					NJDEP Reduced Deliv

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Mike Reiff

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA 8	TPH GRO	Pri. Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360 Expanded No Library Search
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360 Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Excel
NYSDEC EQuIS
NJDEP SRP HazSite
EQuIS
GIS/KEY (std)
YORK Regulatory Comp Excel compared to:
OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-3C	4/23/14 1510	GW	8260 full list	
MW-4A	2000			
MW-4B	1945			
MW-4C	1935			
MW-5A	0915			
MW-5D	1015			
MW-6A	1115			
MW-6D	1120			
MW-7A	1220			

Comments:

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time 4/25/13 1000	Samples Received By	Date/Time 4-25-13 1430
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time 4/25/13 1535

Temperature on Receipt 4.0°C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 13D0938

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG, Inc	SAME X	SAME X		RUSH-Same Day	Summary Report
Address: 11 Corporate Park Dr	Name:	Name:		RUSH-Next Day	QA Report
Corporate Park Dr White Plains	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 9146945711	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Jorma Weber				RUSH-Four Day	NY ASP A Package
E-mail: weber@LBGNY.com	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Mike Reiff
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA 8	TPH GRO	Pri. Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CTI 5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Routine
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Excel
NYSDEC EQuIS
NJDEP SRP HazSite
EQuIS
GIS/KEY (std)
YORK Regulatory Comp Excel *compared to:*
OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-7D	4/23/13 1215	GW	8260 Full list	
MS - Matrix Spike	4/23/13 1015			
MSD - Matrix Spike Dup	4/23/13 1015			
FB - Field Blank	4/23/13 0900			
Trip Blanks	—			
Field Duplicate	4/23/13			

Comments:

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time 4/25/13 1000	Samples Received By	Date/Time 4-25-13 14:30
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time PGrace 4-25-13 1535

Temperature on Receipt 4.0 °C

APPENDIX F

SITE-WIDE INSPECTION FORM
DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

NYSDEC SITE #V00339-7
VCA #A7-0419-0005

Site Owner:	M. S. Kennedy Corporation
Site Use Limited to Industrial and/or Commercial	Yes
Use of On-Site Groundwater	No, site supplied with Public Water
Declaration of Covenants & Restrictions on Record with Onandaga County:	Yes
Condition of Onsite Monitor Wells:	Good

Inspected By: Michael E. DeFelice
(signature)

MICHAEL E. DEFELICE
(print name)

4/23/2013
(date)

APPENDIX G

ANNUAL CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS
NYSDEC SITE #V-00339-7
FORMER DELUXE PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

October 10, 2012 through October 9, 2013

As described and required by the Site Management Plan, as a Qualified Environmental Professional (QEP) I certify that all of the following statements are true:

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The control employed is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
- Access to the Site will continue to be provided to the NYSDEC to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- Use of the Site is compliant with the Declaration of Covenants and Restrictions recorded with the Onondaga County Clerk's office;
- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program and generally accepted engineering practices;
- The information presented in the Periodic Review Report is accurate and complete; and,
- No new information has come to my attention, including groundwater monitoring data from wells located at the Site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of offsite contamination are no longer valid.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Dan C. Buzea, P.G, CPG, of LBG, 4 Gannett Drive, Suite 175, White Plains, New York, 10604, am certifying as the Deluxe Corporation Designated Site Representative that all of the above statement are true.

Dan C. Buzea

Dan C. Buzea, P.G., CPG

Date: 11/19/2013