

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUNDWATER AND ENVIRONMENTAL ENGINEERING SERVICES

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November 28, 2016

Mr. Thomas Biel
NYSDEC - Region 7 Office
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, NY 13204-2400

RE: NYSDEC Site #V-00339-7
Agreement Index No. A7-0419-0005
Former Deluxe Printing Facility
4707 Dey Road
Liverpool, New York

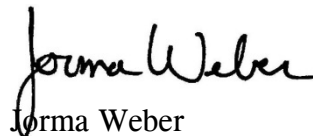
Dear Mr. Biel:

Attached is one bound copy and one electronic copy of the Leggette, Brashears & Graham, Inc. (LBG) report titled: "2016 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" for your files.

If you have any questions please do not hesitate to contact me at (914) 694-5711.

Very truly yours,

LEGGETTE, BRASHEARS & GRAHAM, INC.



Jorma Weber
Senior Associate

JW:dmd

Attachments

cc: Jon Robertson
Tom Walsh

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**2016 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 2016

Prepared By:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Groundwater and Environmental Engineering Services
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AGREEMENT INDEX NO. A7-0419-0005**

1.0 INTRODUCTION

The premises located at 4707 Dey Road in Liverpool, New York (“the Site”) is the subject of the former Voluntary Cleanup Program (VCP) Index Number A7-0419-0005. In accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Site Management Plan (SMP), a Periodic Review Report (PRR) 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 from October 10, 2015 to October 9, 2016.

Groundwater at the site contains residual solvent contamination (defined in the SMP) left after completion of the remedial action. Engineering Controls (ECs) and Institutional Controls (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, 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, 2015 to October 9, 2016 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:
 - o compliance of the Monitored Natural Attenuation (MNA) with the requirements of the Declaration, this SMP, and any other applicable Decision Document;
 - o the operation and the effectiveness of all monitoring units, etc., including identification of any needed repairs or modifications;
 - o any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;

- o recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and,
- o the overall performance and effectiveness of the remedy.

3.0 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring is performed on a periodic basis to assess the performance of the remedy. There is a network of 19 monitor wells located onsite set as seven distinct clusters. Each well cluster contains two to four individual monitor wells with well screen set 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 26, 2016, 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 27 and 28, 2016, 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 and oxidation/reduction potential. 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 3, 2016 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 MW-5A was the lowest of all “A” wells on April 26, 2016 and was 9.30 feet lower than groundwater in the contamination source area (1A) 110 feet away. Groundwater in the shallow “A” zone flows to the north through uncon-

solidated sediment and weathered bedrock. A groundwater elevation contour map for the April 26, 2016 measurements from the “A” monitor wells is shown on figure 2.

Groundwater elevations calculated for the “B” wells indicate a horizontal gradient to the southwest. Groundwater elevations calculated for the “C” wells indicate a horizontal gradient to the northwest. Groundwater elevations calculated for the “D” wells indicate a horizontal gradient to the north-northwest.

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 on April 28, 2016 indicated PCE and trichloroethylene (TCE) concentrations exceeding NYSDEC Ground Water Quality Standards (GWQS). The PCE concentration was 200 ug/l (micrograms per liter) and the TCE concentration was 150 ug/l.

The historic concentrations of PCE and its degradation products decrease with depth below grade at the Well Cluster #1 location. PCE was detected above NYSDEC GWQS in MW-1C at 5.8 ug/l on April 28, 2016 and VOCs have never been detected above NYSDEC GWQS in MW-1D (the deepest #1 cluster well at 109 feet). 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 located 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 April 2016 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.

Consistent with historical results, groundwater samples collected from Well Cluster #3 (northeast of the former UST area) had no VOCs exceeding GWQS in the April 2016 samples. 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 contain the greatest VOC concentration lateral to Well Cluster #1. On the most recent sampling date (April 27, 2016), groundwater samples collected from Monitor Wells 4A and 4B contained PCE at concentrations of 20 ug/l and 52 ug/l, respectively. 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 dates (April 27 and 28, 2016) indicate that the only VOC detection above NYSDEC GWQS at these well clusters was PCE at a concentration of 7.3 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 are required by the SMP and the Declaration, which refers to the Site as the “Property”, and were 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 groundwater underlying the Property without treatment rendering it safe for drinking 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 26, 2016 by Michael Reiff, a 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 con-

dition of the onsite monitor wells. The Site-Wide Inspection Form required by the SMP is included in Appendix F.

On June 6, 2016, LBG supervised the repair of 13 monitor well pads and street boxes. These well pads were noted to be in poor condition during the annual Site wide inspection. The repairs were conducted by EPS.

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, John Benvegna, CPG, Vice President of LBG. A copy of the signed certification is included in Appendix G.

7.0 STANDARDS OF CARE

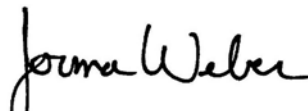
All inspections performed at the Site were conducted at the frequency specified in the schedules provided in Section 3 - Monitoring Plan of the SMP. Site inspections and sampling activities at the Site will continue to take place as outlined in the SMP. Frequency of inspection is subject to change by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

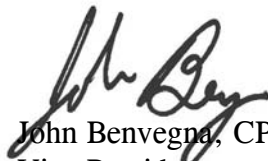
All onsite ECs/ICs are in place and being implemented properly. As such, all onsite sampling and monitoring activities will continue as outlined in the SMP. The next scheduled groundwater sampling event is January 2017 and the 2017 PRR including the EC/IC certification will be submitted by November 22, 2017.

LEGGETTE, BRASHEARS & GRAHAM, INC.



Jorma Weber
Senior Associate

Reviewed By:



John Benvegna, CPG
Vice President

dmd

November 28, 2016

report.sitev003397.2016-11-28.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
	04/22/13		20.05	12.15	86.63	0.117	12.04	7.55	321	7.03	-17
	01/21/14		20.15	13.63	85.15	0.092	6.98	7.46	NM	9.48	174
	10/07/14		20.15	13.82	84.96	0.066	15.2	7.30	NM	10.0	94
	07/21/15		20.15	13.27	85.51	0.042	13.6	7.58	NM	3.1	-44
	04/26/16		20.15	12.55	86.23	0.109	9.7	7.80	NM	12.3	132
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		40.40	36.58	62.29	0.145	14.54	7.59	287	5.14	-17
	01/21/14		40.32	39.38	59.49	0.127	8.49	9.18	NM	8.53	164
	10/07/14		40.33	39.85	59.02	0.273	15.00	7.80	NM	9.89	81
	07/21/15		40.60	39.80	59.07	0.274	13.42	7.17	NM	3.67	-97
	04/26/16		40.60	39.50	59.37	0.188	8.14	8.33	NM	11.15	134

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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
	01/21/14		60.40	42.65	56.55	0.324	6.64	7.22	NM	9.54	31
	10/07/14		60.40	51.55	47.65	0.222	14.86	6.40	NM	9.87	-36
	07/21/15		60.40	43.43	55.77	0.285	12.92	7.34	NM	2.36	-100
	04/26/16		60.40	41.12	58.08	0.233	10.32	7.32	NM	11.53	147
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
	01/21/14		109.50	41.00	57.78	0.354	7.22	11.52	NM	9.18	-38
	10/07/14		109.50	48.32	50.46	0.104	14.07	6.20	nm	7.40	-44
	07/21/15		109.50	41.50	57.28	0.439	13.37	12.22	NM	2.68	-131
	04/26/16		109.50	39.05	59.73	0.568	10.57	7.11	NM	12.58	25
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

TABLE 1

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2A (continued)	04/28/03	98.73	-	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
	01/21/14		20.08	12.71	86.02	0.186	7.96	8.06	NM	8.66	182
	10/07/14		20.08	14.80	83.93	0.289	16.04	8.08	NM	7.80	150
	07/21/15		20.10	12.92	85.81	0.204	14.96	7.63	NM	3.36	58
	04/26/16		20.10	11.74	86.99	0.251	11.30	7.15	NM	8.43	192
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
	01/21/14		40.15	39.57	59.35	0.164	8.23	8.86	NM	8.50	161
	10/07/14		40.15	39.80	59.12	0.200	15.38	8.40	NM	9.07	90
	07/21/15		40.15	39.81	59.11	0.204	14.97	7.91	NM	3.04	45
	04/26/16		40.15	39.52	59.40	0.158	11.87	6.88	NM	18.43	252
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

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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⁾
2C (continued)	04/28/03	98.83	-	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
	01/21/14		61.00	42.30	56.53	0.202	7.13	7.11	NM	9.06	12
	10/07/14		61.00	51.14	47.69	0.296	13.98	8.50	NM	9.10	6
	07/21/15		61.00	43.14	55.69	0.206	14.61	7.67	NM	4.11	50
	04/26/16		61.00	40.70	58.13	0.267	11.41	7.12	NM	8.08	175
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
	01/21/14		20.02	12.15	86.16	0.153	9.07	6.89	NM	7.79	31
	10/07/14		20.00	14.50	83.81	0.111	16.28	6.80	NM	7.16	36
	07/21/15		20.00	12.64	85.67	0.106	15.09	7.45	NM	3.04	19
	04/26/16		20.00	11.60	86.71	0.244	12.16	6.95	NM	13.72	107
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

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⁾
3B (continued)	04/28/03	98.36	-	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
	01/21/14		40.23	38.13	60.23	0.100	6.66	6.84	NM	9.30	191
	10/07/14		40.25	38.82	59.54	0.198	15.26	6.90	NM	7.79	156
	07/21/15		40.25	38.89	59.47	0.217	12.81	7.18	NM	3.03	99
	04/26/16		40.25	38.60	59.76	0.102	12.49	7.60	NM	7.14	129
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	98.19	-	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
	01/21/14		60.30	41.10	57.09	0.270	7.87	5.66	NM	7.22	118
	10/07/14		60.30	49.45	48.74	0.178	15.02	7.20	NM	8.83	114
	07/21/15		60.30	41.95	56.24	0.216	13.12	7.59	NM	3.69	53
	04/26/16		60.30	41.00	57.19	0.291	12.05	7.38	NM	9.10	86
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

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⁾
4A (continued)	04/28/03	96.90	-	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
	01/21/14		20.00	11.94	84.96	0.121	10.09	6.91	NM	8.16	186
	10/07/14		20.00	13.47	83.43	0.206	16.66	6.50	NM	5.94	-21
	07/21/15		20.00	12.02	84.88	0.088	12.42	7.62	NM	2.20	32
	04/26/16		20.00	11.13	85.77	0.118	11.79	7.31	NM	7.10	112
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
	01/21/14		40.17	36.65	60.11	0.102	8.32	7.36	NM	8.72	183
	10/07/14		40.15	38.92	57.84	0.312	15.03	7.20	NM	7.77	-64
	07/21/15		40.15	37.72	59.04	0.078	13.59	7.65	NM	4.86	69
	04/26/16		40.15	37.05	59.71	0.100	13.33	7.76	NM	11.71	89
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

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⁾
4C (continued)	04/28/03	96.50	-	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
	01/21/14		62.30	39.62	56.88	0.269	6.31	7.60	NM	10.22	167
	10/07/14		62.30	48.26	48.24	0.309	15.26	6.10	NM	8.51	21
	07/21/15		62.30	40.55	55.95	0.218	13.41	7.69	NM	4.12	-30
	04/26/16		62.30	38.12	58.38	0.275	12.82	7.09	NM	8.24	109
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
	01/21/14		22.59	20.01	76.51	0.128	4.66	7.32	NM	10.74	220
	10/07/14		22.50	20.84	75.68	0.147	16.28	6.30	NM	11.49	41
	07/21/15		22.50	20.27	76.25	0.077	13.40	7.95	NM	3.95	47
	04/26/16		22.50	19.59	76.93	0.117	13.21	7.26	NM	9.85	154
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
	01/21/14		112.00	51.80	44.39	1.77	10.11	12.59	NM	8.45	-6
	10/07/14		112.00	45.61	50.58	2.05	14.46	8.50	NM	9.75	-177
	07/21/15		112.00	45.56	50.63	1.10	13.81	12.60	NM	0.92	-176
	04/26/16		112.00	44.93	51.26	1.19	13.12	12.12	NM	6.80	-12

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⁾
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
	01/21/14		23.50	14.69	88.04	0.303	9.22	8.86	NM	8.94	23
	10/07/14		23.50	17.00	85.73	0.047	15.07	5.80	NM	9.21	-8
	07/21/15		23.50	15.22	87.51	0.031	13.26	8.61	NM	6.48	45
	04/26/16		23.50	14.35	88.38	0.053	11.02	10.61	NM	9.69	4
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
	01/21/14		112.60	46.26	56.77	0.359	4.23	10.27	NM	9.00	87
	10/07/14		112.60	54.54	48.49	0.078	13.93	6.90	NM	8.83	-93
	07/21/15		112.60	47.00	56.03	0.071	13.32	10.07	NM	3.69	-4
	04/26/16		112.60	44.52	58.51	0.757	11.35	9.08	NM	7.21	71
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
	01/21/14		22.59	11.20	95.11	0.009	9.67	7.13	NM	10.83	127
	10/07/14		22.55	22.00	84.31	0.603	15.77	7.40	NM	6.69	-220
	07/21/15		22.55	15.11	91.20	0.080	14.43	7.75	NM	4.60	93
	04/26/16		22.55	12.77	93.54	0.128	11.98	11.81	NM	9.43	69
7D	09/24/03	105.98	112.15	59.83	46.15	0.016	NM	7.19	NM	NM	NM
	04/22/13		112.15	46.90	59.08	1.800	13.42	9.94	197	3.34	-230

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⁾
7D	01/21/14	105.98	112.10	50.05	59.08	0.685	11.24	7.75	NM	12.42	-532
(continued)	10/07/14		112.60	58.58	59.08	0.818	13.15	7.50	NM	8.71	-467
	07/21/15		112.60	50.95	59.08	0.216	13.40	7.41	NM	4.26	58
	04/26/16		112.60	40.56	59.08	0.638	13.54	11.72	NM	8.26	7

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
1A	04/05/01	2	2	6	75	45	14	730	300	23
	10/15/02	7	ND	ND	53	ND	ND	860	340	ND
	01/31/03	12	ND	3	23	3	ND	610	190	3
	04/30/03	ND	ND	ND	12	ND	ND	310	82	ND
	09/24/03	12	ND	3	25	ND	ND	390	130	ND
	10/16/03	10	ND	3	49	ND	ND	360	140	ND
	04/23/13	ND	ND	ND	40	ND	ND	740	300	ND
	01/23/14	ND	ND	ND	25	ND	ND	160	140	ND
	10/08/14	ND	ND	ND	9.8	ND	ND	61	31	ND
	07/21/15	0.95	ND	0.31 J	11	ND	ND	190	100	0.63
1B	04/28/16	ND	ND	ND	14	ND	ND	200	150	ND
	04/05/01	27	1	7	70	34	11	670	290	20
	10/15/02	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/31/03	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/30/03	5	ND	ND	10	ND	ND	140	25	ND
	09/24/03	16	3	ND	8	ND	ND	280	27	ND
	04/23/13	ND	ND	ND	40	ND	ND	18	<5	ND
	01/23/14	ND	ND	ND	3 J	ND	ND	25	8.1	ND
	10/08/14	0.27 J	ND	ND	9.1	ND	ND	76	42	ND
	07/21/15	ND	ND	ND	0.29 J	ND	ND	4.4	1.6	ND
1C	04/28/16	ND	ND	ND	1.8	ND	ND	30	9.4	ND
	04/05/01	5	ND	ND	3	ND	ND	44	9	ND
	10/15/02	3	2	1	ND	ND	ND	3	ND	ND
	01/31/03	3	ND	ND	2	ND	ND	25	8	ND
	04/30/03	3	4	2	ND	ND	ND	10	1	ND
	09/24/03	4	3	2	ND	ND	ND	ND	ND	ND
	10/16/03	3	3	3	ND	ND	ND	2	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/08/14	0.39 J	0.49 J	0.39 J	0.48 J	ND	ND	4.8	2.7	ND
1D	07/21/15	1.0	2.4	1.8	ND	ND	ND	0.58	0.27 J	ND
	04/28/16	0.53	3.1	1.5	0.23 J	ND	ND	5.8	4.5	ND
	09/24/03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/08/14	ND	ND	ND	ND	ND	ND	1	0.35 J	ND
	07/21/15	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	0.89	0.48 J	ND
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

ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

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	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	ND	ND	ND	ND	ND	ND	ND
	01/31/03	ND	ND	ND	ND	ND	ND	ND
	04/30/03	ND	ND	ND	ND	ND	ND	ND
	09/24/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	0.94	0.69	ND	ND	ND	ND
	07/21/15	ND	ND	ND	ND	ND	ND	ND
	04/27/16	ND	ND	ND	ND	ND	ND	ND
2 B	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	NS	NS	NS	NS	NS	NS	NS
	04/30/03	ND	ND	ND	ND	ND	ND	ND
	09/24/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	1.4	0.85	ND	ND	ND	ND
	07/21/15	1.2	2.6	1.7	0.47 J	ND	ND	ND
	04/27/16	ND	ND	ND	ND	0.31 J	ND	ND
2 C	04/04/01	4	2	2	ND	ND	ND	ND
	10/15/02	3	2	2	ND	ND	ND	ND
	01/31/03	2	2	1	ND	ND	ND	ND
	04/30/03	3	7	3	ND	ND	ND	ND
	09/25/03	3	2	1	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	1.9	0.96	ND	ND	ND	ND
	07/21/15	1.2	2.8	1.8	ND	ND	ND	ND
	04/27/16	0.62	3	1.4	ND	ND	ND	ND
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

ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

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	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	ND	ND	2	ND	2	ND	ND
	01/31/03	ND	2	< 1	< 1	2	ND	ND
	04/30/03	ND	ND	ND	ND	ND	ND	ND
	09/25/03	ND	2	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	0.85	1	0.75	ND	ND	ND	ND
	07/21/15	ND	ND	ND	ND	0.41 J	ND	ND
	04/27/16	ND	ND	ND	ND	ND	ND	ND
3 B	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	ND	ND	ND	ND	ND	ND	ND
	04/30/03	ND	ND	ND	ND	ND	ND	ND
	09/25/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
	07/21/15	1.2	1.3	0.92	ND	ND	ND	ND
	04/27/16	ND	ND	ND	ND	0.26 J	ND	ND
3 C	04/04/01	3	1	ND	ND	ND	ND	ND
	10/15/02	2	2	1	ND	ND	ND	ND
	01/31/03	4	2	2	ND	ND	ND	ND
	04/30/03	3	3	1	ND	ND	ND	ND
	09/25/03	2	2	1	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	0.98	0.64	ND	ND	ND	ND
	07/21/15	1.5	1.5	1.0	0.63	ND	ND	ND
	04/27/16	0.85	1.2	0.6	ND	ND	ND	ND
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

ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

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
4A	04/04/01	ND	ND	ND	ND	5	ND	ND
	10/15/02	6	ND	ND	2	170	13	ND
	01/31/03	2	ND	ND	ND	110	9	ND
	04/30/03	ND	ND	ND	ND	48	3	ND
	09/25/03	4	2	ND	1	130	9	ND
	04/23/13	23	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	29	2.7 J	ND
	10/07/14	1.2	1.1	0.25 J	2	26	2.3	ND
	07/22/15	0.95	0.47 J	ND	0.92	28	2.0	ND
	04/27/16	0.59	0.51	ND	0.85	20	2.0	ND
4B	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	6	ND	1	5	68	12	ND
	04/30/03	8	ND	ND	11	88	20	ND
	09/25/03	ND	ND	ND	ND	14	3	ND
	04/23/13	3.7 J	ND	ND	18	67	28	ND
	01/22/14	3.3 J	ND	ND	13	58	20	ND
	10/07/14	1.2	1.2	0.22 J	2.2	27	2.2	ND
	07/22/15	1.3	ND	0.50	8.9	44	14	ND
	04/27/16	2.6	0.37 J	0.43 J	8.1	52	18	ND
4C	04/04/01	4	ND	ND	ND	15	3	ND
	10/15/02	7	1	2	2	54	7	ND
	01/31/03	2	ND	ND	1	20	4	ND
	04/30/03	4	4	3	ND	12	1	ND
	09/25/03	5	2	2	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	1.3	1.4	1	ND	ND	ND	ND
	07/22/15	1.3	1.8	1.3	ND	0.69	ND	ND
	04/27/16	0.75	2.1	1.2	ND	0.32 J	ND	ND
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

ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

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	09/25/03	ND	ND	ND	ND	21	ND	ND
	04/23/13	ND	ND	ND	ND	9.7	ND	ND
	01/22/14	ND	ND	ND	ND	13	ND	ND
	10/07/14	0.36 J	0.55	ND	1.4	7.6	1	ND
	07/22/15	0.69	0.53	ND	0.92	11	1.2	ND
	04/27/16	0.33 j	0.41 j	ND	0.74	7.3	1.1	ND
5D	09/25/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	0.31 J	ND	ND
	07/22/15	ND	ND	ND	ND	0.30 J	ND	ND
	04/27/16	ND	ND	ND	ND	0.30 J	ND	ND
6A	09/25/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
	07/22/15	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	ND
6D	09/25/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
	07/22/15	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	ND
7A	09/25/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
	07/22/15	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	ND
7D	09/25/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
	07/22/15	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	ND
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

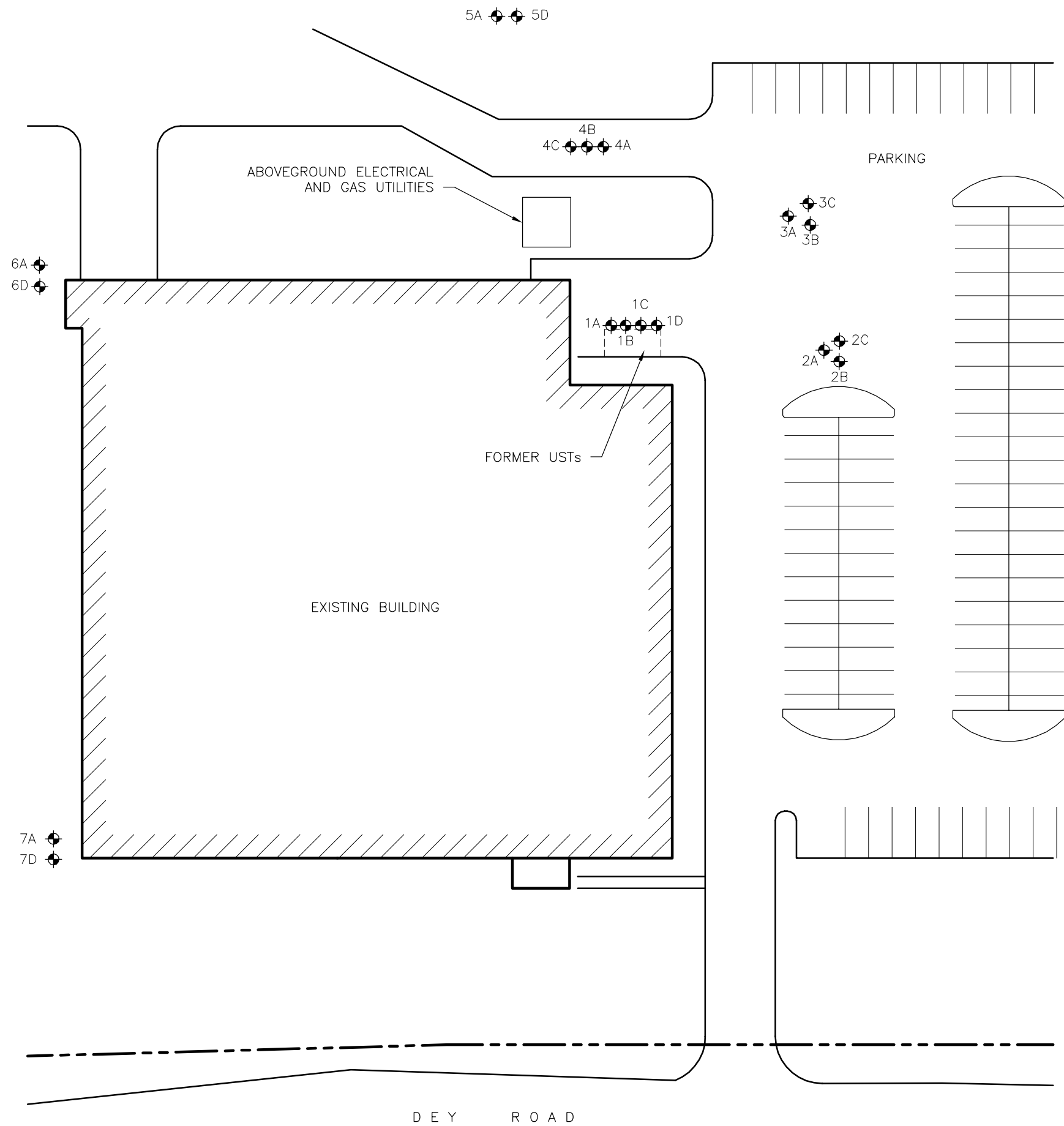
ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

FIGURES

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LEGEND



PROPERTY LINE

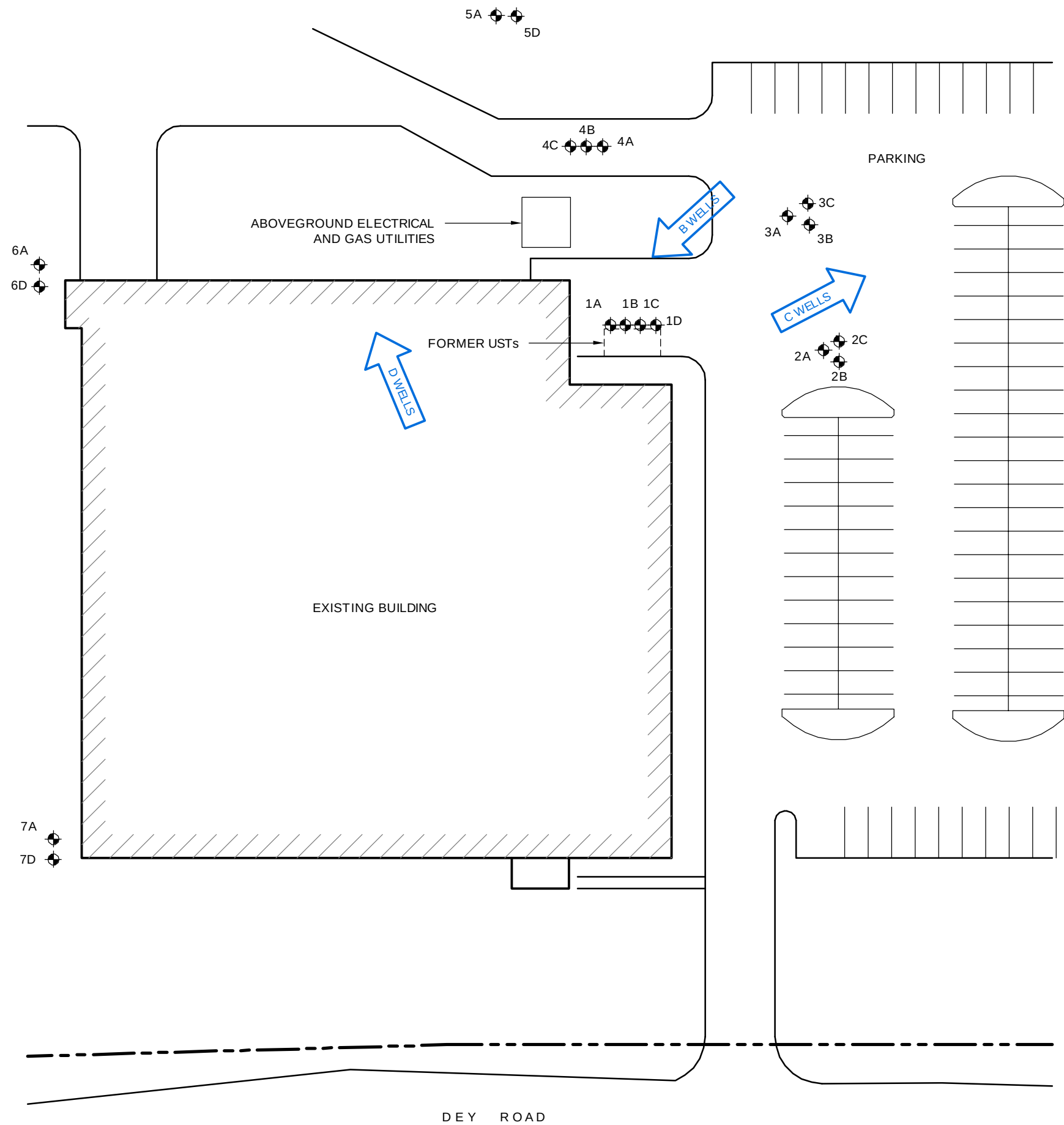


MONITOR WELL IDENTIFICATION AND LOCATION



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
- B WELLS DIRECTION OF GROUNDWATER FLOW

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 26, 2016

DATE	REVISED	PREPARED BY:		
		LEGGETTE, BRASHEARS & GRAHAM, INC.		
		Professional Groundwater and Environmental Engineering Services		
		4 Westchester Park Drive		
		Suite 175		
		White Plains, NY 10604		
		(914) 694-5711		
DRAWN:	RAC	CHECKED:	JW	DATE: 11/16/16
				FIGURE: 3



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: Terry D. Peterson

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.

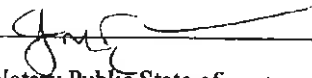
Sharon E. Blum
Notary Public State of New York

Sharon E. Blum
Notary Public in the State of New York
Qualified in Onondaga County
#01906821368

My Commission Expires on March 15, 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



STATE OF MINNESOTA
COUNTY OF RAMSEY
JUN 27 2012
NOTARY PUBLIC
SIGNATURE

A handwritten signature, possibly "Terry D. Peterson", with a large "X" written over it.

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 $89^{\circ} 09' 30''$ 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 $89^{\circ} 09' 30''$ West along the northerly line of Deys Road 332.18 feet to an angle point in said Deys Road, thence South $84^{\circ} 39' 30''$ West along the northerly line of Deys Road 188.25 feet, thence North $0^{\circ} 50' 30''$ West 406.51 feet, thence South $89^{\circ} 31' 20''$ East 520.0 feet, thence South $0^{\circ} 50' 30''$ 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



APPENDIX B

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

4 Westchester Park Drive, Suite 175
White Plains, New York 10604
(914) 694-5711

MS/MSD/ED
2C

Client: **Druxer**

Location: **4707 Dry Rd
Liverpool, NY**

Date: **4/26/16**

Weather/Comments:

Professional: **Mike Reiff**

45° RAIN

Well Identification	Time Gauged	Depth to Product (ft btoc)	Depth to Groundwater (ft btoc)	Product Thickness (ft)	Total Depth (ft btoc)	GW Evacuated calc/actual (gallons)	FIELD PARAMETERS						Time Sampled
							pH	Conductivity	DO	Temp	ORP		
								unit	(mg/l)	(C)	(mV)		
1A	0906	-	12.55	-	20.15	4" 8.5 15	7.40	1.09	mS/cm	12.30	9.73	182	1120 - 4/28
1B	0908	-	39.50	-	40.35	4" 10.5 15	8.33	6.88	mS/cm	11.15	8.14	134	1135 - 4/28
1C	0909	-	41.12	-	60.40	4" 32.5 30	7.32	2.33	mS/cm	11.53	10.32	147	1150 - 4/28
1D	0910	-	39.05	-	109.50	4" 132 30	7.11	5.68	mS/cm	12.58	10.57	25	1240 - 4/28
2A	0913	-	11.74	-	20.10	2" 4 4	7.15	2.51	mS/cm	8.93	11.30	192	1050 - 4/27
2B	0914	-	39.52	-	40.15	2" 5 15	6.88	1.58	mS/cm	13.43	11.87	252	1035 - 4/27
2C	0915	-	40.70	-	61.00	2" 4.7 10	7.12	2.67	mS/cm	8.08	11.41	175	0925 - 4/27
3A	0920	-	11.60	-	20.00	2" 4 4	6.95	2.44	mS/cm	13.72	12.16	107	1115 - 4/27
3B	0922	-	38.60	-	40.25	2" 5 15	7.60	1.02	mS/cm	7.14	12.49	129	1125 - 4/27
3C	0923	-	41.00	-	60.30	2" 9.2 10	7.38	2.91	mS/cm	7.10	12.05	86	1200 - 4/27
4A	0928	-	11.13	-	20.00	2" 4.2 4	7.31	1.18	mS/cm	7.10	11.79	112	1240 - 4/27
4B	0930	-	37.05	-	40.15	2" 5 15	7.76	1.00	mS/cm	11.71	13.33	89	1255 - 4/27
4C	0934	-	38.12	-	62.30	2" 11.6 10	7.09	2.75	mS/cm	8.24	12.82	109	1335 - 4/27
5A	0945	-	19.59	-	22.50	2" 4.3 1	7.26	1.17	mS/cm	9.85	13.21	154	1500 - 4/27
5D	0948	-	44.93	-	112.00	4" 130 30	12.12	11.9	mS/cm	6.80	13.12	-12	1535 - 4/27
6A	1003	-	14.35	-	23.50	2" 4.3 45	10.61	0.529	mS/cm	7.69	11.02	4	0800 - 4/28
6D	1005	-	44.52	-	112.60	4" 132 30	9.08	7.57	mS/cm	7.21	11.35	71	0845 - 4/28
7A	1018	-	12.77	-	22.60	2" 4.7 5	11.8	1.26	mS/cm	9.43	11.98		0930 - 4/28
7D	1020	-	40.56	-	112.15	4" 131 30	11.72	6.38	mS/cm	6.26	13.54	7	1040 - 4/28

APPENDIX C



24-Hour Emergency Phone Number
1-800-843-8265

Please print or type

BILL OF LADING		1. Document No. SYR13491	2. Page 1 of 1
3. Generator's Name and Mailing Address LEGGETTE, BRASHEARS, & GRAHAM 4 WESTCHESTER PARK DRIVE, SUITE 175 WHITE PLAINS NY 10605		Site Address 4707 DEY ROAD LIVERPOOL NY 13088	
4. Generator's Phone (914) 329-1392			
5. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC		6. NYR000115733	
7. Transporter 2 Company Name		8.	
9. Designated Facility Name and Site Address ENVIRONMENTAL PROD & SVCS OF VT, INC 532 STATE FAIR BLVD. SYRACUSE NY 13204		10. NYR000115733	
HM		F. Facility's Phone 800 843-8265	
11. Shipping Name		12. Containers No.	13. Total Quantity
a. NON-RCRA, NON-DOT, LIQUIDS, N.O.S. (TRACE ORGANICS CONTAMINATED WATER)		4	DM
b.			
c.			
d.			
G. Additional Descriptions for Materials Listed Above a. APP# 0616033-OT, 4 X 55 GAL. b. c. d. JOB# N15763			
15. Special Handling Instructions and Additional Information 1)			
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this document are not subject to federal manifest requirements.			
Printed/Typed Name M O P E M		Signature M O P E M	
17. Transporter 1 Acknowledgement of Receipt of Materials		Date Month Day Year 6/3/16	
Printed/Typed Name J M O W E R		Signature J M O W E R	
18. Transporter 2 Acknowledgement of Receipt of Materials		Date Month Day Year 6/3/16	
Printed/Typed Name		Signature	
19. Discrepancy Indication Space			
20. Facility Owner or Operator; Certification of receipt of the materials covered by this bill of lading except as noted in item 19.			
Printed/Typed Name RON B KIRANTOWSKI		Signature RON B KIRANTOWSKI	
		Date Month Day Year 6/3/16	

GENERATOR

BILL OF LADING

TRANSPORTER

FACILITY

APPENDIX D



Technical Report

prepared for:

Leggette Brashears & Graham White Plains Office

4 Westchester Park Drive, Suite 175

White Plains NY, 10604

Attention: Jorma Weber

Report Date: 06/01/2016

Client Project ID: Deluxe

York Project (SDG) No.: 16E0003

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

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York Project/SDG No. 16E0003

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CONFORMANCE / NON-CONFORMANCE SUMMARY	77 - 81
QC SUMMARY	82 - 107
VOLATILES DATA	108 - 563

Report Date: 06/01/2016
Client Project ID: Deluxe
York Project (SDG) No.: 16E0003

Leggette Brashears & Graham White Plains Office
4 Westchester Park Drive, Suite 175
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 May 02, 2016 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
16E0003-01	1A	Water	04/28/2016	05/02/2016
16E0003-02	1B	Water	04/28/2016	05/02/2016
16E0003-03	1C	Water	04/28/2016	05/02/2016
16E0003-04	1D	Water	04/28/2016	05/02/2016
16E0003-05	2A	Water	04/27/2016	05/02/2016
16E0003-06	2B	Water	04/27/2016	05/02/2016
16E0003-07	2C	Water	04/27/2016	05/02/2016
16E0003-08	Field Duplicate	Water	04/27/2016	05/02/2016
16E0003-09	3A	Water	04/27/2016	05/02/2016
16E0003-10	3B	Water	04/27/2016	05/02/2016
16E0003-11	3C	Water	04/27/2016	05/02/2016
16E0003-12	4A	Water	04/27/2016	05/02/2016
16E0003-13	4B	Water	04/27/2016	05/02/2016
16E0003-14	4C	Water	04/27/2016	05/02/2016
16E0003-15	5A	Water	04/27/2016	05/02/2016
16E0003-16	5D	Water	04/27/2016	05/02/2016
16E0003-17	6A	Water	04/28/2016	05/02/2016
16E0003-18	6D	Water	04/28/2016	05/02/2016
16E0003-19	7A	Water	04/28/2016	05/02/2016
16E0003-20	7D	Water	04/28/2016	05/02/2016
16E0003-21	Trip Blank	Water	04/28/2016	05/02/2016
16E0003-22	Field Blank	Water	04/28/2016	05/02/2016

General Notes for York Project (SDG) No.: 16E0003

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:



Benjamin Gulizia
Laboratory Director

Date: 06/01/2016





Sample Information

Client Sample ID: 1A

York Sample ID: 16E0003-01

York Project (SDG) No.

16E0003

Client Project ID

Deluxe

Matrix

Water

Collection Date/Time

April 28, 2016 11:20 am

Date Received

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854	05/05/2016 16:52	05/06/2016 02:46	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK



Sample Information

Client Sample ID: 1A

York Sample ID: 16E0003-01

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 11:20 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	4.0	10	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	5.0	10	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	14		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C	05/05/2016 16:52	05/06/2016 02:46	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 1A

York Sample ID: 16E0003-01

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 11:20 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
98-82-8	Isopropylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
91-20-3	Naphthalene	ND		ug/L	5.0	10	5	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854	05/05/2016 16:52	05/06/2016 02:46	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA 8260C Certifications: NELAC-NY10854	05/05/2016 16:52	05/06/2016 02:46	BK
105-05-5	p-Diethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854	05/05/2016 16:52	05/06/2016 02:46	BK
622-96-8	p-Ethyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854	05/05/2016 16:52	05/06/2016 02:46	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
127-18-4	Tetrachloroethylene	200		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
108-88-3	Toluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
79-01-6	Trichloroethylene	150		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
1330-20-7	* Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA 8260C Certifications: CTDOH,NJDEP	05/05/2016 16:52	05/06/2016 02:46	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	69-130								



Sample Information

Client Sample ID: 1A

York Sample ID: 16E0003-01

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 11:20 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	106 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	112 %			79-122						

Sample Information

Client Sample ID: 1B

York Sample ID: 16E0003-02

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 11:35 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	1.6		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	0.40	J	ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 1B

York Sample ID: 16E0003-02

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 11:35 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:11	BK



Sample Information

Client Sample ID: 1B

York Sample ID: 16E0003-02

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 28, 2016 11:35 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	1.8		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	30		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 1B

York Sample ID: 16E0003-02

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 28, 2016 11:35 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-01-6	Trichloroethylene	9.4		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:11	BK
							Certifications:	CTDOH,NJDEP			
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %		69-130							
2037-26-5	Surrogate: Toluene-d8	106 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	114 %		79-122							

Sample Information

Client Sample ID: 1C

York Sample ID: 16E0003-03

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 28, 2016 11:50 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	0.53		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	3.1		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	1.5		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 1C

York Sample ID: 16E0003-03

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 11:50 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/05/2016 16:52	05/06/2016 03:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK



Sample Information

Client Sample ID: 1C

York Sample ID: 16E0003-03

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 11:50 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/05/2016 16:52	05/06/2016 03:37	BK
							Certifications:	NELAC-NY10854			



Sample Information

Client Sample ID: 1C

York Sample ID: 16E0003-03

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 28, 2016 11:50 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/05/2016 16:52	05/06/2016 03:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
127-18-4	Tetrachloroethylene	5.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
79-01-6	Trichloroethylene	4.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/05/2016 16:52	05/06/2016 03:37	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	107 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	114 %	79-122								

Sample Information

Client Sample ID: 1D

York Sample ID: 16E0003-04

York Project (SDG) No.
16E0003

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Deluxe

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Collection Date/Time
April 28, 2016 12:40 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK



Sample Information

Client Sample ID: 1D

York Sample ID: 16E0003-04

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 28, 2016 12:40 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 1D

York Sample ID: 16E0003-04

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 28, 2016 12:40 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:23	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 1D

York Sample ID: 16E0003-04

York Project (SDG) No.
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Deluxe

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Water

Collection Date/Time
April 28, 2016 12:40 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 13:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 13:23	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 13:23	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 13:23	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
127-18-4	Tetrachloroethylene	0.89		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
79-01-6	Trichloroethylene	0.48	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 09:31	05/06/2016 13:23	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: Toluene-d8	107 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	79-122								



Sample Information

Client Sample ID: 2A

York Sample ID: 16E0003-05

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 10:50 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 2A

York Sample ID: 16E0003-05

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 10:50 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 13:49	BK
							Certifications:	NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 2A

York Sample ID: 16E0003-05

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 10:50 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 13:49	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 13:49	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 13:49	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 13:49	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 09:31	05/06/2016 13:49	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130
2037-26-5	Surrogate: Toluene-d8	107 %	81-117



Sample Information

Client Sample ID: 2A

York Sample ID: 16E0003-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0003

Deluxe

Water

April 27, 2016 10:50 am

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	117 %			79-122						

Sample Information

Client Sample ID: 2B

York Sample ID: 16E0003-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0003

Deluxe

Water

April 27, 2016 10:35 am

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 17:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK



Sample Information

Client Sample ID: 2B

York Sample ID: 16E0003-06

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 27, 2016 10:35 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK



Sample Information

Client Sample ID: 2B

York Sample ID: 16E0003-06

York Project (SDG) No.
16E0003

Client Project ID
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April 27, 2016 10:35 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:39	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 2B

York Sample ID: 16E0003-06

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 27, 2016 10:35 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 09:31	05/06/2016 17:39	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: Toluene-d8	108 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	79-122								

Sample Information

Client Sample ID: 2C

York Sample ID: 16E0003-07

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 9:25 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
71-55-6	1,1,1-Trichloroethane	0.62		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
75-34-3	1,1-Dichloroethane	3.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
75-35-4	1,1-Dichloroethylene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK



Sample Information

Client Sample ID: 2C

York Sample ID: 16E0003-07

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 9:25 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 15:05	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK



Sample Information

Client Sample ID: 2C

York Sample ID: 16E0003-07

York Project (SDG) No.
16E0003

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Deluxe

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April 27, 2016 9:25 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 15:05	BK
							Certifications:	NELAC-NY10854			



Sample Information

Client Sample ID: 2C

York Sample ID: 16E0003-07

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 27, 2016 9:25 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 15:05	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 09:31	05/06/2016 15:05	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	108 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	79-122								

Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 16E0003-08

York Project (SDG) No.
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
71-55-6	1,1,1-Trichloroethane	0.59		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 16E0003-08

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05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	3.0		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	1.4		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 16E0003-08

York Project (SDG) No.
16E0003

Client Project ID
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Collection Date/Time
April 27, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 16:48	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 16E0003-08

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 16:48	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 16:48	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 16:48	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 16:48	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 09:31	05/06/2016 16:48	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	107 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	79-122								



Sample Information

Client Sample ID: 3A

York Sample ID: 16E0003-09

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 11:15 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 3A

York Sample ID: 16E0003-09

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 11:15 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 17:13	BK
							Certifications:	NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 3A

York Sample ID: 16E0003-09

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 11:15 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 17:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 17:13	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 17:13	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 17:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 09:31	05/06/2016 17:13	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130
2037-26-5	Surrogate: Toluene-d8	106 %	81-117



Sample Information

Client Sample ID: 3A

York Sample ID: 16E0003-09

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 11:15 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	115 %			79-122						

Sample Information

Client Sample ID: 3B

York Sample ID: 16E0003-10

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 11:25 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 18:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK



Sample Information

Client Sample ID: 3B

York Sample ID: 16E0003-10

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 11:25 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:04	BK



Sample Information

Client Sample ID: 3B

York Sample ID: 16E0003-10

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 11:25 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 3B

York Sample ID: 16E0003-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0003

Deluxe

Water

April 27, 2016 11:25 am

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:04	BK
							Certifications:	CTDOH,NJDEP			
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %		69-130							
2037-26-5	Surrogate: Toluene-d8	108 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	116 %		79-122							

Sample Information

Client Sample ID: 3C

York Sample ID: 16E0003-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0003

Deluxe

Water

April 27, 2016 12:00 pm

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	0.85		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	1.2		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	0.63		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 09:31	05/06/2016 18:30	BK
							Certifications:	NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 3C

York Sample ID: 16E0003-11

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 18:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK



Sample Information

Client Sample ID: 3C

York Sample ID: 16E0003-11

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 18:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 18:30	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 18:30	BK



Sample Information

Client Sample ID: 3C

York Sample ID: 16E0003-11

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 09:31	05/06/2016 18:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 09:31	05/06/2016 18:30	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	108 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	79-122								

Sample Information

Client Sample ID: 4A

York Sample ID: 16E0003-12

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:40 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
71-55-6	1,1,1-Trichloroethane	0.59		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK



Sample Information

Client Sample ID: 4A

York Sample ID: 16E0003-12

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:40 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	0.51		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:20	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 4A

York Sample ID: 16E0003-12

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:40 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
156-59-2	cis-1,2-Dichloroethylene	0.85		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK



Sample Information

Client Sample ID: 4A

York Sample ID: 16E0003-12

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 27, 2016 12:40 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 22:20	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 22:20	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 22:20	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 22:20	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
127-18-4	Tetrachloroethylene	20		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
79-01-6	Trichloroethylene	2.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/06/2016 22:20	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %	69-130								
2037-26-5	Surrogate: Toluene-d8	107 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	115 %	79-122								



Sample Information

Client Sample ID: 4B

York Sample ID: 16E0003-13

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:55 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	2.6		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	0.37	J	ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 4B

York Sample ID: 16E0003-13

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:55 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	8.1		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 22:45	BK
							Certifications:	NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 4B

York Sample ID: 16E0003-13

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 12:55 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 22:45	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 22:45	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 22:45	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 22:45	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
127-18-4	Tetrachloroethylene	52		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
156-60-5	trans-1,2-Dichloroethylene	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
79-01-6	Trichloroethylene	18		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/06/2016 22:45	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	69-130
2037-26-5	Surrogate: Toluene-d8	108 %	81-117



Sample Information

Client Sample ID: 4B

York Sample ID: 16E0003-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0003

Deluxe

Water

April 27, 2016 12:55 pm

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	117 %			79-122						

Sample Information

Client Sample ID: 4C

York Sample ID: 16E0003-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0003

Deluxe

Water

April 27, 2016 1:35 pm

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	0.75		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	2.1		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	1.2		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 4C

York Sample ID: 16E0003-14

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Water

Collection Date/Time
April 27, 2016 1:35 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK



Sample Information

Client Sample ID: 4C

York Sample ID: 16E0003-14

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

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Collection Date/Time
April 27, 2016 1:35 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:11	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 4C

York Sample ID: 16E0003-14

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 1:35 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/06/2016 23:11	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: Toluene-d8	109 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	118 %			79-122						

Sample Information

Client Sample ID: 5A

York Sample ID: 16E0003-15

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
71-55-6	1,1,1-Trichloroethane	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
75-34-3	1,1-Dichloroethane	0.41	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK



Sample Information

Client Sample ID: 5A

York Sample ID: 16E0003-15

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 23:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK



Sample Information

Client Sample ID: 5A

York Sample ID: 16E0003-15

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	0.74		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/06/2016 23:36	BK
							Certifications:	NELAC-NY10854			



Sample Information

Client Sample ID: 5A

York Sample ID: 16E0003-15

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/06/2016 23:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
127-18-4	Tetrachloroethylene	7.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
79-01-6	Trichloroethylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/06/2016 23:36	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: Toluene-d8	107 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	117 %	79-122								

Sample Information

Client Sample ID: 5D

York Sample ID: 16E0003-16

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:35 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK



Sample Information

Client Sample ID: 5D

York Sample ID: 16E0003-16

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:35 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 5D

York Sample ID: 16E0003-16

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:35 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	3.5		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:02	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 5D

York Sample ID: 16E0003-16

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 27, 2016 3:35 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:02	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:02	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:02	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:02	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
108-88-3	Toluene	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/07/2016 00:02	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	108 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	79-122								



Sample Information

Client Sample ID: 6A

York Sample ID: 16E0003-17

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 8:00 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 6A

York Sample ID: 16E0003-17

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 8:00 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:27	BK
							Certifications:	NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 6A

York Sample ID: 16E0003-17

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 8:00 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:27	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:27	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:27	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/07/2016 00:27	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130
2037-26-5	Surrogate: Toluene-d8	109 %	81-117



Sample Information

Client Sample ID: 6A

York Sample ID: 16E0003-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0003

Deluxe

Water

April 28, 2016 8:00 am

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	116 %			79-122						

Sample Information

Client Sample ID: 6D

York Sample ID: 16E0003-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0003

Deluxe

Water

April 28, 2016 8:45 am

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 00:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK



Sample Information

Client Sample ID: 6D

York Sample ID: 16E0003-18

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 8:45 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
71-43-2	Benzene	0.27	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK



Sample Information

Client Sample ID: 6D

York Sample ID: 16E0003-18

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 8:45 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	0.34	J	ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 00:53	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 6D

York Sample ID: 16E0003-18

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 8:45 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/07/2016 00:53	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	69-130								
2037-26-5	Surrogate: Toluene-d8	108 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	117 %	79-122								

Sample Information

Client Sample ID: 7A

York Sample ID: 16E0003-19

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 9:30 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK



Sample Information

Client Sample ID: 7A

York Sample ID: 16E0003-19

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 9:30 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:19	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK



Sample Information

Client Sample ID: 7A

York Sample ID: 16E0003-19

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 9:30 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-71-8	Dichlorodifluoromethane	0.73		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:19	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:19	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:19	BK



Sample Information

Client Sample ID: 7A

York Sample ID: 16E0003-19

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 9:30 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:19	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/07/2016 01:19	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	69-130								
2037-26-5	Surrogate: Toluene-d8	108 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	79-122								

Sample Information

Client Sample ID: 7D

York Sample ID: 16E0003-20

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 10:40 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK



Sample Information

Client Sample ID: 7D

York Sample ID: 16E0003-20

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 10:40 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	0.25	J	ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 01:44	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: 7D

York Sample ID: 16E0003-20

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 10:40 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
67-64-1	Acetone	23		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK



Sample Information

Client Sample ID: 7D

York Sample ID: 16E0003-20

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 10:40 am

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:44	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:44	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 01:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/07/2016 01:44	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130
2037-26-5	Surrogate: Toluene-d8	108 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	79-122



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 16E0003-21

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 16E0003-21

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 16E0003-21

York Project (SDG) No.
16E0003

Client Project ID
Deluxe

Matrix
Water

Collection Date/Time
April 28, 2016 3:00 pm

Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:10	BK
							Certifications:	CTDOH,NJDEP			

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %	69-130
2037-26-5	Surrogate: Toluene-d8	107 %	81-117



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 16E0003-21

York Project (SDG) No.

16E0003

Client Project ID

Deluxe

Matrix

Water

Collection Date/Time

April 28, 2016 3:00 pm

Date Received

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: p-Bromofluorobenzene	114 %			79-122						

Sample Information

Client Sample ID: Field Blank

York Sample ID: 16E0003-22

York Project (SDG) No.

16E0003

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Deluxe

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Water

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Date Received

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/06/2016 16:40	05/07/2016 02:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK



Sample Information

Client Sample ID: Field Blank

York Sample ID: 16E0003-22

York Project (SDG) No.

16E0003

Client Project ID

Deluxe

Matrix

Water

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April 28, 2016 3:00 pm

Date Received

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854,NJDEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854,NJDEP			
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: Field Blank

York Sample ID: 16E0003-22

York Project (SDG) No.
16E0003

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Deluxe

Matrix
Water

Collection Date/Time
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Date Received
05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	0.29	J	ug/L	0.20	0.50	1	EPA 8260C	05/06/2016 16:40	05/07/2016 02:35	BK
							Certifications:	CTDOH,NELAC-NY10854,NJDEP			



Sample Information

Client Sample ID: Field Blank

York Sample ID: 16E0003-22

York Project (SDG) No.

16E0003

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Deluxe

Matrix

Water

Collection Date/Time

April 28, 2016 3:00 pm

Date Received

05/02/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/06/2016 16:40	05/07/2016 02:35	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	107 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	117 %	79-122								



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 **5/2/2016 2:50:00 PM** :

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

The 22 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature(s) was acceptable (2-6oC) and documented as:

Cooler 4.2 C

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



1A **Water** **No Qualifiers**

1B **Water** **No Qualifiers**

1C **Water** **No Qualifiers**

1D **Water** **Qualifiers**

Volatile Organics, 8260 List - Low Level - tert-Butyl alcohol (TBA) - The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

2A **Water** **Qualifiers**

Volatile Organics, 8260 List - Low Level - tert-Butyl alcohol (TBA) - The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

2B **Water** **Qualifiers**

Volatile Organics, 8260 List - Low Level - tert-Butyl alcohol (TBA) - The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

2C **Water** **No Qualifiers**

3A **Water** **No Qualifiers**

3B **Water** **Qualifiers**

Volatile Organics, 8260 List - Low Level - tert-Butyl alcohol (TBA) - The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

3C **Water** **Qualifiers**

Volatile Organics, 8260 List - Low Level - tert-Butyl alcohol (TBA) - The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

4A **Water** **No Qualifiers**

4B **Water** **No Qualifiers**

4C **Water** **No Qualifiers**

5A **Water** **No Qualifiers**

5D **Water** **No Qualifiers**

6A **Water** **No Qualifiers**

6D **Water** **No Qualifiers**



7A **Water** **No Qualifiers**

7D **Water** **No Qualifiers**

Field Blank **Water** **No Qualifiers**

Field Duplicate **Water** **Qualifiers**

Volatile Organics, 8260 List - Low Level - tert-Butyl alcohol (TBA) - The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Trip Blank **Water** **No Qualifiers**

QC Sample Non-Conformances

Any QC sample (LCS, MS, etc.) non-conformances are detailed on the attached pages to this narrative.

York Project/SDG no.: 16E0003 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

Date: May 31, 2016

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)

$$C_x = \frac{(A_x)(C_{is})(DF)}{(A_{is})(RRF)}$$

2. Volatiles in Air-ug/m3

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



$$C_x (\text{ug/m}^3) = \frac{(\text{ppbv} \times \text{Molecular wt.})}{(24.040)}$$

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

Soils/Waters

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)(\% \text{solids})}$$

Medium Level Soils

$$C_x = \frac{(A_x)(IS)(VT)(1000)(DF)}{(A_{is})(RRF)(VA)(V)(\% \text{solids})}$$

4. Semi-Volatiles (waters and soils)

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, uL})(V)(\% \text{solids})}$$

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

$$C_x = \frac{(A_x)(VE)(DF)}{(CF)(\text{Volume injected, uL})(V)(\% \text{solids})}$$

WHERE:

C_x = concentration of analyte as ug/L or ug/kG

A_x = Area of the characteristic ion for the compound to be measured, counts.

A_{is} = 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

C_{is} = Concentration of the internal standard spiking mixture, ppbv



Non-Conformance Data Summary

Laboratory: York Analytical Laboratories, Inc.
Project: Deluxe
Laboratory Sample ID(s): 16E0003-01 - 16E0003-22
Review Date(s): 12/30/1899 - 05/31/2016

Client: Leggette Brashears & Graham White Plains Offi
Lab Project No: 16E0003
Sampling Date(s): 04/27/2016 - 04/28/2016
Laboratory Reviewer(s): MS

QC Sample Nonconformances

Batch ID: BE60261 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BE60261-BS1	1,1,2,2-Tetrachloroethane - 79-34-5	13.1 ug/L	LCS	131	76-129	High Bias				
BE60261-BS1	Bromobenzene - 108-86-1	13.2 ug/L	LCS	132	78-129	High Bias				
BE60261-BS1	Bromoform - 75-25-2	7.77 ug/L	LCS	77.7	78-133	Low Bias				
BE60261-BS1	n-Butylbenzene - 104-51-8	13.5 ug/L	LCS	135	79-132	High Bias				
BE60261-BSD1	Acetone - 67-64-1	13.0 ug/L	LCS Dup	130	14-150		31.2	30	Non-dir.	

Batch ID: BE60298 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BE60298-BS1	Bromobenzene - 108-86-1	13.0 ug/L	LCS	130	78-129	High Bias				
BE60298-BS1	Bromoform - 75-25-2	6.79 ug/L	LCS	67.9	78-133	Low Bias				
BE60298-BS1	Dibromochloromethane - 124-48-1	7.94 ug/L	LCS	79.4	80-130	Low Bias				
BE60298-BS1	n-Butylbenzene - 104-51-8	14.1 ug/L	LCS	141	79-132	High Bias				
BE60298-BSD1	Bromoform - 75-25-2	7.46 ug/L	LCS Dup	74.6	78-133	Low Bias	9.40	30		
BE60298-BSD1	n-Butylbenzene - 104-51-8	13.7 ug/L	LCS Dup	137	79-132	High Bias	2.66	30		
BE60298-MS1	Bromoform - 75-25-2	6.30 ug/L	Matrix Spike (2C)	63.0	66-136	Low Bias				
BE60298-MS1	Dibromochloromethane - 124-48-1	7.07 ug/L	Matrix Spike (2C)	70.7	71-129	Low Bias				
BE60298-MS1	Methyl tert-butyl ether (MTBE) - 1634-04-4	7.27 ug/L	Matrix Spike (2C)	72.7	75-128	Low Bias				
BE60298-MSD1	Bromoform - 75-25-2	6.39 ug/L	Matrix Spike Dup (2C)	63.9	66-136	Low Bias	1.42	30		
BE60298-MSD1	Methyl tert-butyl ether (MTBE) - 1634-04-4	7.27 ug/L	Matrix Spike Dup (2C)	72.7	75-128	Low Bias	0.00	30		

Batch ID: BE60338 **Affected Samples:** See Batch Summary

QC Sample ID	Analyte - CAS No.	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Notes
BE60338-BS1	Bromobenzene - 108-86-1	13.0 ug/L	LCS	130	78-129	High Bias				
BE60338-BS1	Bromoform - 75-25-2	6.95 ug/L	LCS	69.5	78-133	Low Bias				
BE60338-BS1	n-Butylbenzene - 104-51-8	14.2 ug/L	LCS	142	79-132	High Bias				
BE60338-BS1	Tetrachloroethylene - 127-18-4	16.1 ug/L	LCS	161	82-131	High Bias				
BE60338-BSD1	Bromobenzene - 108-86-1	13.1 ug/L	LCS Dup	131	78-129	High Bias	0.537	30		
BE60338-BSD1	Bromoform - 75-25-2	7.61 ug/L	LCS Dup	76.1	78-133	Low Bias	9.07	30		
BE60338-BSD1	n-Butylbenzene - 104-51-8	13.8 ug/L	LCS Dup	138	79-132	High Bias	3.22	30		
BE60338-BSD1	Tetrachloroethylene - 127-18-4	10.2 ug/L	LCS Dup	102	82-131		44.6	30	Non-dir.	



Analytical Batch Summary

Batch ID: BE60261 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0003-01	1A	05/05/16
16E0003-02	1B	05/05/16
16E0003-03	1C	05/05/16
BE60261-BLK1	Blank	05/05/16
BE60261-BS1	LCS	05/05/16
BE60261-BSD1	LCS Dup	05/05/16

Batch ID: BE60298 **Preparation Method:** EPA 5030B **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
16E0003-04	1D	05/06/16
16E0003-05	2A	05/06/16
16E0003-06	2B	05/06/16
16E0003-07	2C	05/06/16
16E0003-08	Field Duplicate	05/06/16
16E0003-09	3A	05/06/16
16E0003-10	3B	05/06/16
16E0003-11	3C	05/06/16
BE60298-BLK1	Blank	05/06/16
BE60298-BS1	LCS	05/06/16
BE60298-BSD1	LCS Dup	05/06/16
BE60298-MS1	Matrix Spike	05/06/16
BE60298-MSD1	Matrix Spike Dup	05/06/16

Batch ID: BE60338 **Preparation Method:** EPA 5030B **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
16E0003-12	4A	05/06/16
16E0003-13	4B	05/06/16
16E0003-14	4C	05/06/16
16E0003-15	5A	05/06/16
16E0003-16	5D	05/06/16
16E0003-17	6A	05/06/16
16E0003-18	6D	05/06/16
16E0003-19	7A	05/06/16
16E0003-20	7D	05/06/16
16E0003-21	Trip Blank	05/06/16
16E0003-22	Field Blank	05/06/16
BE60338-BLK1	Blank	05/06/16
BE60338-BS1	LCS	05/06/16
BE60338-BSD1	LCS Dup	05/06/16



Volatile Organic Compounds by GC/MS - 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 BE60261 - EPA 5030B

Blank (BE60261-BLK1)

Prepared & Analyzed: 05/05/2016

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.34	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4,5-Tetramethylbenzene	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Butanone	ND	2.0	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"



Volatile Organic Compounds by GC/MS - 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 BE60261 - EPA 5030B

Blank (BE60261-BLK1)

Prepared & Analyzed: 05/05/2016

Methylene chloride	ND	2.0	ug/L								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	11.2		"	10.0		112	69-130				
Surrogate: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: p-Bromofluorobenzene	11.1		"	10.0		111	79-122				

LCS (BE60261-BS1)

Prepared & Analyzed: 05/05/2016

1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	9.18		"	10.0		91.8	78-136				
1,1,2,2-Tetrachloroethane	13.1		"	10.0		131	76-129	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.38		"	10.0		93.8	54-165				
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	10.0		"	10.0		100	68-138				
1,1-Dichloropropylene	10.0		"	10.0		100	83-133				
1,2,3-Trichlorobenzene	11.1		"	10.0		111	76-136				
1,2,3-Trichloropropane	12.6		"	10.0		126	77-128				
1,2,4,5-Tetramethylbenzene	11.0		"	10.0		110	85-140				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137				
1,2,4-Trimethylbenzene	12.3		"	10.0		123	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	11.5		"	10.0		115	78-126				
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131				
1,3-Dichlorobenzene	11.3		"	10.0		113	86-122				
1,3-Dichloropropane	11.7		"	10.0		117	81-125				
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124				
2,2-Dichloropropane	8.54		"	10.0		85.4	56-150				
2-Butanone	9.79		"	10.0		97.9	49-152				
2-Chlorotoluene	12.5		"	10.0		125	79-130				
2-Hexanone	11.9		"	10.0		119	51-146				
4-Chlorotoluene	12.0		"	10.0		120	79-128				



Volatile Organic Compounds by GC/MS - 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 BE60261 - EPA 5030B											
LCS (BE60261-BS1)						Prepared & Analyzed: 05/05/2016					
4-Methyl-2-pentanone	12.0		ug/L	10.0		120	57-145				
Acetone	9.52		"	10.0		95.2	14-150				
Benzene	9.94		"	10.0		99.4	85-126				
Bromobenzene	13.2		"	10.0		132	78-129	High Bias			
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	10.8		"	10.0		108	79-128				
Bromoform	7.77		"	10.0		77.7	78-133	Low Bias			
Bromomethane	9.50		"	10.0		95.0	43-168				
Carbon disulfide	9.72		"	10.0		97.2	68-146				
Carbon tetrachloride	8.76		"	10.0		87.6	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	11.3		"	10.0		113	65-136				
Chloroform	9.98		"	10.0		99.8	82-128				
Chloromethane	7.25		"	10.0		72.5	43-155				
cis-1,2-Dichloroethylene	9.92		"	10.0		99.2	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Dibromochloromethane	8.73		"	10.0		87.3	80-130				
Dibromomethane	11.2		"	10.0		112	72-134				
Dichlorodifluoromethane	10.7		"	10.0		107	44-144				
Ethyl Benzene	11.9		"	10.0		119	80-131				
Hexachlorobutadiene	10.8		"	10.0		108	67-146				
Isopropylbenzene	11.2		"	10.0		112	76-140				
Methyl tert-butyl ether (MTBE)	9.00		"	10.0		90.0	76-135				
Methylene chloride	9.62		"	10.0		96.2	55-137				
Naphthalene	11.6		"	10.0		116	70-147				
n-Butylbenzene	13.5		"	10.0		135	79-132	High Bias			
n-Propylbenzene	12.2		"	10.0		122	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	23.9		"	20.0		119	77-133				
p-Diethylbenzene	12.1		"	10.0		121	84-134				
p-Ethyltoluene	12.3		"	10.0		123	88-129				
p-Isopropyltoluene	12.1		"	10.0		121	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	11.8		"	10.0		118	67-132				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	9.77		"	10.0		97.7	82-131				
Toluene	11.2		"	10.0		112	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	13.0		"	10.0		130	67-139				
Vinyl Chloride	9.98		"	10.0		99.8	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BE60261 - EPA 5030B											
LCS Dup (BE60261-BSD1)						Prepared & Analyzed: 05/05/2016					
1,1,1,2-Tetrachloroethane	9.92		ug/L	10.0		99.2	82-126		2.09	30	
1,1,1-Trichloroethane	9.05		"	10.0		90.5	78-136		1.43	30	
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	76-129		8.50	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.06		"	10.0		90.6	54-165		3.47	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		0.932	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		1.42	30	
1,1-Dichloroethylene	9.77		"	10.0		97.7	68-138		2.53	30	
1,1-Dichloropropylene	9.85		"	10.0		98.5	83-133		2.01	30	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	76-136		3.95	30	
1,2,3-Trichloropropane	11.9		"	10.0		119	77-128		5.22	30	
1,2,4,5-Tetramethylbenzene	10.4		"	10.0		104	85-140		5.68	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137		5.11	30	
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132		4.05	30	
1,2-Dibromo-3-chloropropane	9.82		"	10.0		98.2	45-147		7.55	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		0.569	30	
1,2-Dichlorobenzene	11.7		"	10.0		117	79-123		6.83	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		1.86	30	
1,2-Dichloropropane	11.2		"	10.0		112	78-126		2.56	30	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131		4.89	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		4.32	30	
1,3-Dichloropropane	11.7		"	10.0		117	81-125		0.0857	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		4.48	30	
2,2-Dichloropropane	8.35		"	10.0		83.5	56-150		2.25	30	
2-Butanone	11.5		"	10.0		115	49-152		16.4	30	
2-Chlorotoluene	12.0		"	10.0		120	79-130		3.93	30	
2-Hexanone	12.3		"	10.0		123	51-146		2.73	30	
4-Chlorotoluene	11.4		"	10.0		114	79-128		5.03	30	
4-Methyl-2-pentanone	11.9		"	10.0		119	57-145		0.585	30	
Acetone	13.0		"	10.0		130	14-150		31.2	30	Non-dir.
Benzene	9.81		"	10.0		98.1	85-126		1.32	30	
Bromobenzene	12.5		"	10.0		125	78-129		5.30	30	
Bromochloromethane	10.2		"	10.0		102	77-128		2.61	30	
Bromodichloromethane	10.9		"	10.0		109	79-128		0.368	30	
Bromoform	7.83		"	10.0		78.3	78-133		0.769	30	
Bromomethane	9.90		"	10.0		99.0	43-168		4.12	30	
Carbon disulfide	9.49		"	10.0		94.9	68-146		2.39	30	
Carbon tetrachloride	8.52		"	10.0		85.2	77-141		2.78	30	
Chlorobenzene	10.0		"	10.0		100	88-120		1.78	30	
Chloroethane	11.4		"	10.0		114	65-136		0.965	30	
Chloroform	10.1		"	10.0		101	82-128		0.798	30	
Chloromethane	7.39		"	10.0		73.9	43-155		1.91	30	
cis-1,2-Dichloroethylene	9.84		"	10.0		98.4	83-129		0.810	30	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131		0.190	30	
Dibromochloromethane	8.74		"	10.0		87.4	80-130		0.114	30	
Dibromomethane	11.3		"	10.0		113	72-134		0.802	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		4.70	30	
Ethyl Benzene	11.6		"	10.0		116	80-131		2.73	30	
Hexachlorobutadiene	10.2		"	10.0		102	67-146		5.33	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		4.01	30	
Methyl tert-butyl ether (MTBE)	9.24		"	10.0		92.4	76-135		2.63	30	
Methylene chloride	9.64		"	10.0		96.4	55-137		0.208	30	



Volatile Organic Compounds by GC/MS - 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 BE60261 - EPA 5030B

LCS Dup (BE60261-BSD1)

Prepared & Analyzed: 05/05/2016

Naphthalene	11.3		ug/L	10.0		113	70-147		2.54	30	
n-Butylbenzene	12.8		"	10.0		128	79-132		4.87	30	
n-Propylbenzene	11.7		"	10.0		117	78-133		4.09	30	
o-Xylene	10.9		"	10.0		109	78-130		2.80	30	
p- & m- Xylenes	23.3		"	20.0		116	77-133		2.50	30	
p-Diethylbenzene	11.4		"	10.0		114	84-134		5.54	30	
p-Ethyltoluene	11.5		"	10.0		115	88-129		6.30	30	
p-Isopropyltoluene	11.5		"	10.0		115	81-136		4.49	30	
sec-Butylbenzene	10.7		"	10.0		107	79-137		5.30	30	
Styrene	11.5		"	10.0		115	67-132		2.49	30	
tert-Butylbenzene	10.2		"	10.0		102	77-138		5.15	30	
Tetrachloroethylene	12.6		"	10.0		126	82-131		25.4	30	
Toluene	11.0		"	10.0		110	80-127		1.89	30	
trans-1,2-Dichloroethylene	9.96		"	10.0		99.6	80-132		0.999	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131		0.197	30	
Trichloroethylene	10.6		"	10.0		106	82-128		2.24	30	
Trichlorofluoromethane	12.3		"	10.0		123	67-139		5.22	30	
Vinyl Chloride	9.81		"	10.0		98.1	58-145		1.72	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.2</i>		<i>"</i>	<i>10.0</i>		<i>112</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>79-122</i>				

Batch BE60298 - EPA 5030B

Blank (BE60298-BLK1)

Prepared & Analyzed: 05/06/2016

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.35	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4,5-Tetramethylbenzene	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Butanone	ND	2.0	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"



Volatile Organic Compounds by GC/MS - 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 BE60298 - EPA 5030B

Blank (BE60298-BLK1)

Prepared & Analyzed: 05/06/2016

4-Methyl-2-pentanone	ND	0.50	ug/L								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: p-Bromofluorobenzene	11.4		"	10.0		114	79-122				



Volatile Organic Compounds by GC/MS - 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 BE60298 - EPA 5030B											
LCS (BE60298-BS1)						Prepared & Analyzed: 05/06/2016					
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	82-126				
1,1,1-Trichloroethane	9.05		"	10.0		90.5	78-136				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.93		"	10.0		89.3	54-165				
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	9.82		"	10.0		98.2	68-138				
1,1-Dichloropropylene	9.86		"	10.0		98.6	83-133				
1,2,3-Trichlorobenzene	9.36		"	10.0		93.6	76-136				
1,2,3-Trichloropropane	11.1		"	10.0		111	77-128				
1,2,4,5-Tetramethylbenzene	10.7		"	10.0		107	85-140				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137				
1,2,4-Trimethylbenzene	12.6		"	10.0		126	82-132				
1,2-Dibromo-3-chloropropane	9.04		"	10.0		90.4	45-147				
1,2-Dibromoethane	9.59		"	10.0		95.9	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	9.92		"	10.0		99.2	73-132				
1,2-Dichloropropane	11.3		"	10.0		113	78-126				
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131				
1,3-Dichlorobenzene	11.2		"	10.0		112	86-122				
1,3-Dichloropropane	10.9		"	10.0		109	81-125				
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124				
2,2-Dichloropropane	9.58		"	10.0		95.8	56-150				
2-Butanone	7.48		"	10.0		74.8	49-152				
2-Chlorotoluene	12.8		"	10.0		128	79-130				
2-Hexanone	9.99		"	10.0		99.9	51-146				
4-Chlorotoluene	12.2		"	10.0		122	79-128				
4-Methyl-2-pentanone	10.2		"	10.0		102	57-145				
Acetone	8.12		"	10.0		81.2	14-150				
Benzene	9.59		"	10.0		95.9	85-126				
Bromobenzene	13.0		"	10.0		130	78-129	High Bias			
Bromochloromethane	9.64		"	10.0		96.4	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	6.79		"	10.0		67.9	78-133	Low Bias			
Bromomethane	10.0		"	10.0		100	43-168				
Carbon disulfide	9.32		"	10.0		93.2	68-146				
Carbon tetrachloride	8.50		"	10.0		85.0	77-141				
Chlorobenzene	9.95		"	10.0		99.5	88-120				
Chloroethane	10.9		"	10.0		109	65-136				
Chloroform	9.76		"	10.0		97.6	82-128				
Chloromethane	6.99		"	10.0		69.9	43-155				
cis-1,2-Dichloroethylene	9.84		"	10.0		98.4	83-129				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131				
Dibromochloromethane	7.94		"	10.0		79.4	80-130	Low Bias			
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	10.2		"	10.0		102	44-144				
Ethyl Benzene	12.0		"	10.0		120	80-131				
Hexachlorobutadiene	10.2		"	10.0		102	67-146				
Isopropylbenzene	11.5		"	10.0		115	76-140				
Methyl tert-butyl ether (MTBE)	8.08		"	10.0		80.8	76-135				
Methylene chloride	10.3		"	10.0		103	55-137				



Volatile Organic Compounds by GC/MS - 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 BE60298 - EPA 5030B

LCS (BE60298-BS1)

Prepared & Analyzed: 05/06/2016

Naphthalene	9.37		ug/L	10.0		93.7	70-147				
n-Butylbenzene	14.1		"	10.0		141	79-132	High Bias			
n-Propylbenzene	12.6		"	10.0		126	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	24.1		"	20.0		121	77-133				
p-Diethylbenzene	12.3		"	10.0		123	84-134				
p-Ethyltoluene	12.2		"	10.0		122	88-129				
p-Isopropyltoluene	12.2		"	10.0		122	81-136				
sec-Butylbenzene	11.5		"	10.0		115	79-137				
Styrene	11.3		"	10.0		113	67-132				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	9.23		"	10.0		92.3	82-131				
Toluene	11.2		"	10.0		112	80-127				
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	80-132				
trans-1,3-Dichloropropylene	9.78		"	10.0		97.8	78-131				
Trichloroethylene	10.9		"	10.0		109	82-128				
Trichlorofluoromethane	13.2		"	10.0		132	67-139				
Vinyl Chloride	9.95		"	10.0		99.5	58-145				

Surrogate: 1,2-Dichloroethane-d4

10.3

"

10.0

103

69-130

Surrogate: Toluene-d8

10.7

"

10.0

107

81-117

Surrogate: p-Bromofluorobenzene

11.1

"

10.0

111

79-122

LCS Dup (BE60298-BSD1)

Prepared & Analyzed: 05/06/2016

1,1,1,2-Tetrachloroethane	9.77		ug/L	10.0		97.7	82-126		2.38	30	
1,1,1-Trichloroethane	8.99		"	10.0		89.9	78-136		0.665	30	
1,1,2,2-Tetrachloroethane	12.3		"	10.0		123	76-129		7.66	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.88		"	10.0		88.8	54-165		0.561	30	
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123		6.66	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		0.0966	30	
1,1-Dichloroethylene	9.72		"	10.0		97.2	68-138		1.02	30	
1,1-Dichloropropylene	9.80		"	10.0		98.0	83-133		0.610	30	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-136		9.56	30	
1,2,3-Trichloropropane	11.8		"	10.0		118	77-128		6.27	30	
1,2,4,5-Tetramethylbenzene	10.6		"	10.0		106	85-140		0.658	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137		5.01	30	
1,2,4-Trimethylbenzene	12.2		"	10.0		122	82-132		3.31	30	
1,2-Dibromo-3-chloropropane	9.68		"	10.0		96.8	45-147		6.84	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		5.67	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	79-123		1.24	30	
1,2-Dichloroethane	10.6		"	10.0		106	73-132		6.25	30	
1,2-Dichloropropane	11.4		"	10.0		114	78-126		1.41	30	
1,3,5-Trimethylbenzene	11.8		"	10.0		118	80-131		3.08	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		2.54	30	
1,3-Dichloropropane	11.5		"	10.0		115	81-125		5.90	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		1.69	30	
2,2-Dichloropropane	9.56		"	10.0		95.6	56-150		0.209	30	
2-Butanone	9.09		"	10.0		90.9	49-152		19.4	30	
2-Chlorotoluene	12.3		"	10.0		123	79-130		3.74	30	
2-Hexanone	11.2		"	10.0		112	51-146		11.6	30	
4-Chlorotoluene	11.9		"	10.0		119	79-128		2.50	30	
4-Methyl-2-pentanone	11.3		"	10.0		113	57-145		10.3	30	
Acetone	8.93		"	10.0		89.3	14-150		9.50	30	



Volatile Organic Compounds by GC/MS - 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 BE60298 - EPA 5030B											
LCS Dup (BE60298-BSD1)						Prepared & Analyzed: 05/06/2016					
Benzene	9.72		ug/L	10.0		97.2	85-126		1.35	30	
Bromobenzene	12.8		"	10.0		128	78-129		1.62	30	
Bromochloromethane	10.0		"	10.0		100	77-128		3.87	30	
Bromodichloromethane	11.0		"	10.0		110	79-128		2.67	30	
Bromoform	7.46		"	10.0		74.6	78-133	Low Bias	9.40	30	
Bromomethane	10.9		"	10.0		109	43-168		7.93	30	
Carbon disulfide	9.27		"	10.0		92.7	68-146		0.538	30	
Carbon tetrachloride	8.43		"	10.0		84.3	77-141		0.827	30	
Chlorobenzene	9.95		"	10.0		99.5	88-120		0.00	30	
Chloroethane	10.6		"	10.0		106	65-136		2.41	30	
Chloroform	9.86		"	10.0		98.6	82-128		1.02	30	
Chloromethane	7.46		"	10.0		74.6	43-155		6.51	30	
cis-1,2-Dichloroethylene	9.91		"	10.0		99.1	83-129		0.709	30	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131		2.93	30	
Dibromochloromethane	8.40		"	10.0		84.0	80-130		5.63	30	
Dibromomethane	10.8		"	10.0		108	72-134		3.30	30	
Dichlorodifluoromethane	9.85		"	10.0		98.5	44-144		3.10	30	
Ethyl Benzene	11.8		"	10.0		118	80-131		1.51	30	
Hexachlorobutadiene	10.6		"	10.0		106	67-146		3.93	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		4.25	30	
Methyl tert-butyl ether (MTBE)	8.77		"	10.0		87.7	76-135		8.19	30	
Methylene chloride	10.4		"	10.0		104	55-137		1.55	30	
Naphthalene	10.6		"	10.0		106	70-147		12.0	30	
n-Butylbenzene	13.7		"	10.0		137	79-132	High Bias	2.66	30	
n-Propylbenzene	12.1		"	10.0		121	78-133		4.04	30	
o-Xylene	11.1		"	10.0		111	78-130		0.631	30	
p- & m- Xylenes	24.1		"	20.0		120	77-133		0.291	30	
p-Diethylbenzene	12.0		"	10.0		120	84-134		2.63	30	
p-Ethyltoluene	11.8		"	10.0		118	88-129		3.17	30	
p-Isopropyltoluene	11.8		"	10.0		118	81-136		3.17	30	
sec-Butylbenzene	11.0		"	10.0		110	79-137		3.90	30	
Styrene	11.5		"	10.0		115	67-132		2.19	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		4.37	30	
Tetrachloroethylene	9.03		"	10.0		90.3	82-131		2.19	30	
Toluene	11.1		"	10.0		111	80-127		0.984	30	
trans-1,2-Dichloroethylene	9.75		"	10.0		97.5	80-132		0.715	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		4.60	30	
Trichloroethylene	10.7		"	10.0		107	82-128		1.48	30	
Trichlorofluoromethane	12.8		"	10.0		128	67-139		3.23	30	
Vinyl Chloride	9.87		"	10.0		98.7	58-145		0.807	30	
Surrogate: 1,2-Dichloroethane-d4	10.9		"	10.0		109	69-130				
Surrogate: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: p-Bromofluorobenzene	10.9		"	10.0		109	79-122				



Volatile Organic Compounds by GC/MS - 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 BE60298 - EPA 5030B											
Matrix Spike (BE60298-MS1)	*Source sample: 16E0003-07 (2C)						Prepared & Analyzed: 05/06/2016				
1,1,1,2-Tetrachloroethane	8.51		ug/L	10.0	ND	85.1	45-161				
1,1,1-Trichloroethane	8.72		"	10.0	0.620	81.0	70-146				
1,1,2,2-Tetrachloroethane	10.5		"	10.0	ND	105	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	6.82		"	10.0	ND	68.2	21-217				
1,1,2-Trichloroethane	9.40		"	10.0	ND	94.0	59-146				
1,1-Dichloroethane	12.2		"	10.0	3.04	92.0	54-146				
1,1-Dichloroethylene	9.75		"	10.0	1.41	83.4	44-165				
1,1-Dichloropropylene	8.47		"	10.0	ND	84.7	82-134				
1,2,3-Trichlorobenzene	7.92		"	10.0	ND	79.2	40-161				
1,2,3-Trichloropropane	10.3		"	10.0	ND	103	74-127				
1,2,4,5-Tetramethylbenzene	8.35		"	10.0	ND	83.5	27-190				
1,2,4-Trichlorobenzene	8.05		"	10.0	ND	80.5	41-161				
1,2,4-Trimethylbenzene	10.3		"	10.0	ND	103	72-129				
1,2-Dibromo-3-chloropropane	8.42		"	10.0	ND	84.2	31-151				
1,2-Dibromoethane	8.71		"	10.0	ND	87.1	75-125				
1,2-Dichlorobenzene	8.87		"	10.0	ND	88.7	63-122				
1,2-Dichloroethane	9.23		"	10.0	ND	92.3	68-131				
1,2-Dichloropropane	10.1		"	10.0	ND	101	77-121				
1,3,5-Trimethylbenzene	10.1		"	10.0	ND	101	69-126				
1,3-Dichlorobenzene	9.02		"	10.0	ND	90.2	74-119				
1,3-Dichloropropane	10.2		"	10.0	ND	102	77-119				
1,4-Dichlorobenzene	8.67		"	10.0	ND	86.7	70-124				
2,2-Dichloropropane	7.99		"	10.0	ND	79.9	10-160				
2-Butanone	7.38		"	10.0	ND	73.8	10-193				
2-Chlorotoluene	10.6		"	10.0	ND	106	70-126				
2-Hexanone	9.64		"	10.0	ND	96.4	53-133				
4-Chlorotoluene	10.0		"	10.0	ND	100	69-124				
4-Methyl-2-pentanone	9.74		"	10.0	ND	97.4	38-150				
Acetone	6.22		"	10.0	ND	62.2	13-149				
Benzene	8.35		"	10.0	ND	83.5	38-155				
Bromobenzene	11.2		"	10.0	ND	112	72-122				
Bromochloromethane	8.85		"	10.0	ND	88.5	75-121				
Bromodichloromethane	9.58		"	10.0	ND	95.8	70-129				
Bromoform	6.30		"	10.0	ND	63.0	66-136	Low Bias			
Bromomethane	8.97		"	10.0	ND	89.7	30-158				
Carbon disulfide	7.42		"	10.0	ND	74.2	10-138				
Carbon tetrachloride	7.43		"	10.0	ND	74.3	71-146				
Chlorobenzene	8.64		"	10.0	ND	86.4	81-117				
Chloroethane	8.85		"	10.0	ND	88.5	51-145				
Chloroform	8.75		"	10.0	ND	87.5	80-124				
Chloromethane	5.15		"	10.0	ND	51.5	16-163				
cis-1,2-Dichloroethylene	8.53		"	10.0	ND	85.3	76-125				
cis-1,3-Dichloropropylene	9.02		"	10.0	ND	90.2	58-131				
Dibromochloromethane	7.07		"	10.0	ND	70.7	71-129	Low Bias			
Dibromomethane	9.59		"	10.0	ND	95.9	76-120				
Dichlorodifluoromethane	4.88		"	10.0	ND	48.8	30-147				
Ethyl Benzene	10.4		"	10.0	ND	104	72-128				
Hexachlorobutadiene	8.27		"	10.0	ND	82.7	34-166				
Isopropylbenzene	9.40		"	10.0	ND	94.0	66-139				
Methyl tert-butyl ether (MTBE)	7.27		"	10.0	ND	72.7	75-128	Low Bias			
Methylene chloride	7.98		"	10.0	ND	79.8	57-128				



Volatile Organic Compounds by GC/MS - 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 BE60298 - EPA 5030B

Matrix Spike (BE60298-MS1)		*Source sample: 16E0003-07 (2C)				Prepared & Analyzed: 05/06/2016					
Naphthalene	8.47		ug/L	10.0	ND	84.7	39-158				
n-Butylbenzene	11.1		"	10.0	ND	111	61-138				
n-Propylbenzene	10.2		"	10.0	ND	102	66-134				
o-Xylene	9.83		"	10.0	ND	98.3	69-126				
p- & m- Xylenes	20.8		"	20.0	ND	104	67-130				
p-Diethylbenzene	9.60		"	10.0	ND	96.0	52-150				
p-Ethyltoluene	10.1		"	10.0	ND	101	76-127				
p-Isopropyltoluene	9.83		"	10.0	ND	98.3	64-137				
sec-Butylbenzene	9.54		"	10.0	ND	95.4	53-155				
Styrene	9.95		"	10.0	ND	99.5	69-125				
tert-Butylbenzene	9.07		"	10.0	ND	90.7	65-139				
Tetrachloroethylene	7.37		"	10.0	ND	73.7	64-139				
Toluene	9.77		"	10.0	ND	97.7	76-123				
trans-1,2-Dichloroethylene	8.39		"	10.0	ND	83.9	79-131				
trans-1,3-Dichloropropylene	8.73		"	10.0	ND	87.3	55-130				
Trichloroethylene	9.15		"	10.0	ND	91.5	53-145				
Trichlorofluoromethane	11.1		"	10.0	ND	111	61-142				
Vinyl Chloride	7.12		"	10.0	ND	71.2	31-165				
Surrogate: 1,2-Dichloroethane-d4	11.2		"	10.0		112	69-130				
Surrogate: Toluene-d8	10.6		"	10.0		106	81-117				
Surrogate: p-Bromofluorobenzene	10.9		"	10.0		109	79-122				

Matrix Spike Dup (BE60298-MSD1)		*Source sample: 16E0003-07 (2C)				Prepared & Analyzed: 05/06/2016					
1,1,1,2-Tetrachloroethane	8.96		ug/L	10.0	ND	89.6	45-161		5.15	30	
1,1,1-Trichloroethane	8.90		"	10.0	0.620	82.8	70-146		2.20	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0	ND	108	74-121		1.97	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	6.87		"	10.0	ND	68.7	21-217		0.730	30	
1,1,2-Trichloroethane	9.45		"	10.0	ND	94.5	59-146		0.531	30	
1,1-Dichloroethane	12.3		"	10.0	3.04	92.6	54-146		0.650	30	
1,1-Dichloroethylene	9.90		"	10.0	1.41	84.9	44-165		1.78	30	
1,1-Dichloropropylene	8.61		"	10.0	ND	86.1	82-134		1.64	30	
1,2,3-Trichlorobenzene	8.29		"	10.0	ND	82.9	40-161		4.57	30	
1,2,3-Trichloropropane	10.6		"	10.0	ND	106	74-127		2.30	30	
1,2,4,5-Tetramethylbenzene	8.93		"	10.0	ND	89.3	27-190		6.71	30	
1,2,4-Trichlorobenzene	8.37		"	10.0	ND	83.7	41-161		3.90	30	
1,2,4-Trimethylbenzene	11.0		"	10.0	ND	110	72-129		6.84	30	
1,2-Dibromo-3-chloropropane	8.37		"	10.0	ND	83.7	31-151		0.596	30	
1,2-Dibromoethane	8.94		"	10.0	ND	89.4	75-125		2.61	30	
1,2-Dichlorobenzene	9.31		"	10.0	ND	93.1	63-122		4.84	30	
1,2-Dichloroethane	9.27		"	10.0	ND	92.7	68-131		0.432	30	
1,2-Dichloropropane	10.7		"	10.0	ND	107	77-121		5.97	30	
1,3,5-Trimethylbenzene	10.8		"	10.0	ND	108	69-126		6.80	30	
1,3-Dichlorobenzene	9.57		"	10.0	ND	95.7	74-119		5.92	30	
1,3-Dichloropropane	10.4		"	10.0	ND	104	77-119		1.36	30	
1,4-Dichlorobenzene	9.16		"	10.0	ND	91.6	70-124		5.50	30	
2,2-Dichloropropane	8.17		"	10.0	ND	81.7	10-160		2.23	30	
2-Butanone	6.17		"	10.0	ND	61.7	10-193		17.9	30	
2-Chlorotoluene	11.3		"	10.0	ND	113	70-126		6.48	30	
2-Hexanone	9.49		"	10.0	ND	94.9	53-133		1.57	30	
4-Chlorotoluene	10.7		"	10.0	ND	107	69-124		5.99	30	
4-Methyl-2-pentanone	9.57		"	10.0	ND	95.7	38-150		1.76	30	
Acetone	6.14		"	10.0	ND	61.4	13-149		1.29	30	



Volatile Organic Compounds by GC/MS - 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 BE60298 - EPA 5030B											
Matrix Spike Dup (BE60298-MSD1)	*Source sample: 16E0003-07 (2C)						Prepared & Analyzed: 05/06/2016				
Benzene	8.74		ug/L	10.0	ND	87.4	38-155		4.56	30	
Bromobenzene	11.7		"	10.0	ND	117	72-122		4.37	30	
Bromochloromethane	8.67		"	10.0	ND	86.7	75-121		2.05	30	
Bromodichloromethane	10.1		"	10.0	ND	101	70-129		5.09	30	
Bromoform	6.39		"	10.0	ND	63.9	66-136	Low Bias	1.42	30	
Bromomethane	10.2		"	10.0	ND	102	30-158		12.7	30	
Carbon disulfide	7.80		"	10.0	ND	78.0	10-138		4.99	30	
Carbon tetrachloride	7.65		"	10.0	ND	76.5	71-146		2.92	30	
Chlorobenzene	9.14		"	10.0	ND	91.4	81-117		5.62	30	
Chloroethane	9.54		"	10.0	ND	95.4	51-145		7.50	30	
Chloroform	8.97		"	10.0	ND	89.7	80-124		2.48	30	
Chloromethane	6.20		"	10.0	ND	62.0	16-163		18.5	30	
cis-1,2-Dichloroethylene	8.82		"	10.0	ND	88.2	76-125		3.34	30	
cis-1,3-Dichloropropylene	9.60		"	10.0	ND	96.0	58-131		6.23	30	
Dibromochloromethane	7.42		"	10.0	ND	74.2	71-129		4.83	30	
Dibromomethane	9.87		"	10.0	ND	98.7	76-120		2.88	30	
Dichlorodifluoromethane	4.93		"	10.0	ND	49.3	30-147		1.02	30	
Ethyl Benzene	11.0		"	10.0	ND	110	72-128		4.96	30	
Hexachlorobutadiene	8.67		"	10.0	ND	86.7	34-166		4.72	30	
Isopropylbenzene	10.2		"	10.0	ND	102	66-139		7.97	30	
Methyl tert-butyl ether (MTBE)	7.27		"	10.0	ND	72.7	75-128	Low Bias	0.00	30	
Methylene chloride	8.11		"	10.0	ND	81.1	57-128		1.62	30	
Naphthalene	8.82		"	10.0	ND	88.2	39-158		4.05	30	
n-Butylbenzene	11.6		"	10.0	ND	116	61-138		4.66	30	
n-Propylbenzene	11.0		"	10.0	ND	110	66-134		6.79	30	
o-Xylene	10.4		"	10.0	ND	104	69-126		5.15	30	
p- & m- Xylenes	21.8		"	20.0	ND	109	67-130		4.68	30	
p-Diethylbenzene	10.2		"	10.0	ND	102	52-150		6.45	30	
p-Ethyltoluene	10.8		"	10.0	ND	108	76-127		6.82	30	
p-Isopropyltoluene	10.5		"	10.0	ND	105	64-137		6.69	30	
sec-Butylbenzene	10.2		"	10.0	ND	102	53-155		6.49	30	
Styrene	10.5		"	10.0	ND	105	69-125		5.28	30	
tert-Butylbenzene	9.73		"	10.0	ND	97.3	65-139		7.02	30	
Tetrachloroethylene	7.81		"	10.0	ND	78.1	64-139		5.80	30	
Toluene	10.3		"	10.0	ND	103	76-123		5.18	30	
trans-1,2-Dichloroethylene	8.66		"	10.0	ND	86.6	79-131		3.17	30	
trans-1,3-Dichloropropylene	9.10		"	10.0	ND	91.0	55-130		4.15	30	
Trichloroethylene	9.84		"	10.0	ND	98.4	53-145		7.27	30	
Trichlorofluoromethane	11.1		"	10.0	ND	111	61-142		0.360	30	
Vinyl Chloride	7.77		"	10.0	ND	77.7	31-165		8.73	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.0</i>		<i>"</i>	<i>10.0</i>		<i>110</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - 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 BE60338 - EPA 5030B											
Blank (BE60338-BLK1)										Prepared & Analyzed: 05/06/2016	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.40	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								



Volatile Organic Compounds by GC/MS - 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 BE60338 - EPA 5030B

Blank (BE60338-BLK1)

Prepared & Analyzed: 05/06/2016

Naphthalene	ND	2.0	ug/L
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Diethylbenzene	ND	0.50	"
p-Ethyltoluene	ND	0.50	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>69-130</i>
<i>Surrogate: Toluene-d8</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>81-117</i>
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.6</i>		<i>"</i>	<i>10.0</i>		<i>116</i>	<i>79-122</i>

LCS (BE60338-BS1)

Prepared & Analyzed: 05/06/2016

1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82-126
1,1,1-Trichloroethane	8.93		"	10.0		89.3	78-136
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.89		"	10.0		88.9	54-165
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123
1,1-Dichloroethane	10.4		"	10.0		104	82-129
1,1-Dichloroethylene	9.86		"	10.0		98.6	68-138
1,1-Dichloropropylene	9.86		"	10.0		98.6	83-133
1,2,3-Trichlorobenzene	9.68		"	10.0		96.8	76-136
1,2,3-Trichloropropane	11.3		"	10.0		113	77-128
1,2,4,5-Tetramethylbenzene	10.8		"	10.0		108	85-140
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137
1,2,4-Trimethylbenzene	12.5		"	10.0		125	82-132
1,2-Dibromo-3-chloropropane	9.10		"	10.0		91.0	45-147
1,2-Dibromoethane	9.71		"	10.0		97.1	83-124
1,2-Dichlorobenzene	10.6		"	10.0		106	79-123
1,2-Dichloroethane	10.4		"	10.0		104	73-132
1,2-Dichloropropane	11.3		"	10.0		113	78-126
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131
1,3-Dichlorobenzene	11.1		"	10.0		111	86-122
1,3-Dichloropropane	11.2		"	10.0		112	81-125
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124
2,2-Dichloropropane	8.54		"	10.0		85.4	56-150
2-Butanone	10.2		"	10.0		102	49-152
2-Chlorotoluene	12.8		"	10.0		128	79-130
2-Hexanone	11.7		"	10.0		117	51-146
4-Chlorotoluene	12.2		"	10.0		122	79-128
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145



Volatile Organic Compounds by GC/MS - 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 BE60338 - EPA 5030B											
LCS (BE60338-BS1)						Prepared & Analyzed: 05/06/2016					
Acetone	13.4		ug/L	10.0		134	14-150				
Benzene	9.75		"	10.0		97.5	85-126				
Bromobenzene	13.0		"	10.0		130	78-129	High Bias			
Bromochloromethane	9.77		"	10.0		97.7	77-128				
Bromodichloromethane	10.9		"	10.0		109	79-128				
Bromoform	6.95		"	10.0		69.5	78-133	Low Bias			
Bromomethane	11.2		"	10.0		112	43-168				
Carbon disulfide	9.19		"	10.0		91.9	68-146				
Carbon tetrachloride	8.42		"	10.0		84.2	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	11.8		"	10.0		118	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	7.58		"	10.0		75.8	43-155				
cis-1,2-Dichloroethylene	9.74		"	10.0		97.4	83-129				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131				
Dibromochloromethane	8.09		"	10.0		80.9	80-130				
Dibromomethane	10.7		"	10.0		107	72-134				
Dichlorodifluoromethane	10.1		"	10.0		101	44-144				
Ethyl Benzene	12.1		"	10.0		121	80-131				
Hexachlorobutadiene	10.4		"	10.0		104	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl tert-butyl ether (MTBE)	8.21		"	10.0		82.1	76-135				
Methylene chloride	9.93		"	10.0		99.3	55-137				
Naphthalene	9.80		"	10.0		98.0	70-147				
n-Butylbenzene	14.2		"	10.0		142	79-132	High Bias			
n-Propylbenzene	12.5		"	10.0		125	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	24.3		"	20.0		122	77-133				
p-Diethylbenzene	12.5		"	10.0		125	84-134				
p-Ethyltoluene	12.1		"	10.0		121	88-129				
p-Isopropyltoluene	12.2		"	10.0		122	81-136				
sec-Butylbenzene	11.4		"	10.0		114	79-137				
Styrene	11.6		"	10.0		116	67-132				
tert-Butylbenzene	10.7		"	10.0		107	77-138				
Tetrachloroethylene	16.1		"	10.0		161	82-131	High Bias			
Toluene	11.3		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	9.80		"	10.0		98.0	80-132				
trans-1,3-Dichloropropylene	9.73		"	10.0		97.3	78-131				
Trichloroethylene	11.2		"	10.0		112	82-128				
Trichlorofluoromethane	13.7		"	10.0		137	67-139				
Vinyl Chloride	10.1		"	10.0		101	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.0</i>		<i>"</i>	<i>10.0</i>		<i>110</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - 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 BE60338 - EPA 5030B											
LCS Dup (BE60338-BSD1)						Prepared & Analyzed: 05/06/2016					
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82-126		0.412	30	
1,1,1-Trichloroethane	9.03		"	10.0		90.3	78-136		1.11	30	
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	76-129		8.29	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.98		"	10.0		89.8	54-165		1.01	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		5.48	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		0.00	30	
1,1-Dichloroethylene	9.89		"	10.0		98.9	68-138		0.304	30	
1,1-Dichloropropylene	9.90		"	10.0		99.0	83-133		0.405	30	
1,2,3-Trichlorobenzene	10.0		"	10.0		100	76-136		3.75	30	
1,2,3-Trichloropropane	12.0		"	10.0		120	77-128		6.18	30	
1,2,4,5-Tetramethylbenzene	10.6		"	10.0		106	85-140		1.87	30	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137		2.94	30	
1,2,4-Trimethylbenzene	12.4		"	10.0		124	82-132		0.723	30	
1,2-Dibromo-3-chloropropane	9.53		"	10.0		95.3	45-147		4.62	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		5.31	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	79-123		0.284	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		4.05	30	
1,2-Dichloropropane	11.5		"	10.0		115	78-126		1.31	30	
1,3,5-Trimethylbenzene	12.0		"	10.0		120	80-131		0.993	30	
1,3-Dichlorobenzene	11.1		"	10.0		111	86-122		0.0900	30	
1,3-Dichloropropane	11.7		"	10.0		117	81-125		4.18	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		1.04	30	
2,2-Dichloropropane	8.51		"	10.0		85.1	56-150		0.352	30	
2-Butanone	9.68		"	10.0		96.8	49-152		5.33	30	
2-Chlorotoluene	12.7		"	10.0		127	79-130		0.864	30	
2-Hexanone	11.2		"	10.0		112	51-146		4.02	30	
4-Chlorotoluene	12.0		"	10.0		120	79-128		1.40	30	
4-Methyl-2-pentanone	11.3		"	10.0		113	57-145		5.45	30	
Acetone	9.98		"	10.0		99.8	14-150		29.4	30	
Benzene	9.84		"	10.0		98.4	85-126		0.919	30	
Bromobenzene	13.1		"	10.0		131	78-129	High Bias	0.537	30	
Bromochloromethane	10.2		"	10.0		102	77-128		3.91	30	
Bromodichloromethane	11.2		"	10.0		112	79-128		2.81	30	
Bromoform	7.61		"	10.0		76.1	78-133	Low Bias	9.07	30	
Bromomethane	12.7		"	10.0		127	43-168		12.2	30	
Carbon disulfide	9.29		"	10.0		92.9	68-146		1.08	30	
Carbon tetrachloride	8.56		"	10.0		85.6	77-141		1.65	30	
Chlorobenzene	10.2		"	10.0		102	88-120		1.48	30	
Chloroethane	11.4		"	10.0		114	65-136		3.35	30	
Chloroform	9.96		"	10.0		99.6	82-128		1.99	30	
Chloromethane	8.00		"	10.0		80.0	43-155		5.39	30	
cis-1,2-Dichloroethylene	9.79		"	10.0		97.9	83-129		0.512	30	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131		1.81	30	
Dibromochloromethane	8.56		"	10.0		85.6	80-130		5.65	30	
Dibromomethane	11.3		"	10.0		113	72-134		5.46	30	
Dichlorodifluoromethane	10.0		"	10.0		100	44-144		0.993	30	
Ethyl Benzene	12.1		"	10.0		121	80-131		0.248	30	
Hexachlorobutadiene	10.4		"	10.0		104	67-146		0.00	30	
Isopropylbenzene	11.1		"	10.0		111	76-140		1.97	30	
Methyl tert-butyl ether (MTBE)	8.63		"	10.0		86.3	76-135		4.99	30	
Methylene chloride	9.93		"	10.0		99.3	55-137		0.00	30	



Volatile Organic Compounds by GC/MS - 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 BE60338 - EPA 5030B											
LCS Dup (BE60338-BSD1)						Prepared & Analyzed: 05/06/2016					
Naphthalene	10.3		ug/L	10.0		103	70-147		5.17	30	
n-Butylbenzene	13.8		"	10.0		138	79-132	High Bias	3.22	30	
n-Propylbenzene	12.4		"	10.0		124	78-133		1.53	30	
o-Xylene	11.3		"	10.0		113	78-130		0.800	30	
p- & m- Xylenes	24.3		"	20.0		121	77-133		0.206	30	
p-Diethylbenzene	12.2		"	10.0		122	84-134		2.35	30	
p-Ethyltoluene	12.3		"	10.0		123	88-129		1.88	30	
p-Isopropyltoluene	12.0		"	10.0		120	81-136		1.90	30	
sec-Butylbenzene	11.3		"	10.0		113	79-137		1.58	30	
Styrene	11.6		"	10.0		116	67-132		0.690	30	
tert-Butylbenzene	10.6		"	10.0		106	77-138		1.13	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		44.6	30	Non-dir.
Toluene	11.3		"	10.0		113	80-127		0.531	30	
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	80-132		0.914	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		4.42	30	
Trichloroethylene	10.9		"	10.0		109	82-128		3.07	30	
Trichlorofluoromethane	13.6		"	10.0		136	67-139		0.952	30	
Vinyl Chloride	10.3		"	10.0		103	58-145		2.06	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.0</i>		<i>"</i>	<i>10.0</i>		<i>110</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>79-122</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16E0003-01	1A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-02	1B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-03	1C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-04	1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-05	2A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-06	2B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-07	2C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-08	Field Duplicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-09	3A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-10	3B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-11	3C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-12	4A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-13	4B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-14	4C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-15	5A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-16	5D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-17	6A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-18	6D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-19	7A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-20	7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-21	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0003-22	Field Blank	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.
QCAL	This analyte is outside calibration QC limits due to 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/LOD) or in the case of a TIC, 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.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



Laboratory Chain-of-Custody Record

York Project (SDG) No.: 16E0003

Samples Received: 05/02/2016 14:50 By: John Gale Logged In: 05/02/2016 10:04 By: Jaime L. Csapilla

Sample Conditions:

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

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
16E0003-01	EPA 5030B	05/05/2016 16:52	05/05/2016 16:52	Bryan G. Slight
16E0003-02	EPA 5030B	05/05/2016 16:52	05/05/2016 16:52	Bryan G. Slight
16E0003-03	EPA 5030B	05/05/2016 16:52	05/05/2016 16:52	Bryan G. Slight
16E0003-04	EPA 5030B	05/06/2016 9:31	05/06/2016 9:31	Olivia Watson
16E0003-05	EPA 5030B	05/06/2016 9:31	05/06/2016 9:31	Olivia Watson
16E0003-06	EPA 5030B	05/06/2016 9:31	05/06/2016 9:31	Olivia Watson
16E0003-07	EPA 5030B	05/06/2016 9:31	05/06/2016 9:31	Olivia Watson
16E0003-08	EPA 5030B	05/06/2016 9:31	05/06/2016 9:31	Olivia Watson
16E0003-09	EPA 5030B	05/06/2016 9:31	05/06/2016 9:31	Olivia Watson
16E0003-10	EPA 5030B	05/06/2016 9:31	05/06/2016 9:31	Olivia Watson
16E0003-11	EPA 5030B	05/06/2016 9:31	05/06/2016 9:31	Olivia Watson
16E0003-12	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-13	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-14	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-15	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-16	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-17	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-18	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-19	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-20	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-21	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson
16E0003-22	EPA 5030B	05/06/2016 16:40	05/06/2016 16:40	Olivia Watson

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615	(203) 325-1371	FAX (203) 357-0166	



16E0003-01	Volatile Organics, 8260 List - Low Le	05/05/2016 16:52	05/06/2016 2:46	Barbara Kostrzewska
16E0003-02	Volatile Organics, 8260 List - Low Le	05/05/2016 16:52	05/06/2016 3:11	Barbara Kostrzewska
16E0003-03	Volatile Organics, 8260 List - Low Le	05/05/2016 16:52	05/06/2016 3:37	Barbara Kostrzewska
16E0003-04	Volatile Organics, 8260 List - Low Le	05/06/2016 9:31	05/06/2016 13:23	Barbara Kostrzewska
16E0003-05	Volatile Organics, 8260 List - Low Le	05/06/2016 9:31	05/06/2016 13:49	Barbara Kostrzewska
16E0003-06	Volatile Organics, 8260 List - Low Le	05/06/2016 9:31	05/06/2016 17:39	Barbara Kostrzewska
16E0003-07	Volatile Organics, 8260 List - Low Le	05/06/2016 9:31	05/06/2016 15:05	Barbara Kostrzewska
16E0003-08	Volatile Organics, 8260 List - Low Le	05/06/2016 9:31	05/06/2016 16:48	Barbara Kostrzewska
16E0003-09	Volatile Organics, 8260 List - Low Le	05/06/2016 9:31	05/06/2016 17:13	Barbara Kostrzewska
16E0003-10	Volatile Organics, 8260 List - Low Le	05/06/2016 9:31	05/06/2016 18:04	Barbara Kostrzewska
16E0003-11	Volatile Organics, 8260 List - Low Le	05/06/2016 9:31	05/06/2016 18:30	Barbara Kostrzewska
16E0003-12	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/06/2016 22:20	Barbara Kostrzewska
16E0003-13	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/06/2016 22:45	Barbara Kostrzewska
16E0003-14	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/06/2016 23:11	Barbara Kostrzewska
16E0003-15	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/06/2016 23:36	Barbara Kostrzewska
16E0003-16	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/07/2016 0:02	Barbara Kostrzewska
16E0003-17	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/07/2016 0:27	Barbara Kostrzewska
16E0003-18	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/07/2016 0:53	Barbara Kostrzewska
16E0003-19	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/07/2016 1:19	Barbara Kostrzewska
16E0003-20	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/07/2016 1:44	Barbara Kostrzewska
16E0003-21	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/07/2016 2:10	Barbara Kostrzewska
16E0003-22	Volatile Organics, 8260 List - Low Le	05/06/2016 16:40	05/07/2016 2:35	Barbara Kostrzewska



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Field Chain-of-Custody Record

Page 1 of 3

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York Project No. 16E0003

YOUR Information Company: <u>LBG, Inc</u> Address: <u>4 Westchester Park Dr</u> <u>White Plains, NY 10604</u> Phone No. <u>914 694 5711</u> Contact Person: <u>Jorma Weber</u> E-Mail Address: <u>Weber@LBGNY.com</u>	Report To: Company: _____ Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____	Invoice To: Company: _____ Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____	YOUR Project ID <u>Deluxe</u> Purchase Order No. _____ Samples from: CT <u>NY</u> NJ	Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard(5-7 Days) ☒	Report Type Summary Report _____ Summary w/ QA Summary _____ CT RCP Package _____ CTRCP DQA/DUE Pkg _____ NY ASP A Package _____ NY ASP B Package <u>X</u> _____ NJDEP Red. Deliv. _____ <u>Electronic Data Deliverables (EDD)</u> Simple Excel _____ NYSDEC EQuIS _____ EQuIS (std) _____ EZ-EDD (EQuIS) _____ NJDEP SRP HazSite EDD _____ GIS/KEY (std) _____ Other _____ York Regulatory Comparison _____ Excel Spreadsheet _____ Compare to the following Regs. (please fill in): _____ _____

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	Misc.
8260 full 624 TICs Site Spec. STARS list Nassau Co. BTEX Suffolk Co. MTBE Ketones TCL list Oxygenates TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halogen only NJDEP list App. IX list SPL or TCLP 8021B list	8270 or 625 STARS list BN Only Acids Only PAH list TAGM list Site Spec. CT RCP list TCL list NJDEP list App. IX TCLP BNA SPL or TCLP 608 PCB	8082 PCB RCRA8 TPH GRO PP13 list TAL CT ETPH CT15 list NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	Indiv. Metals LIST Below	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	Pri. Poll. TCL Organics TAL Met. CN Full TCLP Full App. IX Part 360-Routine Part 360-Baseline Part 360-Expanded No Domestic Pesticides Full List NYCDEP Sewer NYSDEC Sewer TAGM	Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)								
1A	4/28/16 1120	GW	8260 full list	3 Vials (HCL)								
1B	↓ 1135	↓	↓	↓								
1C	↓ 1150	↓	↓	↓								
1D	↓ 1240	↓	↓	↓								
2A	4/27/16 1050	↓	↓	↓								
2B	↓ 1035	↓	↓	↓								
2C	↓ 0925	↓	↓	↓								
Matrix Spike	↓ 0930	↓	↓	↓								
Matrix Spike Duplicate	↓ 0930	↓	↓	↓								
Field Duplicate	_____	↓	↓	↓								
Comments <u>MS/MSD = 2C</u>	<table border="1"><tr><td>Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐</td><td>4°C _____ Frozen _____ HCl _____ MeOH _____ ZnAc _____ Ascorbic Acid _____</td><td>HNO₃ _____ H₂SO₄ _____ NaOH _____ Other _____</td><td>Temperature on Receipt <u>4.2</u> °C</td></tr><tr><td>Samples Relinquished By <u>Mike Reiff</u> Date/Time <u>5/2/16 0800</u></td><td>Samples Received By <u>Chris</u> Date/Time <u>5-2-16 10:00</u></td></tr><tr><td>Samples Relinquished By _____ Date/Time _____</td><td>Samples Received in LAB by <u>J. M. H.</u> Date/Time <u>5/2/16 1450</u></td></tr></table>				Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐	4°C _____ Frozen _____ HCl _____ MeOH _____ ZnAc _____ Ascorbic Acid _____	HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ Other _____	Temperature on Receipt <u>4.2</u> °C	Samples Relinquished By <u>Mike Reiff</u> Date/Time <u>5/2/16 0800</u>	Samples Received By <u>Chris</u> Date/Time <u>5-2-16 10:00</u>	Samples Relinquished By _____ Date/Time _____	Samples Received in LAB by <u>J. M. H.</u> Date/Time <u>5/2/16 1450</u>
Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐	4°C _____ Frozen _____ HCl _____ MeOH _____ ZnAc _____ Ascorbic Acid _____	HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ Other _____	Temperature on Receipt <u>4.2</u> °C									
Samples Relinquished By <u>Mike Reiff</u> Date/Time <u>5/2/16 0800</u>	Samples Received By <u>Chris</u> Date/Time <u>5-2-16 10:00</u>											
Samples Relinquished By _____ Date/Time _____	Samples Received in LAB by <u>J. M. H.</u> Date/Time <u>5/2/16 1450</u>											



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Field Chain-of-Custody Record

Page 2 of 3

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York Project No. 16E0003

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type	
Company: <u>LPB, Inc</u> Address: <u>White Plains, NY</u> <u>4 Westchester Park Dr</u> Phone No. <u>914 694 5711</u> Contact Person: <u>Jorma Weber</u> E-Mail Address: <u>Weber@LPB.NY.com</u>	Company: _____ Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____	Company: _____ Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____	<u>Deluxe</u> Purchase Order No. _____ Samples from: CT _____ NY <u>X</u> NJ _____	RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard(5-7 Days) ☒	Summary Report _____ Summary w/ QA Summary _____ CT RCP Package _____ CTRCP DQA/DUE Pkg _____ NY ASP A Package _____ NY ASP B Package <u>X</u> NJDEP Red. Deliv. _____ <u>Electronic Data Deliverables (EDD)</u> Simple Excel _____ NYSDEC EQuIS _____ EQuIS (std) _____ EZ-EDD (EQuIS) _____ NJDEP SRP HazSite EDD _____ GIS/KEY (std) _____ Other _____ York Regulatory Comparison _____ Excel Spreadsheet _____ Compare to the following Regs. (please fill in): <table border="1"><tr><td> </td></tr></table>	

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	Misc.
8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	TICs Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list 524.2 502.2 NJDEP list SPL or TCLP	8270 or 625 STARS list BN Only Acids Only PAH list App. IX Site Spec. SPL or TCLP TCLP list TCLP Pest TCLP Herb App. IX TCLP BNA 608 Pest SPL or TCLP	RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPL or TCLP Indic. Metals LIST Below	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	Pri. Poll. TCL Organics TAL Met CN Full TCLP Full App. IX Part 360-Routine Part 360-Baseline Part 360-expanded Part 360-expanded Full List NYDEP Sewer NYSDEC Sewer TAGM	Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
3A	4/27/16 1115	GW	8260 full list	3 Vials (HCL)
3B	1125			
3C	1200			
4A	1240			
4B	1255			
4C	1335			
5A	1500			
5D	1535			
6A	4/28/16 0800			
6D	0845			

Comments

Preservation
Check those Applicable
Special
Instructions
Field Filtered ☐
Lab to Filter ☐

4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	Samples Relinquished By <u>Mike Reiff</u> Date/Time <u>5/2/16 0800</u>	Samples Received By <u>Chris C</u> Date/Time <u>5-2-16 10.00</u>
	Samples Relinquished By _____ Date/Time _____	Samples Received in LAB by <u>J. Reiff</u> Date/Time <u>5/2/16-1450</u>

Temperature on Receipt
4.2 °C



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Field Chain-of-Custody Record

Page 3 of 3

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York Project No. 16E0003

YOUR Information		Report To:	Invoice To:	YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LCB, Inc</u>	Company: _____	Company: _____	Company: _____	<u>Deluxe</u>		RUSH - Same Day ☐		Summary Report _____	
Address: <u>4 Westchester Park Dr</u>	Address: _____	Address: _____	Address: _____			RUSH - Next Day ☐		Summary w/ QA Summary _____	
Phone No. <u>White Plains, NY 10604</u>	Phone No. <u>SAME</u>	Phone No. <u>SAME</u>	Phone No. _____	Purchase Order No. _____		RUSH - Two Day ☐		CT RCP Package _____	
Contact Person: <u>Sorma Weber</u>	Attention: _____	Attention: _____	Attention: _____	Samples from: CT _____ NY ☒ NJ _____		RUSH - Three Day ☐		CTRCP DQA/DUE Pkg _____	
E-Mail Address: <u>Weber@LCBWNJ.COM</u>	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	Standard(5-7 Days) ☒		RUSH - Four Day ☐		NY ASP A Package _____	
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.				Volatiles		Semi-Vols.		Electronic Data Deliverables (EDD) _____	
				8260 full		8270 or 625		Simple Excel _____	
Samples Collected/Authorized By (Signature) <u>Mike Reiff</u> Name (printed)				TICs		8082PCB		NYSDEC EQuIS _____	
				Site Spec.		RCRA8		EQuIS (std) _____	
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor				STARS list		PP13 list		EZ-EDD (EQuIS) _____	
				Nassau Co.		TAL		NJDEP list	
BTEX Suffolk Co.				Acids Only		CT ETPh		Other _____	
				PAH list		NY 310-13		York Regulatory Comparison _____	
MTBE Ketones				App. IX		TPH 1664		Excel Spreadsheet _____	
				TAGM list		Air TO14A		Compare to the following Regs. (please fill in):	
TCL list Oxygenates				Site Spec.		Full App. IX			
				TCLP list		Part 360-Routine			
TAGM list				CT RCP list		Part 360-Baseline			
				524.2		Air STARS			
CT RCP list				TCL list		Part 360-Exempted			
				502.2		Air VPH			
Arom. only				NJDEP list		Part 360-Exempted			
				App. IX		Full List			
Halog. only				SPL or TCLP		NYCDEP Sewer			
				TCLP BNA		NYSDEC Sewer			
App. IX list				SPL or TCLP		TAGM			
				608 PCB					
8021B list				LIST Below					

York Analytical Laboratories, Inc.

SDG: 16E0003

CLASS: VOA

METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Client Sample Id:

1A

1B

1C

1D

2A

2B

2C

Field Duplicate

3A

3B

3C

4A

4B

4C

5A

5D

6A

6D

7A

7D

Trip Blank

Field Blank

Lab Sample Id:

16E0003-01

16E0003-02

16E0003-03

16E0003-04

16E0003-05

16E0003-06

16E0003-07

16E0003-08

16E0003-09

16E0003-10

16E0003-11

16E0003-12

16E0003-13

16E0003-14

16E0003-15

16E0003-16

16E0003-17

16E0003-18

16E0003-19

16E0003-20

16E0003-21

16E0003-22

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 authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:



Name:

Benjamin Gulizia

Date:

5/31/2016

Title:

Laboratory Director

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeSequence: Y6E0618Instrument: VOA No. 8Matrix: WaterCalibration: YD60037

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BE60298-BS1) Lab File ID: V8000873.D Analyzed: 05/06/16 09:18								
1,2-Dichloroethane-d4	10.0	103	69 - 130	5.891				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	111	79 - 122	10.504				
LCS Dup (BE60298-BSD1) Lab File ID: V8000874.D Analyzed: 05/06/16 09:43								
1,2-Dichloroethane-d4	10.0	109	69 - 130	5.891				
Toluene-d8	10.0	106	81 - 117	7.715				
p-Bromofluorobenzene	10.0	109	79 - 122	10.504				
Blank (BE60298-BLK1) Lab File ID: V8000875.D Analyzed: 05/06/16 10:09								
1,2-Dichloroethane-d4	10.0	110	69 - 130	5.891				
Toluene-d8	10.0	106	81 - 117	7.715				
p-Bromofluorobenzene	10.0	114	79 - 122	10.504				
1D (16E0003-04) Lab File ID: V8000882.D Analyzed: 05/06/16 13:23								
1,2-Dichloroethane-d4	10.0	106	69 - 130	5.889				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	118	79 - 122	10.504				
2A (16E0003-05) Lab File ID: V8000883.D Analyzed: 05/06/16 13:49								
1,2-Dichloroethane-d4	10.0	109	69 - 130	5.891				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	117	79 - 122	10.504				
2C (16E0003-07) Lab File ID: V8000886.D Analyzed: 05/06/16 15:05								
1,2-Dichloroethane-d4	10.0	109	69 - 130	5.891				
Toluene-d8	10.0	108	81 - 117	7.715				
p-Bromofluorobenzene	10.0	119	79 - 122	10.504				
Matrix Spike (BE60298-MS1) Lab File ID: V8000887.D Analyzed: 05/06/16 15:31								
1,2-Dichloroethane-d4	10.0	112	69 - 130	5.891				
Toluene-d8	10.0	106	81 - 117	7.715				
p-Bromofluorobenzene	10.0	109	79 - 122	10.504				
Matrix Spike Dup (BE60298-MSD1) Lab File ID: V8000888.D Analyzed: 05/06/16 15:57								
1,2-Dichloroethane-d4	10.0	106	69 - 130	5.888				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	110	79 - 122	10.504				

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeSequence: Y6E0618

Instrument:

Matrix: Water

Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Duplicate (16E0003-08)		Lab File ID: V8000890.D			Analyzed: 05/06/16 16:48			
1,2-Dichloroethane-d4	10.0	108	69 - 130	5.891				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	118	79 - 122	10.504				
3A (16E0003-09)		Lab File ID: V8000891.D			Analyzed: 05/06/16 17:13			
1,2-Dichloroethane-d4	10.0	110	69 - 130	5.891				
Toluene-d8	10.0	106	81 - 117	7.715				
p-Bromofluorobenzene	10.0	115	79 - 122	10.504				
2B (16E0003-06)		Lab File ID: V8000892.D			Analyzed: 05/06/16 17:39			
1,2-Dichloroethane-d4	10.0	106	69 - 130	5.888				
Toluene-d8	10.0	108	81 - 117	7.715				
p-Bromofluorobenzene	10.0	119	79 - 122	10.504				
3B (16E0003-10)		Lab File ID: V8000893.D			Analyzed: 05/06/16 18:04			
1,2-Dichloroethane-d4	10.0	111	69 - 130	5.888				
Toluene-d8	10.0	108	81 - 117	7.715				
p-Bromofluorobenzene	10.0	116	79 - 122	10.504				
3C (16E0003-11)		Lab File ID: V8000894.D			Analyzed: 05/06/16 18:30			
1,2-Dichloroethane-d4	10.0	108	69 - 130	5.888				
Toluene-d8	10.0	108	81 - 117	7.715				
p-Bromofluorobenzene	10.0	118	79 - 122	10.504				

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeSequence: Y6E0619Instrument: VOA No. 8Matrix: WaterCalibration: YD60037

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BE60261-BS1) Lab File ID: V8000850.D Analyzed: 05/05/16 20:48								
1,2-Dichloroethane-d4	10.0	109	69 - 130	5.891				
Toluene-d8	10.0	105	81 - 117	7.715				
p-Bromofluorobenzene	10.0	108	79 - 122	10.506				
LCS Dup (BE60261-BSD1) Lab File ID: V8000851.D Analyzed: 05/05/16 21:14								
1,2-Dichloroethane-d4	10.0	112	69 - 130	5.891				
Toluene-d8	10.0	105	81 - 117	7.718				
p-Bromofluorobenzene	10.0	107	79 - 122	10.501				
Blank (BE60261-BLK1) Lab File ID: V8000852.D Analyzed: 05/05/16 21:39								
1,2-Dichloroethane-d4	10.0	112	69 - 130	5.891				
Toluene-d8	10.0	106	81 - 117	7.718				
p-Bromofluorobenzene	10.0	111	79 - 122	10.504				
1A (16E0003-01) Lab File ID: V8000864.D Analyzed: 05/06/16 02:46								
1,2-Dichloroethane-d4	10.0	111	69 - 130	5.891				
Toluene-d8	10.0	106	81 - 117	7.718				
p-Bromofluorobenzene	10.0	112	79 - 122	10.504				
1B (16E0003-02) Lab File ID: V8000865.D Analyzed: 05/06/16 03:11								
1,2-Dichloroethane-d4	10.0	110	69 - 130	5.891				
Toluene-d8	10.0	106	81 - 117	7.715				
p-Bromofluorobenzene	10.0	114	79 - 122	10.504				
1C (16E0003-03) Lab File ID: V8000866.D Analyzed: 05/06/16 03:37								
1,2-Dichloroethane-d4	10.0	107	69 - 130	5.891				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	114	79 - 122	10.504				

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeSequence: Y6E0909Instrument: VOA No. 8Matrix: WaterCalibration: YD60037

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BE60338-BS1) Lab File ID: V8000898.D Analyzed: 05/06/16 20:12								
1,2-Dichloroethane-d4	10.0	107	69 - 130	5.888				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	110	79 - 122	10.504				
LCS Dup (BE60338-BS1) Lab File ID: V8000899.D Analyzed: 05/06/16 20:38								
1,2-Dichloroethane-d4	10.0	110	69 - 130	5.891				
Toluene-d8	10.0	106	81 - 117	7.715				
p-Bromofluorobenzene	10.0	108	79 - 122	10.504				
Blank (BE60338-BLK1) Lab File ID: V8000900.D Analyzed: 05/06/16 21:03								
1,2-Dichloroethane-d4	10.0	109	69 - 130	5.891				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	116	79 - 122	10.504				
4A (16E0003-12) Lab File ID: V8000903.D Analyzed: 05/06/16 22:20								
1,2-Dichloroethane-d4	10.0	113	69 - 130	5.891				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	115	79 - 122	10.504				
4B (16E0003-13) Lab File ID: V8000904.D Analyzed: 05/06/16 22:45								
1,2-Dichloroethane-d4	10.0	110	69 - 130	5.889				
Toluene-d8	10.0	108	81 - 117	7.715				
p-Bromofluorobenzene	10.0	117	79 - 122	10.504				
4C (16E0003-14) Lab File ID: V8000905.D Analyzed: 05/06/16 23:11								
1,2-Dichloroethane-d4	10.0	105	69 - 130	5.888				
Toluene-d8	10.0	109	81 - 117	7.715				
p-Bromofluorobenzene	10.0	118	79 - 122	10.501				
5A (16E0003-15) Lab File ID: V8000906.D Analyzed: 05/06/16 23:36								
1,2-Dichloroethane-d4	10.0	109	69 - 130	5.888				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	117	79 - 122	10.504				
5D (16E0003-16) Lab File ID: V8000907.D Analyzed: 05/07/16 00:02								
1,2-Dichloroethane-d4	10.0	107	69 - 130	5.891				
Toluene-d8	10.0	108	81 - 117	7.715				
p-Bromofluorobenzene	10.0	116	79 - 122	10.504				

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeSequence: Y6E0909

Instrument:

Matrix: Water

Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
6A (16E0003-17) Lab File ID: V8000908.D Analyzed: 05/07/16 00:27								
1,2-Dichloroethane-d4	10.0	108	69 - 130	5.891				
Toluene-d8	10.0	109	81 - 117	7.715				
p-Bromofluorobenzene	10.0	116	79 - 122	10.504				
6D (16E0003-18) Lab File ID: V8000909.D Analyzed: 05/07/16 00:53								
1,2-Dichloroethane-d4	10.0	111	69 - 130	5.891				
Toluene-d8	10.0	108	81 - 117	7.718				
p-Bromofluorobenzene	10.0	117	79 - 122	10.504				
7A (16E0003-19) Lab File ID: V8000910.D Analyzed: 05/07/16 01:19								
1,2-Dichloroethane-d4	10.0	111	69 - 130	5.891				
Toluene-d8	10.0	108	81 - 117	7.715				
p-Bromofluorobenzene	10.0	116	79 - 122	10.504				
7D (16E0003-20) Lab File ID: V8000911.D Analyzed: 05/07/16 01:44								
1,2-Dichloroethane-d4	10.0	109	69 - 130	5.891				
Toluene-d8	10.0	108	81 - 117	7.715				
p-Bromofluorobenzene	10.0	116	79 - 122	10.504				
Trip Blank (16E0003-21) Lab File ID: V8000912.D Analyzed: 05/07/16 02:10								
1,2-Dichloroethane-d4	10.0	114	69 - 130	5.891				
Toluene-d8	10.0	107	81 - 117	7.715				
p-Bromofluorobenzene	10.0	114	79 - 122	10.504				
Field Blank (16E0003-22) Lab File ID: V8000913.D Analyzed: 05/07/16 02:35								
1,2-Dichloroethane-d4	10.0	108	69 - 130	5.891				
Toluene-d8	10.0	107	81 - 117	7.718				
p-Bromofluorobenzene	10.0	117	79 - 122	10.504				

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	ND	8.51	85.1	45 - 161
1,1,1-Trichloroethane	10.0	0.620	8.72	81.0	70 - 146
1,1,2,2-Tetrachloroethane	10.0	ND	10.5	105	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	ND	6.82	68.2	21 - 217
1,1,2-Trichloroethane	10.0	ND	9.40	94.0	59 - 146
1,1-Dichloroethane	10.0	3.04	12.2	92.0	54 - 146
1,1-Dichloroethylene	10.0	1.41	9.75	83.4	44 - 165
1,1-Dichloropropylene	10.0	ND	8.47	84.7	82 - 134
1,2,3-Trichlorobenzene	10.0	ND	7.92	79.2	40 - 161
1,2,3-Trichloropropane	10.0	ND	10.3	103	74 - 127
1,2,4,5-Tetramethylbenzene	10.0	ND	8.35	83.5	27 - 190
1,2,4-Trichlorobenzene	10.0	ND	8.05	80.5	41 - 161
1,2,4-Trimethylbenzene	10.0	ND	10.3	103	72 - 129
1,2-Dibromo-3-chloropropane	10.0	ND	8.42	84.2	31 - 151
1,2-Dibromoethane	10.0	ND	8.71	87.1	75 - 125
1,2-Dichlorobenzene	10.0	ND	8.87	88.7	63 - 122
1,2-Dichloroethane	10.0	ND	9.23	92.3	68 - 131
1,2-Dichloropropane	10.0	ND	10.1	101	77 - 121
1,3,5-Trimethylbenzene	10.0	ND	10.1	101	69 - 126
1,3-Dichlorobenzene	10.0	ND	9.02	90.2	74 - 119
1,3-Dichloropropane	10.0	ND	10.2	102	77 - 119
1,4-Dichlorobenzene	10.0	ND	8.67	86.7	70 - 124
2,2-Dichloropropane	10.0	ND	7.99	79.9	10 - 160
2-Butanone	10.0	ND	7.38	73.8	10 - 193
2-Chlorotoluene	10.0	ND	10.6	106	70 - 126
2-Hexanone	10.0	ND	9.64	96.4	53 - 133
4-Chlorotoluene	10.0	ND	10.0	100	69 - 124
4-Methyl-2-pentanone	10.0	ND	9.74	97.4	38 - 150
Acetone	10.0	ND	6.22	62.2	13 - 149
Benzene	10.0	ND	8.35	83.5	38 - 155
Bromobenzene	10.0	ND	11.2	112	72 - 122
Bromochloromethane	10.0	ND	8.85	88.5	75 - 121

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Bromodichloromethane	10.0	ND	9.58	95.8	70 - 129
Bromoform	10.0	ND	6.30	63.0 *	66 - 136
Bromomethane	10.0	ND	8.97	89.7	30 - 158
Carbon disulfide	10.0	ND	7.42	74.2	10 - 138
Carbon tetrachloride	10.0	ND	7.43	74.3	71 - 146
Chlorobenzene	10.0	ND	8.64	86.4	81 - 117
Chloroethane	10.0	ND	8.85	88.5	51 - 145
Chloroform	10.0	ND	8.75	87.5	80 - 124
Chloromethane	10.0	ND	5.15	51.5	16 - 163
cis-1,2-Dichloroethylene	10.0	ND	8.53	85.3	76 - 125
cis-1,3-Dichloropropylene	10.0	ND	9.02	90.2	58 - 131
Dibromochloromethane	10.0	ND	7.07	70.7 *	71 - 129
Dibromomethane	10.0	ND	9.59	95.9	76 - 120
Dichlorodifluoromethane	10.0	ND	4.88	48.8	30 - 147
Ethyl Benzene	10.0	ND	10.4	104	72 - 128
Hexachlorobutadiene	10.0	ND	8.27	82.7	34 - 166
Isopropylbenzene	10.0	ND	9.40	94.0	66 - 139
Methyl tert-butyl ether (MTBE)	10.0	ND	7.27	72.7 *	75 - 128
Methylene chloride	10.0	ND	7.98	79.8	57 - 128
Naphthalene	10.0	ND	8.47	84.7	39 - 158
n-Butylbenzene	10.0	ND	11.1	111	61 - 138
n-Propylbenzene	10.0	ND	10.2	102	66 - 134
o-Xylene	10.0	ND	9.83	98.3	69 - 126
p- & m- Xylenes	20.0	ND	20.8	104	67 - 130
p-Diethylbenzene	10.0	ND	9.60	96.0	52 - 150
p-Ethyltoluene	10.0	ND	10.1	101	76 - 127
p-Isopropyltoluene	10.0	ND	9.83	98.3	64 - 137
sec-Butylbenzene	10.0	ND	9.54	95.4	53 - 155
Styrene	10.0	ND	9.95	99.5	69 - 125
tert-Butylbenzene	10.0	ND	9.07	90.7	65 - 139
Tetrachloroethylene	10.0	ND	7.37	73.7	64 - 139
Toluene	10.0	ND	9.77	97.7	76 - 123

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	ND	8.39	83.9	79 - 131
trans-1,3-Dichloropropylene	10.0	ND	8.73	87.3	55 - 130
Trichloroethylene	10.0	ND	9.15	91.5	53 - 145
Trichlorofluoromethane	10.0	ND	11.1	111	61 - 142
Vinyl Chloride	10.0	ND	7.12	71.2	31 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	10.0	8.96	89.6	5.15	30	45 - 161
1,1,1-Trichloroethane	10.0	8.90	82.8	2.20	30	70 - 146
1,1,2,2-Tetrachloroethane	10.0	10.8	108	1.97	30	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	6.87	68.7	0.730	30	21 - 217
1,1,2-Trichloroethane	10.0	9.45	94.5	0.531	30	59 - 146
1,1-Dichloroethane	10.0	12.3	92.6	0.650	30	54 - 146
1,1-Dichloroethylene	10.0	9.90	84.9	1.78	30	44 - 165
1,1-Dichloropropylene	10.0	8.61	86.1	1.64	30	82 - 134
1,2,3-Trichlorobenzene	10.0	8.29	82.9	4.57	30	40 - 161
1,2,3-Trichloropropane	10.0	10.6	106	2.30	30	74 - 127
1,2,4,5-Tetramethylbenzene	10.0	8.93	89.3	6.71	30	27 - 190
1,2,4-Trichlorobenzene	10.0	8.37	83.7	3.90	30	41 - 161
1,2,4-Trimethylbenzene	10.0	11.0	110	6.84	30	72 - 129
1,2-Dibromo-3-chloropropane	10.0	8.37	83.7	0.596	30	31 - 151
1,2-Dibromoethane	10.0	8.94	89.4	2.61	30	75 - 125
1,2-Dichlorobenzene	10.0	9.31	93.1	4.84	30	63 - 122
1,2-Dichloroethane	10.0	9.27	92.7	0.432	30	68 - 131
1,2-Dichloropropane	10.0	10.7	107	5.97	30	77 - 121
1,3,5-Trimethylbenzene	10.0	10.8	108	6.80	30	69 - 126
1,3-Dichlorobenzene	10.0	9.57	95.7	5.92	30	74 - 119
1,3-Dichloropropane	10.0	10.4	104	1.36	30	77 - 119
1,4-Dichlorobenzene	10.0	9.16	91.6	5.50	30	70 - 124
2,2-Dichloropropane	10.0	8.17	81.7	2.23	30	10 - 160
2-Butanone	10.0	6.17	61.7	17.9	30	10 - 193
2-Chlorotoluene	10.0	11.3	113	6.48	30	70 - 126
2-Hexanone	10.0	9.49	94.9	1.57	30	53 - 133
4-Chlorotoluene	10.0	10.7	107	5.99	30	69 - 124
4-Methyl-2-pentanone	10.0	9.57	95.7	1.76	30	38 - 150
Acetone	10.0	6.14	61.4	1.29	30	13 - 149
Benzene	10.0	8.74	87.4	4.56	30	38 - 155
Bromobenzene	10.0	11.7	117	4.37	30	72 - 122
Bromochloromethane	10.0	8.67	86.7	2.05	30	75 - 121
Bromodichloromethane	10.0	10.1	101	5.09	30	70 - 129

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromoform	10.0	6.39	63.9 *	1.42	30	66 - 136
Bromomethane	10.0	10.2	102	12.7	30	30 - 158
Carbon disulfide	10.0	7.80	78.0	4.99	30	10 - 138
Carbon tetrachloride	10.0	7.65	76.5	2.92	30	71 - 146
Chlorobenzene	10.0	9.14	91.4	5.62	30	81 - 117
Chloroethane	10.0	9.54	95.4	7.50	30	51 - 145
Chloroform	10.0	8.97	89.7	2.48	30	80 - 124
Chloromethane	10.0	6.20	62.0	18.5	30	16 - 163
cis-1,2-Dichloroethylene	10.0	8.82	88.2	3.34	30	76 - 125
cis-1,3-Dichloropropylene	10.0	9.60	96.0	6.23	30	58 - 131
Dibromochloromethane	10.0	7.42	74.2	4.83	30	71 - 129
Dibromomethane	10.0	9.87	98.7	2.88	30	76 - 120
Dichlorodifluoromethane	10.0	4.93	49.3	1.02	30	30 - 147
Ethyl Benzene	10.0	11.0	110	4.96	30	72 - 128
Hexachlorobutadiene	10.0	8.67	86.7	4.72	30	34 - 166
Isopropylbenzene	10.0	10.2	102	7.97	30	66 - 139
Methyl tert-butyl ether (MTBE)	10.0	7.27	72.7 *	0.00	30	75 - 128
Methylene chloride	10.0	8.11	81.1	1.62	30	57 - 128
Naphthalene	10.0	8.82	88.2	4.05	30	39 - 158
n-Butylbenzene	10.0	11.6	116	4.66	30	61 - 138
n-Propylbenzene	10.0	11.0	110	6.79	30	66 - 134
o-Xylene	10.0	10.4	104	5.15	30	69 - 126
p- & m- Xylenes	20.0	21.8	109	4.68	30	67 - 130
p-Diethylbenzene	10.0	10.2	102	6.45	30	52 - 150
p-Ethyltoluene	10.0	10.8	108	6.82	30	76 - 127
p-Isopropyltoluene	10.0	10.5	105	6.69	30	64 - 137
sec-Butylbenzene	10.0	10.2	102	6.49	30	53 - 155
Styrene	10.0	10.5	105	5.28	30	69 - 125
tert-Butylbenzene	10.0	9.73	97.3	7.02	30	65 - 139
Tetrachloroethylene	10.0	7.81	78.1	5.80	30	64 - 139
Toluene	10.0	10.3	103	5.18	30	76 - 123
trans-1,2-Dichloroethylene	10.0	8.66	86.6	3.17	30	79 - 131
trans-1,3-Dichloropropylene	10.0	9.10	91.0	4.15	30	55 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Trichloroethylene	10.0	9.84	98.4	7.27	30	53 - 145
Trichlorofluoromethane	10.0	11.1	111	0.360	30	61 - 142
Vinyl Chloride	10.0	7.77	77.7	8.73	30	31 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.1	101	82 - 126
1,1,1-Trichloroethane	10.0	9.18	91.8	78 - 136
1,1,2,2-Tetrachloroethane	10.0	13.1	131 *	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.38	93.8	54 - 165
1,1,2-Trichloroethane	10.0	10.8	108	82 - 123
1,1-Dichloroethane	10.0	10.6	106	82 - 129
1,1-Dichloroethylene	10.0	10.0	100	68 - 138
1,1-Dichloropropylene	10.0	10.0	100	83 - 133
1,2,3-Trichlorobenzene	10.0	11.1	111	76 - 136
1,2,3-Trichloropropane	10.0	12.6	126	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	11.0	110	85 - 140
1,2,4-Trichlorobenzene	10.0	11.2	112	76 - 137
1,2,4-Trimethylbenzene	10.0	12.3	123	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.6	106	45 - 147
1,2-Dibromoethane	10.0	10.5	105	83 - 124
1,2-Dichlorobenzene	10.0	10.9	109	79 - 123
1,2-Dichloroethane	10.0	10.6	106	73 - 132
1,2-Dichloropropane	10.0	11.5	115	78 - 126
1,3,5-Trimethylbenzene	10.0	12.2	122	80 - 131
1,3-Dichlorobenzene	10.0	11.3	113	86 - 122
1,3-Dichloropropane	10.0	11.7	117	81 - 125
1,4-Dichlorobenzene	10.0	11.0	110	85 - 124
2,2-Dichloropropane	10.0	8.54	85.4	56 - 150
2-Butanone	10.0	9.79	97.9	49 - 152
2-Chlorotoluene	10.0	12.5	125	79 - 130
2-Hexanone	10.0	11.9	119	51 - 146
4-Chlorotoluene	10.0	12.0	120	79 - 128
4-Methyl-2-pentanone	10.0	12.0	120	57 - 145
Acetone	10.0	9.52	95.2	14 - 150
Benzene	10.0	9.94	99.4	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromobenzene	10.0	13.2	132 *	78 - 129
Bromochloromethane	10.0	10.5	105	77 - 128
Bromodichloromethane	10.0	10.8	108	79 - 128
Bromoform	10.0	7.77	77.7 *	78 - 133
Bromomethane	10.0	9.50	95.0	43 - 168
Carbon disulfide	10.0	9.72	97.2	68 - 146
Carbon tetrachloride	10.0	8.76	87.6	77 - 141
Chlorobenzene	10.0	10.2	102	88 - 120
Chloroethane	10.0	11.3	113	65 - 136
Chloroform	10.0	9.98	99.8	82 - 128
Chloromethane	10.0	7.25	72.5	43 - 155
cis-1,2-Dichloroethylene	10.0	9.92	99.2	83 - 129
cis-1,3-Dichloropropylene	10.0	10.5	105	80 - 131
Dibromochloromethane	10.0	8.73	87.3	80 - 130
Dibromomethane	10.0	11.2	112	72 - 134
Dichlorodifluoromethane	10.0	10.7	107	44 - 144
Ethyl Benzene	10.0	11.9	119	80 - 131
Hexachlorobutadiene	10.0	10.8	108	67 - 146
Isopropylbenzene	10.0	11.2	112	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	9.00	90.0	76 - 135
Methylene chloride	10.0	9.62	96.2	55 - 137
Naphthalene	10.0	11.6	116	70 - 147
n-Butylbenzene	10.0	13.5	135 *	79 - 132
n-Propylbenzene	10.0	12.2	122	78 - 133
o-Xylene	10.0	11.2	112	78 - 130
p- & m- Xylenes	20.0	23.9	119	77 - 133
p-Diethylbenzene	10.0	12.1	121	84 - 134
p-Ethyltoluene	10.0	12.3	123	88 - 129
p-Isopropyltoluene	10.0	12.1	121	81 - 136
sec-Butylbenzene	10.0	11.2	112	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	11.8	118	67 - 132
tert-Butylbenzene	10.0	10.8	108	77 - 138
Tetrachloroethylene	10.0	9.77	97.7	82 - 131
Toluene	10.0	11.2	112	80 - 127
trans-1,2-Dichloroethylene	10.0	10.1	101	80 - 132
trans-1,3-Dichloropropylene	10.0	10.1	101	78 - 131
Trichloroethylene	10.0	10.8	108	82 - 128
Trichlorofluoromethane	10.0	13.0	130	67 - 139
Vinyl Chloride	10.0	9.98	99.8	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	10.0	9.92	99.2	2.09	30	82 - 126
1,1,1-Trichloroethane	10.0	9.05	90.5	1.43	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.1	121	8.50	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.06	90.6	3.47	30	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	0.932	30	82 - 123
1,1-Dichloroethane	10.0	10.5	105	1.42	30	82 - 129
1,1-Dichloroethylene	10.0	9.77	97.7	2.53	30	68 - 138
1,1-Dichloropropylene	10.0	9.85	98.5	2.01	30	83 - 133
1,2,3-Trichlorobenzene	10.0	10.7	107	3.95	30	76 - 136
1,2,3-Trichloropropane	10.0	11.9	119	5.22	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.4	104	5.68	30	85 - 140
1,2,4-Trichlorobenzene	10.0	10.7	107	5.11	30	76 - 137
1,2,4-Trimethylbenzene	10.0	11.8	118	4.05	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.82	98.2	7.55	30	45 - 147
1,2-Dibromoethane	10.0	10.6	106	0.569	30	83 - 124
1,2-Dichlorobenzene	10.0	11.7	117	6.83	30	79 - 123
1,2-Dichloroethane	10.0	10.8	108	1.86	30	73 - 132
1,2-Dichloropropane	10.0	11.2	112	2.56	30	78 - 126
1,3,5-Trimethylbenzene	10.0	11.6	116	4.89	30	80 - 131
1,3-Dichlorobenzene	10.0	10.9	109	4.32	30	86 - 122
1,3-Dichloropropane	10.0	11.7	117	0.0857	30	81 - 125
1,4-Dichlorobenzene	10.0	10.5	105	4.48	30	85 - 124
2,2-Dichloropropane	10.0	8.35	83.5	2.25	30	56 - 150
2-Butanone	10.0	11.5	115	16.4	30	49 - 152
2-Chlorotoluene	10.0	12.0	120	3.93	30	79 - 130
2-Hexanone	10.0	12.3	123	2.73	30	51 - 146
4-Chlorotoluene	10.0	11.4	114	5.03	30	79 - 128
4-Methyl-2-pentanone	10.0	11.9	119	0.585	30	57 - 145
Acetone	10.0	13.0	130	31.2 *	30	14 - 150
Benzene	10.0	9.81	98.1	1.32	30	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromobenzene	10.0	12.5	125	5.30	30	78 - 129
Bromochloromethane	10.0	10.2	102	2.61	30	77 - 128
Bromodichloromethane	10.0	10.9	109	0.368	30	79 - 128
Bromoform	10.0	7.83	78.3	0.769	30	78 - 133
Bromomethane	10.0	9.90	99.0	4.12	30	43 - 168
Carbon disulfide	10.0	9.49	94.9	2.39	30	68 - 146
Carbon tetrachloride	10.0	8.52	85.2	2.78	30	77 - 141
Chlorobenzene	10.0	10.0	100	1.78	30	88 - 120
Chloroethane	10.0	11.4	114	0.965	30	65 - 136
Chloroform	10.0	10.1	101	0.798	30	82 - 128
Chloromethane	10.0	7.39	73.9	1.91	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.84	98.4	0.810	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.6	106	0.190	30	80 - 131
Dibromochloromethane	10.0	8.74	87.4	0.114	30	80 - 130
Dibromomethane	10.0	11.3	113	0.802	30	72 - 134
Dichlorodifluoromethane	10.0	10.2	102	4.70	30	44 - 144
Ethyl Benzene	10.0	11.6	116	2.73	30	80 - 131
Hexachlorobutadiene	10.0	10.2	102	5.33	30	67 - 146
Isopropylbenzene	10.0	10.8	108	4.01	30	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	9.24	92.4	2.63	30	76 - 135
Methylene chloride	10.0	9.64	96.4	0.208	30	55 - 137
Naphthalene	10.0	11.3	113	2.54	30	70 - 147
n-Butylbenzene	10.0	12.8	128	4.87	30	79 - 132
n-Propylbenzene	10.0	11.7	117	4.09	30	78 - 133
o-Xylene	10.0	10.9	109	2.80	30	78 - 130
p- & m- Xylenes	20.0	23.3	116	2.50	30	77 - 133
p-Diethylbenzene	10.0	11.4	114	5.54	30	84 - 134
p-Ethyltoluene	10.0	11.5	115	6.30	30	88 - 129
p-Isopropyltoluene	10.0	11.5	115	4.49	30	81 - 136
sec-Butylbenzene	10.0	10.7	107	5.30	30	79 - 137

LCS / LCS DUPLICATE RECOVERY
EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003

Client: Leggette Brashears & Graham White Plains OfficeProject: Deluxe

Matrix: Water

Batch: BE60261Laboratory ID: BE60261-BSD1

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Styrene	10.0	11.5	115	2.49	30	67 - 132
tert-Butylbenzene	10.0	10.2	102	5.15	30	77 - 138
Tetrachloroethylene	10.0	12.6	126	25.4	30	82 - 131
Toluene	10.0	11.0	110	1.89	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.96	99.6	0.999	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.1	101	0.197	30	78 - 131
Trichloroethylene	10.0	10.6	106	2.24	30	82 - 128
Trichlorofluoromethane	10.0	12.3	123	5.22	30	67 - 139
Vinyl Chloride	10.0	9.81	98.1	1.72	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.54	95.4	82 - 126
1,1,1-Trichloroethane	10.0	9.05	90.5	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.4	114	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.93	89.3	54 - 165
1,1,2-Trichloroethane	10.0	9.87	98.7	82 - 123
1,1-Dichloroethane	10.0	10.4	104	82 - 129
1,1-Dichloroethylene	10.0	9.82	98.2	68 - 138
1,1-Dichloropropylene	10.0	9.86	98.6	83 - 133
1,2,3-Trichlorobenzene	10.0	9.36	93.6	76 - 136
1,2,3-Trichloropropane	10.0	11.1	111	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.7	107	85 - 140
1,2,4-Trichlorobenzene	10.0	10.1	101	76 - 137
1,2,4-Trimethylbenzene	10.0	12.6	126	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.04	90.4	45 - 147
1,2-Dibromoethane	10.0	9.59	95.9	83 - 124
1,2-Dichlorobenzene	10.0	10.4	104	79 - 123
1,2-Dichloroethane	10.0	9.92	99.2	73 - 132
1,2-Dichloropropane	10.0	11.3	113	78 - 126
1,3,5-Trimethylbenzene	10.0	12.2	122	80 - 131
1,3-Dichlorobenzene	10.0	11.2	112	86 - 122
1,3-Dichloropropane	10.0	10.9	109	81 - 125
1,4-Dichlorobenzene	10.0	10.7	107	85 - 124
2,2-Dichloropropane	10.0	9.58	95.8	56 - 150
2-Butanone	10.0	7.48	74.8	49 - 152
2-Chlorotoluene	10.0	12.8	128	79 - 130
2-Hexanone	10.0	9.99	99.9	51 - 146
4-Chlorotoluene	10.0	12.2	122	79 - 128
4-Methyl-2-pentanone	10.0	10.2	102	57 - 145
Acetone	10.0	8.12	81.2	14 - 150
Benzene	10.0	9.59	95.9	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromobenzene	10.0	13.0	130 *	78 - 129
Bromochloromethane	10.0	9.64	96.4	77 - 128
Bromodichloromethane	10.0	10.7	107	79 - 128
Bromoform	10.0	6.79	67.9 *	78 - 133
Bromomethane	10.0	10.0	100	43 - 168
Carbon disulfide	10.0	9.32	93.2	68 - 146
Carbon tetrachloride	10.0	8.50	85.0	77 - 141
Chlorobenzene	10.0	9.95	99.5	88 - 120
Chloroethane	10.0	10.9	109	65 - 136
Chloroform	10.0	9.76	97.6	82 - 128
Chloromethane	10.0	6.99	69.9	43 - 155
cis-1,2-Dichloroethylene	10.0	9.84	98.4	83 - 129
cis-1,3-Dichloropropylene	10.0	10.4	104	80 - 131
Dibromochloromethane	10.0	7.94	79.4 *	80 - 130
Dibromomethane	10.0	10.4	104	72 - 134
Dichlorodifluoromethane	10.0	10.2	102	44 - 144
Ethyl Benzene	10.0	12.0	120	80 - 131
Hexachlorobutadiene	10.0	10.2	102	67 - 146
Isopropylbenzene	10.0	11.5	115	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	8.08	80.8	76 - 135
Methylene chloride	10.0	10.3	103	55 - 137
Naphthalene	10.0	9.37	93.7	70 - 147
n-Butylbenzene	10.0	14.1	141 *	79 - 132
n-Propylbenzene	10.0	12.6	126	78 - 133
o-Xylene	10.0	11.1	111	78 - 130
p- & m- Xylenes	20.0	24.1	121	77 - 133
p-Diethylbenzene	10.0	12.3	123	84 - 134
p-Ethyltoluene	10.0	12.2	122	88 - 129
p-Isopropyltoluene	10.0	12.2	122	81 - 136
sec-Butylbenzene	10.0	11.5	115	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	11.3	113	67 - 132
tert-Butylbenzene	10.0	10.8	108	77 - 138
Tetrachloroethylene	10.0	9.23	92.3	82 - 131
Toluene	10.0	11.2	112	80 - 127
trans-1,2-Dichloroethylene	10.0	9.82	98.2	80 - 132
trans-1,3-Dichloropropylene	10.0	9.78	97.8	78 - 131
Trichloroethylene	10.0	10.9	109	82 - 128
Trichlorofluoromethane	10.0	13.2	132	67 - 139
Vinyl Chloride	10.0	9.95	99.5	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	10.0	9.77	97.7	2.38	30	82 - 126
1,1,1-Trichloroethane	10.0	8.99	89.9	0.665	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.3	123	7.66	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.88	88.8	0.561	30	54 - 165
1,1,2-Trichloroethane	10.0	10.6	106	6.66	30	82 - 123
1,1-Dichloroethane	10.0	10.4	104	0.0966	30	82 - 129
1,1-Dichloroethylene	10.0	9.72	97.2	1.02	30	68 - 138
1,1-Dichloropropylene	10.0	9.80	98.0	0.610	30	83 - 133
1,2,3-Trichlorobenzene	10.0	10.3	103	9.56	30	76 - 136
1,2,3-Trichloropropane	10.0	11.8	118	6.27	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.6	106	0.658	30	85 - 140
1,2,4-Trichlorobenzene	10.0	10.6	106	5.01	30	76 - 137
1,2,4-Trimethylbenzene	10.0	12.2	122	3.31	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.68	96.8	6.84	30	45 - 147
1,2-Dibromoethane	10.0	10.2	102	5.67	30	83 - 124
1,2-Dichlorobenzene	10.0	10.6	106	1.24	30	79 - 123
1,2-Dichloroethane	10.0	10.6	106	6.25	30	73 - 132
1,2-Dichloropropane	10.0	11.4	114	1.41	30	78 - 126
1,3,5-Trimethylbenzene	10.0	11.8	118	3.08	30	80 - 131
1,3-Dichlorobenzene	10.0	10.9	109	2.54	30	86 - 122
1,3-Dichloropropane	10.0	11.5	115	5.90	30	81 - 125
1,4-Dichlorobenzene	10.0	10.5	105	1.69	30	85 - 124
2,2-Dichloropropane	10.0	9.56	95.6	0.209	30	56 - 150
2-Butanone	10.0	9.09	90.9	19.4	30	49 - 152
2-Chlorotoluene	10.0	12.3	123	3.74	30	79 - 130
2-Hexanone	10.0	11.2	112	11.6	30	51 - 146
4-Chlorotoluene	10.0	11.9	119	2.50	30	79 - 128
4-Methyl-2-pentanone	10.0	11.3	113	10.3	30	57 - 145
Acetone	10.0	8.93	89.3	9.50	30	14 - 150
Benzene	10.0	9.72	97.2	1.35	30	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromobenzene	10.0	12.8	128	1.62	30	78 - 129
Bromochloromethane	10.0	10.0	100	3.87	30	77 - 128
Bromodichloromethane	10.0	11.0	110	2.67	30	79 - 128
Bromoform	10.0	7.46	74.6 *	9.40	30	78 - 133
Bromomethane	10.0	10.9	109	7.93	30	43 - 168
Carbon disulfide	10.0	9.27	92.7	0.538	30	68 - 146
Carbon tetrachloride	10.0	8.43	84.3	0.827	30	77 - 141
Chlorobenzene	10.0	9.95	99.5	0.00	30	88 - 120
Chloroethane	10.0	10.6	106	2.41	30	65 - 136
Chloroform	10.0	9.86	98.6	1.02	30	82 - 128
Chloromethane	10.0	7.46	74.6	6.51	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.91	99.1	0.709	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.8	108	2.93	30	80 - 131
Dibromochloromethane	10.0	8.40	84.0	5.63	30	80 - 130
Dibromomethane	10.0	10.8	108	3.30	30	72 - 134
Dichlorodifluoromethane	10.0	9.85	98.5	3.10	30	44 - 144
Ethyl Benzene	10.0	11.8	118	1.51	30	80 - 131
Hexachlorobutadiene	10.0	10.6	106	3.93	30	67 - 146
Isopropylbenzene	10.0	11.0	110	4.25	30	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	8.77	87.7	8.19	30	76 - 135
Methylene chloride	10.0	10.4	104	1.55	30	55 - 137
Naphthalene	10.0	10.6	106	12.0	30	70 - 147
n-Butylbenzene	10.0	13.7	137 *	2.66	30	79 - 132
n-Propylbenzene	10.0	12.1	121	4.04	30	78 - 133
o-Xylene	10.0	11.1	111	0.631	30	78 - 130
p- & m- Xylenes	20.0	24.1	120	0.291	30	77 - 133
p-Diethylbenzene	10.0	12.0	120	2.63	30	84 - 134
p-Ethyltoluene	10.0	11.8	118	3.17	30	88 - 129
p-Isopropyltoluene	10.0	11.8	118	3.17	30	81 - 136
sec-Butylbenzene	10.0	11.0	110	3.90	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260C

Laboratory:York Analytical Laboratories, Inc.

SDG:16E0003

Client:Leggette Brashears & Graham White Plains Office

Project:Deluxe

Matrix:Water

Batch:BE60298

Laboratory ID:BE60298-BSD1

Preparation:EPA 5030B

Initial/Final:25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Styrene	10.0	11.5	115	2.19	30	67 - 132
tert-Butylbenzene	10.0	10.3	103	4.37	30	77 - 138
Tetrachloroethylene	10.0	9.03	90.3	2.19	30	82 - 131
Toluene	10.0	11.1	111	0.984	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.75	97.5	0.715	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.2	102	4.60	30	78 - 131
Trichloroethylene	10.0	10.7	107	1.48	30	82 - 128
Trichlorofluoromethane	10.0	12.8	128	3.23	30	67 - 139
Vinyl Chloride	10.0	9.87	98.7	0.807	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.69	96.9	82 - 126
1,1,1-Trichloroethane	10.0	8.93	89.3	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.1	111	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.89	88.9	54 - 165
1,1,2-Trichloroethane	10.0	10.1	101	82 - 123
1,1-Dichloroethane	10.0	10.4	104	82 - 129
1,1-Dichloroethylene	10.0	9.86	98.6	68 - 138
1,1-Dichloropropylene	10.0	9.86	98.6	83 - 133
1,2,3-Trichlorobenzene	10.0	9.68	96.8	76 - 136
1,2,3-Trichloropropane	10.0	11.3	113	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.8	108	85 - 140
1,2,4-Trichlorobenzene	10.0	10.1	101	76 - 137
1,2,4-Trimethylbenzene	10.0	12.5	125	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.10	91.0	45 - 147
1,2-Dibromoethane	10.0	9.71	97.1	83 - 124
1,2-Dichlorobenzene	10.0	10.6	106	79 - 123
1,2-Dichloroethane	10.0	10.4	104	73 - 132
1,2-Dichloropropane	10.0	11.3	113	78 - 126
1,3,5-Trimethylbenzene	10.0	12.1	121	80 - 131
1,3-Dichlorobenzene	10.0	11.1	111	86 - 122
1,3-Dichloropropane	10.0	11.2	112	81 - 125
1,4-Dichlorobenzene	10.0	10.7	107	85 - 124
2,2-Dichloropropane	10.0	8.54	85.4	56 - 150
2-Butanone	10.0	10.2	102	49 - 152
2-Chlorotoluene	10.0	12.8	128	79 - 130
2-Hexanone	10.0	11.7	117	51 - 146
4-Chlorotoluene	10.0	12.2	122	79 - 128
4-Methyl-2-pentanone	10.0	10.7	107	57 - 145
Acetone	10.0	13.4	134	14 - 150
Benzene	10.0	9.75	97.5	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromobenzene	10.0	13.0	130 *	78 - 129
Bromochloromethane	10.0	9.77	97.7	77 - 128
Bromodichloromethane	10.0	10.9	109	79 - 128
Bromoform	10.0	6.95	69.5 *	78 - 133
Bromomethane	10.0	11.2	112	43 - 168
Carbon disulfide	10.0	9.19	91.9	68 - 146
Carbon tetrachloride	10.0	8.42	84.2	77 - 141
Chlorobenzene	10.0	10.0	100	88 - 120
Chloroethane	10.0	11.8	118	65 - 136
Chloroform	10.0	10.2	102	82 - 128
Chloromethane	10.0	7.58	75.8	43 - 155
cis-1,2-Dichloroethylene	10.0	9.74	97.4	83 - 129
cis-1,3-Dichloropropylene	10.0	10.4	104	80 - 131
Dibromochloromethane	10.0	8.09	80.9	80 - 130
Dibromomethane	10.0	10.7	107	72 - 134
Dichlorodifluoromethane	10.0	10.1	101	44 - 144
Ethyl Benzene	10.0	12.1	121	80 - 131
Hexachlorobutadiene	10.0	10.4	104	67 - 146
Isopropylbenzene	10.0	11.3	113	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	8.21	82.1	76 - 135
Methylene chloride	10.0	9.93	99.3	55 - 137
Naphthalene	10.0	9.80	98.0	70 - 147
n-Butylbenzene	10.0	14.2	142 *	79 - 132
n-Propylbenzene	10.0	12.5	125	78 - 133
o-Xylene	10.0	11.2	112	78 - 130
p- & m- Xylenes	20.0	24.3	122	77 - 133
p-Diethylbenzene	10.0	12.5	125	84 - 134
p-Ethyltoluene	10.0	12.1	121	88 - 129
p-Isopropyltoluene	10.0	12.2	122	81 - 136
sec-Butylbenzene	10.0	11.4	114	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	11.6	116	67 - 132
tert-Butylbenzene	10.0	10.7	107	77 - 138
Tetrachloroethylene	10.0	16.1	161 *	82 - 131
Toluene	10.0	11.3	113	80 - 127
trans-1,2-Dichloroethylene	10.0	9.80	98.0	80 - 132
trans-1,3-Dichloropropylene	10.0	9.73	97.3	78 - 131
Trichloroethylene	10.0	11.2	112	82 - 128
Trichlorofluoromethane	10.0	13.7	137	67 - 139
Vinyl Chloride	10.0	10.1	101	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	10.0	9.73	97.3	0.412	30	82 - 126
1,1,1-Trichloroethane	10.0	9.03	90.3	1.11	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.1	121	8.29	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.98	89.8	1.01	30	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	5.48	30	82 - 123
1,1-Dichloroethane	10.0	10.4	104	0.00	30	82 - 129
1,1-Dichloroethylene	10.0	9.89	98.9	0.304	30	68 - 138
1,1-Dichloropropylene	10.0	9.90	99.0	0.405	30	83 - 133
1,2,3-Trichlorobenzene	10.0	10.0	100	3.75	30	76 - 136
1,2,3-Trichloropropane	10.0	12.0	120	6.18	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.6	106	1.87	30	85 - 140
1,2,4-Trichlorobenzene	10.0	10.4	104	2.94	30	76 - 137
1,2,4-Trimethylbenzene	10.0	12.4	124	0.723	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.53	95.3	4.62	30	45 - 147
1,2-Dibromoethane	10.0	10.2	102	5.31	30	83 - 124
1,2-Dichlorobenzene	10.0	10.6	106	0.284	30	79 - 123
1,2-Dichloroethane	10.0	10.8	108	4.05	30	73 - 132
1,2-Dichloropropane	10.0	11.5	115	1.31	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.0	120	0.993	30	80 - 131
1,3-Dichlorobenzene	10.0	11.1	111	0.0900	30	86 - 122
1,3-Dichloropropane	10.0	11.7	117	4.18	30	81 - 125
1,4-Dichlorobenzene	10.0	10.6	106	1.04	30	85 - 124
2,2-Dichloropropane	10.0	8.51	85.1	0.352	30	56 - 150
2-Butanone	10.0	9.68	96.8	5.33	30	49 - 152
2-Chlorotoluene	10.0	12.7	127	0.864	30	79 - 130
2-Hexanone	10.0	11.2	112	4.02	30	51 - 146
4-Chlorotoluene	10.0	12.0	120	1.40	30	79 - 128
4-Methyl-2-pentanone	10.0	11.3	113	5.45	30	57 - 145
Acetone	10.0	9.98	99.8	29.4	30	14 - 150
Benzene	10.0	9.84	98.4	0.919	30	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromobenzene	10.0	13.1	131 *	0.537	30	78 - 129
Bromochloromethane	10.0	10.2	102	3.91	30	77 - 128
Bromodichloromethane	10.0	11.2	112	2.81	30	79 - 128
Bromoform	10.0	7.61	76.1 *	9.07	30	78 - 133
Bromomethane	10.0	12.7	127	12.2	30	43 - 168
Carbon disulfide	10.0	9.29	92.9	1.08	30	68 - 146
Carbon tetrachloride	10.0	8.56	85.6	1.65	30	77 - 141
Chlorobenzene	10.0	10.2	102	1.48	30	88 - 120
Chloroethane	10.0	11.4	114	3.35	30	65 - 136
Chloroform	10.0	9.96	99.6	1.99	30	82 - 128
Chloromethane	10.0	8.00	80.0	5.39	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.79	97.9	0.512	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.6	106	1.81	30	80 - 131
Dibromochloromethane	10.0	8.56	85.6	5.65	30	80 - 130
Dibromomethane	10.0	11.3	113	5.46	30	72 - 134
Dichlorodifluoromethane	10.0	10.0	100	0.993	30	44 - 144
Ethyl Benzene	10.0	12.1	121	0.248	30	80 - 131
Hexachlorobutadiene	10.0	10.4	104	0.00	30	67 - 146
Isopropylbenzene	10.0	11.1	111	1.97	30	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	8.63	86.3	4.99	30	76 - 135
Methylene chloride	10.0	9.93	99.3	0.00	30	55 - 137
Naphthalene	10.0	10.3	103	5.17	30	70 - 147
n-Butylbenzene	10.0	13.8	138 *	3.22	30	79 - 132
n-Propylbenzene	10.0	12.4	124	1.53	30	78 - 133
o-Xylene	10.0	11.3	113	0.800	30	78 - 130
p- & m- Xylenes	20.0	24.3	121	0.206	30	77 - 133
p-Diethylbenzene	10.0	12.2	122	2.35	30	84 - 134
p-Ethyltoluene	10.0	12.3	123	1.88	30	88 - 129
p-Isopropyltoluene	10.0	12.0	120	1.90	30	81 - 136
sec-Butylbenzene	10.0	11.3	113	1.58	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003

Client: Leggette Brashears & Graham White Plains OfficeProject: Deluxe

Matrix: Water

Batch: BE60338Laboratory ID: BE60338-BSD1

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Styrene	10.0	11.6	116	0.690	30	67 - 132
tert-Butylbenzene	10.0	10.6	106	1.13	30	77 - 138
Tetrachloroethylene	10.0	10.2	102	44.6 *	30	82 - 131
Toluene	10.0	11.3	113	0.531	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.89	98.9	0.914	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.2	102	4.42	30	78 - 131
Trichloroethylene	10.0	10.9	109	3.07	30	82 - 128
Trichlorofluoromethane	10.0	13.6	136	0.952	30	67 - 139
Vinyl Chloride	10.0	10.3	103	2.06	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I**METHOD BLANK DATA SHEET****EPA 8260C**

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
Matrix: Water Laboratory ID: BE60261-BLK1 File ID: V8000852.D
Prepared: 05/05/16 16:52 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
Analyzed: 05/05/16 21:39 Instrument: VOA No. 8
Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
75-35-4	1,1-Dichloroethylene	0.50	U
563-58-6	1,1-Dichloropropylene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.34	J
96-18-4	1,2,3-Trichloropropane	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
78-93-3	2-Butanone	2.0	U
95-49-8	2-Chlorotoluene	0.50	U
591-78-6	2-Hexanone	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
108-10-1	4-Methyl-2-pentanone	0.50	U
67-64-1	Acetone	2.0	U
71-43-2	Benzene	0.50	U

FORM I

METHOD BLANK DATA SHEET
EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: BE60261-BLK1 File ID: V8000852.D
 Prepared: 05/05/16 16:52 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Analyzed: 05/05/16 21:39 Instrument: VOA No. 8
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-86-1	Bromobenzene	0.50	U
74-97-5	Bromochloromethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
75-25-2	Bromoform	0.50	U
74-83-9	Bromomethane	0.50	U
75-15-0	Carbon disulfide	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
108-90-7	Chlorobenzene	0.50	U
75-00-3	Chloroethane	0.50	U
67-66-3	Chloroform	0.50	U
74-87-3	Chloromethane	0.50	U
156-59-2	cis-1,2-Dichloroethylene	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	0.50	U
124-48-1	Dibromochloromethane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-71-8	Dichlorodifluoromethane	0.50	U
100-41-4	Ethyl Benzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
98-82-8	Isopropylbenzene	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
75-09-2	Methylene chloride	2.0	U
91-20-3	Naphthalene	2.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	p- & m- Xylenes	1.0	U
105-05-5	p-Diethylbenzene	0.50	U
622-96-8	p-Ethyltoluene	0.50	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:York Analytical Laboratories, Inc.SDG:16E0003

Client:Leggette Brashears & Graham White Plains OfficeProject:Deluxe

Matrix:WaterLaboratory ID:BE60261-BLK1File ID:V8000852.D

Prepared:05/05/16 16:52Preparation:EPA 5030BInitial/Final:25 mL / 25 mL

Analyzed:05/05/16 21:39Instrument:VOA No. 8

Batch:BE60261Sequence:Y6E0619Calibration:YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
100-42-5	Styrene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.2	112	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.1	111	79 - 122	

FORM I**METHOD BLANK DATA SHEET****EPA 8260C**

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
Matrix: Water Laboratory ID: BE60298-BLK1 File ID: V8000875.D
Prepared: 05/06/16 08:30 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
Analyzed: 05/06/16 10:09 Instrument: VOA No. 8
Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
75-35-4	1,1-Dichloroethylene	0.50	U
563-58-6	1,1-Dichloropropylene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.35	J
96-18-4	1,2,3-Trichloropropane	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
78-93-3	2-Butanone	2.0	U
95-49-8	2-Chlorotoluene	0.50	U
591-78-6	2-Hexanone	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
108-10-1	4-Methyl-2-pentanone	0.50	U
67-64-1	Acetone	2.0	U
71-43-2	Benzene	0.50	U

FORM I

METHOD BLANK DATA SHEET
EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: BE60298-BLK1 File ID: V8000875.D
 Prepared: 05/06/16 08:30 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Analyzed: 05/06/16 10:09 Instrument: VOA No. 8
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-86-1	Bromobenzene	0.50	U
74-97-5	Bromochloromethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
75-25-2	Bromoform	0.50	U
74-83-9	Bromomethane	0.50	U
75-15-0	Carbon disulfide	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
108-90-7	Chlorobenzene	0.50	U
75-00-3	Chloroethane	0.50	U
67-66-3	Chloroform	0.50	U
74-87-3	Chloromethane	0.50	U
156-59-2	cis-1,2-Dichloroethylene	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	0.50	U
124-48-1	Dibromochloromethane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-71-8	Dichlorodifluoromethane	0.50	U
100-41-4	Ethyl Benzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
98-82-8	Isopropylbenzene	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
75-09-2	Methylene chloride	2.0	U
91-20-3	Naphthalene	2.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	p- & m- Xylenes	1.0	U
105-05-5	p-Diethylbenzene	0.50	U
622-96-8	p-Ethyltoluene	0.50	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:York Analytical Laboratories, Inc.SDG:16E0003

Client:Leggette Brashears & Graham White Plains OfficeProject:Deluxe

Matrix:WaterLaboratory ID:BE60298-BLK1File ID:V8000875.D

Prepared:05/06/16 08:30Preparation:EPA 5030BInitial/Final:25 mL / 25 mL

Analyzed:05/06/16 10:09Instrument:VOA No. 8

Batch:BE60298Sequence:Y6E0618Calibration:YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
100-42-5	Styrene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.0	110	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

FORM I**METHOD BLANK DATA SHEET****EPA 8260C**

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
Matrix: Water Laboratory ID: BE60338-BLK1 File ID: V8000900.D
Prepared: 05/06/16 16:40 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
Analyzed: 05/06/16 21:03 Instrument: VOA No. 8
Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
75-35-4	1,1-Dichloroethylene	0.50	U
563-58-6	1,1-Dichloropropylene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.40	J
96-18-4	1,2,3-Trichloropropane	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
78-93-3	2-Butanone	2.0	U
95-49-8	2-Chlorotoluene	0.50	U
591-78-6	2-Hexanone	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
108-10-1	4-Methyl-2-pentanone	0.50	U
67-64-1	Acetone	2.0	U
71-43-2	Benzene	0.50	U

FORM I

METHOD BLANK DATA SHEET
EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: BE60338-BLK1 File ID: V8000900.D
 Prepared: 05/06/16 16:40 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Analyzed: 05/06/16 21:03 Instrument: VOA No. 8
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-86-1	Bromobenzene	0.50	U
74-97-5	Bromochloromethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
75-25-2	Bromoform	0.50	U
74-83-9	Bromomethane	0.50	U
75-15-0	Carbon disulfide	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
108-90-7	Chlorobenzene	0.50	U
75-00-3	Chloroethane	0.50	U
67-66-3	Chloroform	0.50	U
74-87-3	Chloromethane	0.50	U
156-59-2	cis-1,2-Dichloroethylene	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	0.50	U
124-48-1	Dibromochloromethane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-71-8	Dichlorodifluoromethane	0.50	U
100-41-4	Ethyl Benzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
98-82-8	Isopropylbenzene	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
75-09-2	Methylene chloride	2.0	U
91-20-3	Naphthalene	2.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	p- & m- Xylenes	1.0	U
105-05-5	p-Diethylbenzene	0.50	U
622-96-8	p-Ethyltoluene	0.50	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U

FORM I

METHOD BLANK DATA SHEET
EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003

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

Matrix: Water Laboratory ID: BE60338-BLK1 File ID: V8000900.D

Prepared: 05/06/16 16:40 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Analyzed: 05/06/16 21:03 Instrument: VOA No. 8

Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
100-42-5	Styrene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

PREPARATION BATCH SUMMARY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Batch: BE60261

Batch Matrix: WaterPreparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
1A	16E0003-01	V8000864.D	05/05/16 16:52	
1B	16E0003-02	V8000865.D	05/05/16 16:52	
1C	16E0003-03	V8000866.D	05/05/16 16:52	
Blank	BE60261-BLK1	V8000852.D	05/05/16 16:52	
LCS	BE60261-BS1	V8000850.D	05/05/16 16:52	
LCS Dup	BE60261-BSD1	V8000851.D	05/05/16 16:52	

FORM IV**PREPARATION BATCH SUMMARY****EPA 8260C**

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
Batch: BE60298 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
1D	16E0003-04	V8000882.D	05/06/16 09:31	
2A	16E0003-05	V8000883.D	05/06/16 09:31	
2B	16E0003-06	V8000892.D	05/06/16 09:31	
2C	16E0003-07	V8000886.D	05/06/16 09:31	
Field Duplicate	16E0003-08	V8000890.D	05/06/16 09:31	
3A	16E0003-09	V8000891.D	05/06/16 09:31	
3B	16E0003-10	V8000893.D	05/06/16 09:31	
3C	16E0003-11	V8000894.D	05/06/16 09:31	
Blank	BE60298-BLK1	V8000875.D	05/06/16 08:30	
LCS	BE60298-BS1	V8000873.D	05/06/16 08:30	
LCS Dup	BE60298-BSD1	V8000874.D	05/06/16 08:30	
2C	BE60298-MS1	V8000887.D	05/06/16 08:30	
2C	BE60298-MSD1	V8000888.D	05/06/16 08:30	

FORM IV**PREPARATION BATCH SUMMARY****EPA 8260C**

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
Batch: BE60338 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
4A	16E0003-12	V8000903.D	05/06/16 16:40	
4B	16E0003-13	V8000904.D	05/06/16 16:40	
4C	16E0003-14	V8000905.D	05/06/16 16:40	
5A	16E0003-15	V8000906.D	05/06/16 16:40	
5D	16E0003-16	V8000907.D	05/06/16 16:40	
6A	16E0003-17	V8000908.D	05/06/16 16:40	
6D	16E0003-18	V8000909.D	05/06/16 16:40	
7A	16E0003-19	V8000910.D	05/06/16 16:40	
7D	16E0003-20	V8000911.D	05/06/16 16:40	
Trip Blank	16E0003-21	V8000912.D	05/06/16 16:40	
Field Blank	16E0003-22	V8000913.D	05/06/16 16:40	
Blank	BE60338-BLK1	V8000900.D	05/06/16 16:40	
LCS	BE60338-BS1	V8000898.D	05/06/16 16:40	
LCS Dup	BE60338-BSD1	V8000899.D	05/06/16 16:40	

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: V8000676.D
 Instrument ID: VOA No. 8
 Calibration: V8LO0005

SDG: 16E0003
 Project: Deluxe
 BFB Injection Date: 04/28/16
 BFB Injection Time: 17:49
 Sequence: QBV8042816A

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	18.6	
75	30.0-60.0% of mass 95	45.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.5	78.8 1
174	50.0-100.0% of mass 95	78.8	
175	5.0-9.0% of mass 174	6.9	78.8 1
176	95.0-101.0% of mass 174	96.6	78.8 1
177	5.0-9.0% of mass 176	6.4	96.6 2

1- Value is % mass 174

2-Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VOA CALIBRATION LEVEL 1	V8000677.D	04/28/16	18:14
2	VOA CALIBRATION LEVEL 2	V8000678.D	04/28/16	18:40
3	VOA CALIBRATION LEVEL 3	V8000679.D	04/28/16	19:05
4	VOA CALIBRATION LEVEL 4	V8000680.D	04/28/16	19:30
5	VOA CALIBRATION LEVEL 5	V8000681.D	04/28/16	19:56
6	VOA CALIBRATION LEVEL 6	V8000682.D	04/28/16	20:21
7	VOA CALIBRATION LEVEL 7	V8000683.D	04/28/16	20:46
8	VOA CALIBRATION LEVEL 8	V8000684.D	04/28/16	21:12
9	VOA CALIBRATION LEVEL 9	V8000685.D	04/28/16	21:37
10	ICV 1	V8000687.D	04/28/16	22:28
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: V8000848.D
 Instrument ID: VOA No. 8
 Calibration: V8LO0005

SDG: 16E0003
 Project: Deluxe
 BFB Injection Date: 05/05/16
 BFB Injection Time: 19:57
 Sequence: QBV8050516A

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	21.0	
75	30.0-60.0% of mass 95	49.8	
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	0.5	70.9 1
174	50.0-100.0% of mass 95	70.9	
175	5.0-9.0% of mass 174	6.9	70.9 1
176	95.0-101.0% of mass 174	97.2	70.9 1
177	5.0-9.0% of mass 176	6.3	97.2 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		10ppb VOA CAL CHECK	V8000872.D	05/06/16	08:43
2		BE60261-BS1	V8000850.D	5/5/2016	20:48
3		BE60261-BSD1	V8000851.D	5/5/2016	21:14
4		BE60261-BLK1	V8000852.D	5/5/2016	21:39
5	1A	16E0003-01	V8000864.D	5/6/2016	2:46
6	1B	16E0003-02	V8000865.D	5/6/2016	3:11
7	1C	16E0003-03	V8000866.D	5/6/2016	3:37
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: V8000871.D
 Instrument ID: VOA No. 8
 Calibration: V8LO0005

SDG: 16E0003
 Project: Deluxe
 BFB Injection Date: 05/06/16
 BFB Injection Time: 08:13
 Sequence: QBV8050616A

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	21.3	
75	30.0-60.0% of mass 95	49.8	
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	0.5	69.6 1
174	50.0-100.0% of mass 95	69.6	
175	5.0-9.0% of mass 174	6.8	69.6 1
176	95.0-101.0% of mass 174	96.6	69.6 1
177	5.0-9.0% of mass 176	6.6	96.6 2

1- Value is % mass 174

2-Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		10ppb VOA CAL CHECK	V8000872.D	05/06/16	08:43
2		BE60298-BS1	V8000873.D	5/6/2016	9:18
3		BE60298-BSD1	V8000874.D	5/6/2016	9:43
4		BE60298-BLK1	V8000875.D	5/6/2016	10:09
5	1D	16E0003-04	V8000882.D	5/6/2016	13:23
6	2A	16E0003-05	V8000883.D	5/6/2016	13:49
7	2C	16E0003-07	V8000886.D	5/6/2016	15:05
8	2C (MS1)	16E0003-07 (MS1)	V8000887.D	5/6/2016	15:31
9	2C (MSd1)	16E0003-07 (MSD1)	V8000888.D	5/6/2016	15:57
10	Field Duplicate	16E0003-08	V8000890.D	5/6/2016	16:48
11	3A	16E0003-09	V8000891.D	5/6/2016	17:13
12	2B	16E0003-06	V8000892.D	5/6/2016	17:39
13	3B	16E0003-10	V8000893.D	5/6/2016	18:04
14	3C	16E0003-11	V8000894.D	5/6/2016	18:30
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: V8000896.D
 Instrument ID: VOA No. 8
 Calibration: V8LO0005

SDG: 16E0003
 Project: Deluxe
 BFB Injection Date: 05/06/16
 BFB Injection Time: 19:21
 Sequence: QBV8050616B

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0-40.0% of mass 95	22.0	
75	30.0-60.0% of mass 95	51.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.5	69.1 1
174	50.0-100.0% of mass 95	69.1	
175	5.0-9.0% of mass 174	6.9	69.1 1
176	95.0-101.0% of mass 174	98.0	69.1 1
177	5.0-9.0% of mass 176	6.8	98.0 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		10ppb VOA CAL CHECK	V8000897.D	05/06/16	19:47
2		BE60338-BS1	V8000898.D	5/6/2016	20:12
3		BE60338-BSD1	V8000899.D	5/6/2016	20:38
4		BE60338-BLK1	V8000900.D	5/6/2016	21:03
5	4A	16E0003-12	V8000903.D	5/6/2016	22:20
6	4B	16E0003-13	V8000904.D	5/6/2016	22:45
7	4C	16E0003-14	V8000905.D	5/6/2016	23:11
8	5A	16E0003-15	V8000906.D	5/6/2016	23:36
9	5D	16E0003-16	V8000907.D	5/7/2016	0:02
10	6A	16E0003-17	V8000908.D	5/7/2016	0:27
11	6D	16E0003-18	V8000909.D	5/7/2016	0:53
12	7A	16E0003-19	V8000910.D	5/7/2016	1:19
13	7D	16E0003-20	V8000911.D	5/7/2016	1:44
14	Trip Blank	16E0003-21	V8000912.D	5/7/2016	2:10
15	Field Blank	16E0003-22	V8000913.D	5/7/2016	2:35
16					
17					
18					
19					
20					
21					
22					

Form 8A

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham White Plains Office
Sequence: QBV8050516A
Calibration: V8LO0005
Lab File ID: V8000872.D

SDG: 16E0003
Project: Deluxe
Instrument ID: VOA No. 8
Injection Date: 05/06/16
Injection Time: 08:43

[illegible]

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: QBV8050616A
 Calibration: V8LO0005
 Lab File ID: V8000872.D

SDG: 16E0003
 Project: Deluxe
 Instrument ID: VOA No. 8
 Injection Date: 05/06/16
 Injection Time: 08:43

	IS 1 (FBZ)		IS 2 (CBZ)		IS 3 (DCB)	
	Area	RT	Area	RT	Area	RT
12 Hour Std	196029	6.18	734574	9.23	326892	12.24
Upper Limit	392058	6.68	1469148	9.73	653784	12.74
Lower Limit	98015	5.68	367287	8.73	163446	11.74
Client Sample ID						
BE60298-BS1	205415	6.18	755107	9.23	329516	12.24
BE60298-BSD1	207512	6.18	779751	9.23	351954	12.24
BE60298-BLK1	207591	6.18	774134	9.23	328034	12.24
1D	186811	6.18	688465	9.23	277118	12.24
2A	193465	6.18	710262	9.23	295427	12.24
2C	187023	6.18	677810	9.23	279629	12.24
2C (MS1)	190773	6.18	708884	9.23	329572	12.24
2C (MSd1)	197637	6.18	716474	9.23	323787	12.24
Field Duplicate	190694	6.18	693129	9.23	282972	12.24
3A	189679	6.18	689424	9.23	288666	12.24
2B	190026	6.18	687112	9.23	278505	12.24
3B	184669	6.18	677644	9.23	279100	12.24
3C	183124	6.18	660004	9.23	272646	12.24

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 Lower 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: Leggett Brashears & Graham White Plains Office
 Sequence: QBV8050616B
 Calibration: V8LO0005
 Lab File ID: V8000897.D

SDG: 16E0003
 Project: Deluxe
 Instrument ID: VOA No. 8
 Injection Date: 05/06/16
 Injection Time: 19:47

	IS 1 (FBZ)		IS 2 (CBZ)		IS 3 (DCB)	
	Area	RT	Area	RT	Area	RT
12 Hour Std	183281	6.18	670849	9.23	303369	12.24
Upper Limit	366562	6.68	1341698	9.73	606738	12.74
Lower Limit	91641	5.68	335425	8.73	151685	11.74
Client Sample ID						
BE60338-BS1	188295	6.18	702979	9.23	312791	12.24
BE60338-BSD1	193056	6.18	724883	9.23	330610	12.24
BE60338-BLK1	194635	6.18	710680	9.23	295648	12.24
4A	182580	6.18	674094	9.23	283971	12.24
4B	185100	6.18	665082	9.23	277200	12.24
4C	183146	6.18	651334	9.23	264791	12.24
5A	180516	6.18	652947	9.23	270176	12.24
5D	178058	6.18	646807	9.23	267668	12.24
6A	179625	6.18	648457	9.23	270182	12.24
6D	178614	6.18	640383	9.23	266585	12.24
7A	178319	6.18	648981	9.23	273559	12.24
7D	181188	6.18	650368	9.23	270614	12.24
Trip Blank	176802	6.18	648513	9.23	276013	12.24
Field Blank	174762	6.18	632934	9.23	262075	12.24

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 Lower Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

METHOD DETECTION AND REPORTING LIMITS

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Instrument: VOA No. 8

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.20	0.50	ug/L
1,1,1-Trichloroethane	0.20	0.50	ug/L
1,1,2,2-Tetrachloroethane	0.20	0.50	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	0.20	0.50	ug/L
1,1,2-Trichloroethane	0.20	0.50	ug/L
1,1-Dichloroethane	0.20	0.50	ug/L
1,1-Dichloroethylene	0.20	0.50	ug/L
1,1-Dichloropropylene	0.20	0.50	ug/L
1,2,3-Trichlorobenzene	0.20	0.50	ug/L
1,2,3-Trichloropropane	0.20	0.50	ug/L
1,2,4,5-Tetramethylbenzene	0.20	0.50	ug/L
1,2,4-Trichlorobenzene	0.20	0.50	ug/L
1,2,4-Trimethylbenzene	0.20	0.50	ug/L
1,2-Dibromo-3-chloropropane	0.20	0.50	ug/L
1,2-Dibromoethane	0.20	0.50	ug/L
1,2-Dichlorobenzene	0.20	0.50	ug/L
1,2-Dichloroethane	0.20	0.50	ug/L
1,2-Dichloropropane	0.20	0.50	ug/L
1,3,5-Trimethylbenzene	0.20	0.50	ug/L
1,3-Dichlorobenzene	0.20	0.50	ug/L
1,3-Dichloropropane	0.20	0.50	ug/L
1,4-Dichlorobenzene	0.20	0.50	ug/L
2,2-Dichloropropane	0.20	0.50	ug/L
2-Butanone	0.20	0.50	ug/L
2-Chlorotoluene	0.20	0.50	ug/L
2-Hexanone	0.20	0.50	ug/L
4-Chlorotoluene	0.20	0.50	ug/L
4-Methyl-2-pentanone	0.20	0.50	ug/L
Acetone	1.0	2.0	ug/L
Benzene	0.20	0.50	ug/L
Bromobenzene	0.20	0.50	ug/L
Bromochloromethane	0.20	0.50	ug/L
Bromodichloromethane	0.20	0.50	ug/L
Bromoform	0.20	0.50	ug/L
Bromomethane	0.20	0.50	ug/L
Carbon disulfide	0.20	0.50	ug/L
Carbon tetrachloride	0.20	0.50	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Instrument: VOA No. 8

Analyte	LOD	LOQ	Units
Chlorobenzene	0.20	0.50	ug/L
Chloroethane	0.20	0.50	ug/L
Chloroform	0.20	0.50	ug/L
Chloromethane	0.20	0.50	ug/L
cis-1,2-Dichloroethylene	0.20	0.50	ug/L
cis-1,3-Dichloropropylene	0.20	0.50	ug/L
Dibromochloromethane	0.20	0.50	ug/L
Dibromomethane	0.20	0.50	ug/L
Dichlorodifluoromethane	0.20	0.50	ug/L
Ethyl Benzene	0.20	0.50	ug/L
Hexachlorobutadiene	0.20	0.50	ug/L
Isopropylbenzene	0.20	0.50	ug/L
Methyl tert-butyl ether (MTBE)	0.20	0.50	ug/L
Methylene chloride	1.0	2.0	ug/L
Naphthalene	1.0	2.0	ug/L
n-Butylbenzene	0.20	0.50	ug/L
n-Propylbenzene	0.20	0.50	ug/L
o-Xylene	0.20	0.50	ug/L
p- & m- Xylenes	0.50	1.0	ug/L
p-Diethylbenzene	0.20	0.50	ug/L
p-Ethyltoluene	0.20	0.50	ug/L
p-Isopropyltoluene	0.20	0.50	ug/L
sec-Butylbenzene	0.20	0.50	ug/L
Styrene	0.20	0.50	ug/L
tert-Butylbenzene	0.20	0.50	ug/L
Tetrachloroethylene	0.20	0.50	ug/L
Toluene	0.20	0.50	ug/L
trans-1,2-Dichloroethylene	0.20	0.50	ug/L
trans-1,3-Dichloropropylene	0.20	0.50	ug/L
Trichloroethylene	0.20	0.50	ug/L
Trichlorofluoromethane	0.20	0.50	ug/L
Vinyl Chloride	0.20	0.50	ug/L
Xylenes, Total	0.60	1.5	ug/L

HOLDING TIME SUMMARY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

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
1A	04/28/16 11:20	05/02/16 14:50	05/05/16 16:52	7.23	14.00	05/06/16 02:46	7.64	14.00	
1B	04/28/16 11:35	05/02/16 14:50	05/05/16 16:52	7.22	14.00	05/06/16 03:11	7.65	14.00	
1C	04/28/16 11:50	05/02/16 14:50	05/05/16 16:52	7.21	14.00	05/06/16 03:37	7.66	14.00	
1D	04/28/16 12:40	05/02/16 14:50	05/06/16 09:31	7.87	14.00	05/06/16 13:23	8.03	14.00	
2A	04/27/16 10:50	05/02/16 14:50	05/06/16 09:31	8.95	14.00	05/06/16 13:49	9.12	14.00	
2B	04/27/16 10:35	05/02/16 14:50	05/06/16 09:31	8.96	14.00	05/06/16 17:39	9.29	14.00	
2C	04/27/16 09:25	05/02/16 14:50	05/06/16 09:31	9.00	14.00	05/06/16 15:05	9.24	14.00	
Field Duplicate	04/27/16 15:00	05/02/16 14:50	05/06/16 09:31	8.77	14.00	05/06/16 16:48	9.08	14.00	
3A	04/27/16 11:15	05/02/16 14:50	05/06/16 09:31	8.93	14.00	05/06/16 17:13	9.25	14.00	
3B	04/27/16 11:25	05/02/16 14:50	05/06/16 09:31	8.92	14.00	05/06/16 18:04	9.28	14.00	
3C	04/27/16 12:00	05/02/16 14:50	05/06/16 09:31	8.90	14.00	05/06/16 18:30	9.27	14.00	
4A	04/27/16 12:40	05/02/16 14:50	05/06/16 16:40	9.17	14.00	05/06/16 22:20	9.40	14.00	
4B	04/27/16 12:55	05/02/16 14:50	05/06/16 16:40	9.16	14.00	05/06/16 22:45	9.41	14.00	
4C	04/27/16 13:35	05/02/16 14:50	05/06/16 16:40	9.13	14.00	05/06/16 23:11	9.40	14.00	
5A	04/27/16 15:00	05/02/16 14:50	05/06/16 16:40	9.07	14.00	05/06/16 23:36	9.36	14.00	
5D	04/27/16 15:35	05/02/16 14:50	05/06/16 16:40	9.05	14.00	05/07/16 00:02	9.35	14.00	
6A	04/28/16 08:00	05/02/16 14:50	05/06/16 16:40	8.36	14.00	05/07/16 00:27	8.69	14.00	
6D	04/28/16 08:45	05/02/16 14:50	05/06/16 16:40	8.33	14.00	05/07/16 00:53	8.67	14.00	
7A	04/28/16 09:30	05/02/16 14:50	05/06/16 16:40	8.30	14.00	05/07/16 01:19	8.66	14.00	
7D	04/28/16 10:40	05/02/16 14:50	05/06/16 16:40	8.25	14.00	05/07/16 01:44	8.63	14.00	
Trip Blank	04/28/16 15:00	05/02/16 14:50	05/06/16 16:40	8.07	14.00	05/07/16 02:10	8.47	14.00	
Field Blank	04/28/16 15:00	05/02/16 14:50	05/06/16 16:40	8.07	14.00	05/07/16 02:35	8.48	14.00	

FORM I

ORGANIC ANALYSIS DATA SHEET

1A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-01 File ID: V8000864.D
 Sampled: 04/28/16 11:20 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 02:46
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5	2.5	U
71-55-6	1,1,1-Trichloroethane	5	2.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	2.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	2.5	U
79-00-5	1,1,2-Trichloroethane	5	2.5	U
75-34-3	1,1-Dichloroethane	5	2.5	U
75-35-4	1,1-Dichloroethylene	5	2.5	U
563-58-6	1,1-Dichloropropylene	5	2.5	U
87-61-6	1,2,3-Trichlorobenzene	5	2.5	U
96-18-4	1,2,3-Trichloropropane	5	2.5	U
527-53-7	1,2,4,5-Tetramethylbenzene	5	2.5	U
120-82-1	1,2,4-Trichlorobenzene	5	2.5	U
95-63-6	1,2,4-Trimethylbenzene	5	2.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	2.5	U
106-93-4	1,2-Dibromoethane	5	2.5	U
95-50-1	1,2-Dichlorobenzene	5	2.5	U
107-06-2	1,2-Dichloroethane	5	2.5	U
78-87-5	1,2-Dichloropropane	5	2.5	U
108-67-8	1,3,5-Trimethylbenzene	5	2.5	U
541-73-1	1,3-Dichlorobenzene	5	2.5	U
142-28-9	1,3-Dichloropropane	5	2.5	U
106-46-7	1,4-Dichlorobenzene	5	2.5	U
594-20-7	2,2-Dichloropropane	5	2.5	U
78-93-3	2-Butanone	5	10	U
95-49-8	2-Chlorotoluene	5	2.5	U
591-78-6	2-Hexanone	5	2.5	U
106-43-4	4-Chlorotoluene	5	2.5	U
108-10-1	4-Methyl-2-pentanone	5	2.5	U
67-64-1	Acetone	5	10	U
71-43-2	Benzene	5	2.5	U
108-86-1	Bromobenzene	5	2.5	U
74-97-5	Bromochloromethane	5	2.5	U
75-27-4	Bromodichloromethane	5	2.5	U
75-25-2	Bromoform	5	2.5	U
74-83-9	Bromomethane	5	2.5	U
75-15-0	Carbon disulfide	5	2.5	U
56-23-5	Carbon tetrachloride	5	2.5	U
108-90-7	Chlorobenzene	5	2.5	U
75-00-3	Chloroethane	5	2.5	U
67-66-3	Chloroform	5	2.5	U

FORM I

ORGANIC ANALYSIS DATA SHEET

1A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-01 File ID: V8000864.D
 Sampled: 04/28/16 11:20 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 02:46
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	5	2.5	U
156-59-2	cis-1,2-Dichloroethylene	5	14	D
10061-01-5	cis-1,3-Dichloropropylene	5	2.5	U
124-48-1	Dibromochloromethane	5	2.5	U
74-95-3	Dibromomethane	5	2.5	U
75-71-8	Dichlorodifluoromethane	5	2.5	U
100-41-4	Ethyl Benzene	5	2.5	U
87-68-3	Hexachlorobutadiene	5	2.5	U
98-82-8	Isopropylbenzene	5	2.5	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5	2.5	U
75-09-2	Methylene chloride	5	10	U
91-20-3	Naphthalene	5	10	U
104-51-8	n-Butylbenzene	5	2.5	U
103-65-1	n-Propylbenzene	5	2.5	U
95-47-6	o-Xylene	5	2.5	U
179601-23-1	p- & m- Xylenes	5	5.0	U
105-05-5	p-Diethylbenzene	5	2.5	U
622-96-8	p-Ethyltoluene	5	2.5	U
99-87-6	p-Isopropyltoluene	5	2.5	U
135-98-8	sec-Butylbenzene	5	2.5	U
100-42-5	Styrene	5	2.5	U
98-06-6	tert-Butylbenzene	5	2.5	U
127-18-4	Tetrachloroethylene	5	200	D
108-88-3	Toluene	5	2.5	U
156-60-5	trans-1,2-Dichloroethylene	5	2.5	U
10061-02-6	trans-1,3-Dichloropropylene	5	2.5	U
79-01-6	Trichloroethylene	5	150	D
75-69-4	Trichlorofluoromethane	5	2.5	U
75-01-4	Vinyl Chloride	5	2.5	U
1330-20-7	Xylenes, Total	5	7.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.2	112	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000864.D
 Acq On : 6 May 2016 2:46 am
 Operator : BK
 Sample : 16E0003-01
 Misc : V8050516B A RCP 10ML/50ML
 ALS Vial : 39 Sample Multiplier: 5

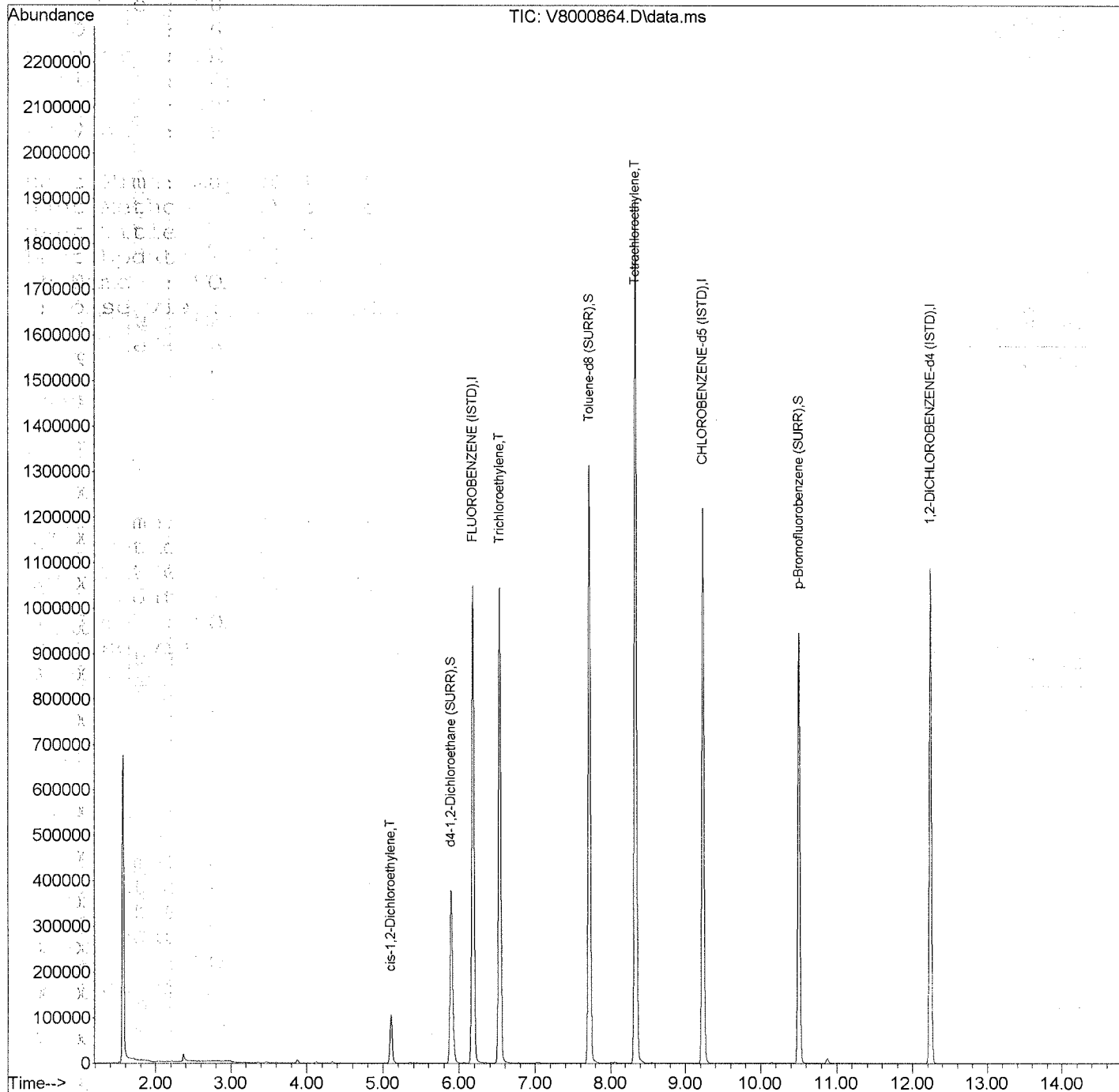
Quant Time: May 06 14:09:58 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

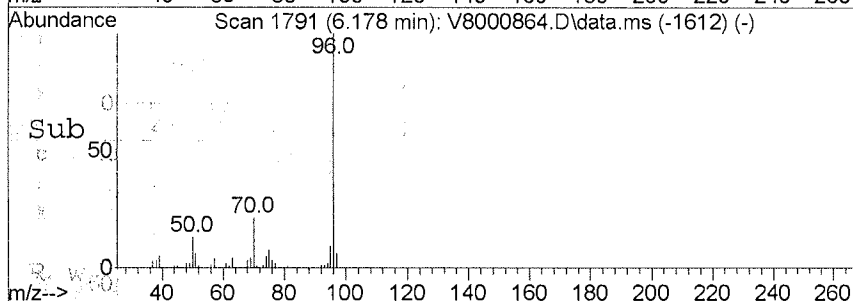
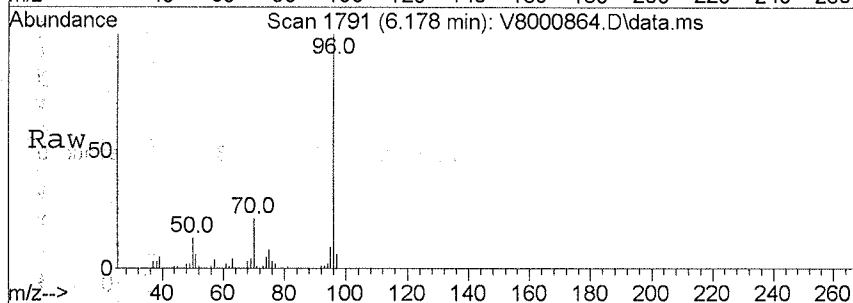
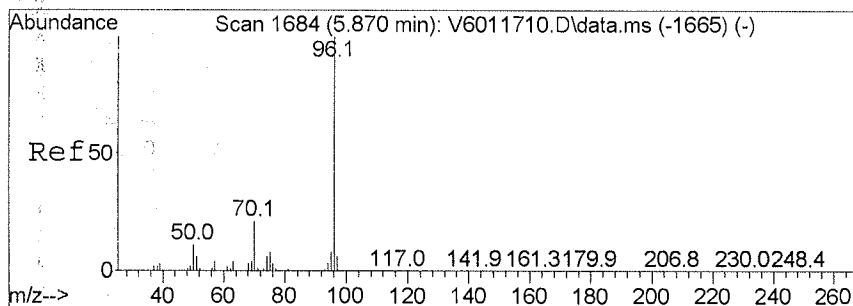
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	204607	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	762096	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	325708	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	271008	11.06	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	110.60%		
51) Toluene-d8 (SURR)	7.718	98	982205	10.58	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.80%		
70) p-Bromofluorobenzene (...)	10.504	95	385802	11.25	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	112.50%		
Target Compounds						
12) Acetone	3.367	43	64	Below Cal		96
13) Iodomethane	3.532	142	178	Below Cal		91
17) Methylene Chloride	3.875	49	3971	Below Cal	#	77
25) cis-1,2-Dichloroethylene	5.102	61	68603	2.79	ppb	97
26) 2-Butanone	5.130	72	286	Below Cal	#	23
41) Trichloroethylene	6.530	95	389174	29.29	ppb	97
56) Tetrachloroethylene	8.340	166	586641	39.93	ppb	# 70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050516\
Data File : V8000864.D
Acq On : 6 May 2016 2:46 am
Operator : BK
Sample : 16E0003-01
Misc : V8050516B A RCP 10ML/50ML
ALS Vial : 39 Sample Multiplier: 5

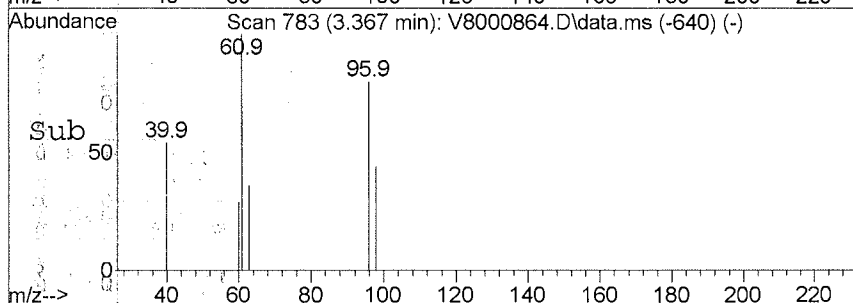
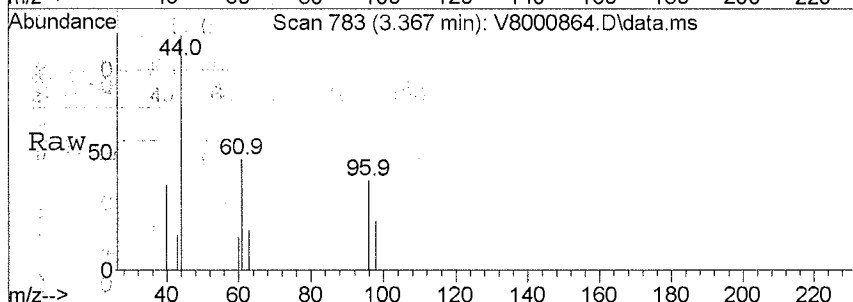
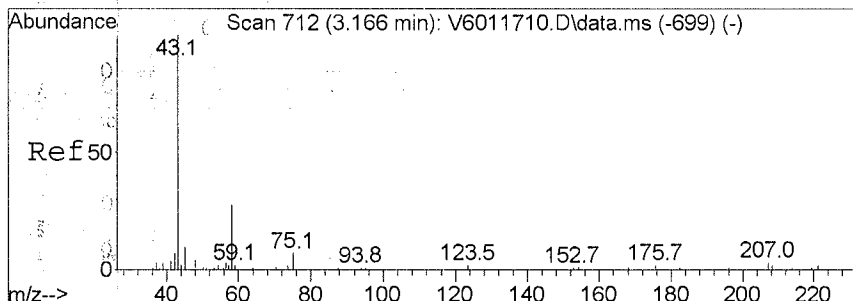
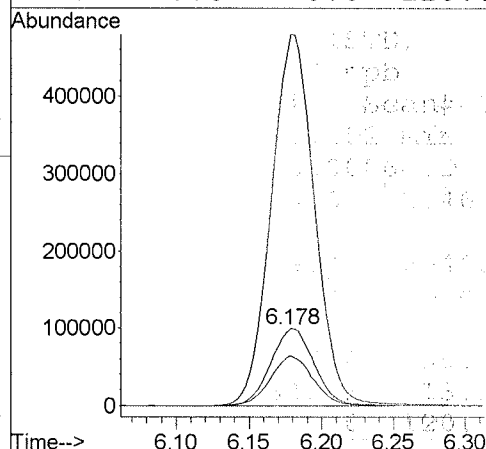
Quant Time: May 06 14:09:58 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





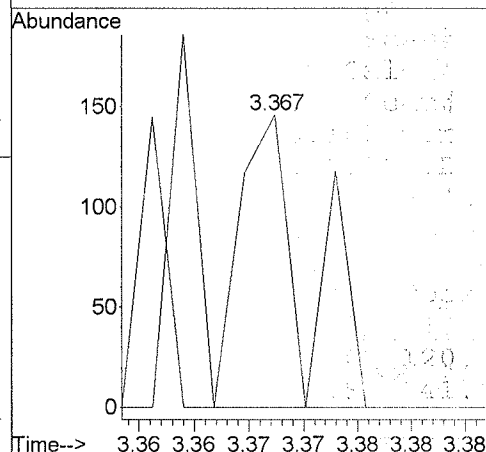
#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 6.178 min Scan# 1791
Delta R.T. -0.002 min
Lab File: V8000864.D
Acq: 6 May 2016 2:46 am

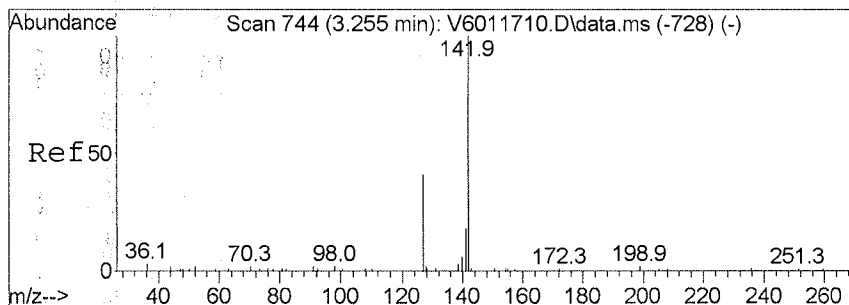
Tgt Ion: 70 Resp: 204607
Ion Ratio Lower Upper
70 100
70 100.0 65.0 135.0
96 486.9 343.3 713.1
50 0.0 0.0 120.6



#12
Acetone
Concen: Below Cal
RT: 3.367 min Scan# 783
Delta R.T. -0.102 min
Lab File: V8000864.D
Acq: 6 May 2016 2:46 am

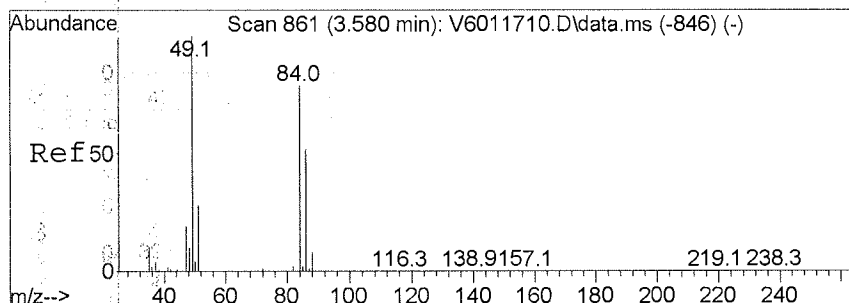
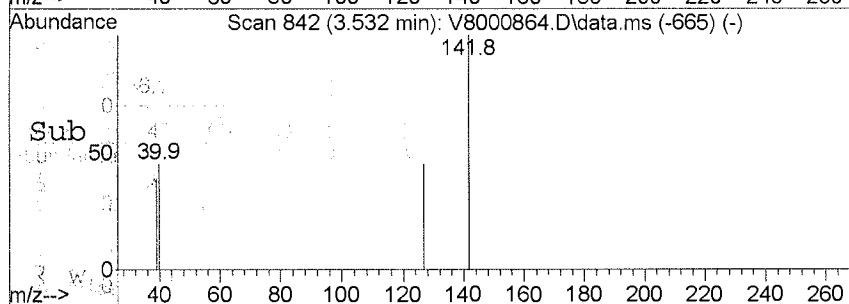
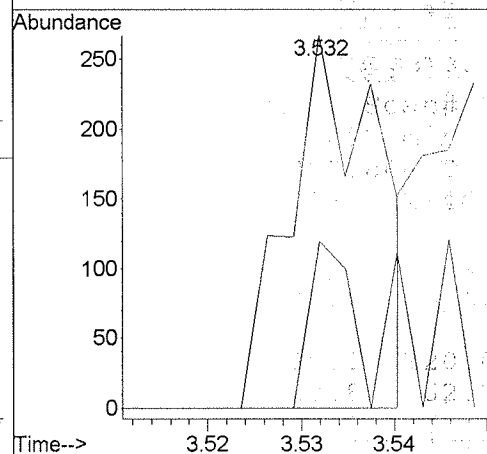
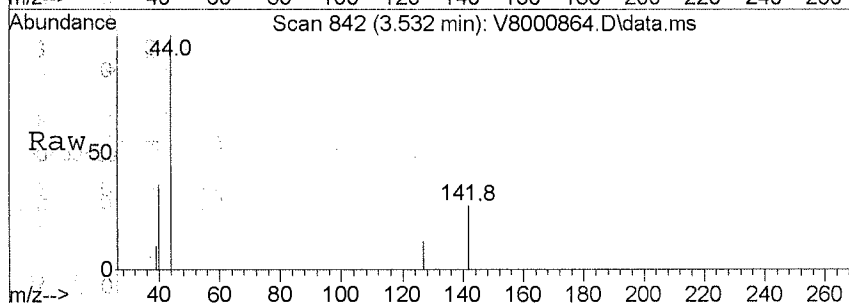
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
43 100.0 80.0 120.0
58 37.5 13.9 41.6





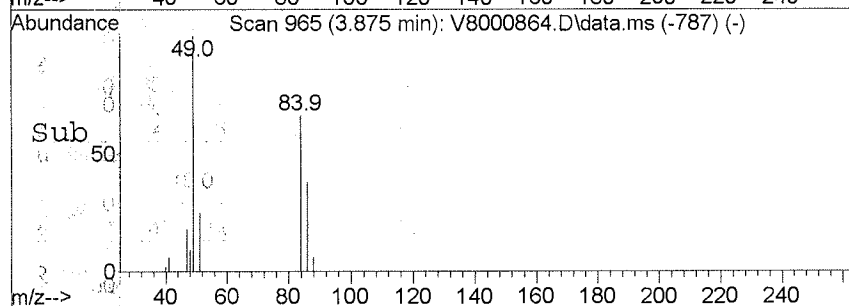
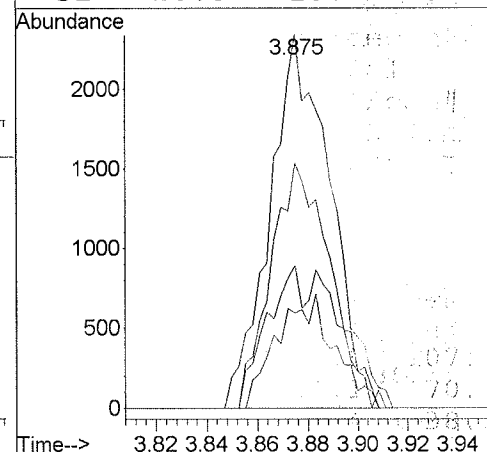
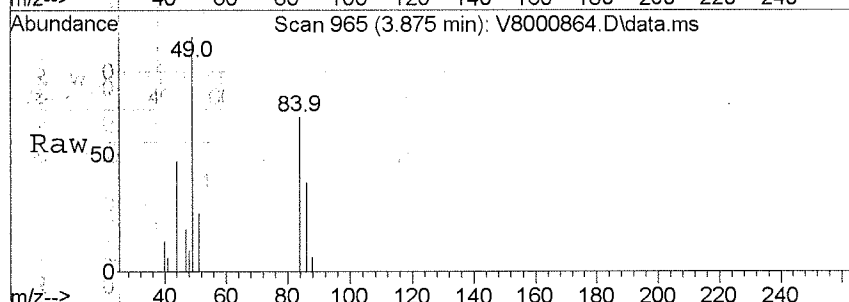
#13
Iodomethane
Concen: Below Cal
RT: 3.532 min Scan# 842
Delta R.T. -0.007 min
Lab File: V8000864.D
Acq: 6 May 2016 2:46 am

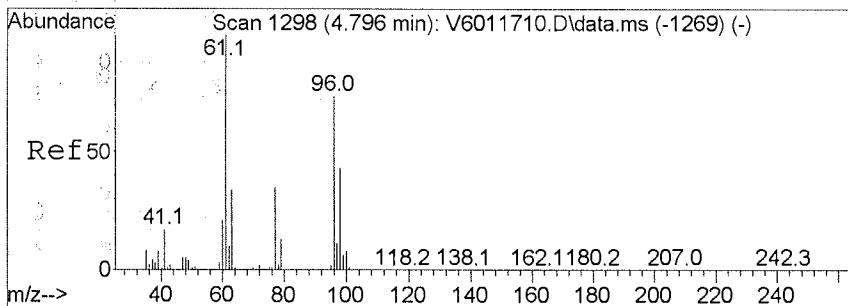
Tgt Ion:142 Resp: 178
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 21.9 20.8 62.2



#17
Methylene Chloride
Concen: Below Cal
RT: 3.875 min Scan# 965
Delta R.T. -0.003 min
Lab File: V8000864.D
Acq: 6 May 2016 2:46 am

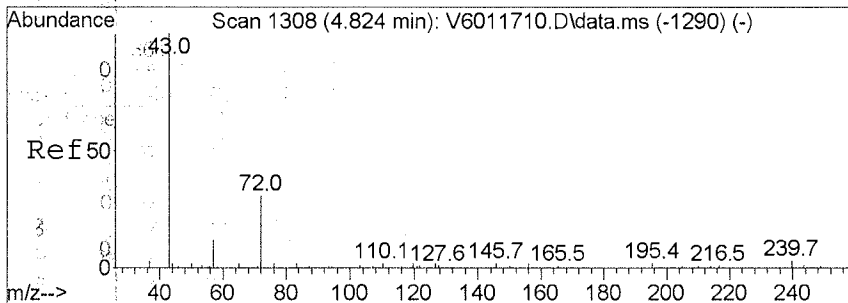
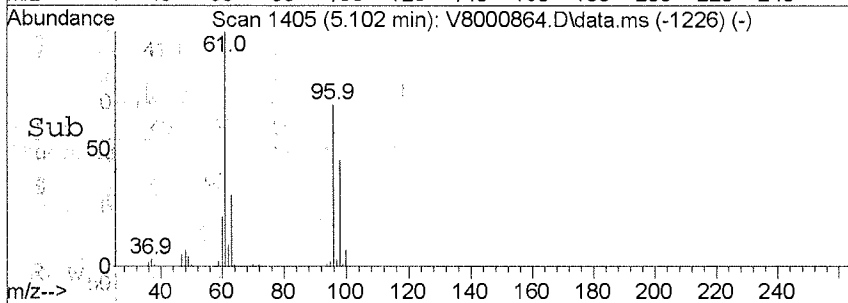
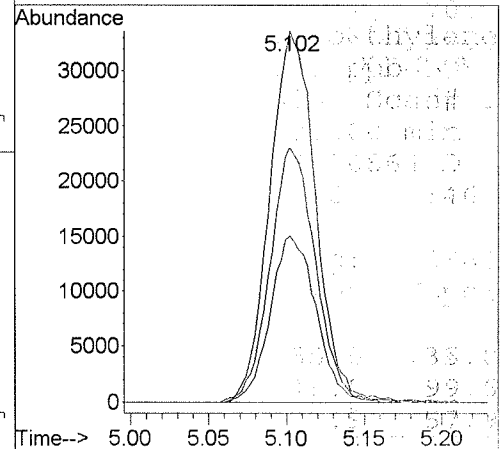
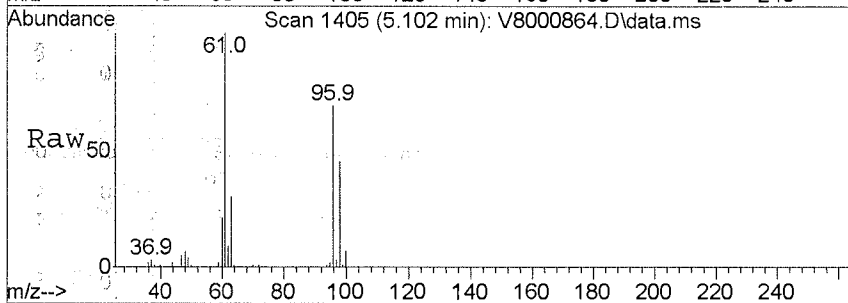
Tgt Ion: 49 Resp: 3971
Ion Ratio Lower Upper
49 100
84 64.1 51.5 107.1
86 21.7 34.1 70.7#
51 28.3 18.4 38.2





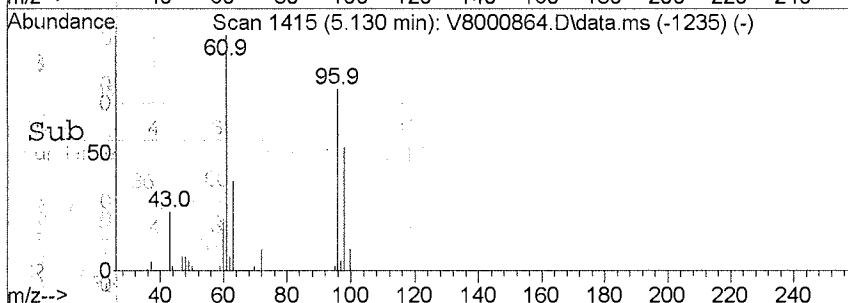
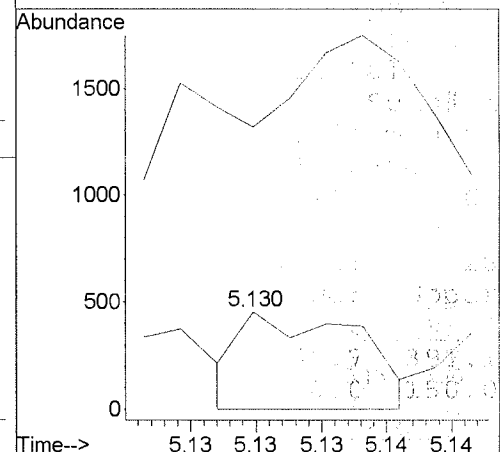
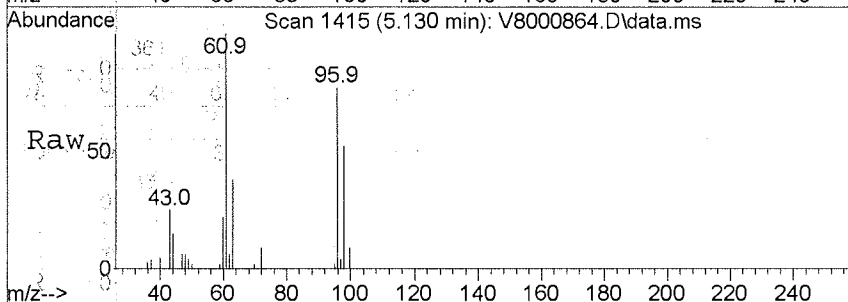
#25
 cis-1,2-Dichloroethylene
 Concen: 2.79 ppb
 RT: 5.102 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: V8000864.D
 Acq: 6 May 2016 2:46 am

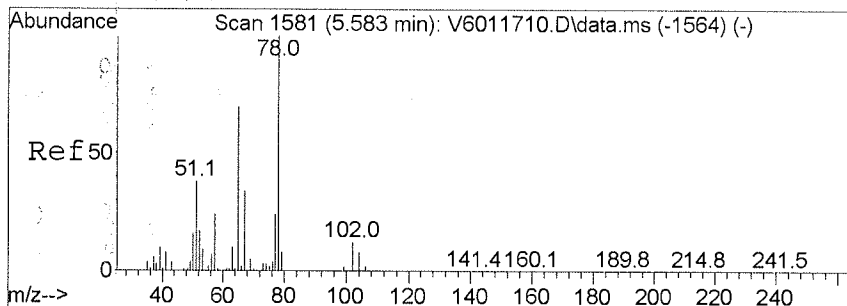
Tgt Ion: 61 Resp: 68603
 Ion Ratio Lower Upper
 61 100
 61 100.0 65.0 135.0
 96 67.8 48.0 99.6
 98 44.4 27.9 57.9



#26
 2-Butanone
 Concen: Below Cal
 RT: 5.130 min Scan# 1415
 Delta R.T. 0.001 min
 Lab File: V8000864.D
 Acq: 6 May 2016 2:46 am

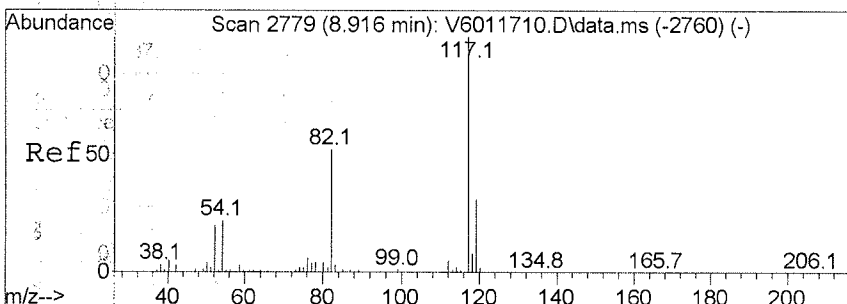
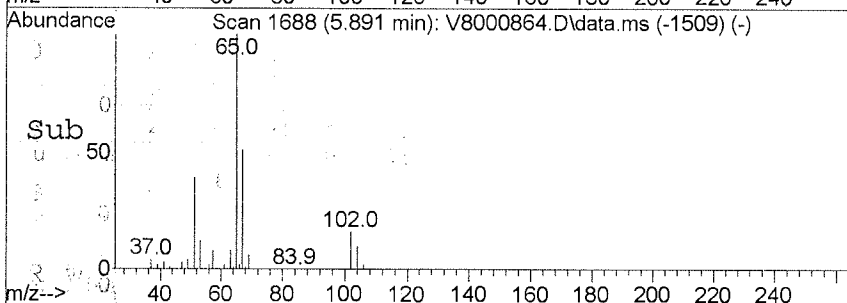
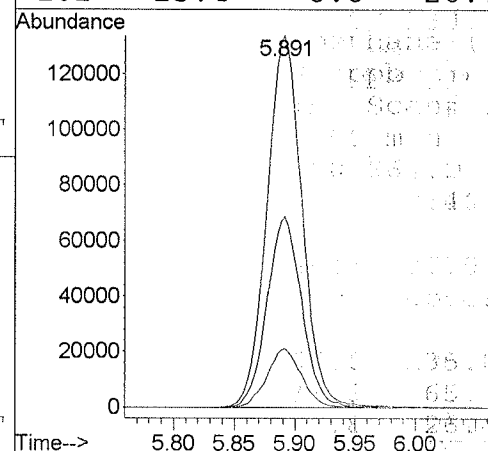
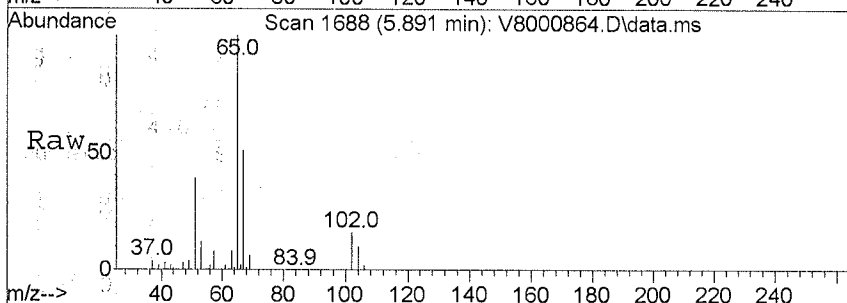
Tgt Ion: 72 Resp: 286
 Ion Ratio Lower Upper
 72 100
 43 533.2 260.7 391.1#
 72 100.0 50.0 150.0





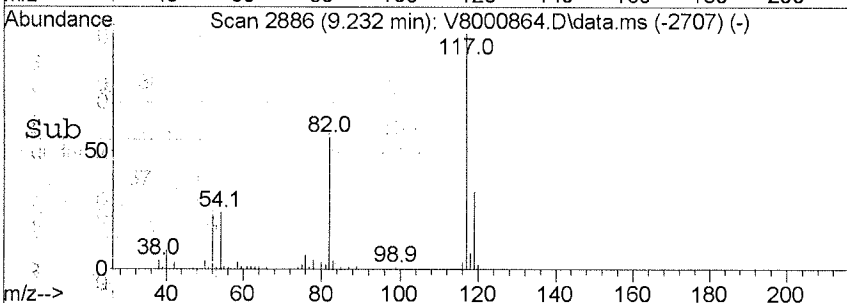
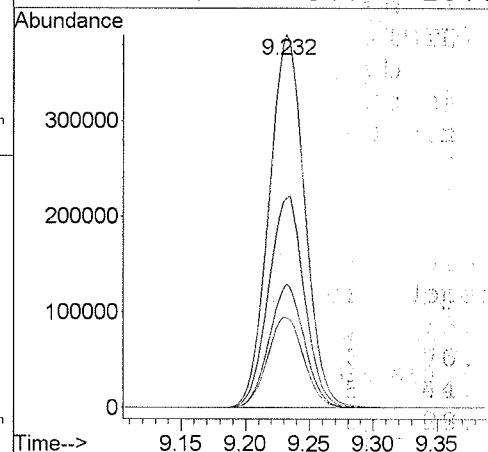
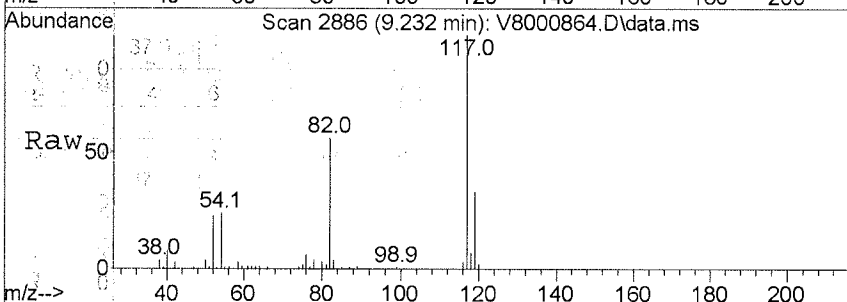
#34
d4-1,2-Dichloroethane (SURR)
Concen: 11.06 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000864.D
Acq: 6 May 2016 2:46 am

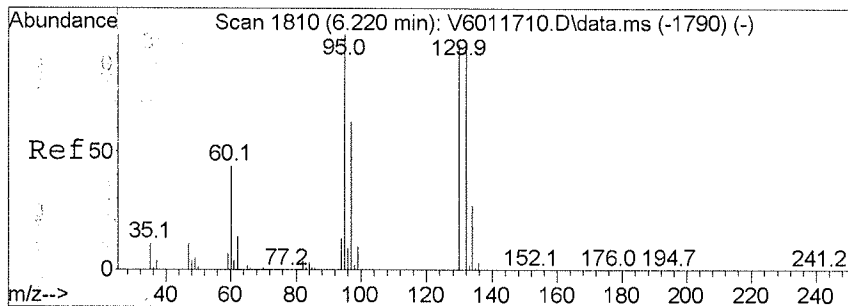
Tgt Ion:	65	Resp:	271008
Ion	Ratio	Lower	Upper
65	100		
65	100.0	65.0	135.0
67	51.0	31.3	65.1
102	15.4	8.8	26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. -0.000 min
Lab File: V8000864.D
Acq: 6 May 2016 2:46 am

Tgt Ion:	117	Resp:	762096
Ion	Ratio	Lower	Upper
117	100		
82	56.8	34.0	70.6
119	32.4	21.5	44.7
54	24.7	13.8	28.6





#41

Trichloroethylene

Concen: 29.29 ppb

RT: 6.530 min Scan# 1917

Delta R.T. 0.002 min

Lab File: V8000864.D

Acq: 6 May 2016 2:46 am

Tgt Ion: 95 Resp: 389174

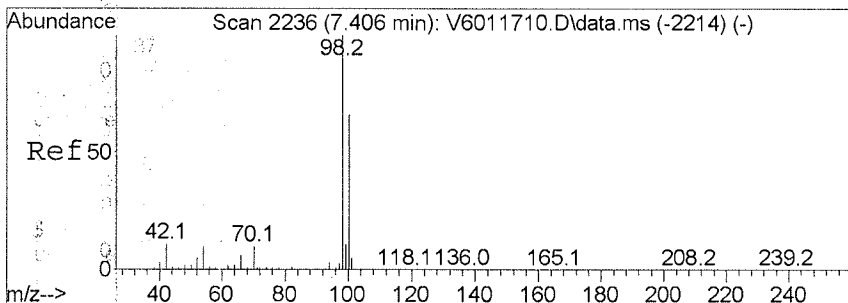
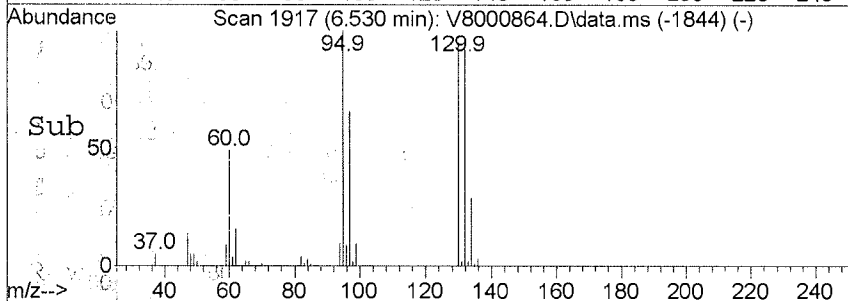
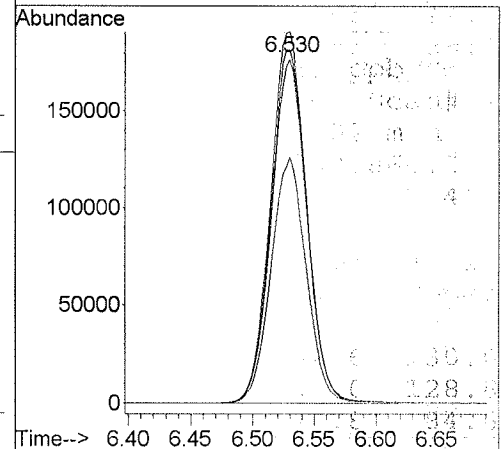
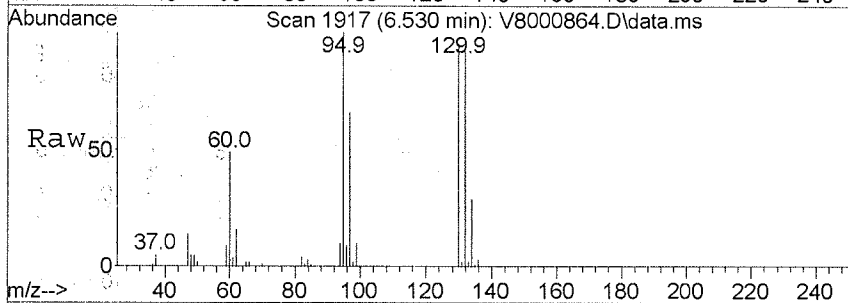
Ion Ratio Lower Upper

95 100

130 94.5 62.6 130.0

132 90.4 62.0 128.8

97 64.5 40.8 84.6



#51

Toluene-d8 (SURR)

Concen: 10.58 ppb

RT: 7.718 min Scan# 2343

Delta R.T. 0.002 min

Lab File: V8000864.D

Acq: 6 May 2016 2:46 am

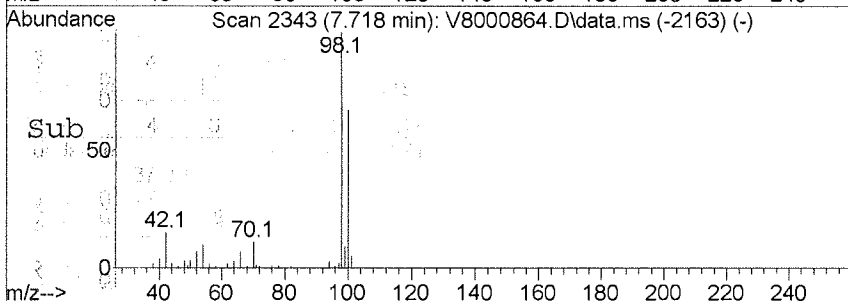
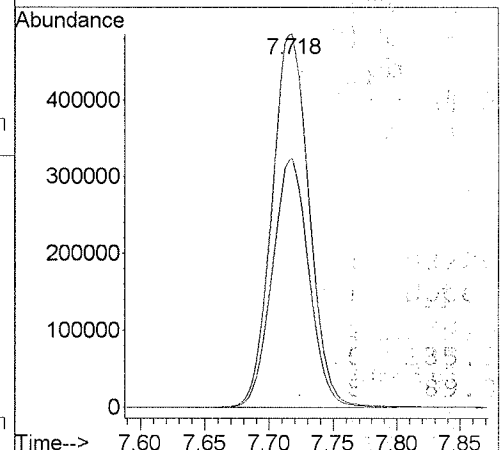
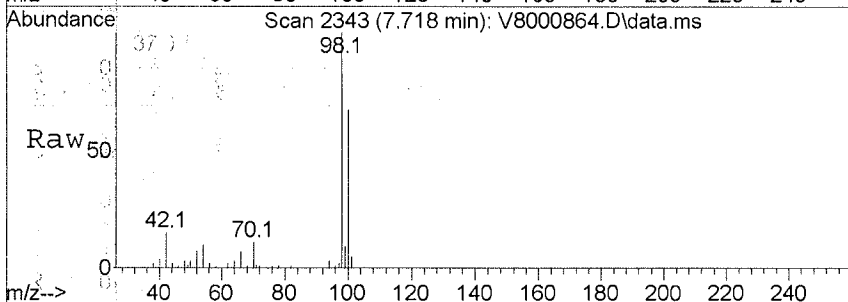
Tgt Ion: 98 Resp: 982205

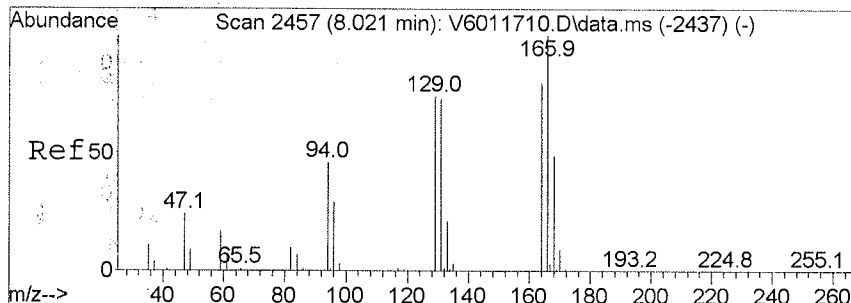
Ion Ratio Lower Upper

98 100

98 100.0 65.0 135.0

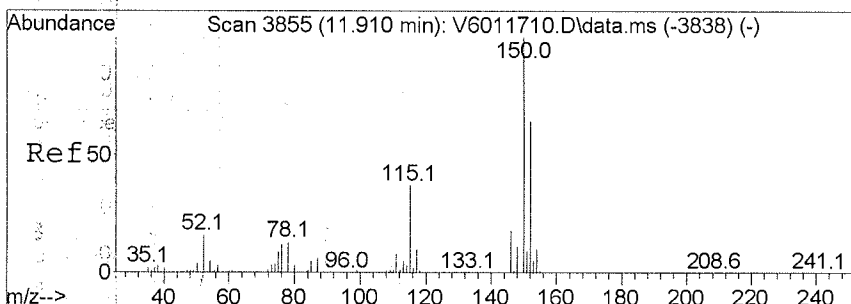
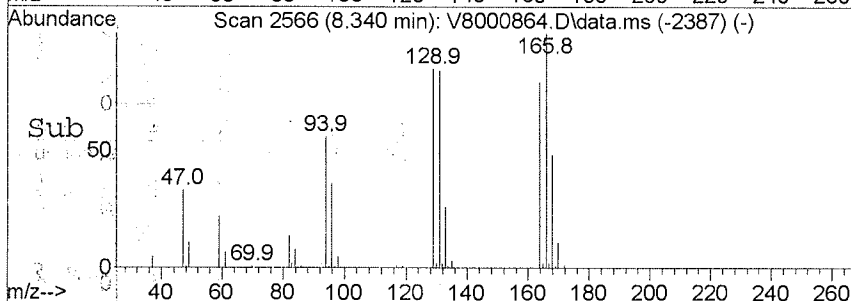
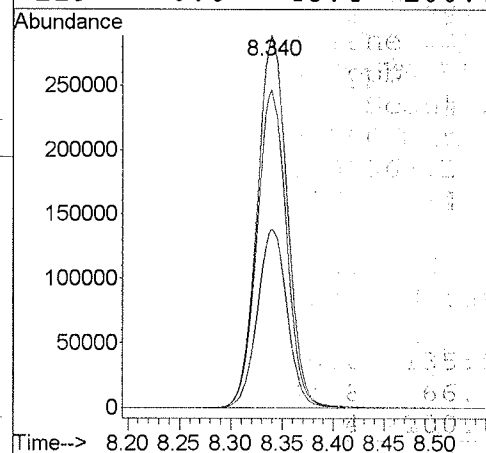
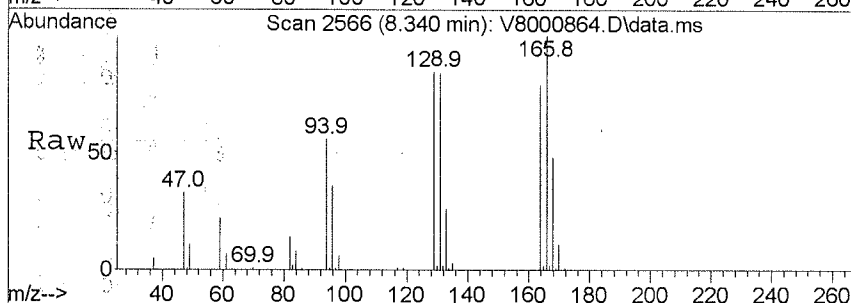
100 65.7 42.8 89.0





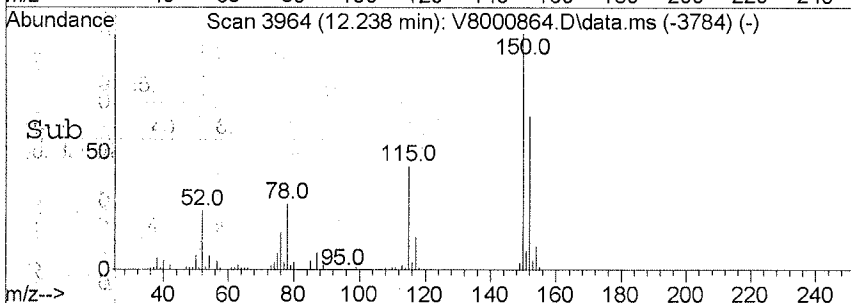
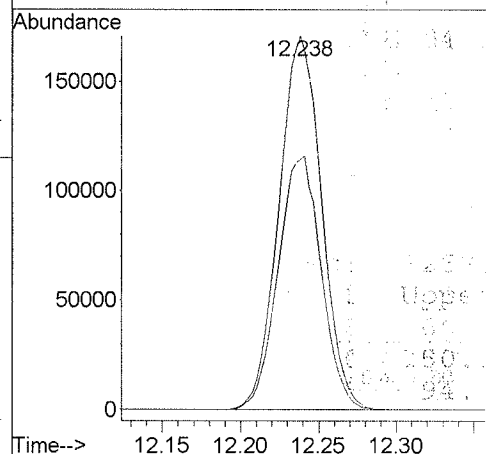
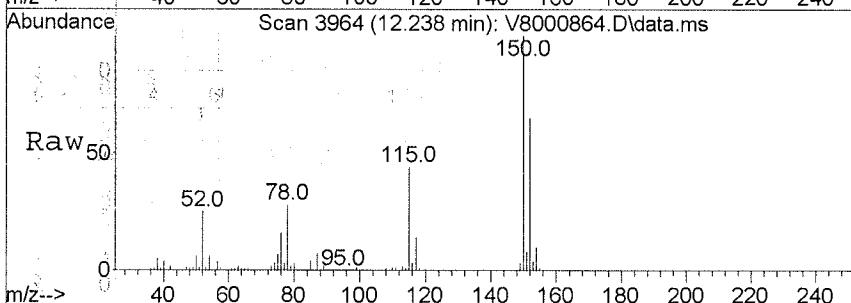
#56
Tetrachloroethylene
Concen: 39.93 ppb
RT: 8.340 min Scan# 2566
Delta R.T. -0.000 min
Lab File: V8000864.D
Acq: 6 May 2016 2:46 am

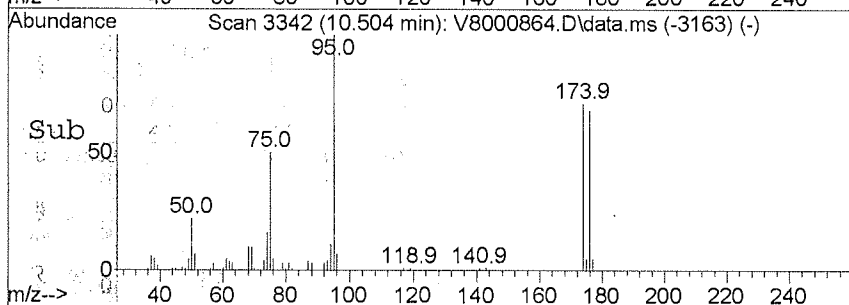
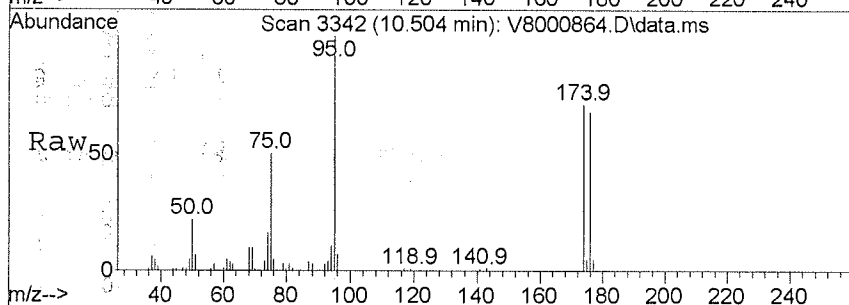
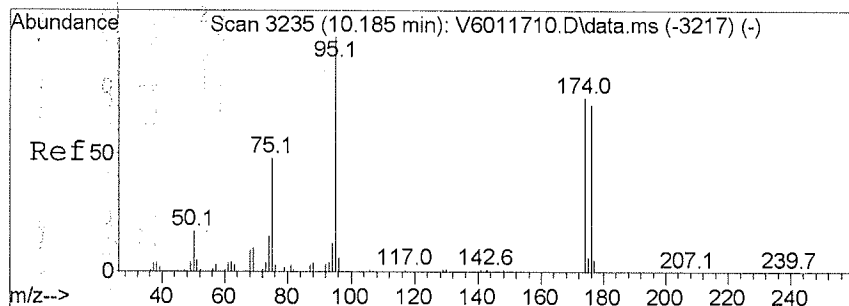
Tgt Ion	Ratio	Lower	Upper
166	100		
166	100.0	65.0	135.0
168	47.7	31.8	66.0
129	0.0	48.4	100.4#



#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000864.D
Acq: 6 May 2016 2:46 am

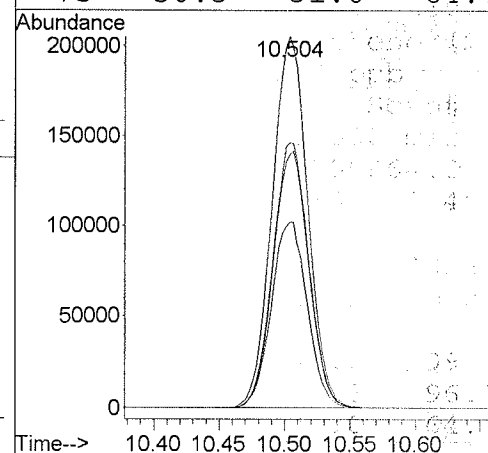
Tgt Ion	Ratio	Lower	Upper
152	100		
152	100.0	50.0	150.0
115	68.5	31.5	94.5





#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.25 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. -0.000 min
 Lab File: V8000864.D
 Acq: 6 May 2016 2:46 am

Tgt Ion:	95	Resp:	385802
Ion Ratio	Lower	Upper	
95	100		
174	71.7	47.8	99.4
176	69.2	46.3	96.1
75	50.3	31.0	64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

1B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-02 File ID: V8000865.D
 Sampled: 04/28/16 11:35 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 03:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	1.6	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.40	J
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

1B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-02 File ID: V8000865.D
 Sampled: 04/28/16 11:35 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 03:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	1.8	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	30	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	9.4	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.0	110	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000865.D
 Acq On : 6 May 2016 3:11 am
 Operator : BK
 Sample : 16E0003-02
 Misc : V8050516B A RCP
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 06 14:11:10 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

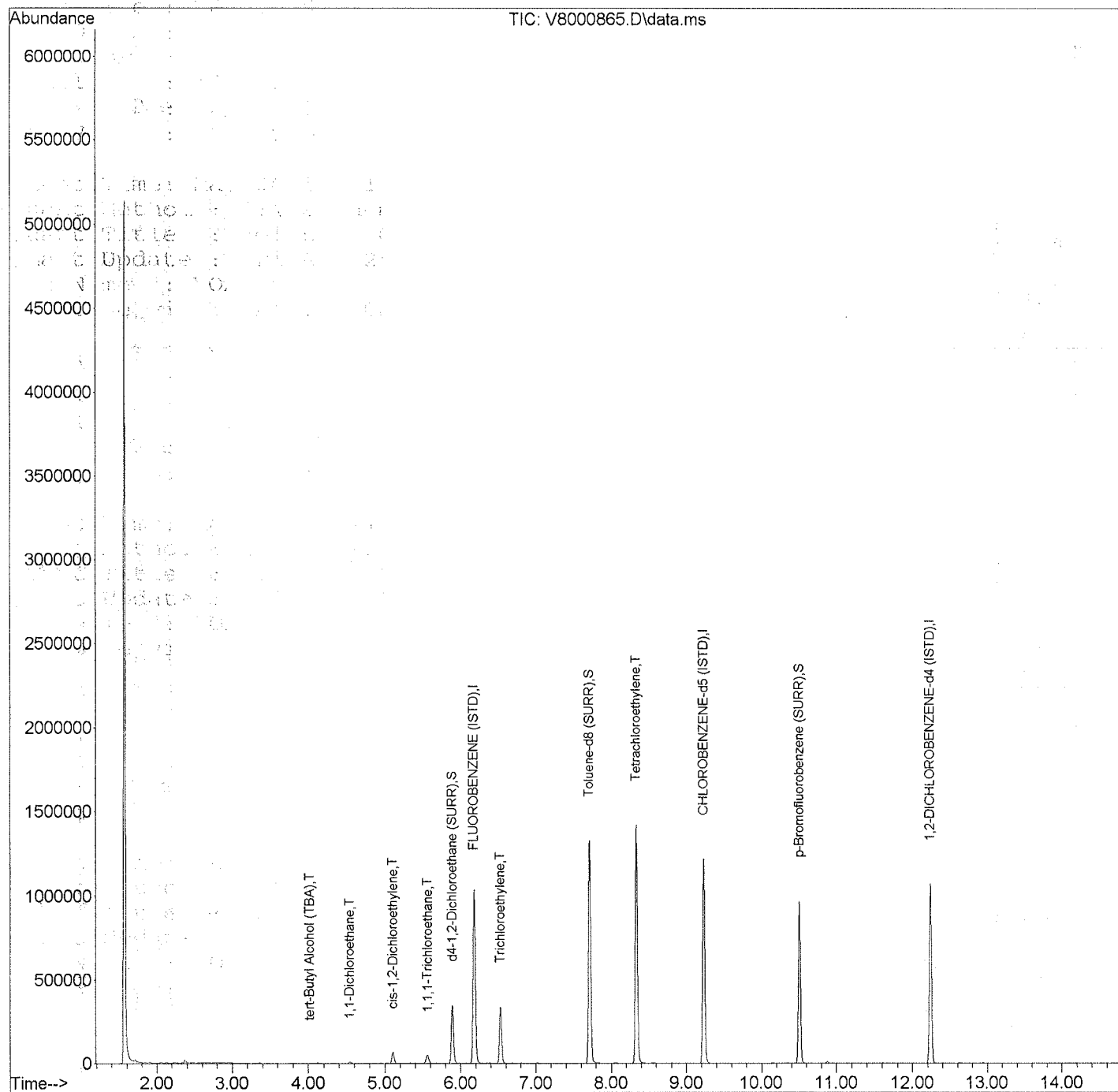
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

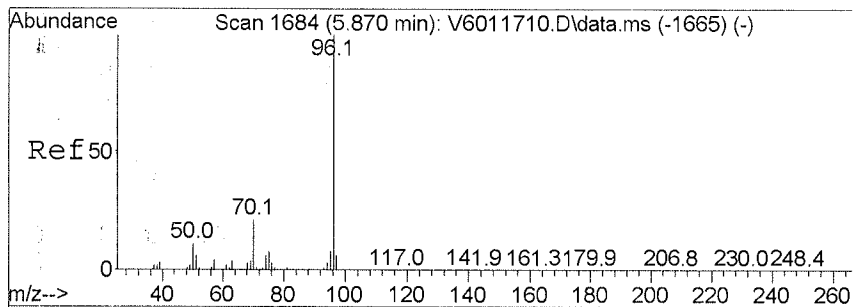
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.176	70	204320	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	760665	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.235	152	322101	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	268992	10.99	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	109.90%		
51) Toluene-d8 (SURR)	7.715	98	983679	10.62	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.20%		
70) p-Bromofluorobenzene (...)	10.504	95	387508	11.43	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	114.30%		
Target Compounds						
						Qvalue
12) Acetone	3.479	43	2745	Below Cal		100
13) Iodomethane	3.535	142	294	Below Cal	#	81
16) tert-Butyl Alcohol (TBA)	4.020	59	945m	1.08	ppb	
17) Methylene Chloride	3.878	49	433	Below Cal	#	66
21) 1,1-Dichloroethane	4.544	63	10450	0.40	ppb	# 91
25) cis-1,2-Dichloroethylene	5.105	61	44893	1.83	ppb	97
26) 2-Butanone	4.940	72	67	Below Cal		83
31) 1,1,1-Trichloroethane	5.565	97	37495	1.55	ppb	96
41) Trichloroethylene	6.527	95	124204	9.37	ppb	97
56) Tetrachloroethylene	8.340	166	439241	29.95	ppb	# 70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050516\
Data File : V8000865.D
Acq On : 6 May 2016 3:11 am
Operator : BK
Sample : 16E0003-02
Misc : V8050516B A RCP
ALS Vial : 40 Sample Multiplier: 1

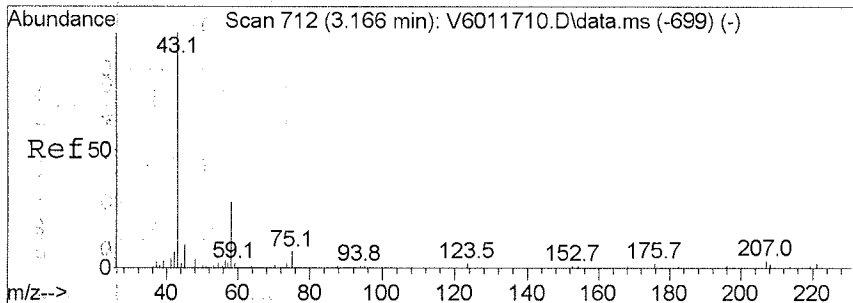
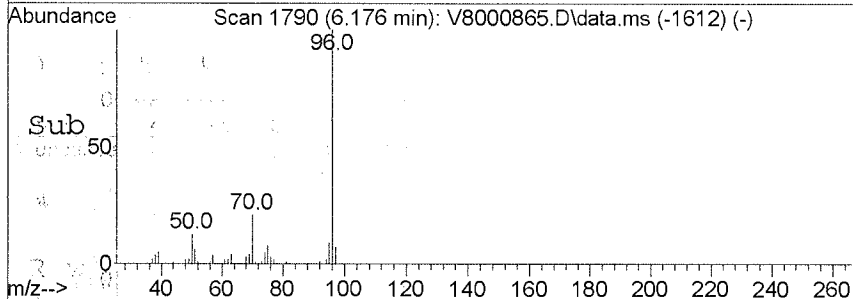
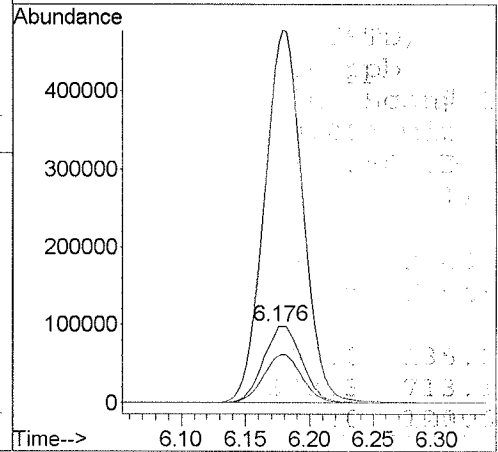
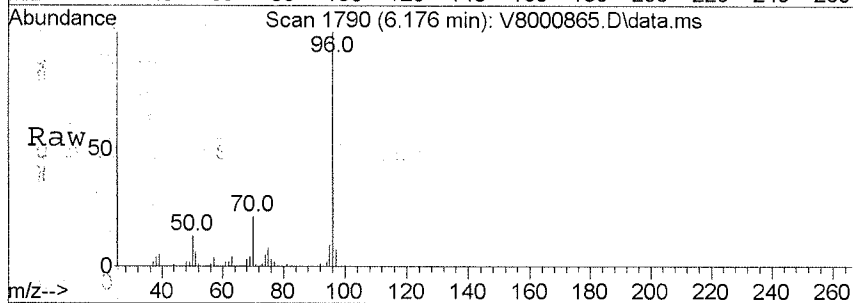
Quant Time: May 06 14:11:10 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





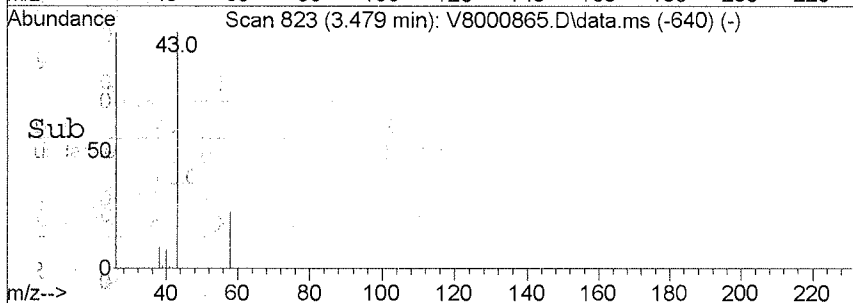
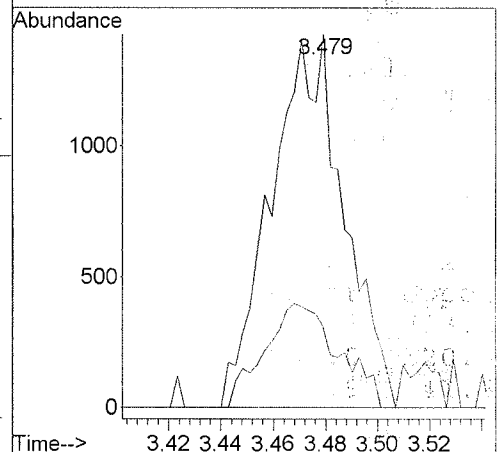
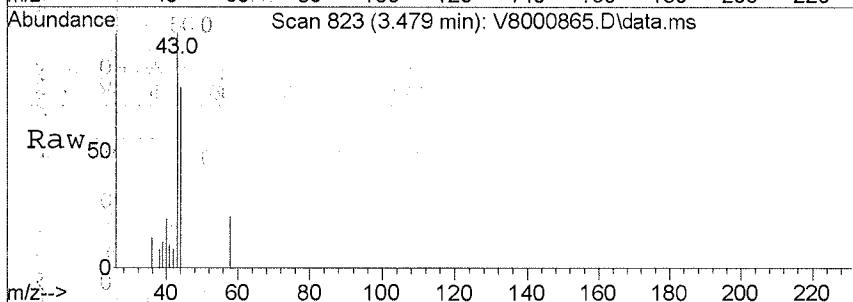
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.176 min Scan# 1790
 Delta R.T. -0.004 min
 Lab File: V8000865.D
 Acq: 6 May 2016 3:11 am

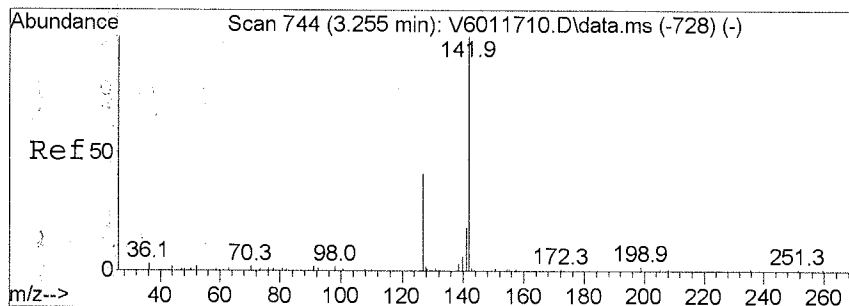
Tgt Ion	Ratio	Lower	Upper
70	100		
70	100.0	65.0	135.0
96	483.3	343.3	713.1
50	62.7	0.0	120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.479 min Scan# 823
 Delta R.T. 0.010 min
 Lab File: V8000865.D
 Acq: 6 May 2016 3:11 am

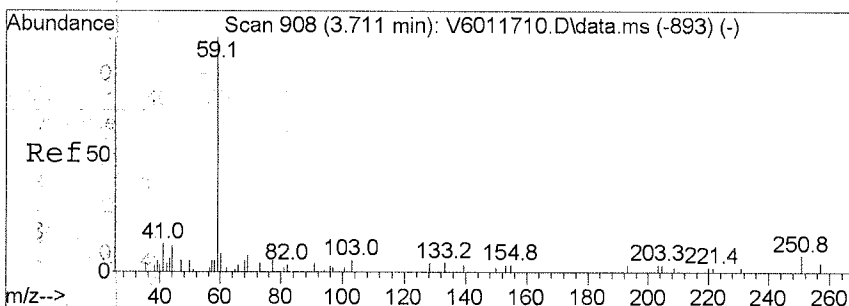
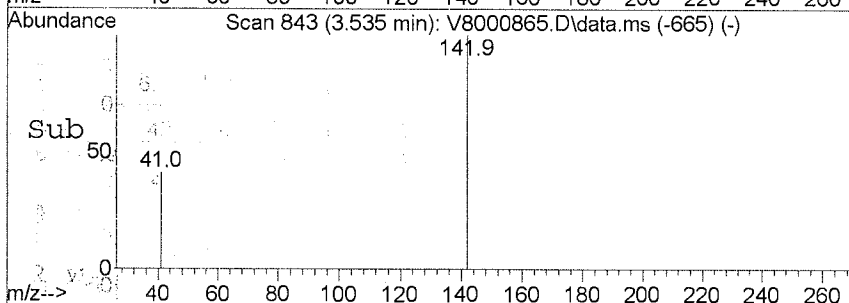
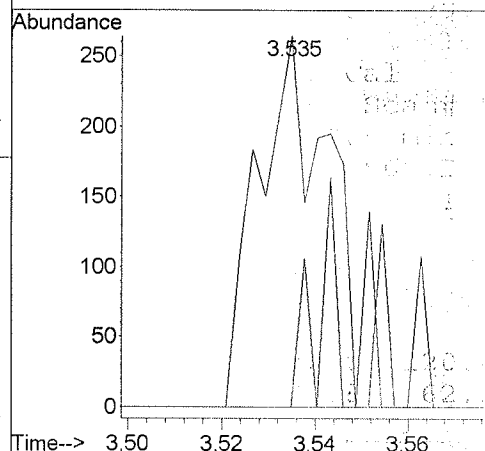
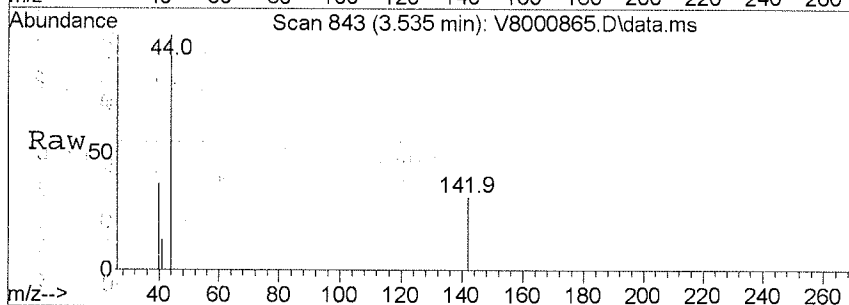
Tgt Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	28.6	13.9	41.6





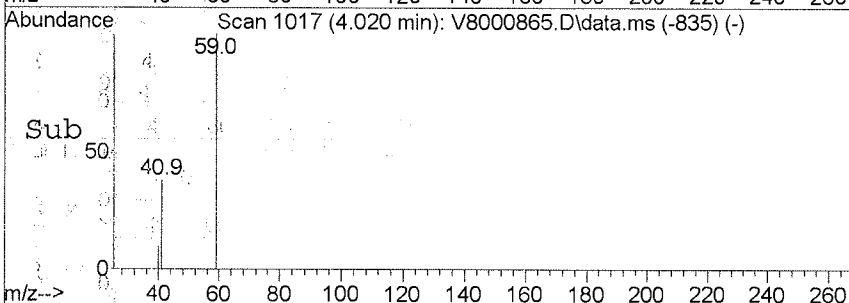
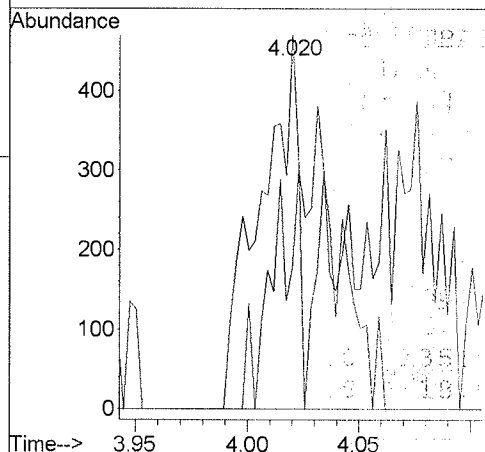
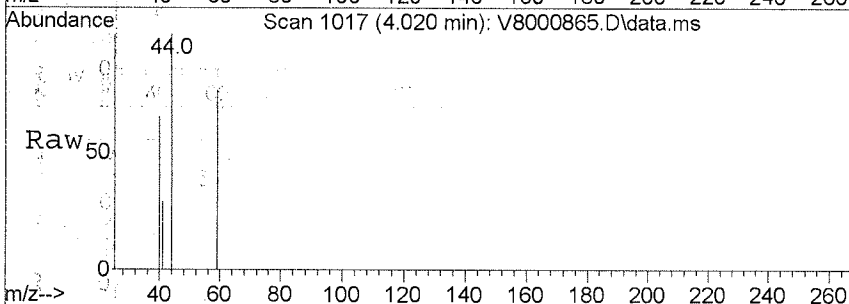
#13
Iodomethane
Concen: Below Cal
RT: 3.535 min Scan# 843
Delta R.T. -0.005 min
Lab File: V8000865.D
Acq: 6 May 2016 3:11 am

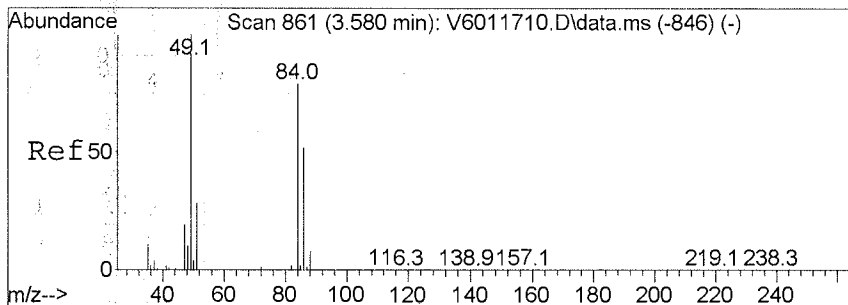
Tgt Ion: 142 Resp: 294
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#



#16
tert-Butyl Alcohol (TBA)
Concen: 1.08 ppb m
RT: 4.020 min Scan# 1017
Delta R.T. 0.009 min
Lab File: V8000865.D
Acq: 6 May 2016 3:11 am

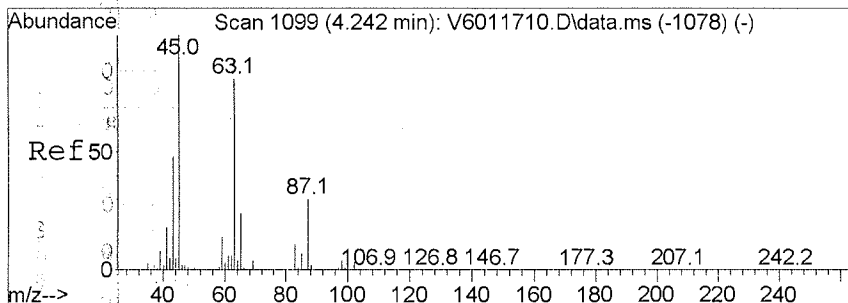
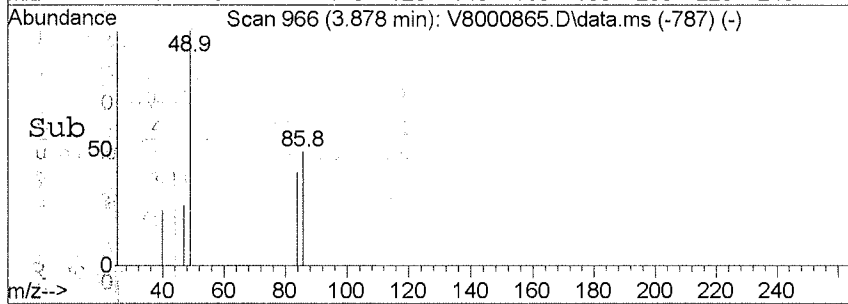
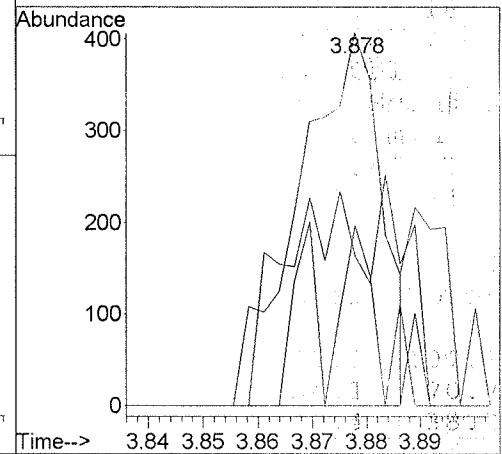
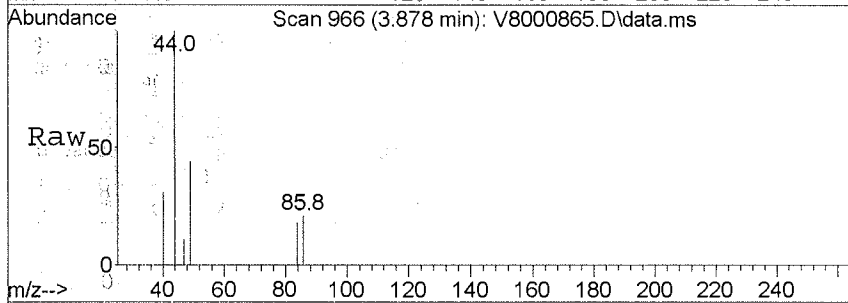
Tgt Ion: 59 Resp: 945
Ion Ratio Lower Upper
59 100
59 62.1 65.0 135.0#
41 0.0 6.0 18.0#





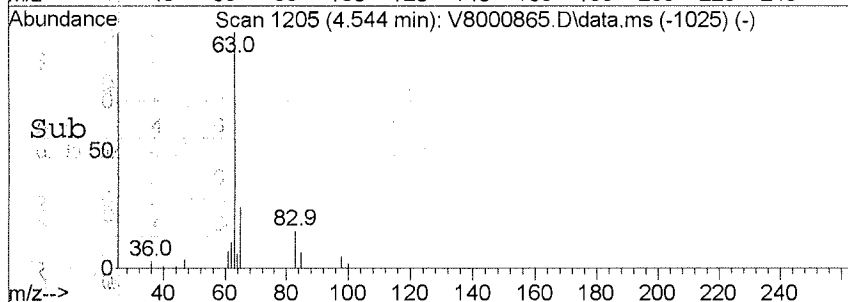
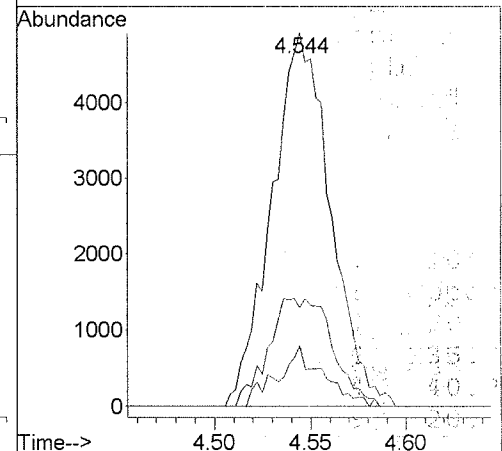
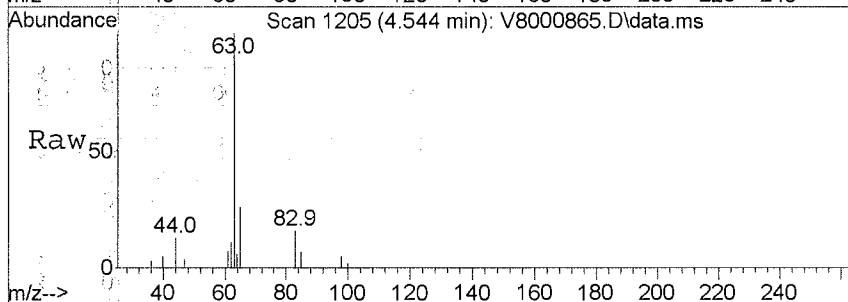
#17
Methylene Chloride
Concen: Below Cal
RT: 3.878 min Scan# 966
Delta R.T. 0.000 min
Lab File: V8000865.D
Acq: 6 May 2016 3:11 am

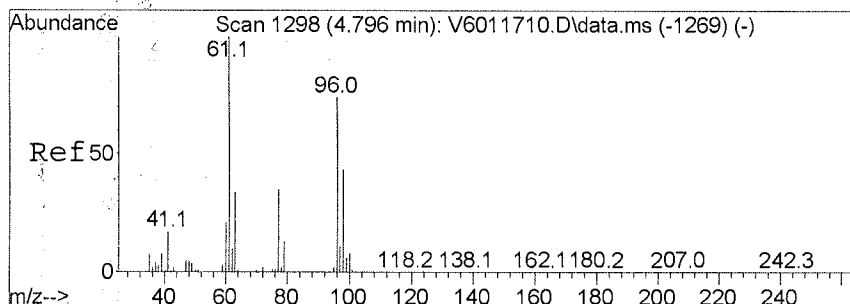
Tgt Ion: 49 Resp: 433
Ion Ratio Lower Upper
49 100
84 53.8 51.5 107.1
86 21.5 34.1 70.7#
51 12.9 18.4 38.2#



#21
1,1-Dichloroethane
Concen: 0.40 ppb
RT: 4.544 min Scan# 1205
Delta R.T. 0.001 min
Lab File: V8000865.D
Acq: 6 May 2016 3:11 am

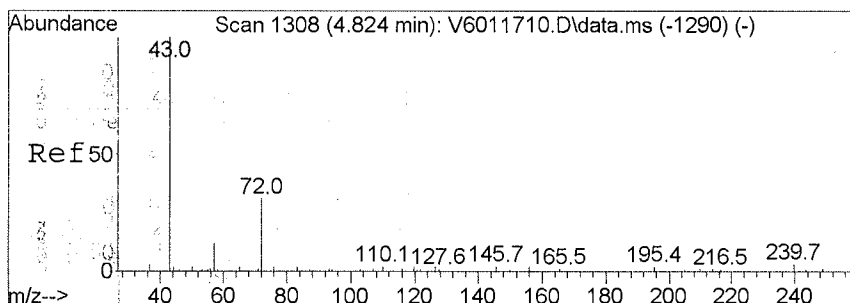
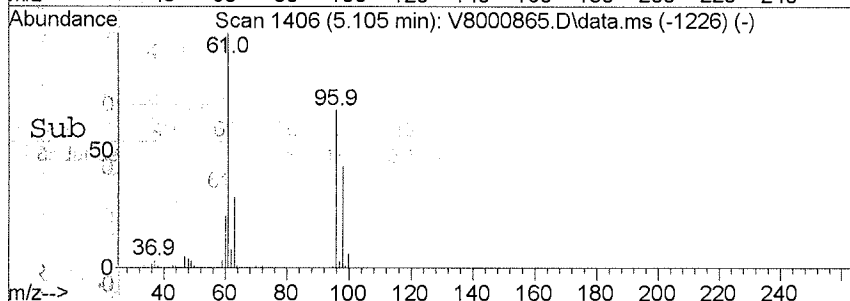
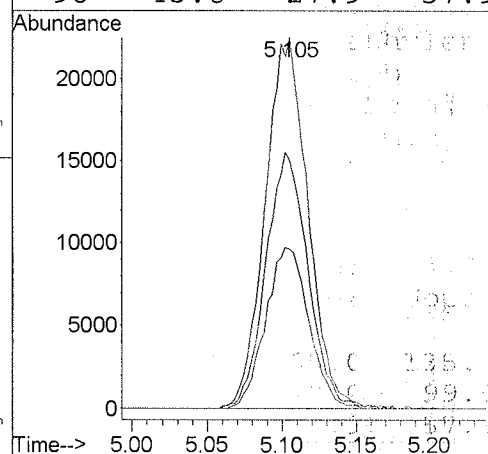
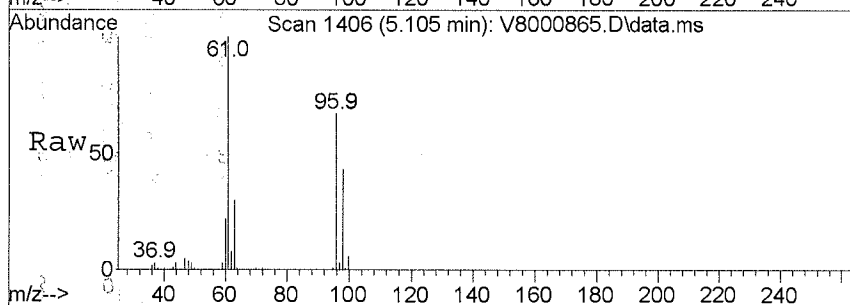
Tgt Ion: 63 Resp: 10450
Ion Ratio Lower Upper
63 100
63 100.0 65.0 135.0
65 16.1 19.4 40.2#
83 0.0 6.9 20.7#





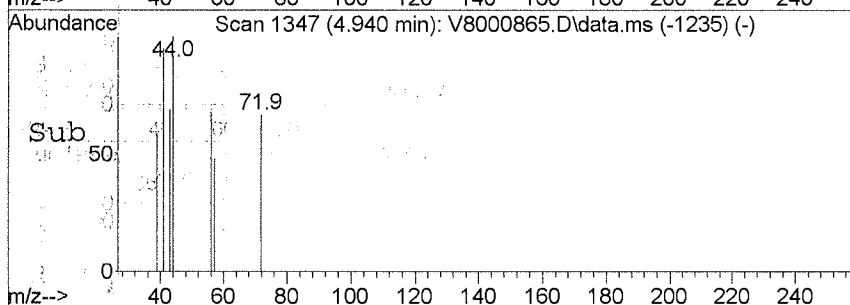
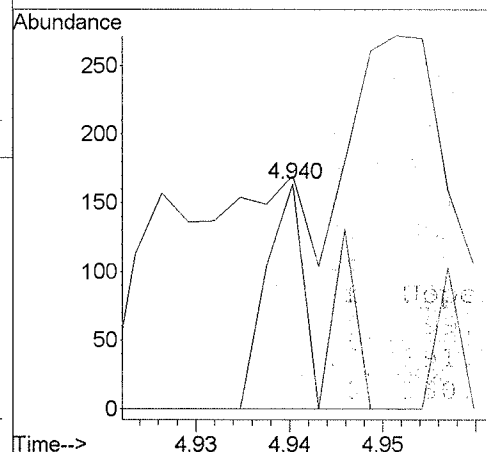
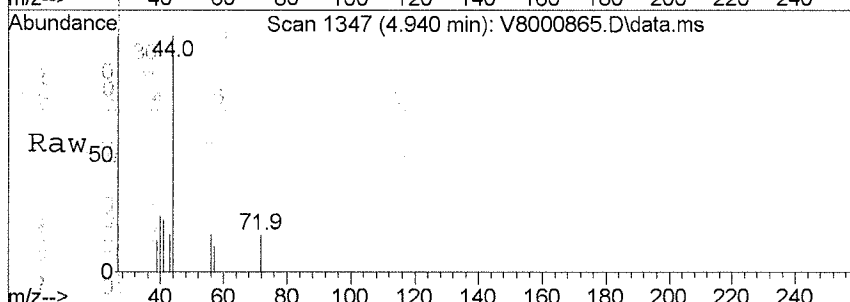
#25
 cis-1,2-Dichloroethylene
 Concen: 1.83 ppb
 RT: 5.105 min Scan# 1406
 Delta R.T. 0.003 min
 Lab File: V8000865.D
 Acq: 6 May 2016 3:11 am

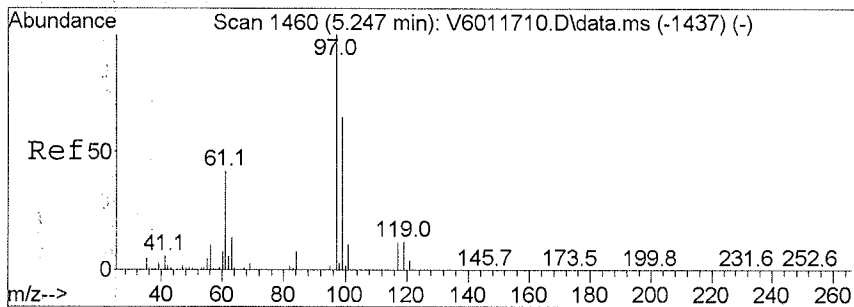
Tgt Ion: 61 Resp: 44893
 Ion Ratio Lower Upper
 61 100
 61 100.0 65.0 135.0
 96 67.8 48.0 99.6
 98 43.8 27.9 57.9



#26
 2-Butanone
 Concen: Below Cal
 RT: 4.940 min Scan# 1347
 Delta R.T. -0.188 min
 Lab File: V8000865.D
 Acq: 6 May 2016 3:11 am

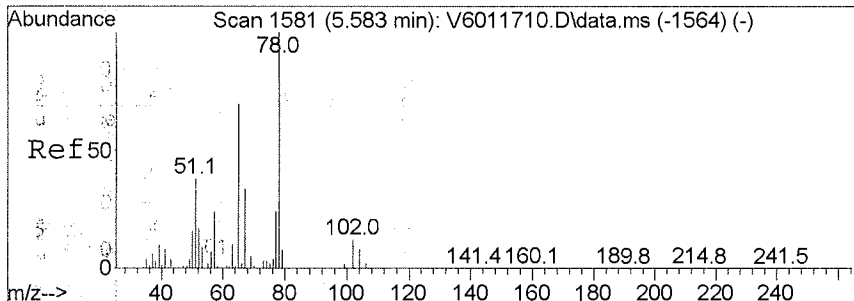
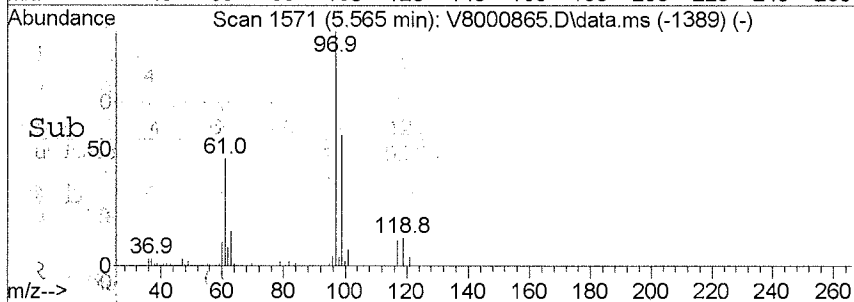
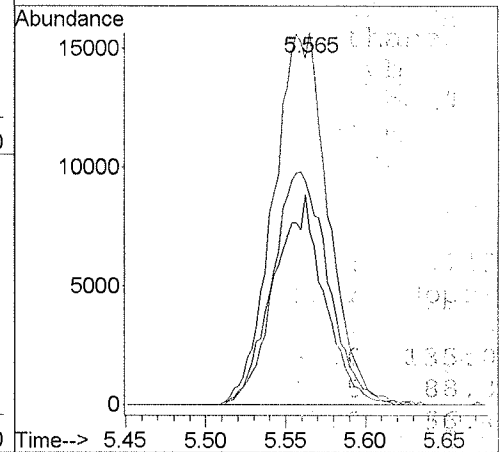
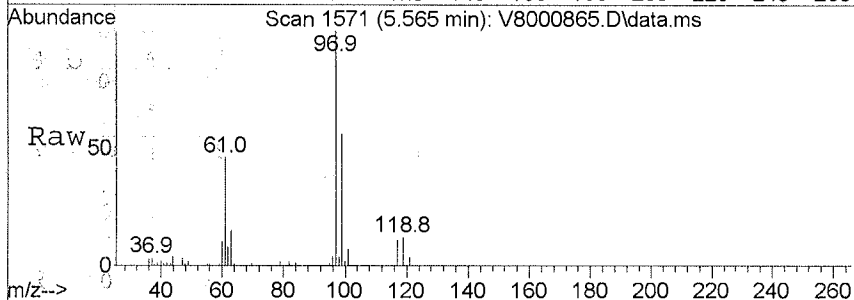
Tgt Ion: 72 Resp: 67
 Ion Ratio Lower Upper
 72 100
 43 279.1 260.7 391.1
 72 100.0 50.0 150.0





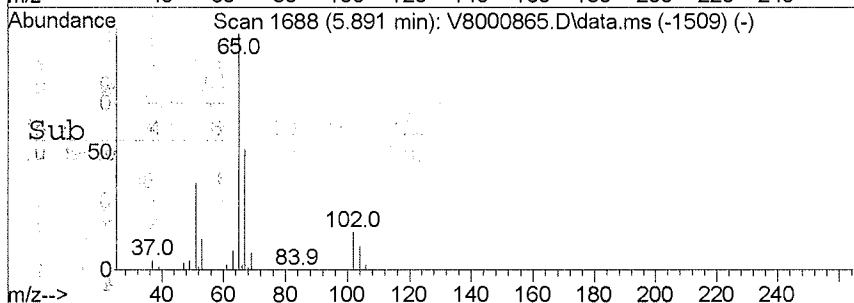
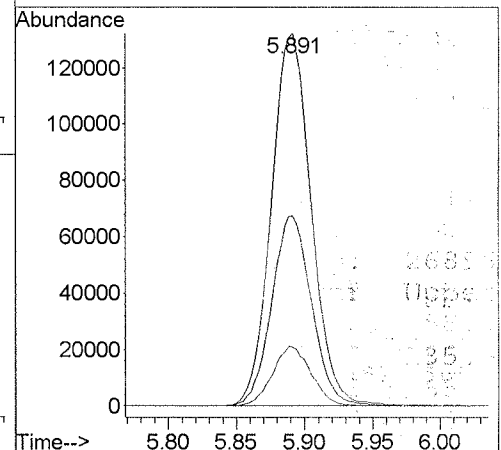
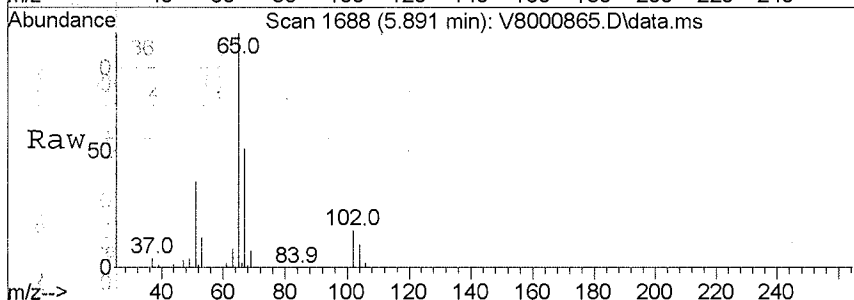
#31
 1,1,1-Trichloroethane
 Concen: 1.55 ppb
 RT: 5.565 min Scan# 1571
 Delta R.T. 0.006 min
 Lab File: V8000865.D
 Acq: 6 May 2016 3:11 am

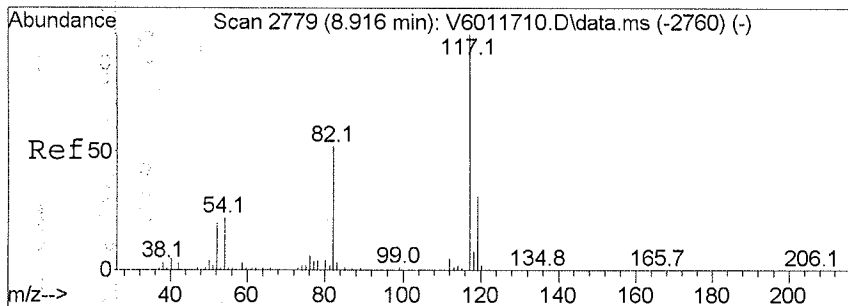
Tgt Ion: 97 Resp: 37495
 Ion Ratio Lower Upper
 97 100
 97 100.0 65.0 135.0
 99 63.8 42.5 88.3
 61 50.8 27.2 56.4



#34
 d4-1,2-Dichloroethane (SURR)
 Concen: 10.99 ppb
 RT: 5.891 min Scan# 1688
 Delta R.T. 0.000 min
 Lab File: V8000865.D
 Acq: 6 May 2016 3:11 am

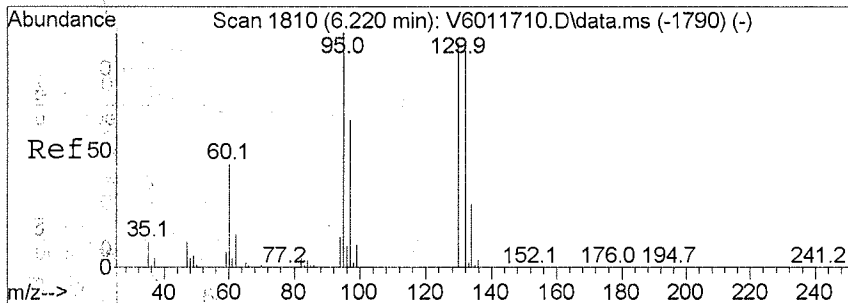
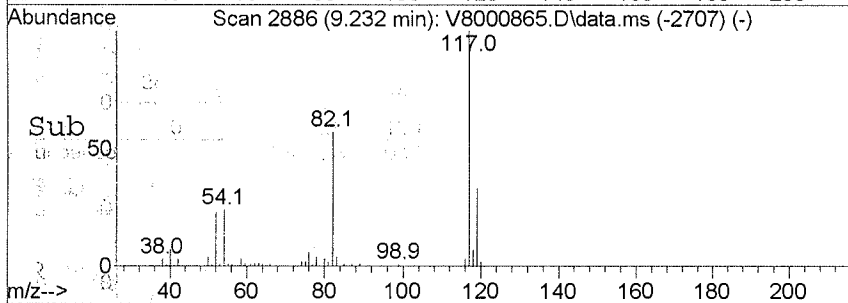
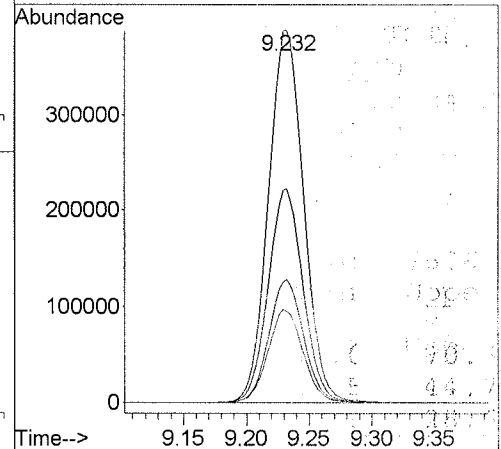
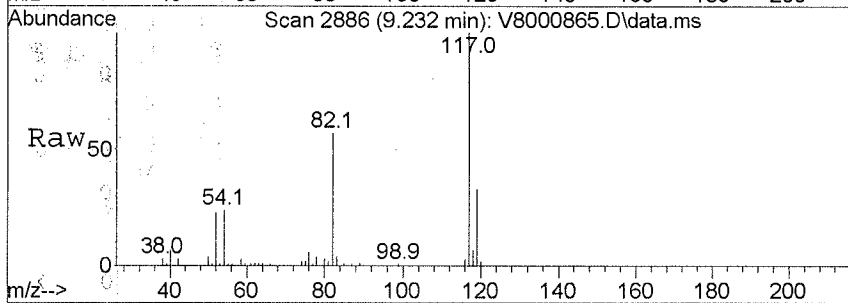
Tgt Ion: 65 Resp: 268992
 Ion Ratio Lower Upper
 65 100
 65 100.0 65.0 135.0
 67 0.0 31.3 65.1#
 102 15.5 8.8 26.4





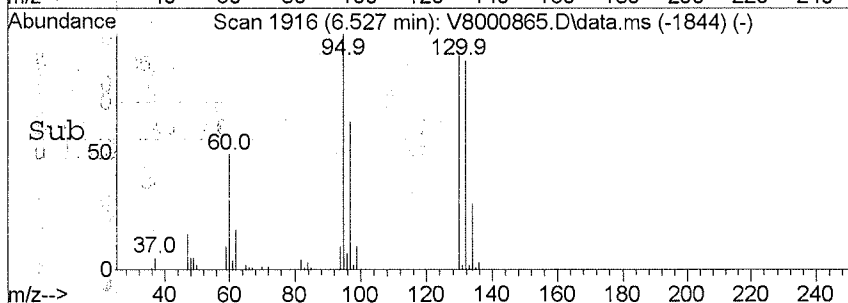
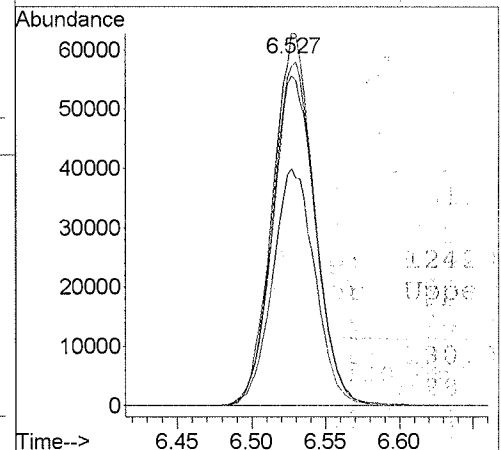
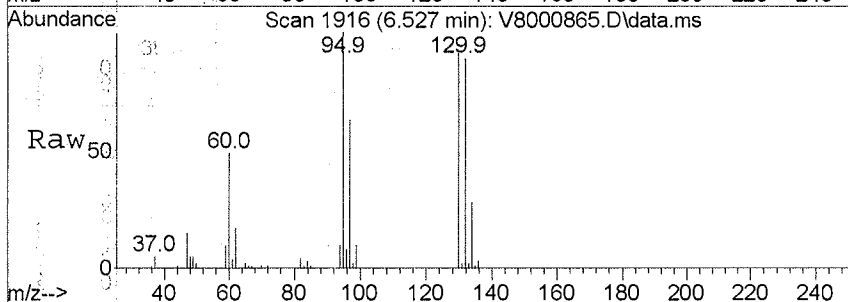
#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. 0.000 min
 Lab File: V8000865.D
 Acq: 6 May 2016 3:11 am

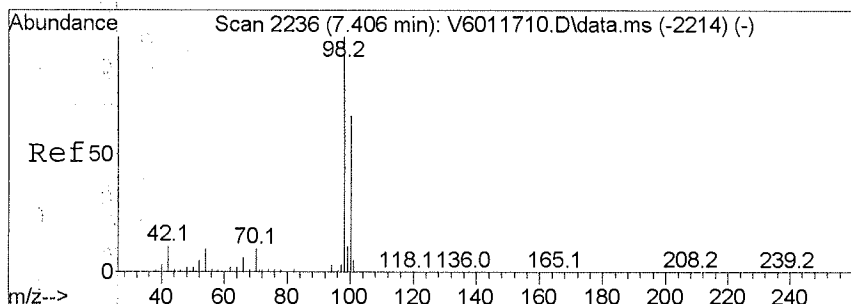
Tgt Ion:117	Resp:	760665
Ion Ratio	Lower	Upper
117	100	
82	56.7	34.0 70.6
119	32.4	21.5 44.7
54	24.8	13.8 28.6



#41
 Trichloroethylene
 Concen: 9.37 ppb
 RT: 6.527 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: V8000865.D
 Acq: 6 May 2016 3:11 am

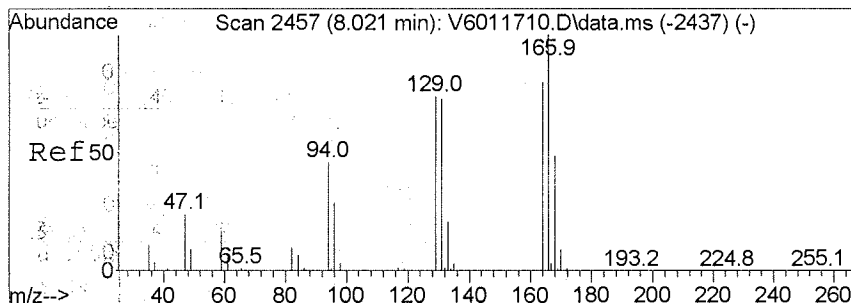
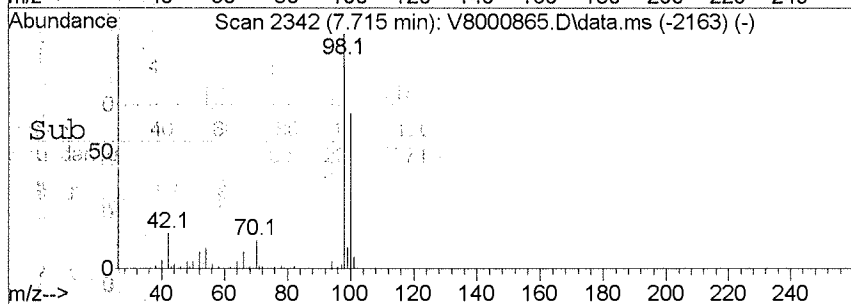
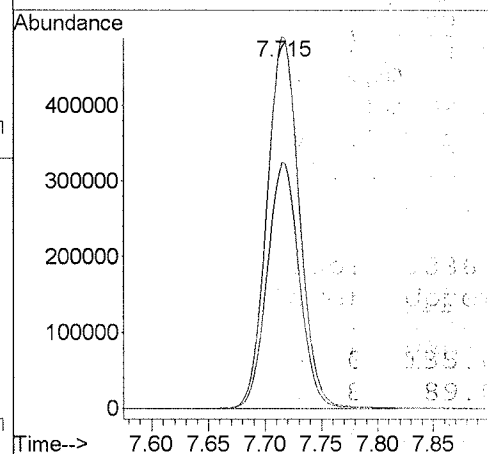
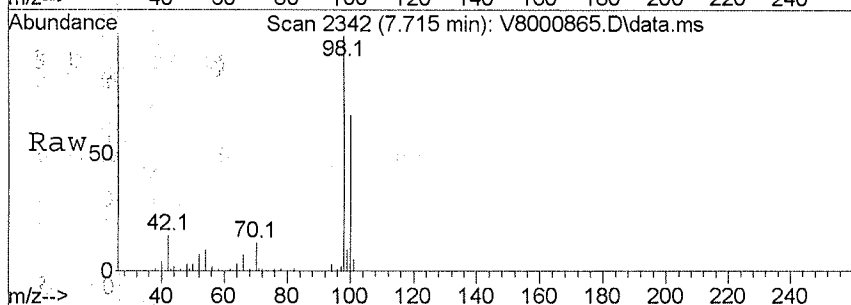
Tgt Ion: 95	Resp:	124204
Ion Ratio	Lower	Upper
95	100	
130	93.6	62.6 130.0
132	90.5	62.0 128.8
97	64.5	40.8 84.6





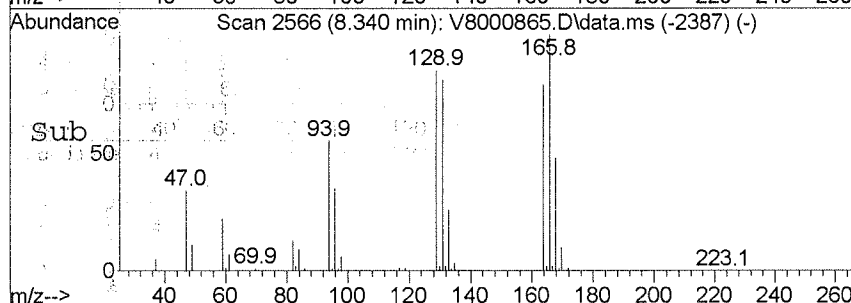
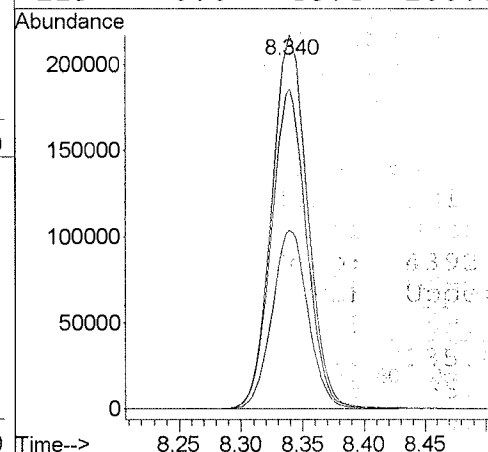
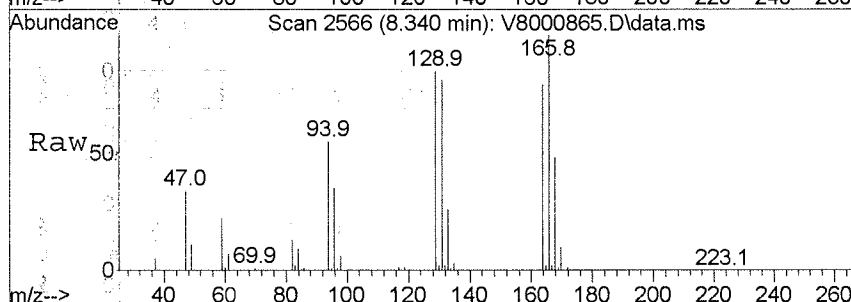
#51
Toluene-d8 (SURR)
Concen: 10.62 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000865.D
Acq: 6 May 2016 3:11 am

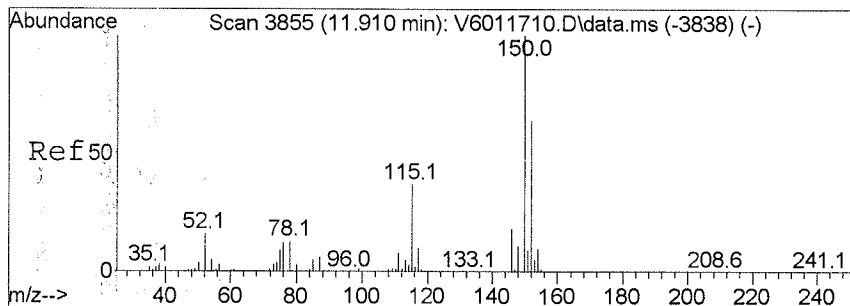
Tgt Ion	Ratio	Lower	Upper
98	100		
98	100.0	65.0	135.0
100	65.4	42.8	89.0



#56
Tetrachloroethylene
Concen: 29.95 ppb
RT: 8.340 min Scan# 2566
Delta R.T. 0.000 min
Lab File: V8000865.D
Acq: 6 May 2016 3:11 am

Tgt Ion	Ratio	Lower	Upper
166	100		
166	100.0	65.0	135.0
168	47.7	31.8	66.0
129	0.0	48.4	100.4#





#67

1,2-DICHLOROBENZENE-d4 (ISTD)

Concen: 10.00 ppb

RT: 12.235 min Scan# 3963

Delta R.T. -0.002 min

Lab File: V8000865.D

Acq: 6 May 2016 3:11 am

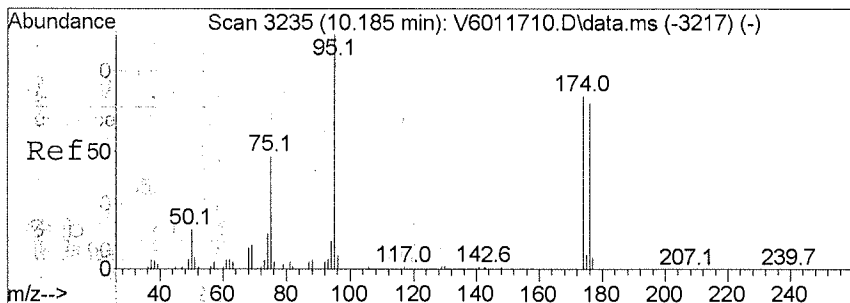
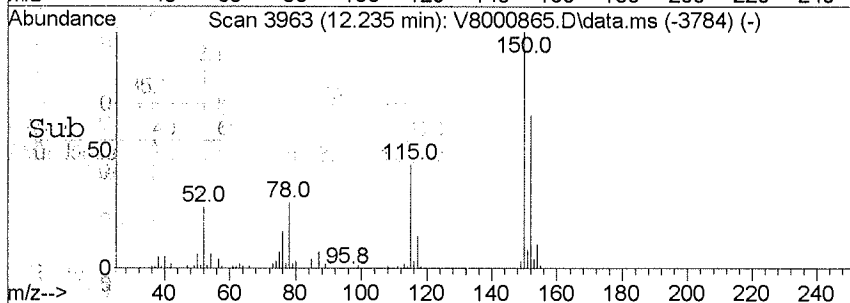
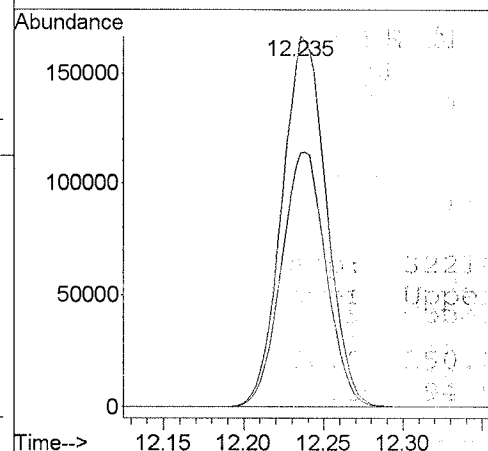
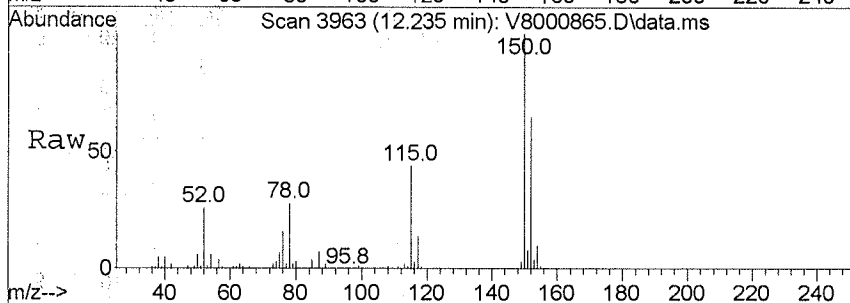
Tgt Ion:152 Resp: 322101

Ion Ratio Lower Upper

152 100

152 100.0 50.0 150.0

115 69.0 31.5 94.5



#70

p-Bromofluorobenzene (SURR)

Concen: 11.43 ppb

RT: 10.504 min Scan# 3342

Delta R.T. 0.000 min

Lab File: V8000865.D

Acq: 6 May 2016 3:11 am

Tgt Ion: 95 Resp: 387508

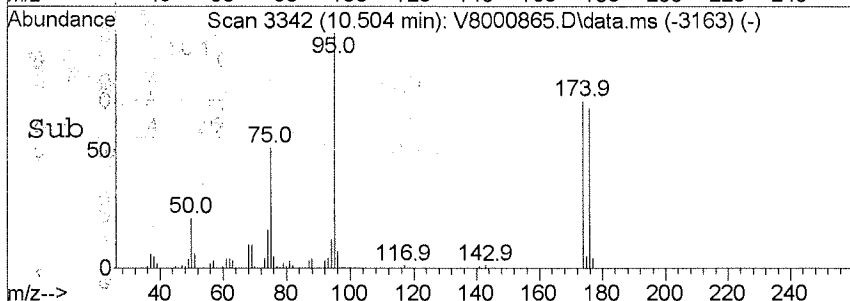
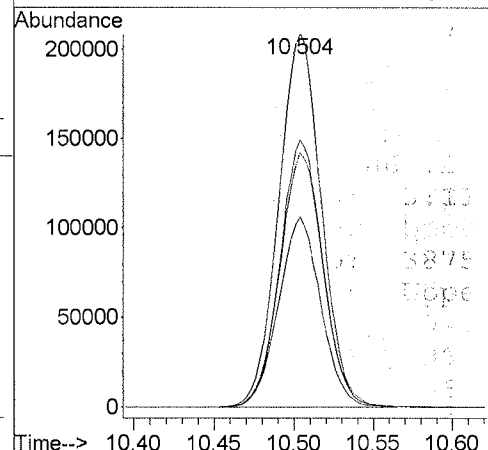
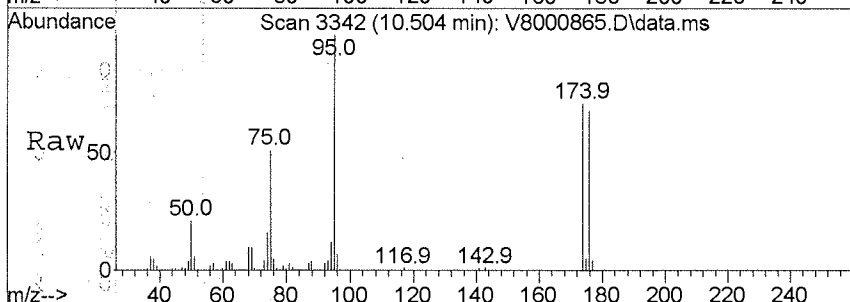
Ion Ratio Lower Upper

95 100

174 71.5 47.8 99.4

176 68.6 46.3 96.1

75 50.4 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

1C

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-03 File ID: V8000866.D
 Sampled: 04/28/16 11:50 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 03:37
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.53	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	3.1	
75-35-4	1,1-Dichloroethylene	1	1.5	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

1C

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-03 File ID: V8000866.D
 Sampled: 04/28/16 11:50 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 03:37
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.23	J
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	5.8	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	4.5	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.7	107	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000866.D
 Acq On : 6 May 2016 3:37 am
 Operator : BK
 Sample : 16E0003-03
 Misc : V8050516B A RCP
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: May 06 14:12:13 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

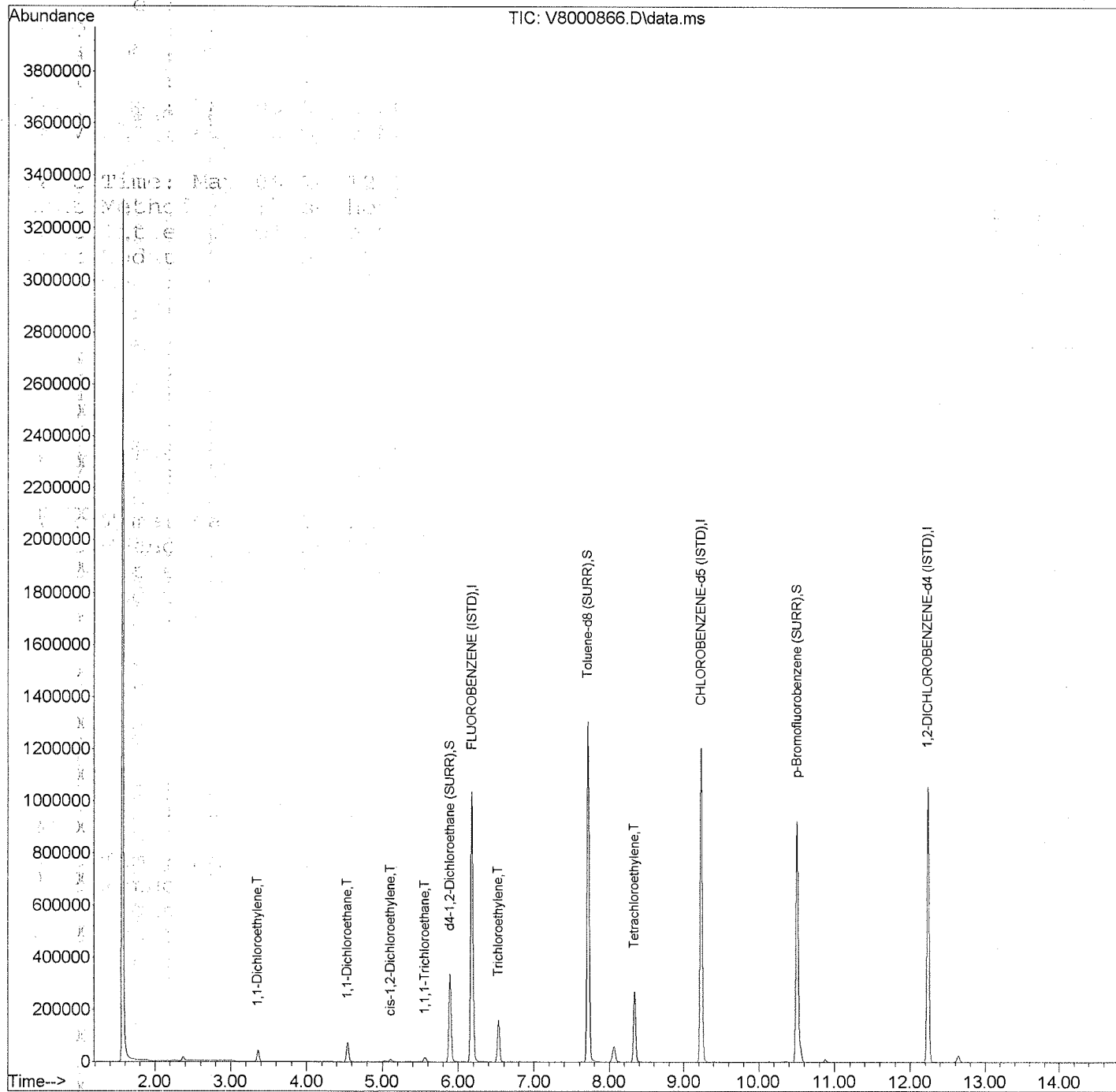
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

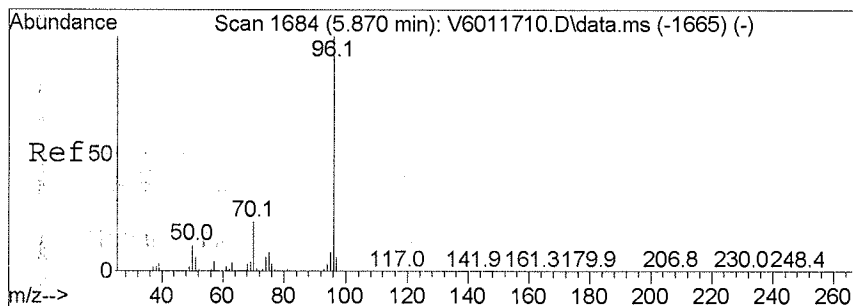
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	202524	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	749992	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.235	152	313363	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	259607	10.70	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.00%		
51) Toluene-d8 (SURR)	7.715	98	974665	10.67	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.70%		
70) p-Bromofluorobenzene (...)	10.504	95	377944	11.45	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	114.50%		
Target Compounds						
10) 1,1-Dichloroethylene	3.359	61	32141	1.49	ppb	Qvalue # 98
12) Acetone	3.479	43	1946	Below	Cal	# 94
13) Iodomethane	3.538	142	100	Below	Cal	# 100
17) Methylene Chloride	3.875	49	154	Below	Cal	# 85
21) 1,1-Dichloroethane	4.544	63	81081	3.11	ppb	# 99
25) cis-1,2-Dichloroethylene	5.105	61	5503	0.23	ppb	# 70
26) 2-Butanone	5.124	72	221	Below	Cal	# 1
31) 1,1,1-Trichloroethane	5.562	97	12641m	0.53	ppb	
41) Trichloroethylene	6.527	95	59056	4.52	ppb	# 96
56) Tetrachloroethylene	8.340	166	83482	5.77	ppb	# 70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050516\
Data File : V8000866.D
Acq On : 6 May 2016 3:37 am
Operator : BK
Sample : 16E0003-03
Misc : V8050516B A RCP
ALS Vial : 41 Sample Multiplier: 1

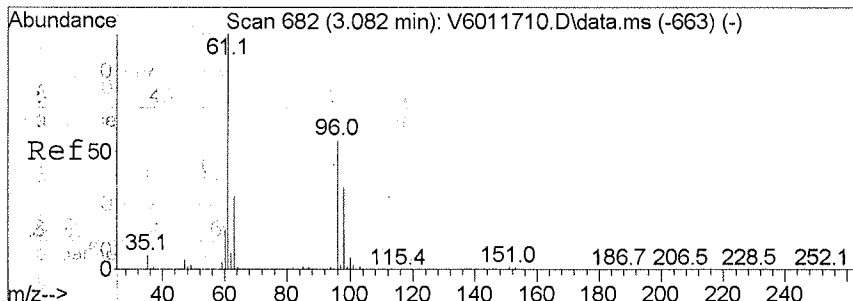
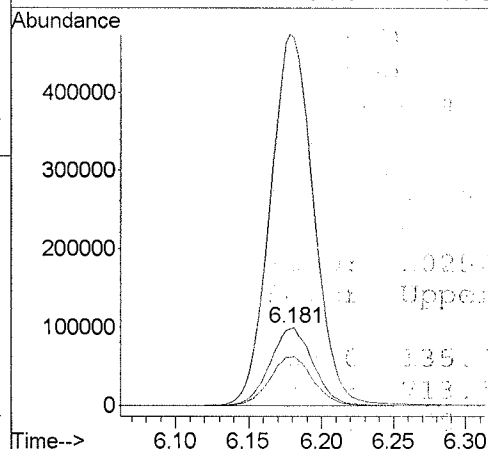
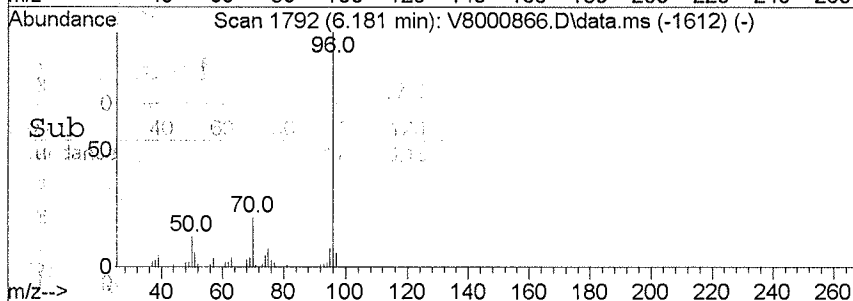
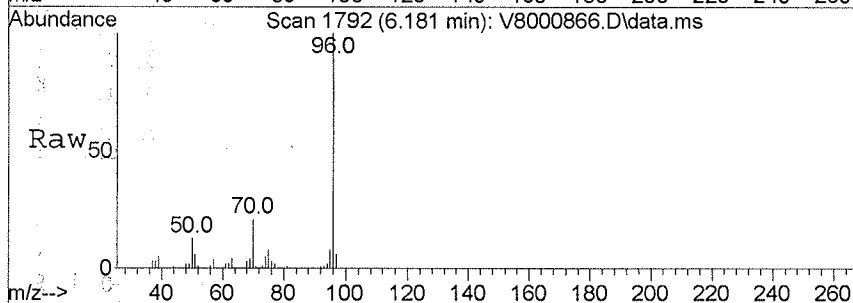
Quant Time: May 06 14:12:13 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





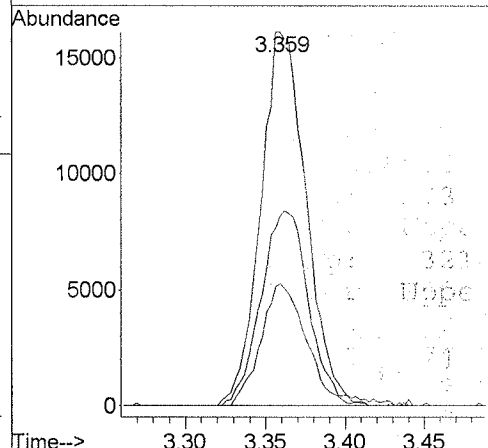
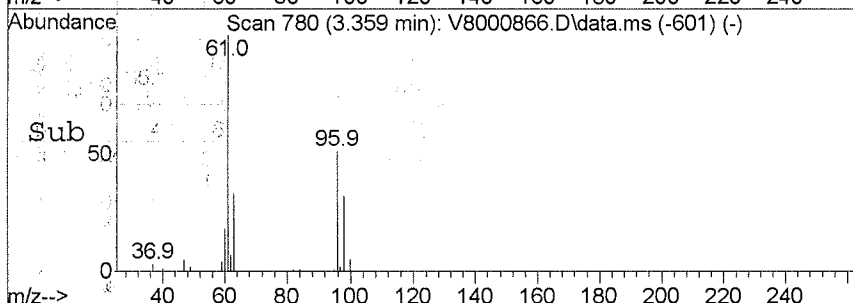
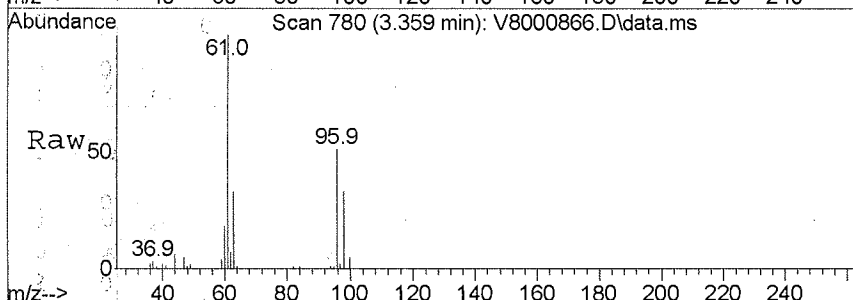
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.181 min Scan# 1792
 Delta R.T. 0.001 min
 Lab File: V8000866.D
 Acq: 6 May 2016 3:37 am

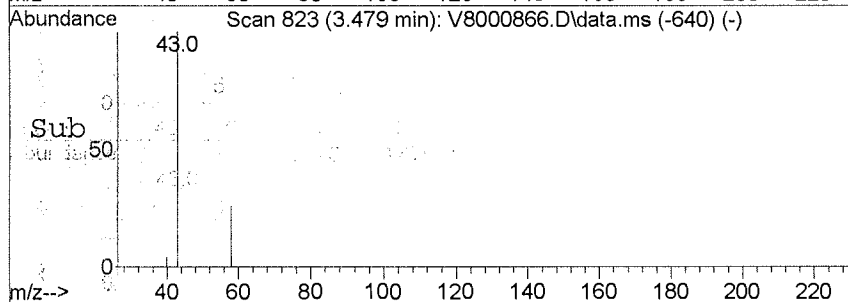
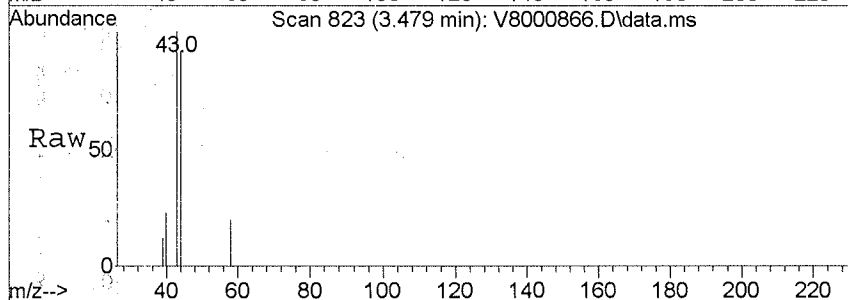
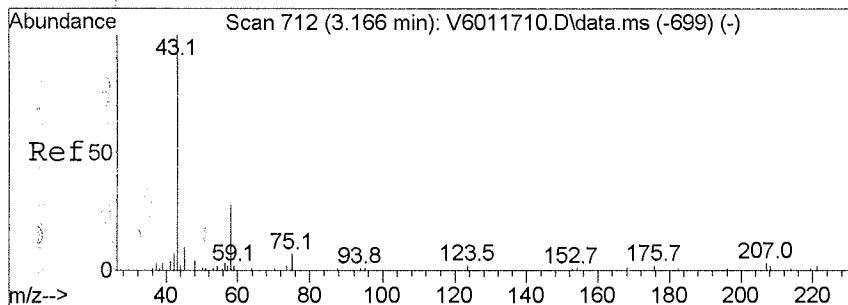
Tgt Ion	Ratio	Lower	Upper
70	100		
70	100.0	65.0	135.0
96	483.8	343.3	713.1
50	63.2	0.0	120.6



#10
 1,1-Dichloroethylene
 Concen: 1.49 ppb
 RT: 3.359 min Scan# 780
 Delta R.T. -0.002 min
 Lab File: V8000866.D
 Acq: 6 May 2016 3:37 am

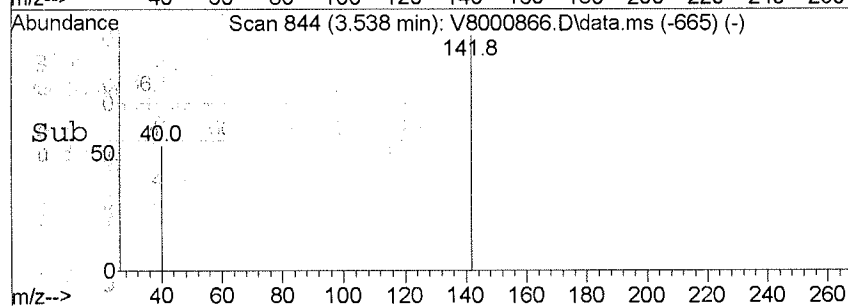
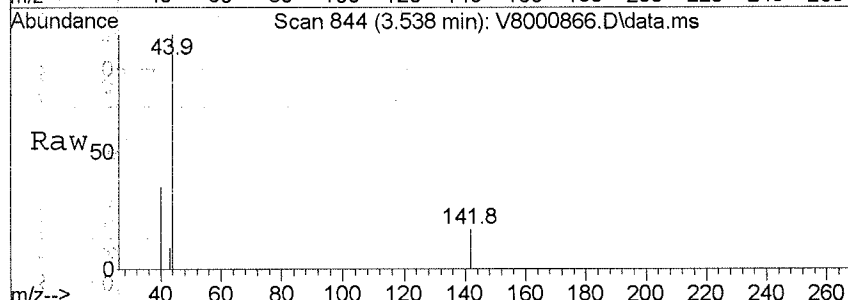
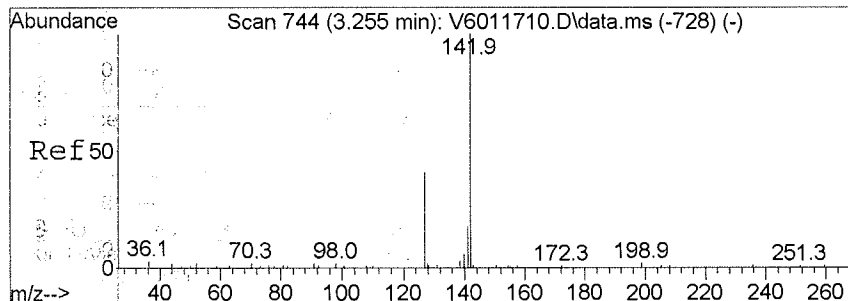
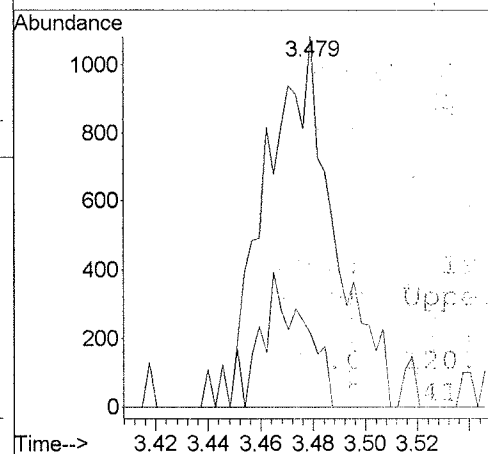
Tgt Ion	Ratio	Lower	Upper
61	100		
96	54.4	36.0	74.8
101	0.0	1.3	2.7#
63	32.1	20.3	42.1





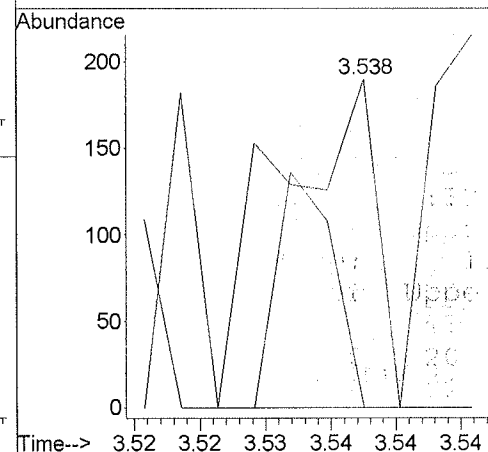
#12
Acetone
Concen: Below Cal
RT: 3.479 min Scan# 823
Delta R.T. 0.010 min
Lab File: V8000866.D
Acq: 6 May 2016 3:37 am

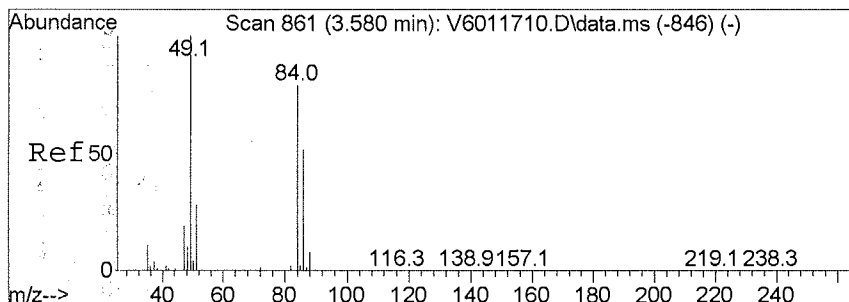
Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
43 100.0 80.0 120.0
58 13.9 13.9 41.6



#13
Iodomethane
Concen: Below Cal
RT: 3.538 min Scan# 844
Delta R.T. -0.002 min
Lab File: V8000866.D
Acq: 6 May 2016 3:37 am

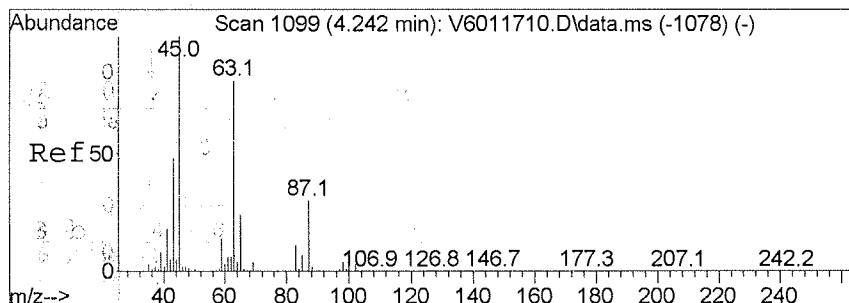
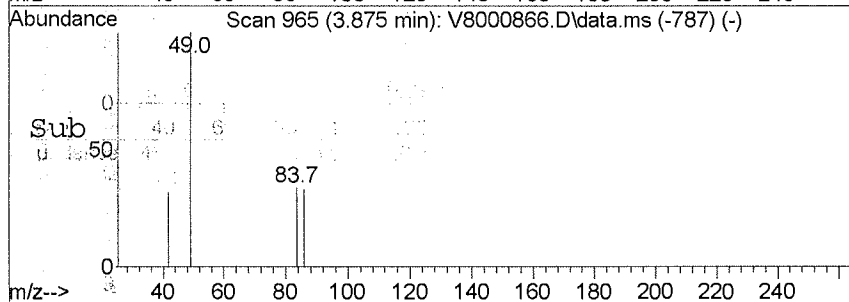
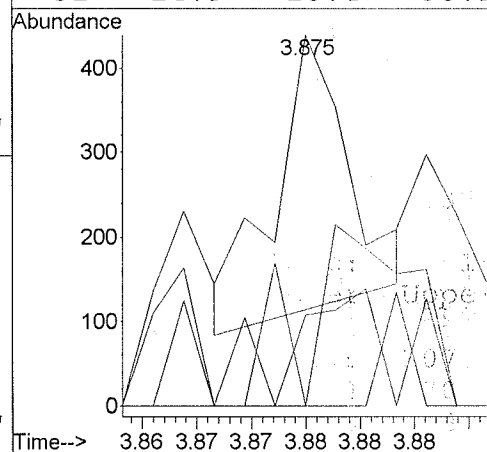
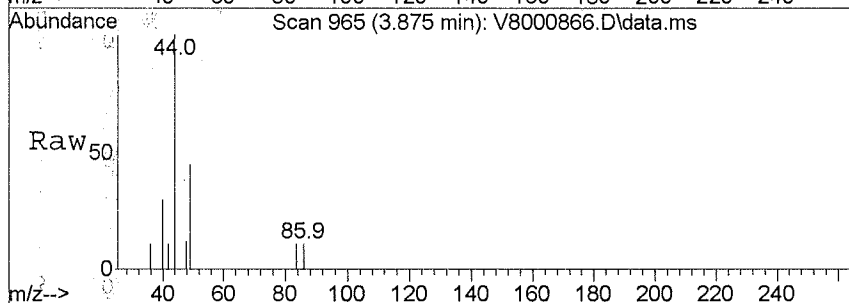
Tgt Ion: 142 Resp: 100
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 41.0 20.8 62.2





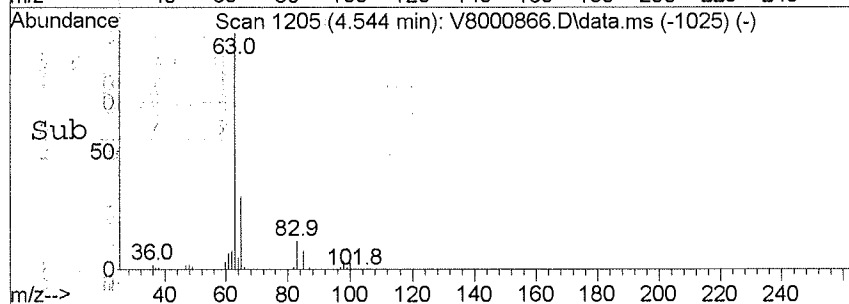
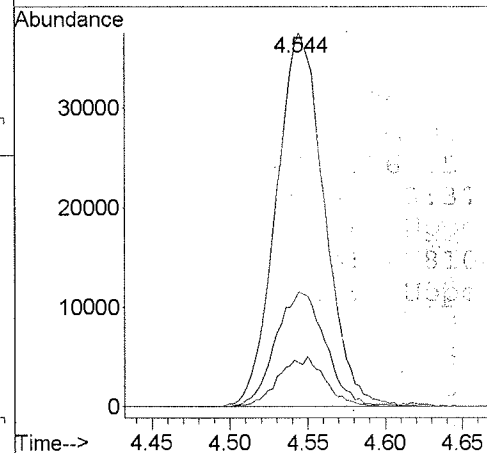
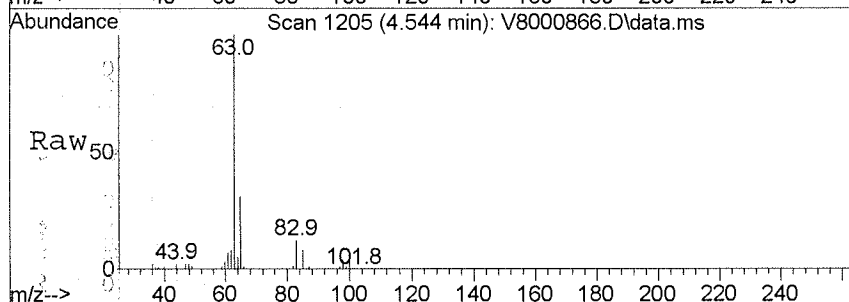
#17
Methylene Chloride
Concen: Below Cal
RT: 3.875 min Scan# 965
Delta R.T. -0.003 min
Lab File: V8000866.D
Acq: 6 May 2016 3:37 am

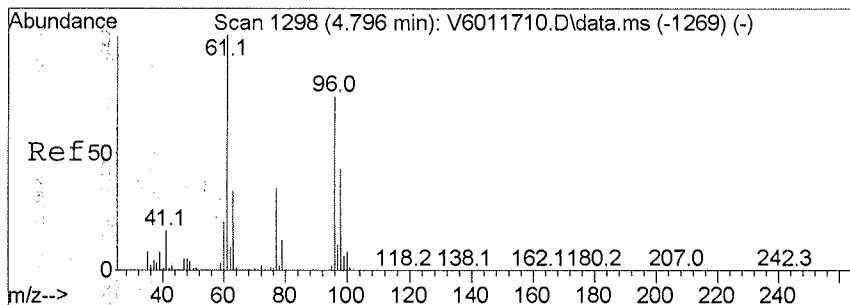
Tgt Ion: 49 Resp: 154
Ion Ratio Lower Upper
49 100
84 96.8 51.5 107.1
86 53.2 34.1 70.7
51 14.9 18.4 38.2#



#21
1,1-Dichloroethane
Concen: 3.11 ppb
RT: 4.544 min Scan# 1205
Delta R.T. 0.001 min
Lab File: V8000866.D
Acq: 6 May 2016 3:37 am

Tgt Ion: 63 Resp: 81081
Ion Ratio Lower Upper
63 100
63 100.0 65.0 135.0
65 31.7 19.4 40.2
83 12.7 6.9 20.7

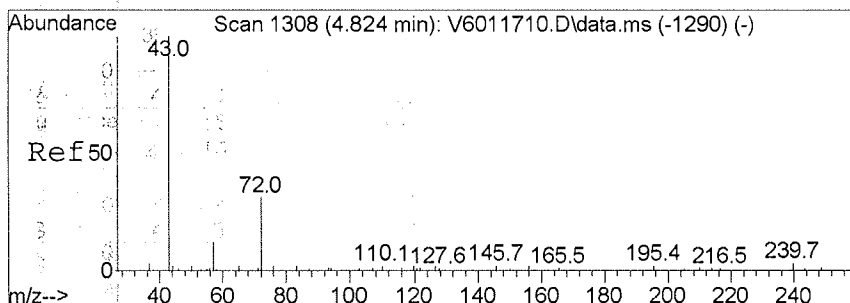
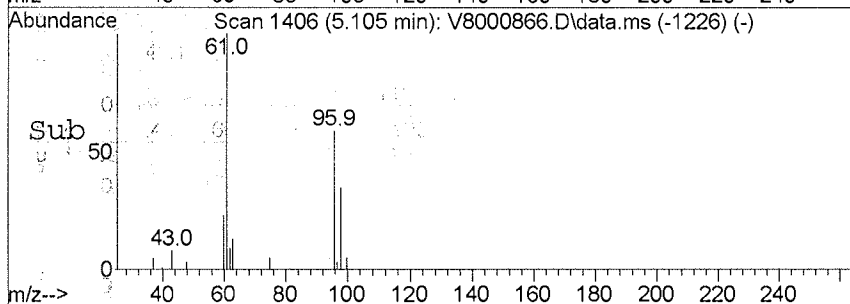
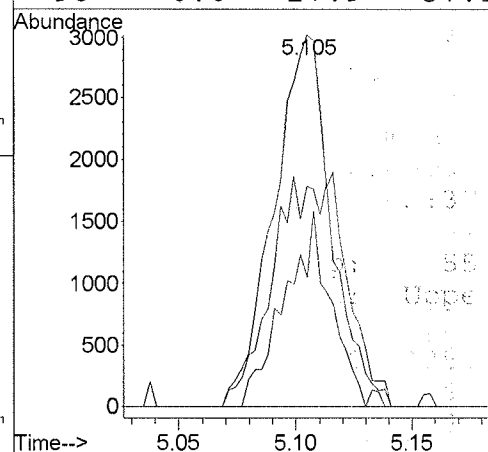
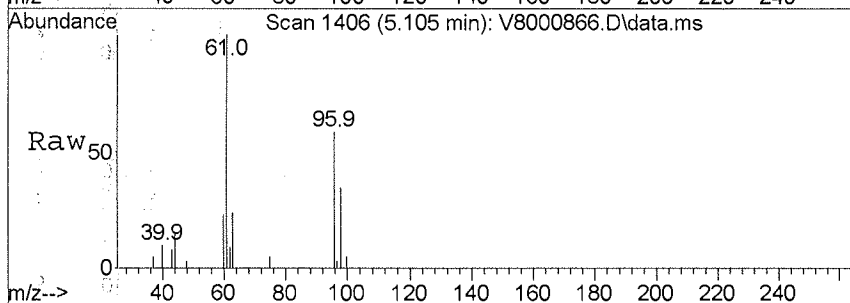




#25
 cis-1,2-Dichloroethylene
 Concen: 0.23 ppb
 RT: 5.105 min Scan# 1406
 Delta R.T. 0.003 min
 Lab File: V8000866.D
 Acq: 6 May 2016 3:37 am

Tgt Ion: 61 Resp: 5503

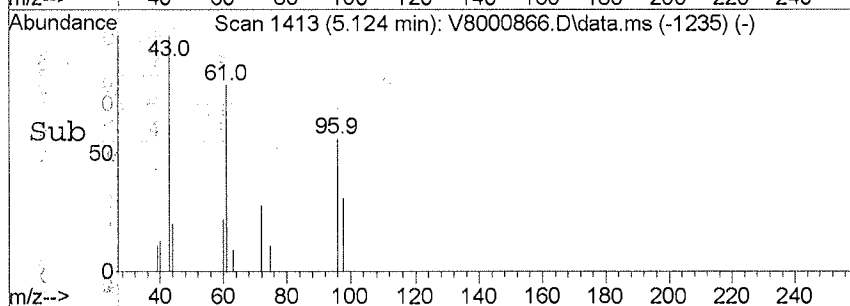
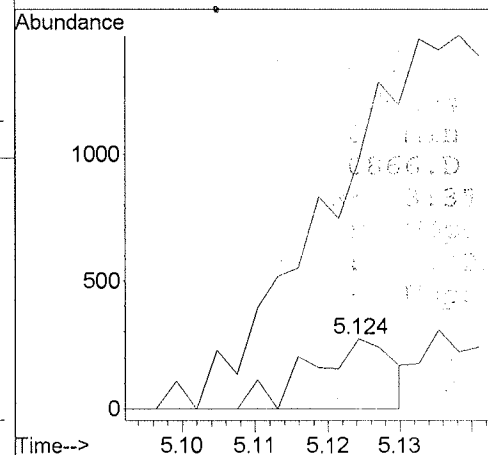
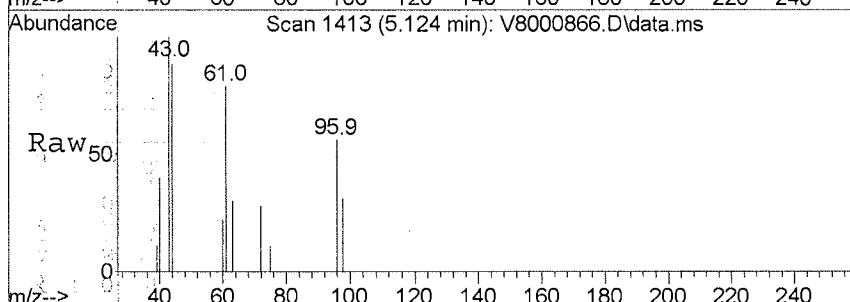
Ion	Ratio	Lower	Upper
61	100		
61	100.0	65.0	135.0
96	32.1	48.0	99.6#
98	0.0	27.9	57.9#

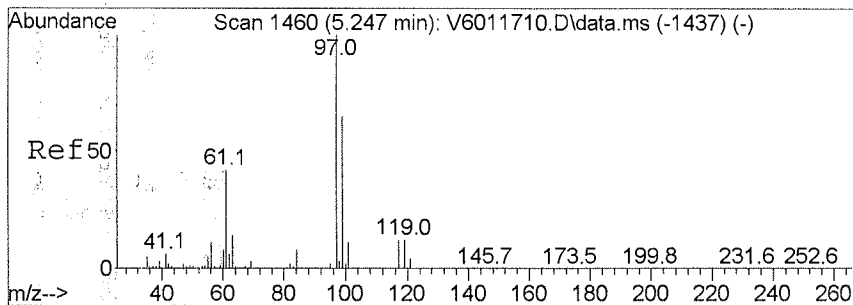


#26
 2-Butanone
 Concen: Below Cal
 RT: 5.124 min Scan# 1413
 Delta R.T. -0.004 min
 Lab File: V8000866.D
 Acq: 6 May 2016 3:37 am

Tgt Ion: 72 Resp: 221

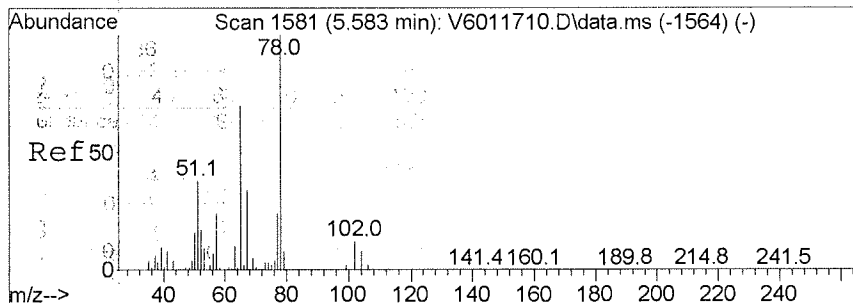
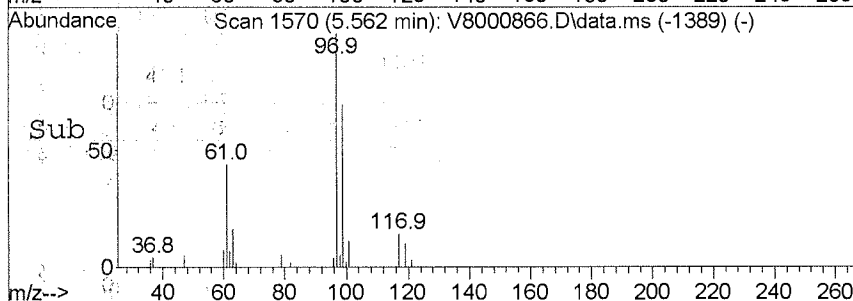
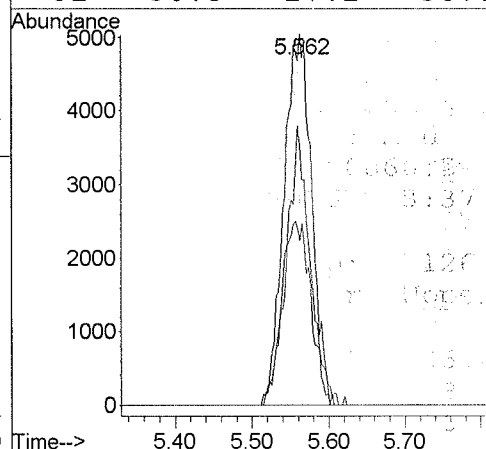
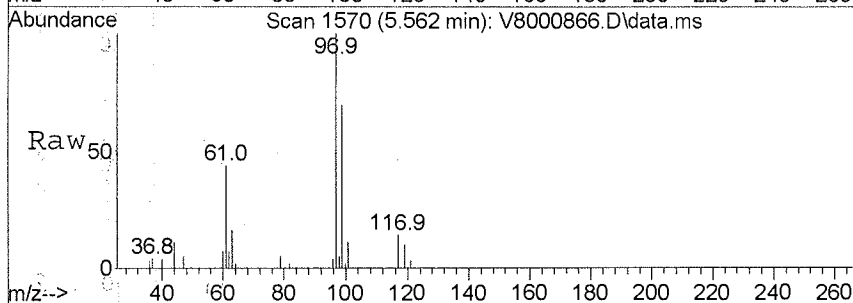
Ion	Ratio	Lower	Upper
72	100		
43	0.0	260.7	391.1#
72	100.0	50.0	150.0





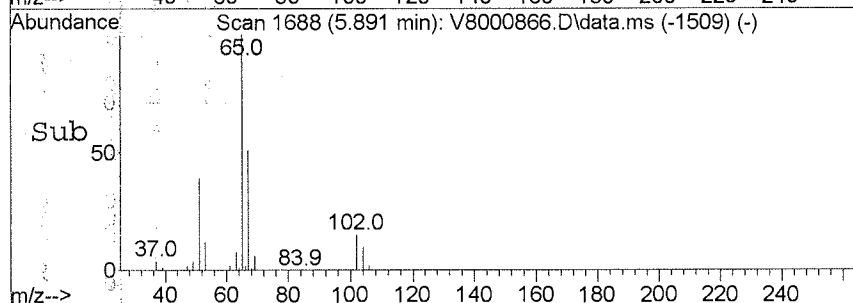
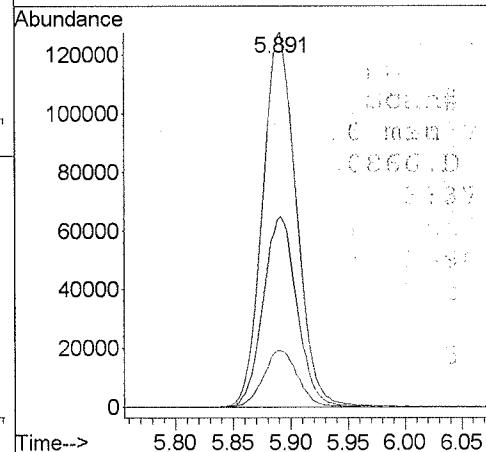
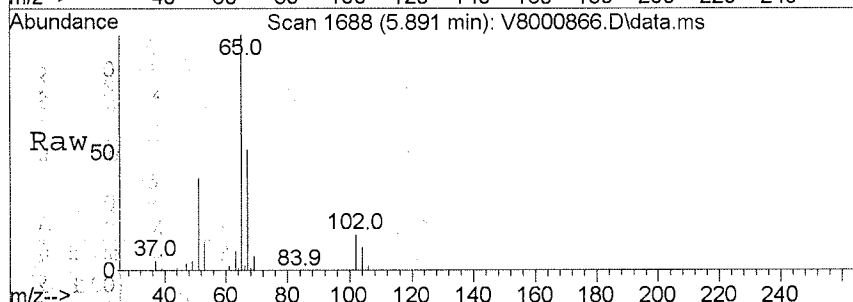
#31
 1,1,1-Trichloroethane
 Concen: 0.53 ppb m
 RT: 5.562 min Scan# 1570
 Delta R.T. 0.003 min
 Lab File: V8000866.D
 Acq: 6 May 2016 3:37 am

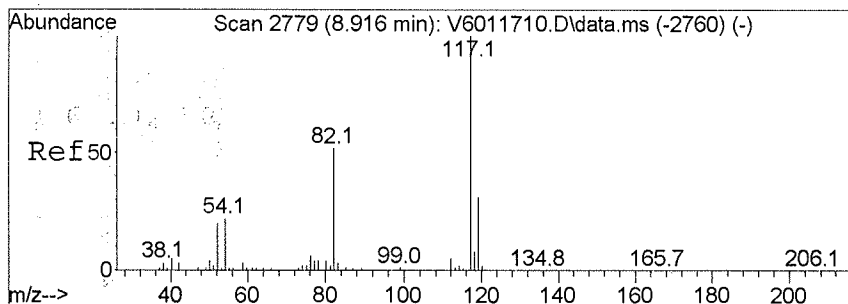
Tgt Ion	Ratio	Lower	Upper
97	100		
97	51.6	65.0	135.0#
99	64.0	42.5	88.3
61	50.3	27.2	56.4



#34
 d4-1,2-Dichloroethane (SURR)
 Concen: 10.70 ppb
 RT: 5.891 min Scan# 1688
 Delta R.T. 0.000 min
 Lab File: V8000866.D
 Acq: 6 May 2016 3:37 am

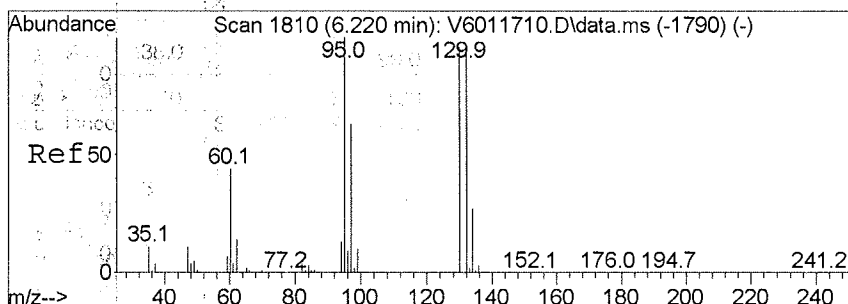
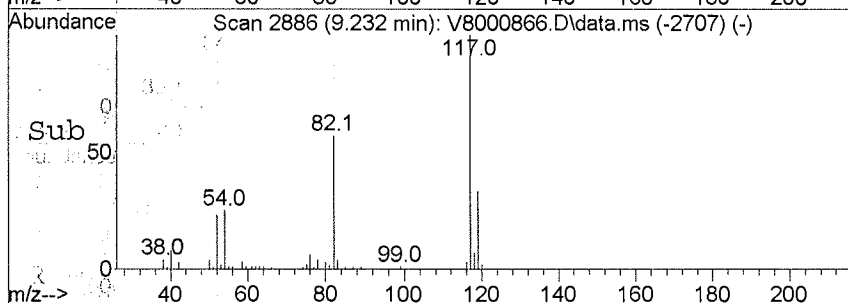
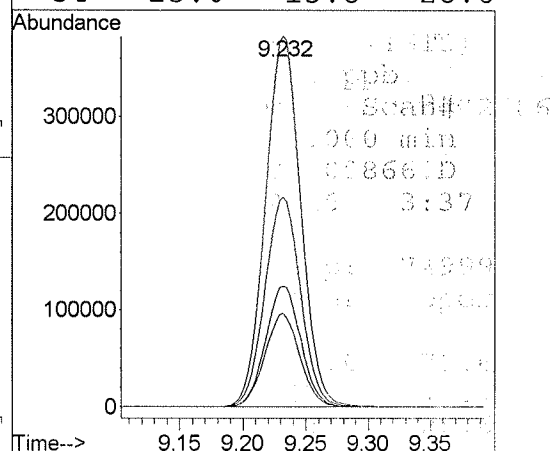
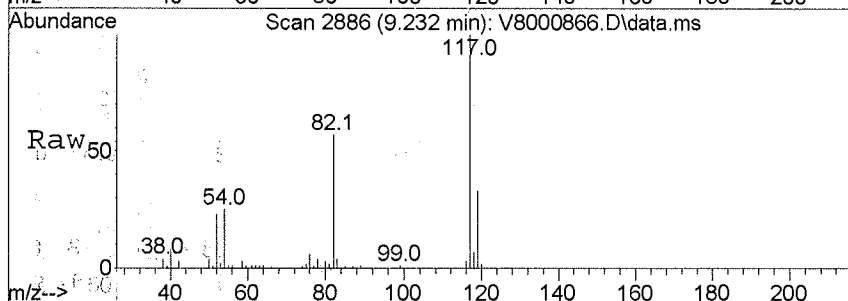
Tgt Ion	Ratio	Lower	Upper
65	100		
65	100.0	65.0	135.0
67	51.1	31.3	65.1
102	0.0	8.8	26.4#





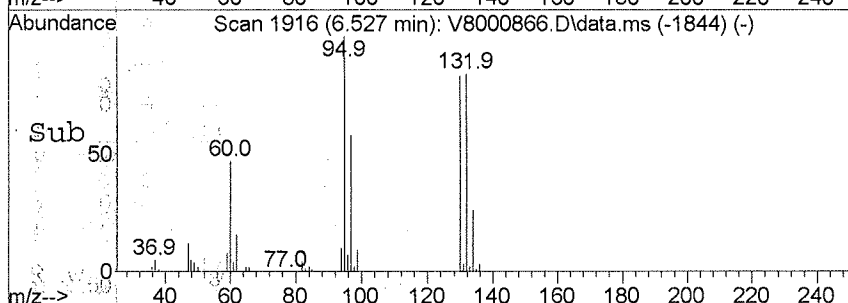
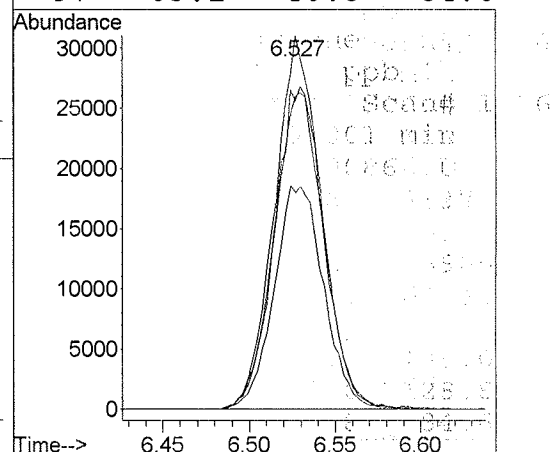
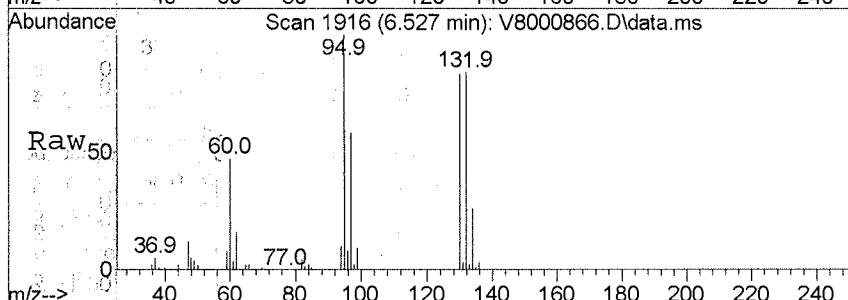
#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. -0.000 min
 Lab File: V8000866.D
 Acq: 6 May 2016 3:37 am

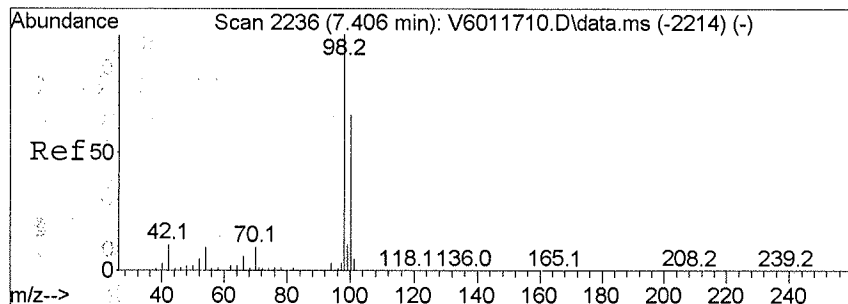
Tgt Ion:	117	Resp:	749992
Ion	Ratio	Lower	Upper
117	100		
82	57.2	34.0	70.6
119	32.5	21.5	44.7
54	25.0	13.8	28.6



#41
 Trichloroethylene
 Concen: 4.52 ppb
 RT: 6.527 min Scan# 1916
 Delta R.T. -0.001 min
 Lab File: V8000866.D
 Acq: 6 May 2016 3:37 am

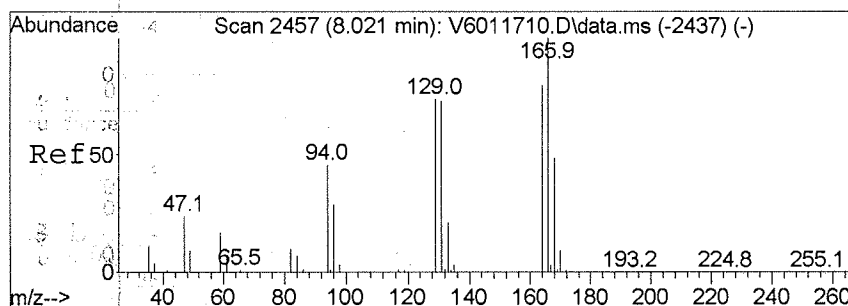
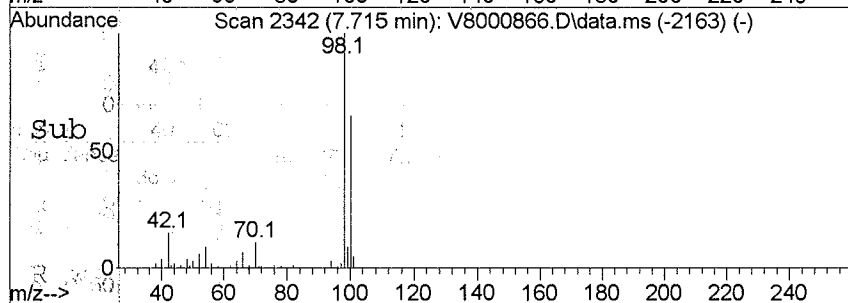
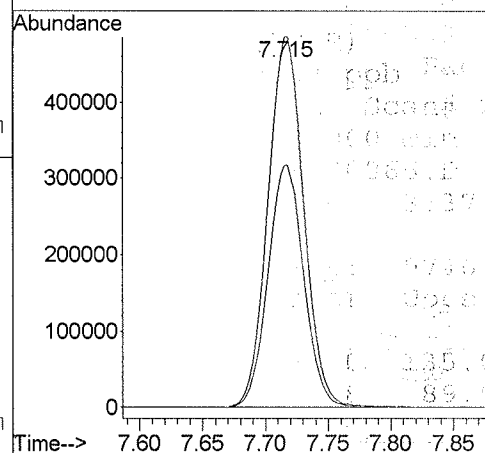
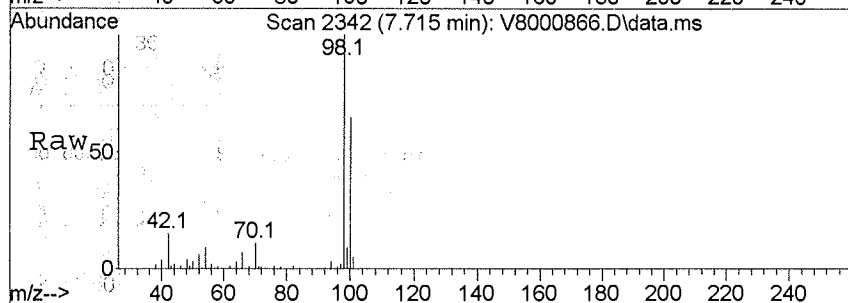
Tgt Ion:	95	Resp:	59056
Ion	Ratio	Lower	Upper
95	100		
130	92.1	62.6	130.0
132	89.2	62.0	128.8
97	63.1	40.8	84.6





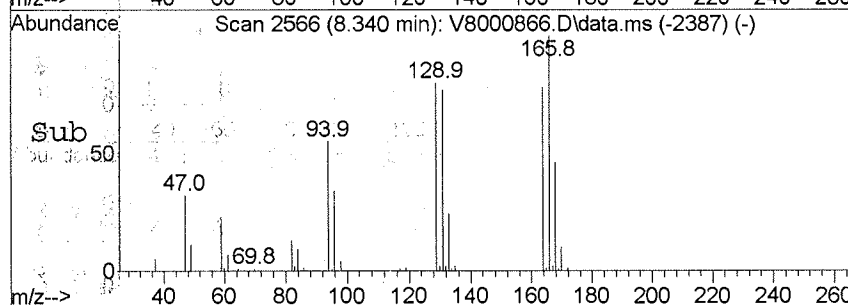
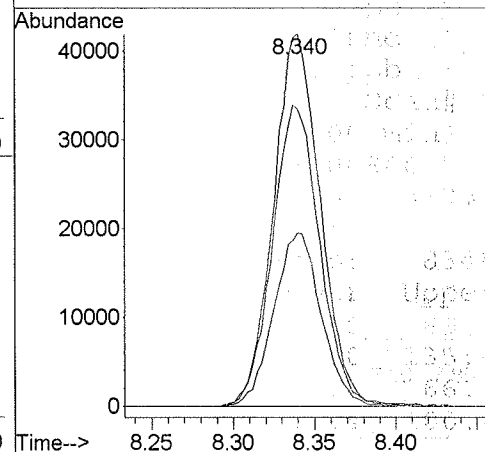
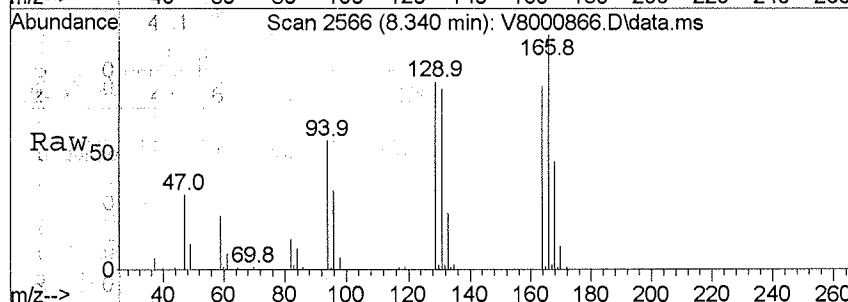
#51
Toluene-d8 (SURR)
Concen: 10.67 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000866.D
Acq: 6 May 2016 3:37 am

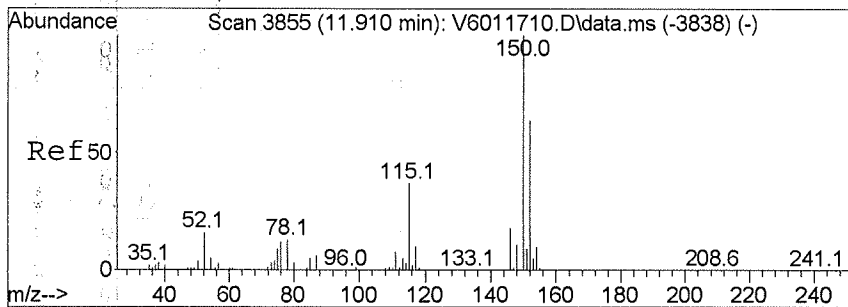
Tgt Ion: 98 Resp: 974665
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 65.3 42.8 89.0



#56
Tetrachloroethylene
Concen: 5.77 ppb
RT: 8.340 min Scan# 2566
Delta R.T. 0.000 min
Lab File: V8000866.D
Acq: 6 May 2016 3:37 am

Tgt Ion: 166 Resp: 83482
Ion Ratio Lower Upper
166 100
166 100.0 65.0 135.0
168 46.8 31.8 66.0
129 0.0 48.4 100.4#





#67

1,2-DICHLOROBENZENE-d4 (ISTD)

Concen: 10.00 ppb

RT: 12.235 min Scan# 3963

Delta R.T. -0.002 min

Lab File: V8000866.D

Acq: 6 May 2016 3:37 am

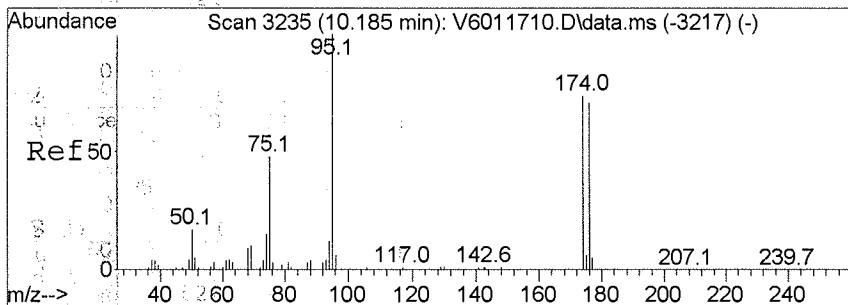
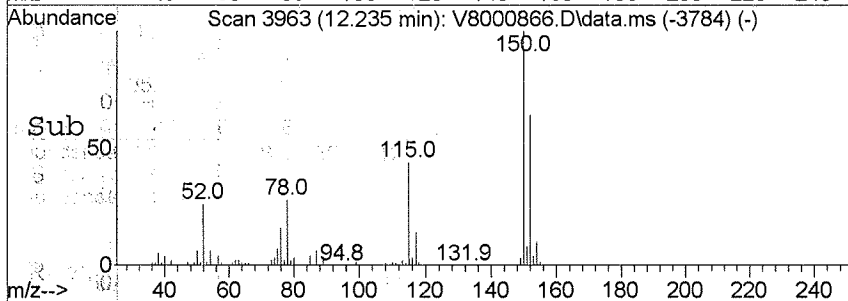
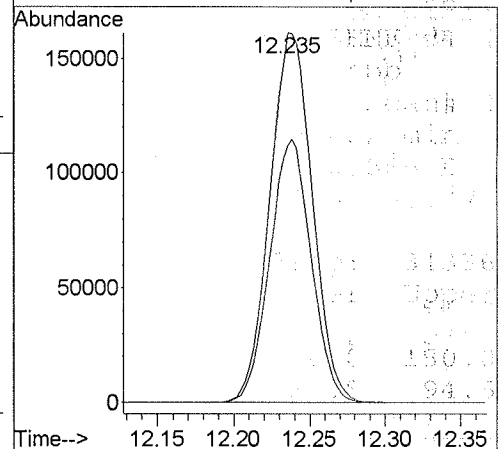
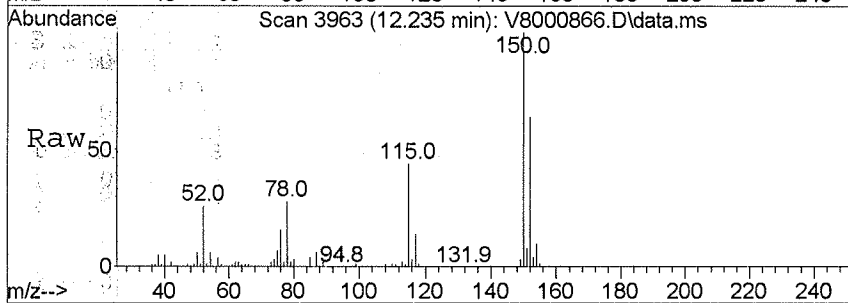
Tgt Ion: 152 Resp: 313363

Ion Ratio Lower Upper

152 100

152 100.0 50.0 150.0

115 69.3 31.5 94.5



#70

p-Bromofluorobenzene (SURR)

Concen: 11.45 ppb

RT: 10.504 min Scan# 3342

Delta R.T. -0.000 min

Lab File: V8000866.D

Acq: 6 May 2016 3:37 am

Tgt Ion: 95 Resp: 377944

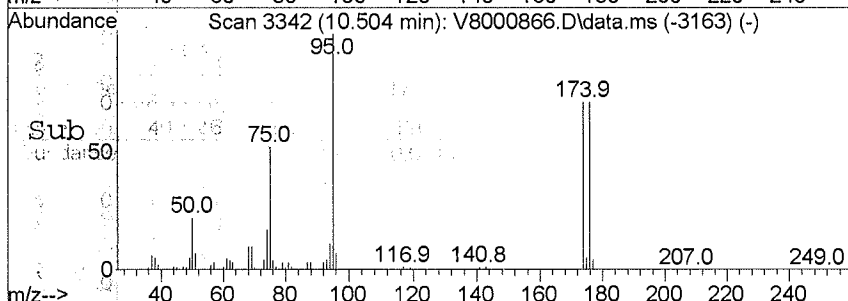
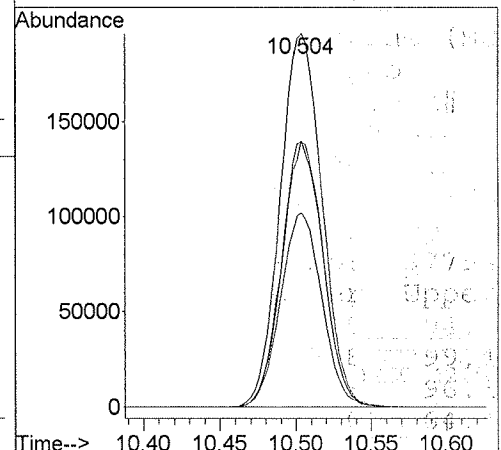
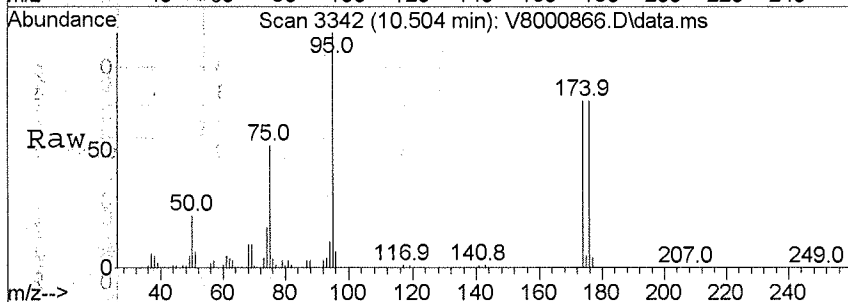
Ion Ratio Lower Upper

95 100

174 71.5 47.8 99.4

176 69.4 46.3 96.1

75 51.8 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

ID

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-04 File ID: V8000882.D
 Sampled: 04/28/16 12:40 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 13:23
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

ID

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-04 File ID: V8000882.D
 Sampled: 04/28/16 12:40 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 13:23
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.89	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.48	J
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.6	106	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.8	118	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000882.D
 Acq On : 6 May 2016 1:23 pm
 Operator : BK
 Sample : 16E0003-04
 Misc : V8050616A 8260 LOW A
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 06 15:17:30 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

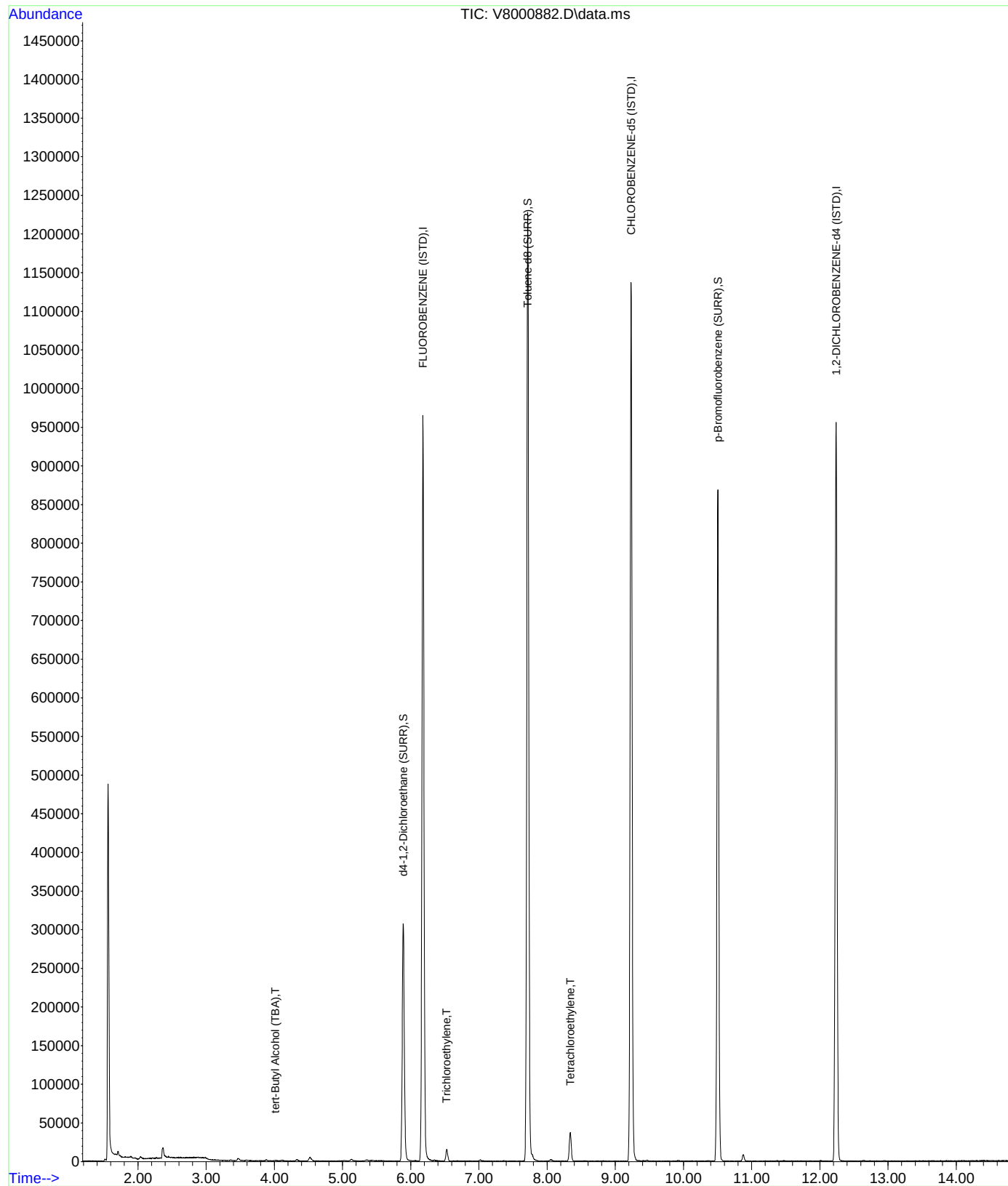
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

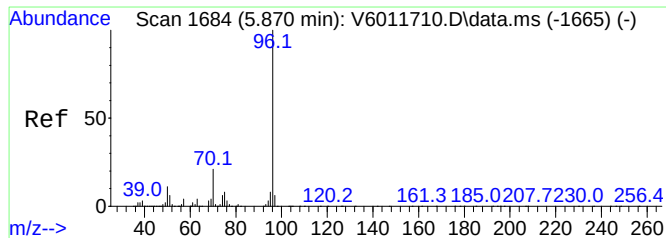
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	186811	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	688465	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	277118	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.889	65	236735	10.58	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	105.80%	
51) Toluene-d8 (SURR)	7.715	98	900167	10.74	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	107.40%	
70) p-Bromofluorobenzene (...)	10.504	95	344585	11.81	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	118.10%	
Target Compounds						
12) Acetone	3.468	43	1966	Below Cal		Qvalue 99
13) Iodomethane	3.543	142	133	Below Cal	#	87
16) tert-Butyl Alcohol (TBA)	4.015	59	458m	0.57 ppb		
17) Methylene Chloride	3.878	49	876	Below Cal	#	70
26) 2-Butanone	5.130	72	283	Below Cal	#	1
41) Trichloroethylene	6.524	95	5790	0.48 ppb		92
56) Tetrachloroethylene	8.337	166	11807	0.89 ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000882.D
Acq On : 6 May 2016 1:23 pm
Operator : BK
Sample : 16E0003-04
Misc : V8050616A 8260 LOW A
ALS Vial : 12 Sample Multiplier: 1

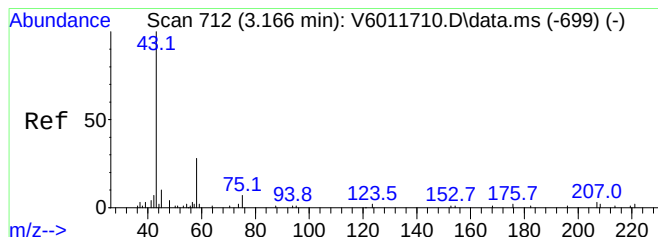
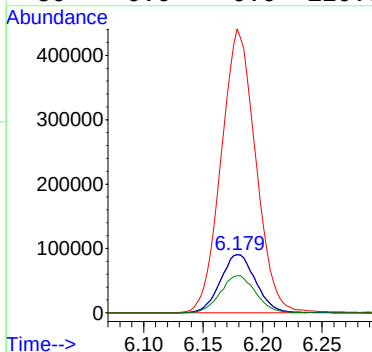
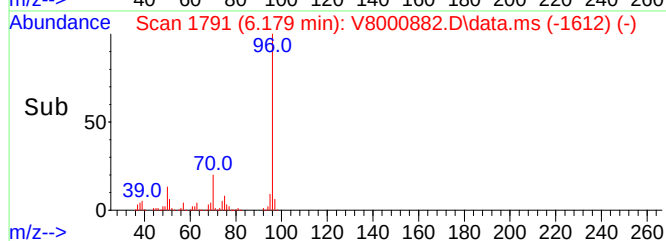
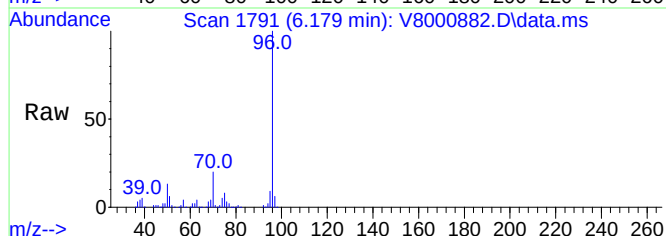
Quant Time: May 06 15:17:30 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





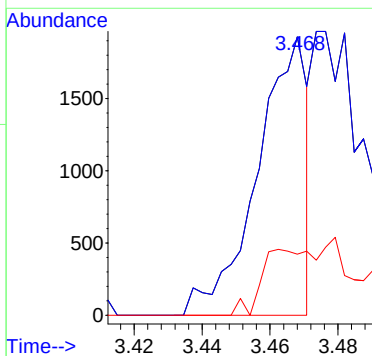
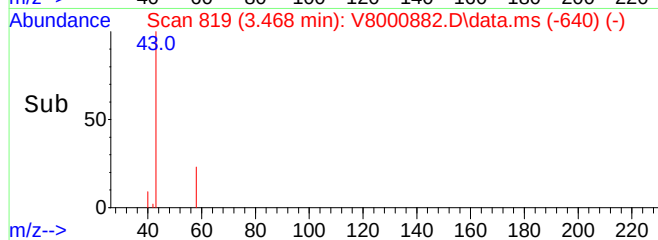
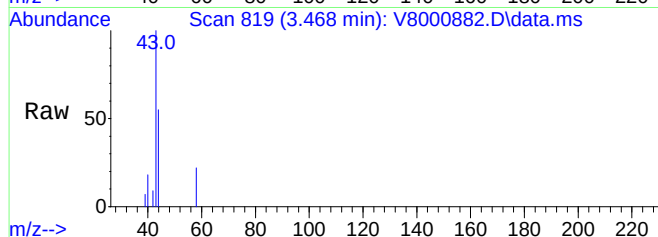
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.179 min Scan# 1791
 Delta R.T. -0.001 min
 Lab File: V8000882.D
 Acq: 6 May 2016 1:23 pm

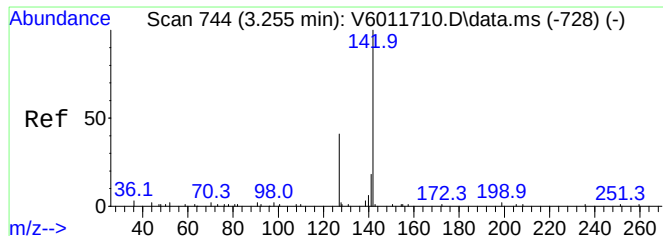
Tgt Ion: 70 Resp: 186811
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 478.1 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.468 min Scan# 819
 Delta R.T. -0.001 min
 Lab File: V8000882.D
 Acq: 6 May 2016 1:23 pm

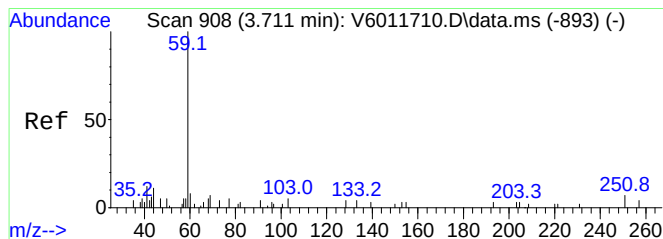
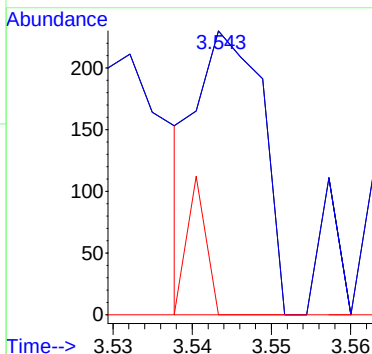
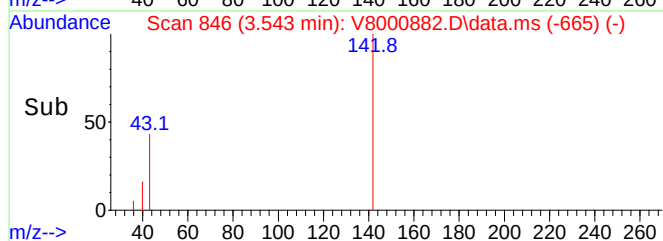
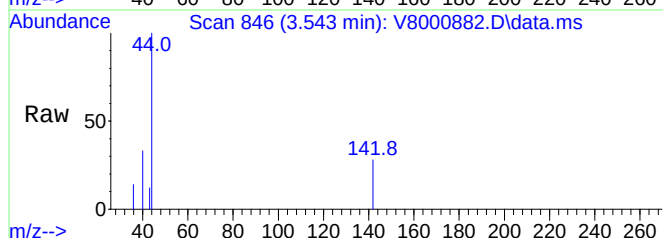
Tgt Ion: 43 Resp: 1966
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 24.8 13.9 41.6





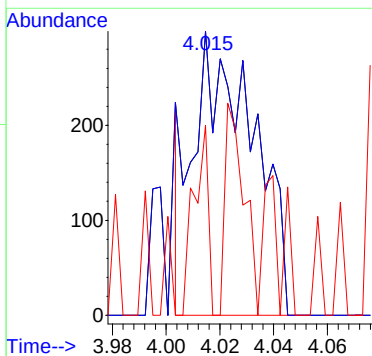
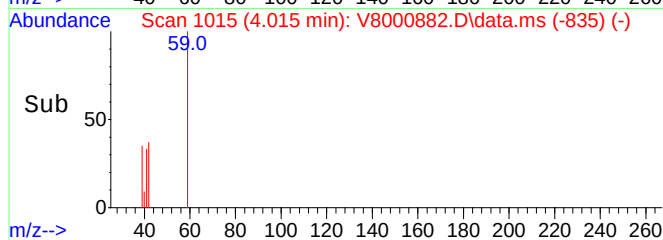
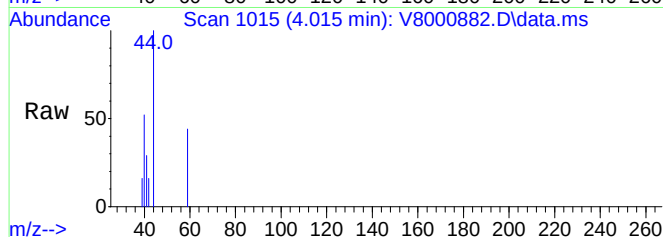
#13
Iodomethane
Concen: Below Cal
RT: 3.543 min Scan# 846
Delta R.T. 0.004 min
Lab File: V8000882.D
Acq: 6 May 2016 1:23 pm

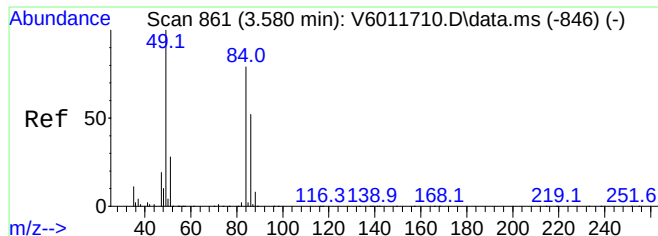
Tgt Ion: 142 Resp: 133
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 14.3 20.8 62.2#



#16
tert-Butyl Alcohol (TBA)
Concen: 0.57 ppb m
RT: 4.015 min Scan# 1015
Delta R.T. 0.003 min
Lab File: V8000882.D
Acq: 6 May 2016 1:23 pm

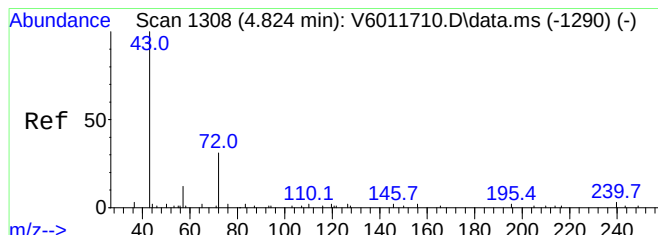
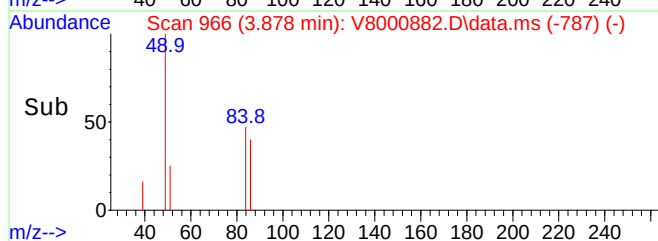
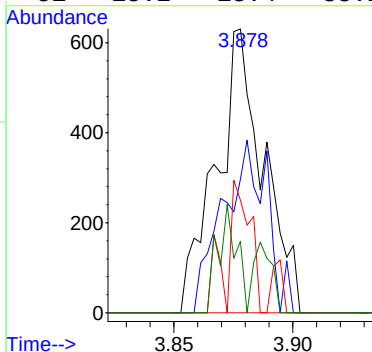
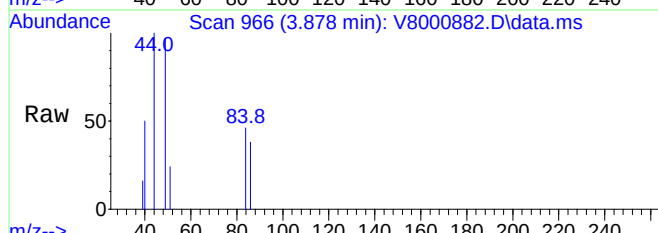
Tgt Ion: 59 Resp: 458
Ion Ratio Lower Upper
59 100
59 43.2 65.0 135.0#
41 16.6 6.0 18.0





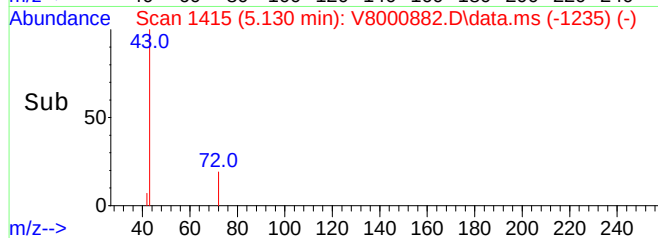
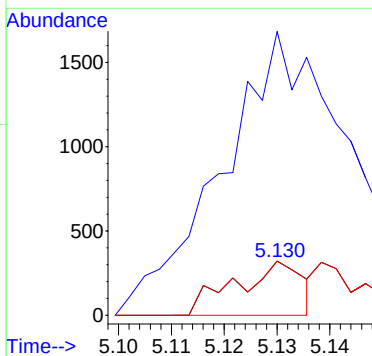
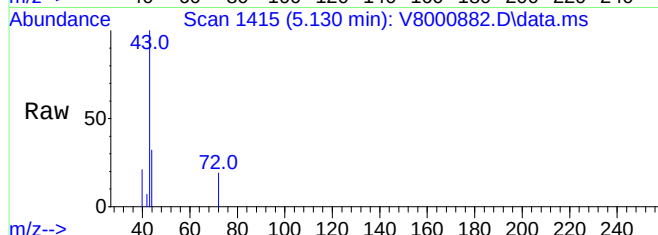
#17
Methylene Chloride
Concen: Below Cal
RT: 3.878 min Scan# 966
Delta R.T. 0.000 min
Lab File: V8000882.D
Acq: 6 May 2016 1:23 pm

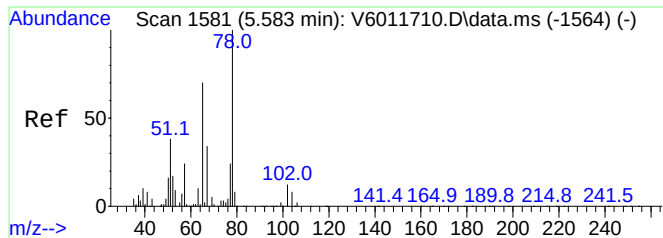
Tgt Ion: 49 Resp: 876
Ion Ratio Lower Upper
49 100
84 56.6 51.5 107.1
86 23.7 34.1 70.7#
51 15.2 18.4 38.2#



#26
2-Butanone
Concen: Below Cal
RT: 5.130 min Scan# 1415
Delta R.T. 0.002 min
Lab File: V8000882.D
Acq: 6 May 2016 1:23 pm

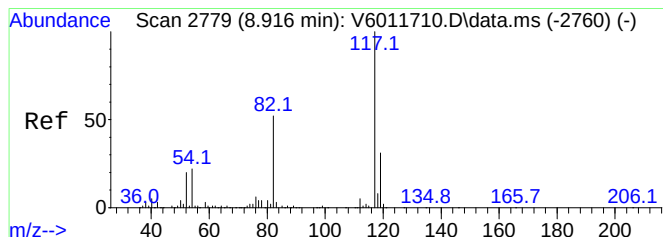
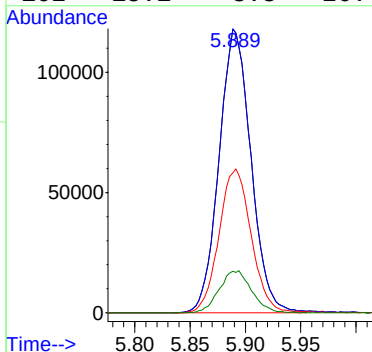
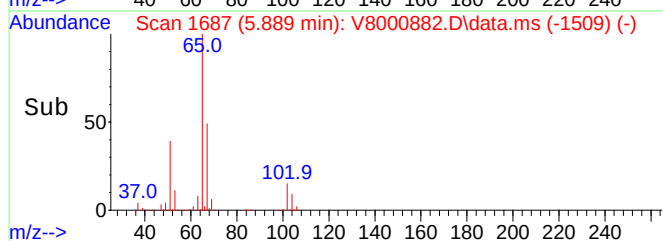
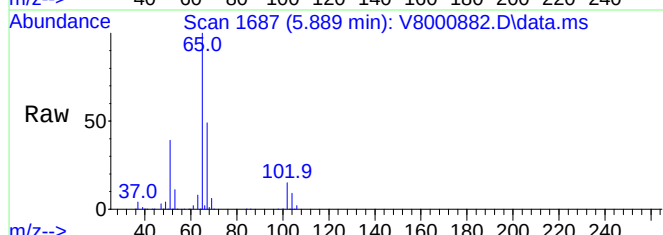
Tgt Ion: 72 Resp: 283
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0





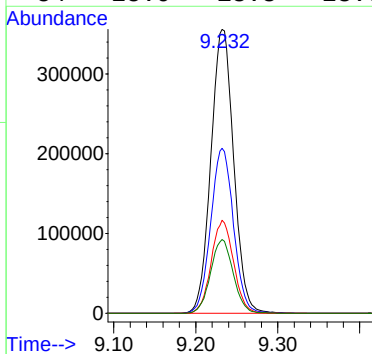
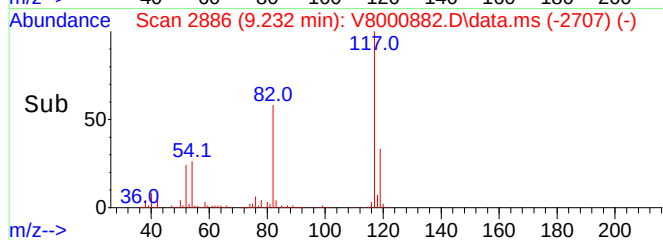
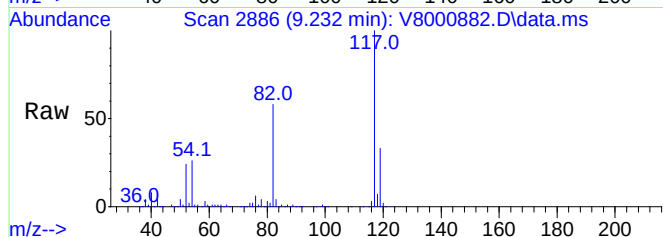
#34
d4-1,2-Dichloroethane (Surr)
Concen: 10.58 ppb
RT: 5.889 min Scan# 1687
Delta R.T. -0.002 min
Lab File: V8000882.D
Acq: 6 May 2016 1:23 pm

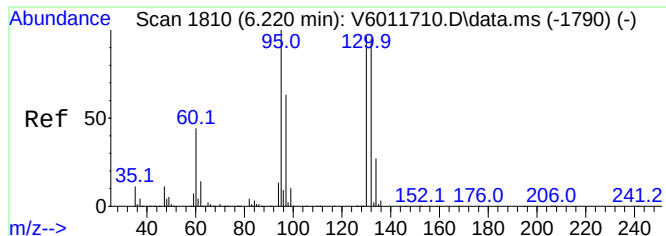
Tgt Ion: 65 Resp: 236735
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 51.4 31.3 65.1
102 15.1 8.8 26.4



#40
CHLOROBENZENE-d5 (Istd)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000882.D
Acq: 6 May 2016 1:23 pm

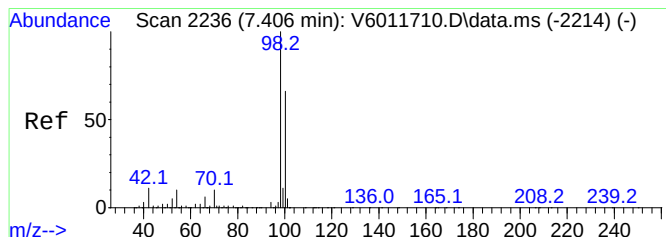
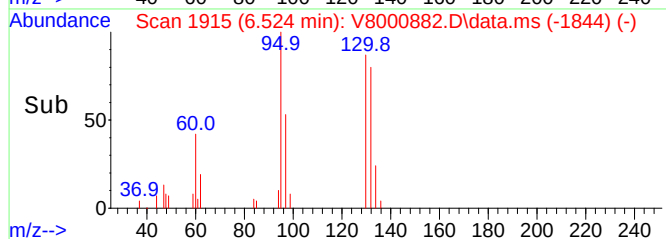
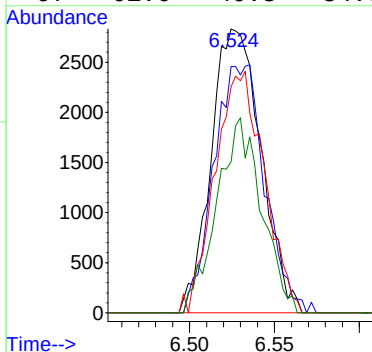
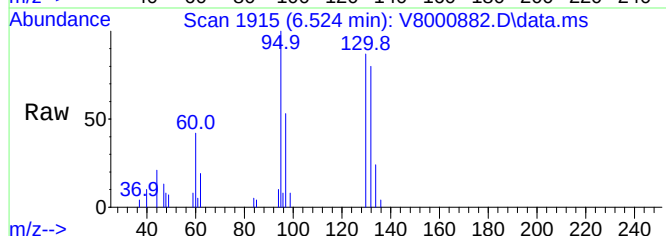
Tgt Ion: 117 Resp: 688465
Ion Ratio Lower Upper
117 100
82 58.1 34.0 70.6
119 32.2 21.5 44.7
54 25.9 13.8 28.6





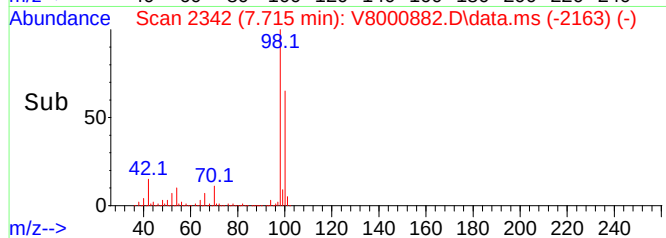
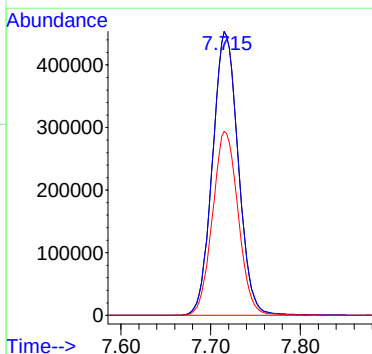
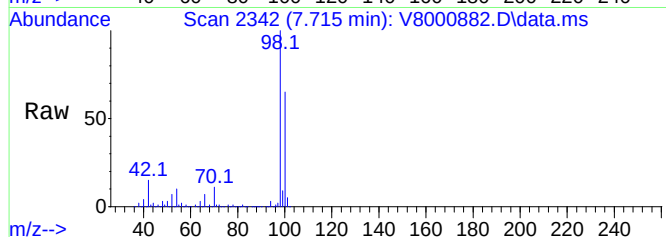
#41
 Trichloroethylene
 Concen: 0.48 ppb
 RT: 6.524 min Scan# 1915
 Delta R.T. -0.003 min
 Lab File: V8000882.D
 Acq: 6 May 2016 1:23 pm

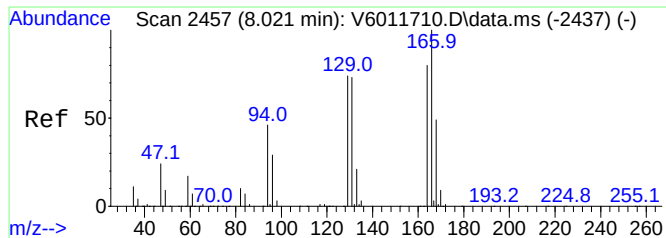
Tgt Ion:	95	Resp:	5790
Ion Ratio	Lower	Upper	
95	100		
130	89.0	62.6	130.0
132	84.1	62.0	128.8
97	61.6	40.8	84.6



#51
 Toluene-d8 (SURR)
 Concen: 10.74 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000882.D
 Acq: 6 May 2016 1:23 pm

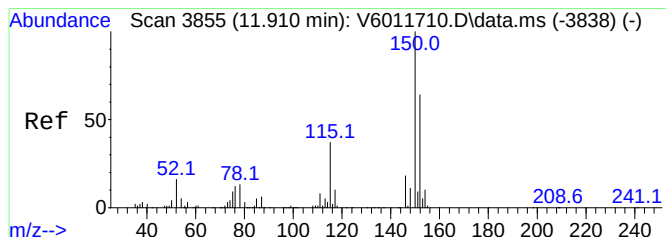
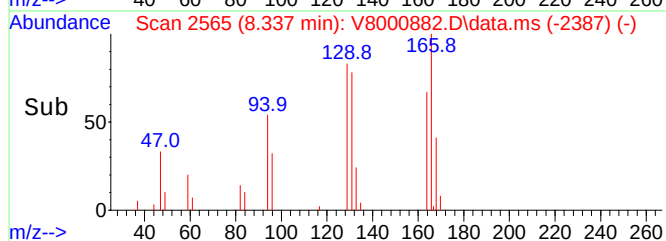
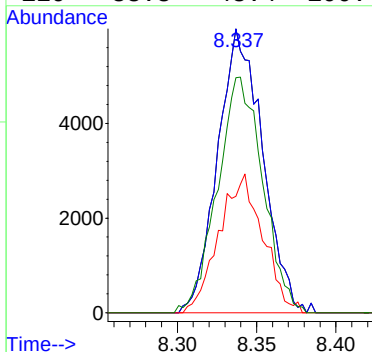
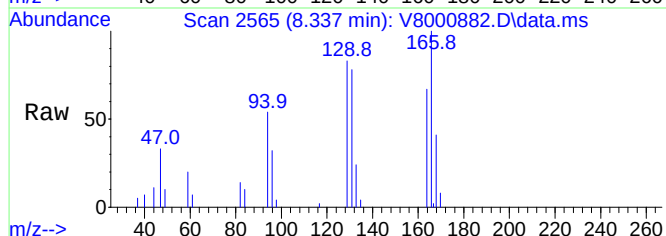
Tgt Ion:	98	Resp:	900167
Ion Ratio	Lower	Upper	
98	100		
98	100.0	65.0	135.0
100	64.7	42.8	89.0





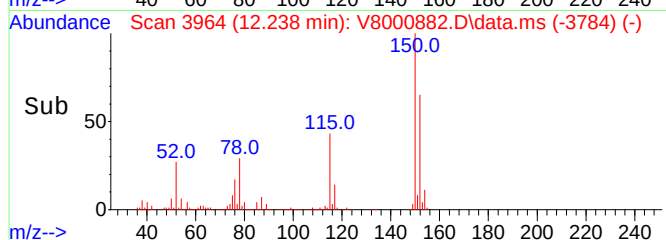
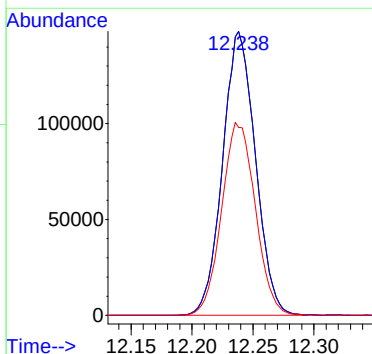
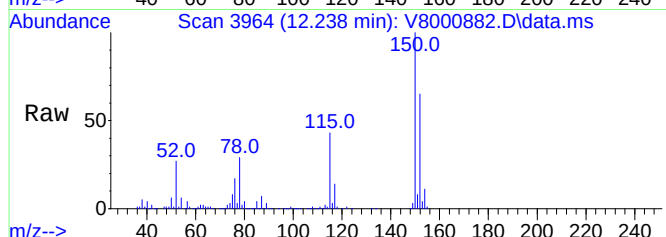
#56
Tetrachloroethylene
Concen: 0.89 ppb
RT: 8.337 min Scan# 2565
Delta R.T. -0.003 min
Lab File: V8000882.D
Acq: 6 May 2016 1:23 pm

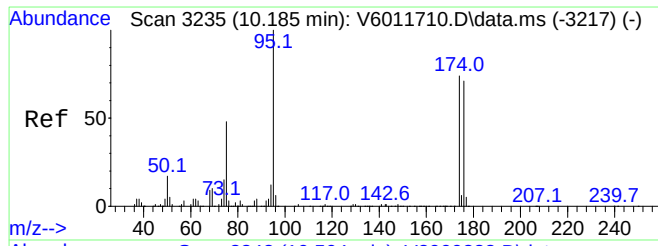
Tgt Ion:	166	Resp:	11807
Ion Ratio	Lower	Upper	
166	100		
166	100.0	65.0	135.0
168	47.8	31.8	66.0
129	83.8	48.4	100.4



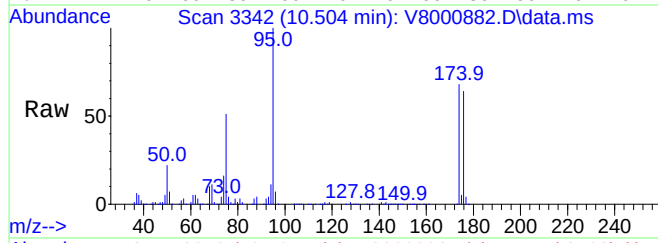
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000882.D
Acq: 6 May 2016 1:23 pm

Tgt Ion:	152	Resp:	277118
Ion Ratio	Lower	Upper	
152	100		
152	100.0	50.0	150.0
115	69.7	31.5	94.5



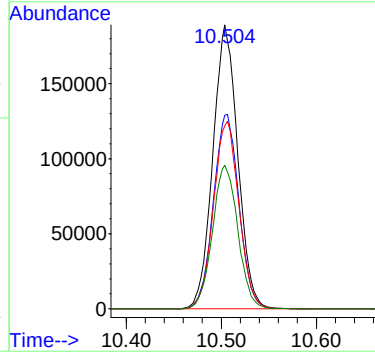
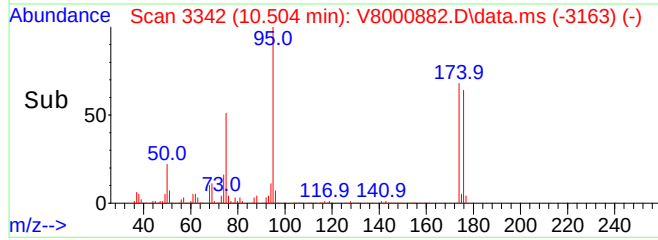


#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.81 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. 0.000 min
 Lab File: V8000882.D
 Acq: 6 May 2016 1:23 pm



Tgt Ion: 95 Resp: 344585

Ion	Ratio	Lower	Upper
95	100		
174	70.2	47.8	99.4
176	67.5	46.3	96.1
75	51.5	31.0	64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

2A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-05 File ID: V8000883.D
 Sampled: 04/27/16 10:50 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 13:49
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

2A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-05 File ID: V8000883.D
 Sampled: 04/27/16 10:50 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 13:49
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000883.D
 Acq On : 6 May 2016 1:49 pm
 Operator : BK
 Sample : 16E0003-05
 Misc : V8050616A 8260 LOW A
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 06 15:18:16 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

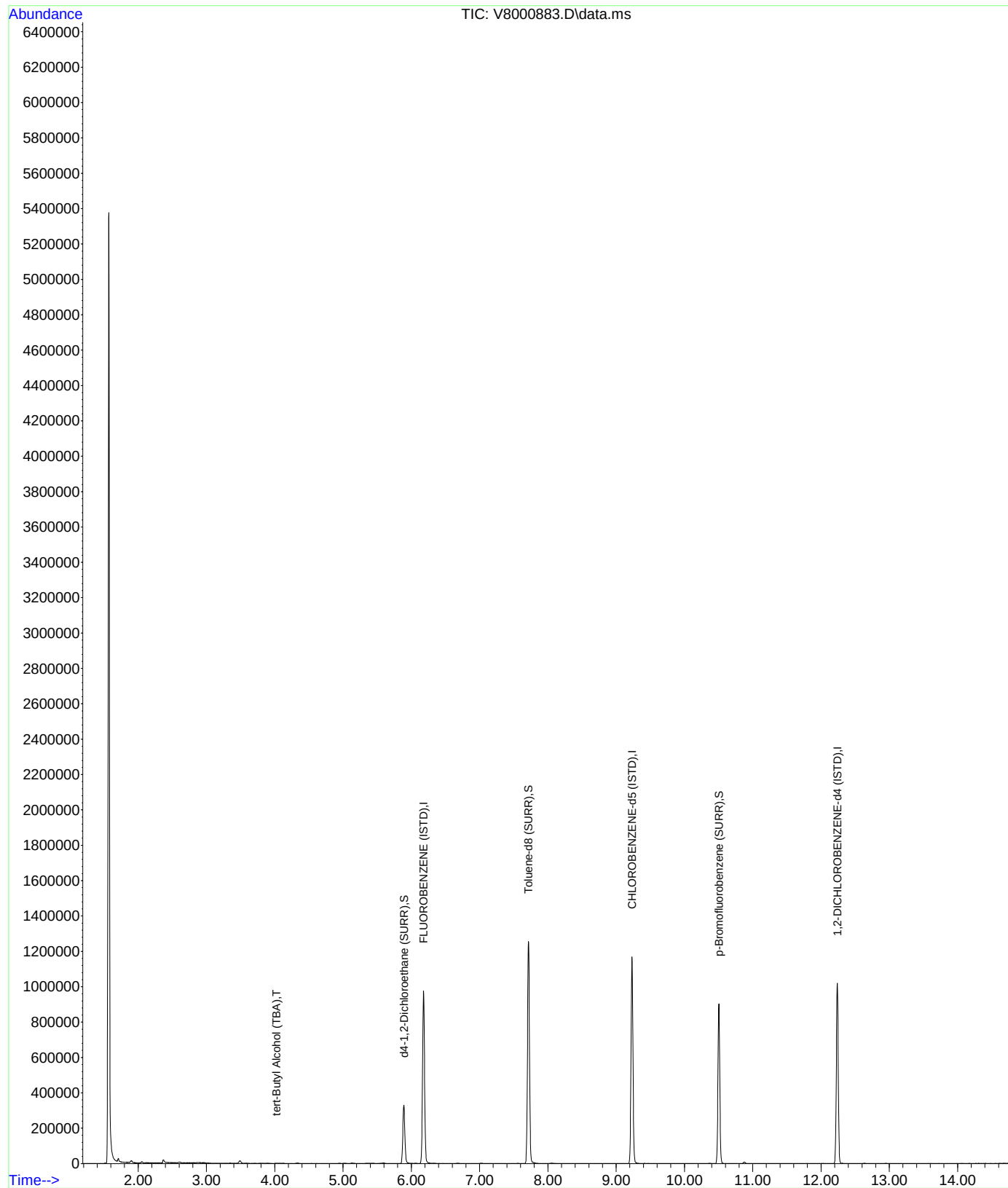
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

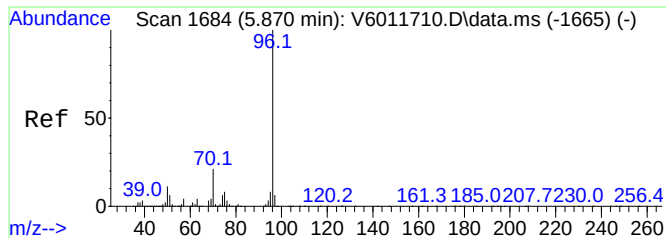
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	193465	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	710262	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	295427	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	252122	10.88	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.80%	
51) Toluene-d8 (SURR)	7.715	98	924870	10.69	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.90%	
70) p-Bromofluorobenzene (...)	10.504	95	363044	11.67	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	116.70%	
Target Compounds						
12) Acetone	3.462	43	1111	Below Cal		Qvalue 100
13) Iodomethane	3.526	142	32	Below Cal		92
16) tert-Butyl Alcohol (TBA)	4.023	59	659m	0.79 ppb		
17) Methylene Chloride	3.864	49	301	Below Cal	#	33
26) 2-Butanone	5.124	72	330	Below Cal	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000883.D
Acq On : 6 May 2016 1:49 pm
Operator : BK
Sample : 16E0003-05
Misc : V8050616A 8260 LOW A
ALS Vial : 13 Sample Multiplier: 1

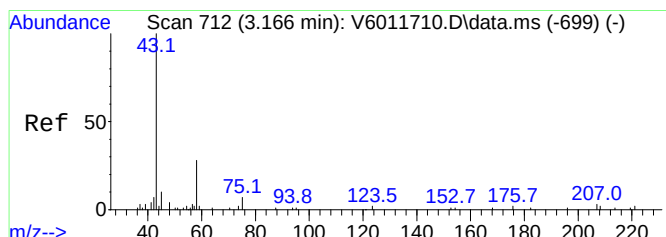
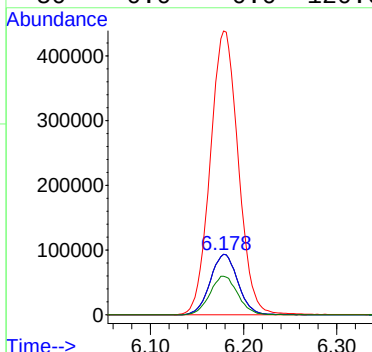
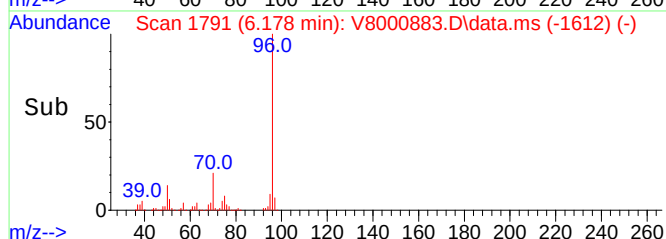
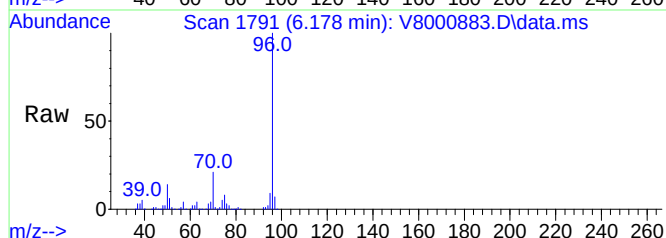
Quant Time: May 06 15:18:16 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





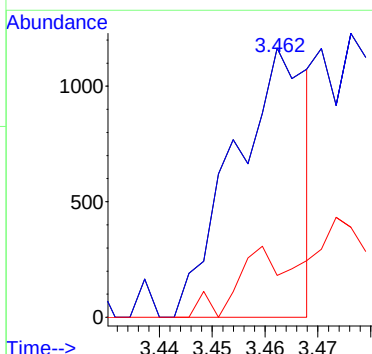
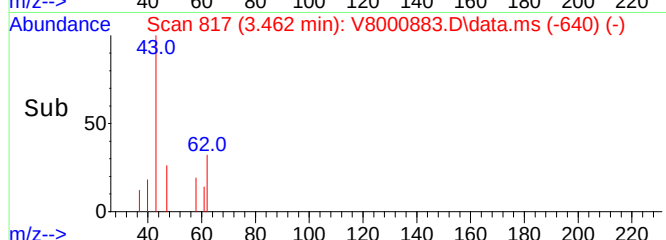
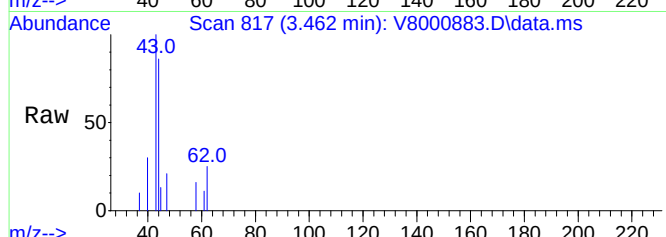
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000883.D
 Acq: 6 May 2016 1:49 pm

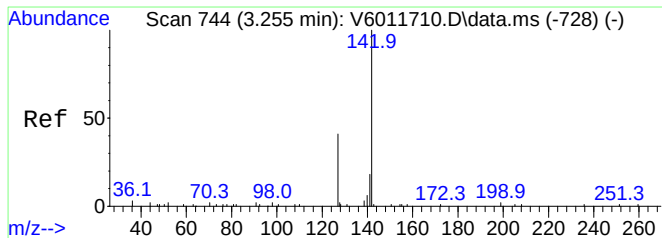
Tgt Ion: 70 Resp: 193465
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 474.0 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.462 min Scan# 817
 Delta R.T. -0.007 min
 Lab File: V8000883.D
 Acq: 6 May 2016 1:49 pm

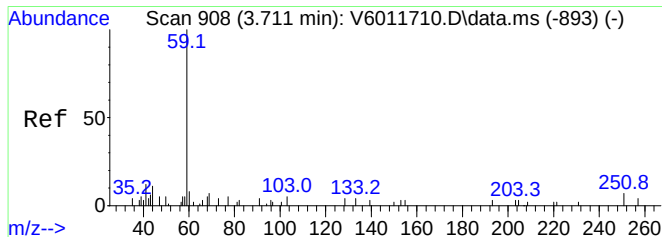
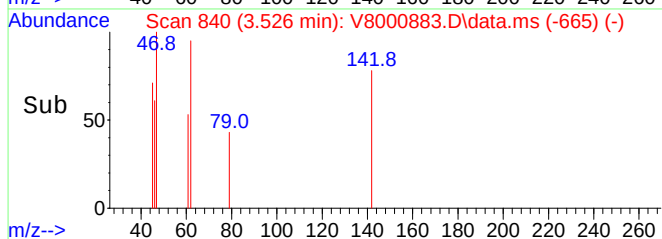
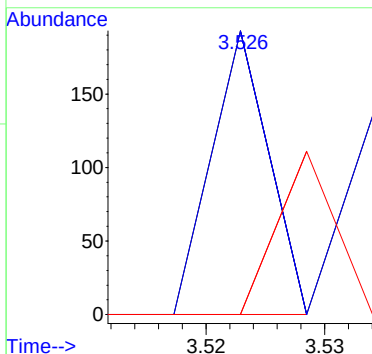
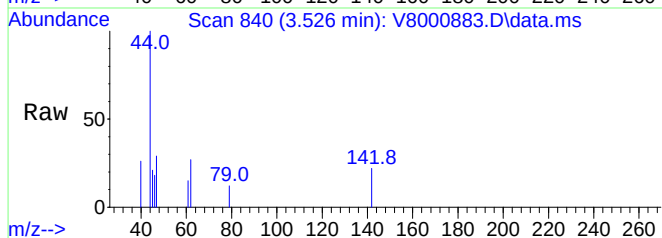
Tgt Ion: 43 Resp: 1111
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 28.8 13.9 41.6





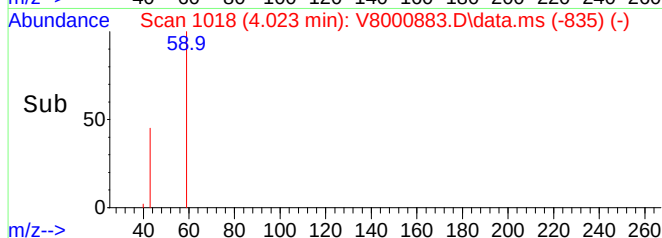
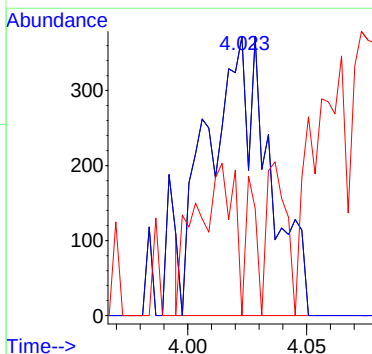
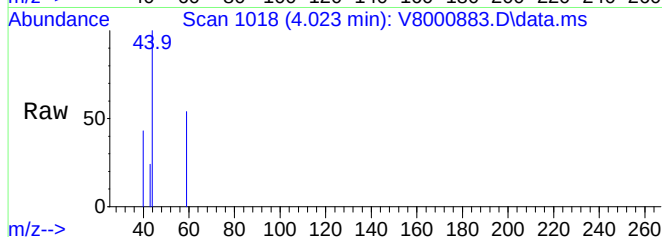
#13
Iodomethane
Concen: Below Cal
RT: 3.526 min Scan# 840
Delta R.T. -0.013 min
Lab File: V8000883.D
Acq: 6 May 2016 1:49 pm

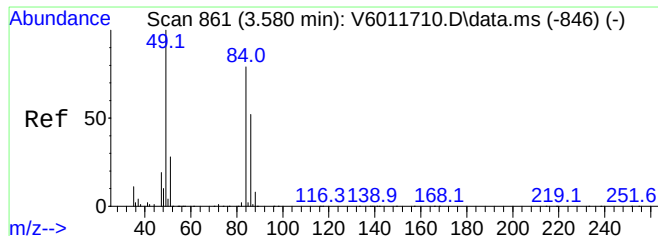
Tgt Ion: 142 Resp: 32
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 59.4 20.8 62.2



#16
tert-Butyl Alcohol (TBA)
Concen: 0.79 ppb m
RT: 4.023 min Scan# 1018
Delta R.T. 0.011 min
Lab File: V8000883.D
Acq: 6 May 2016 1:49 pm

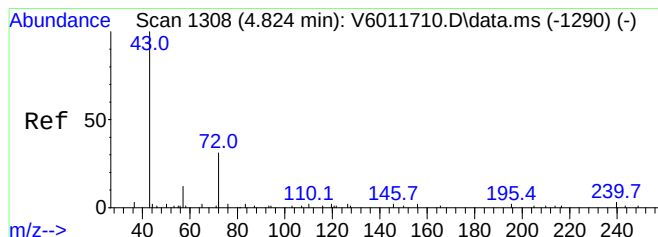
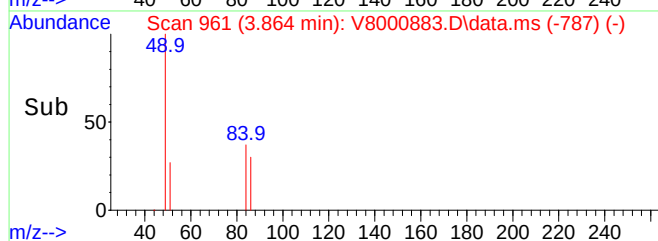
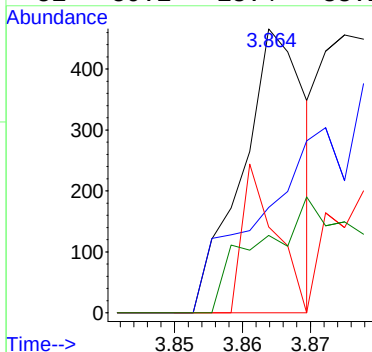
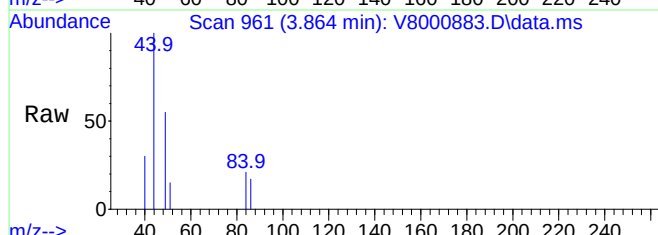
Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
59 27.6 65.0 135.0#
41 18.1 6.0 18.0#





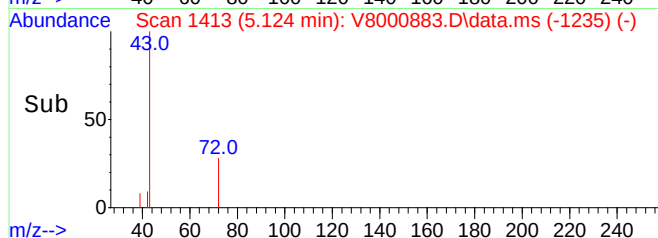
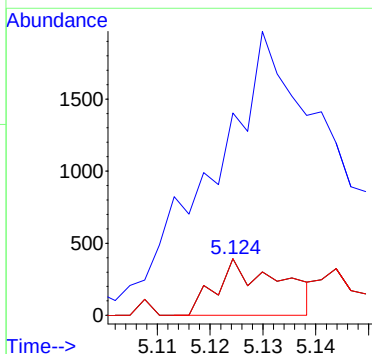
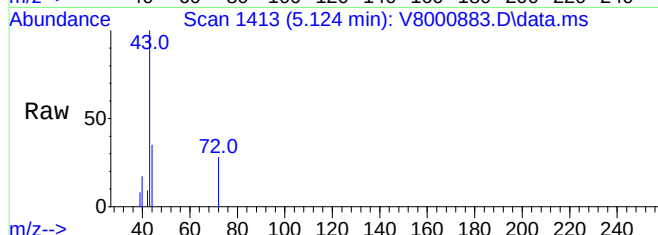
#17
Methylene Chloride
Concen: Below Cal
RT: 3.864 min Scan# 961
Delta R.T. -0.014 min
Lab File: V8000883.D
Acq: 6 May 2016 1:49 pm

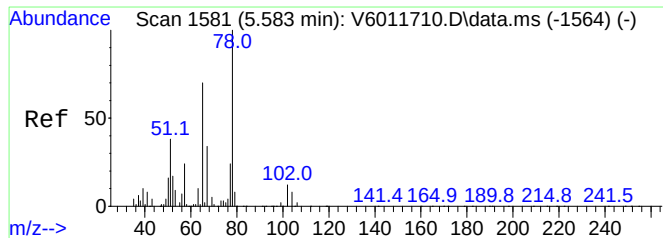
Tgt Ion: 49 Resp: 301
Ion Ratio Lower Upper
49 100
84 0.0 51.5 107.1#
86 27.6 34.1 70.7#
51 59.1 18.4 38.2#



#26
2-Butanone
Concen: Below Cal
RT: 5.124 min Scan# 1413
Delta R.T. -0.004 min
Lab File: V8000883.D
Acq: 6 May 2016 1:49 pm

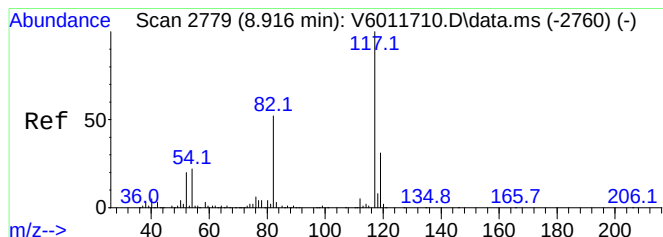
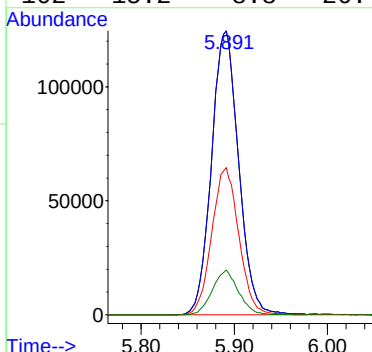
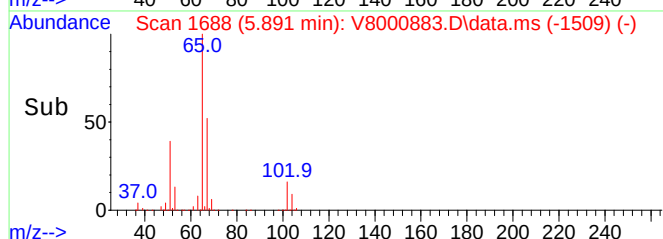
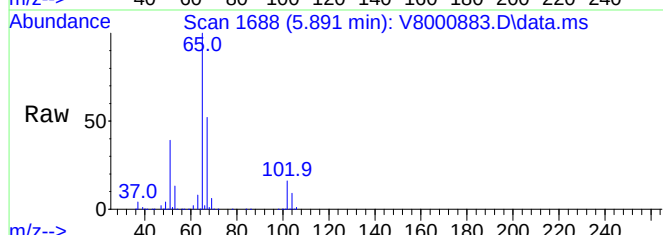
Tgt Ion: 72 Resp: 330
Ion Ratio Lower Upper
72 100
43 1068.2 260.7 391.1#
72 100.0 50.0 150.0





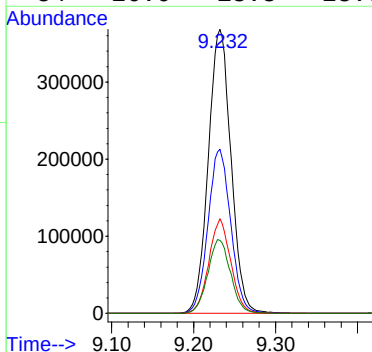
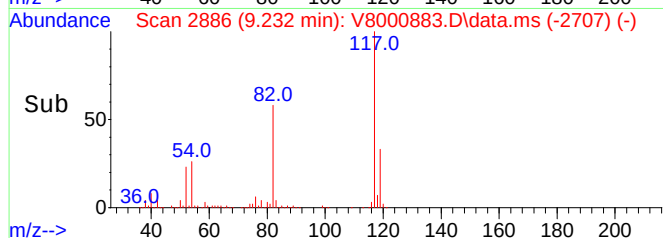
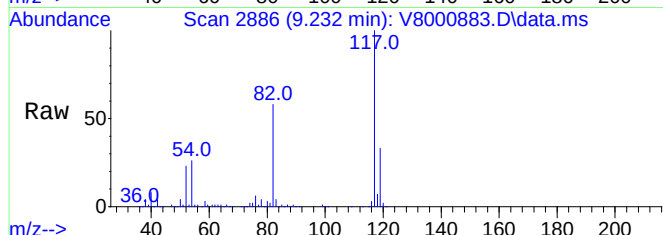
#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.88 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000883.D
Acq: 6 May 2016 1:49 pm

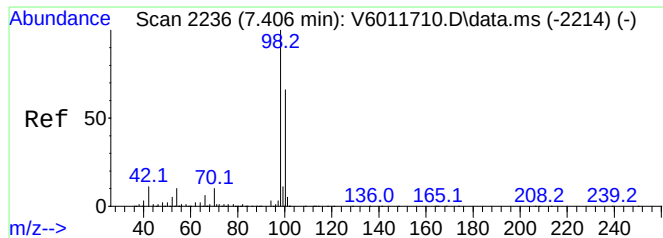
Tgt Ion: 65 Resp: 252122
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 51.6 31.3 65.1
102 15.2 8.8 26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000883.D
Acq: 6 May 2016 1:49 pm

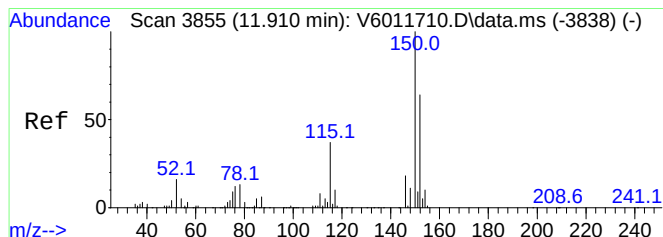
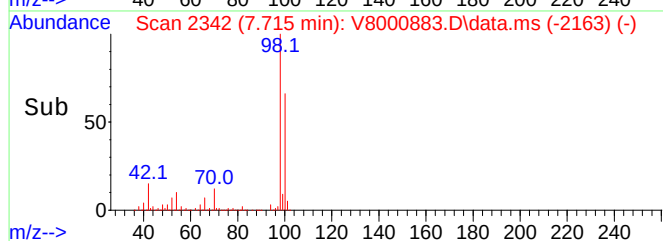
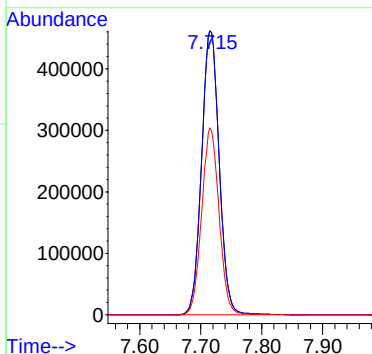
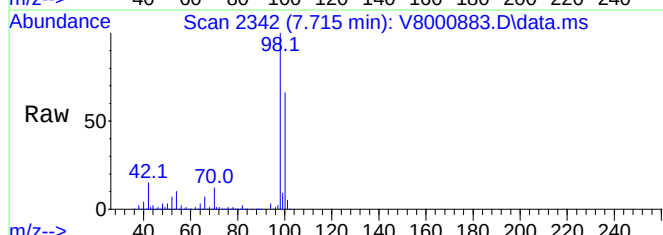
Tgt Ion: 117 Resp: 710262
Ion Ratio Lower Upper
117 100
82 57.9 34.0 70.6
119 32.2 21.5 44.7
54 26.0 13.8 28.6





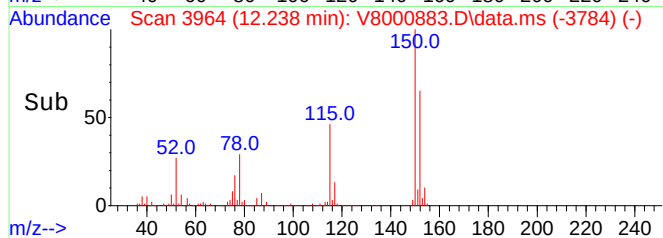
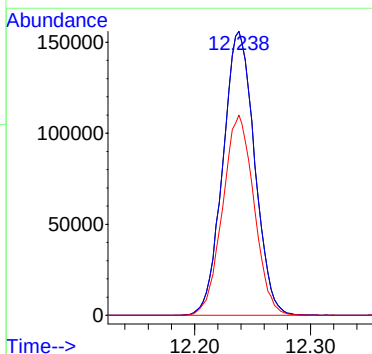
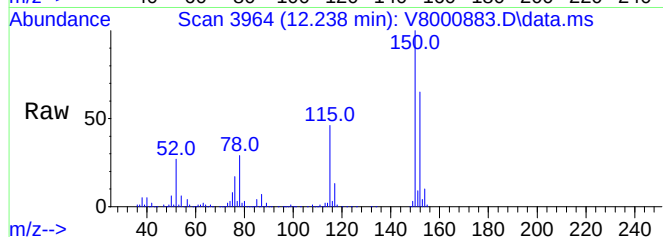
#51
Toluene-d8 (Surr)
Concen: 10.69 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000883.D
Acq: 6 May 2016 1:49 pm

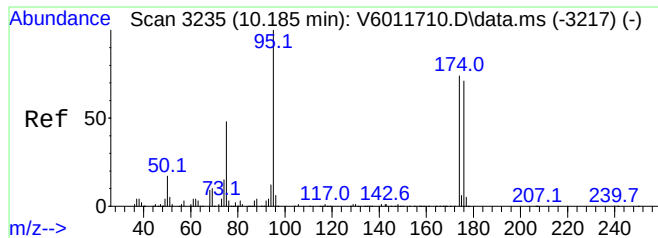
Tgt Ion: 98 Resp: 924870
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 65.0 42.8 89.0



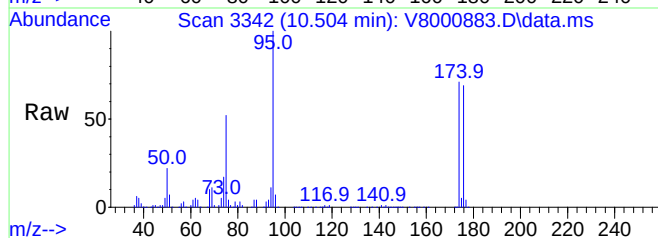
#67
1,2-DICHLOROBENZENE-d4 (Istd)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000883.D
Acq: 6 May 2016 1:49 pm

Tgt Ion: 152 Resp: 295427
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.9 31.5 94.5



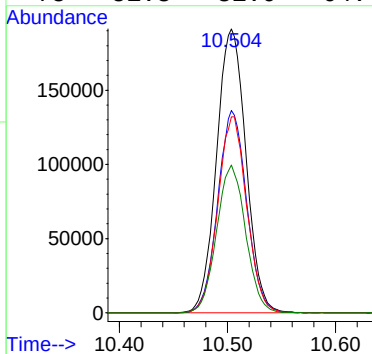
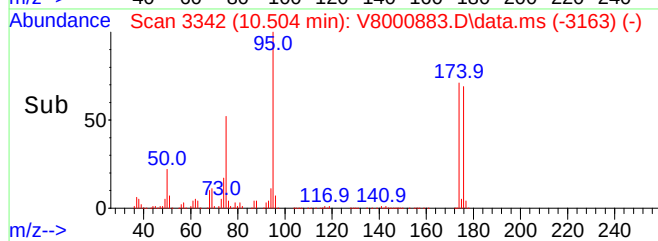


#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.67 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. 0.000 min
 Lab File: V8000883.D
 Acq: 6 May 2016 1:49 pm



Tgt Ion: 95 Resp: 363044

Ion	Ratio	Lower	Upper
95	100		
174	70.0	47.8	99.4
176	67.7	46.3	96.1
75	51.3	31.0	64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

2B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-06 File ID: V8000892.D
 Sampled: 04/27/16 10:35 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 17:39
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

2B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-06 File ID: V8000892.D
 Sampled: 04/27/16 10:35 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 17:39
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.31	J
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.6	106	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.9	119	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000892.D
 Acq On : 6 May 2016 5:39 pm
 Operator : BK
 Sample : 16E0003-06
 Misc : V8050616A 8260 LOW A
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 09 12:01:32 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

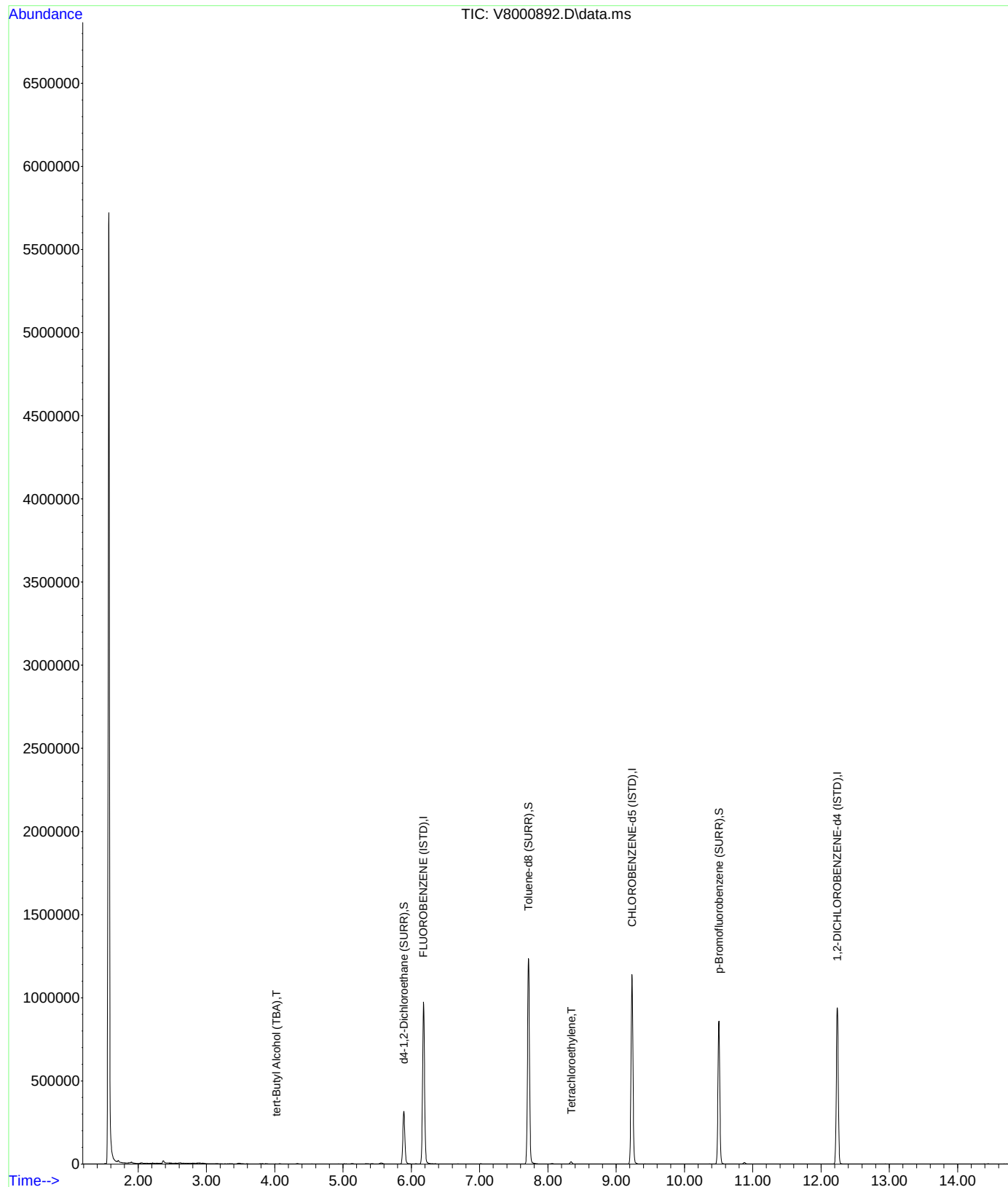
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

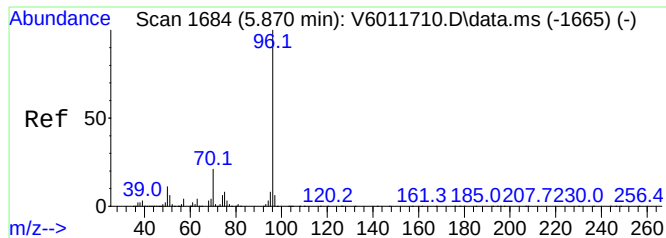
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.176	70	190026	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	687112	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.235	152	278505	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	241717	10.62	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.20%	
51) Toluene-d8 (SURR)	7.715	98	903746	10.80	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.00%	
70) p-Bromofluorobenzene (...)	10.504	95	350061	11.94	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	119.40%	
Target Compounds						
						Qvalue
12) Acetone	3.471	43	4493	Below Cal		100
13) Iodomethane	3.543	142	389	Below Cal	#	86
16) tert-Butyl Alcohol (TBA)	4.023	59	506m	0.62 ppb		
17) Methylene Chloride	3.875	49	815	Below Cal	#	42
26) 2-Butanone	5.130	72	346	Below Cal	#	1
56) Tetrachloroethylene	8.342	166	4075	0.31 ppb	#	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000892.D
Acq On : 6 May 2016 5:39 pm
Operator : BK
Sample : 16E0003-06
Misc : V8050616A 8260 LOW A
ALS Vial : 22 Sample Multiplier: 1

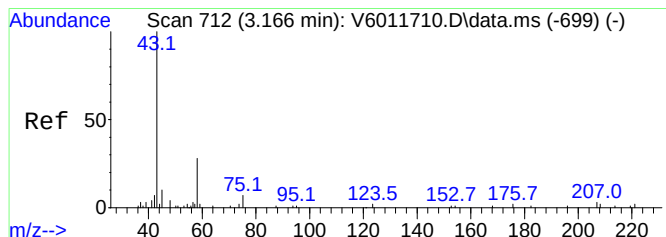
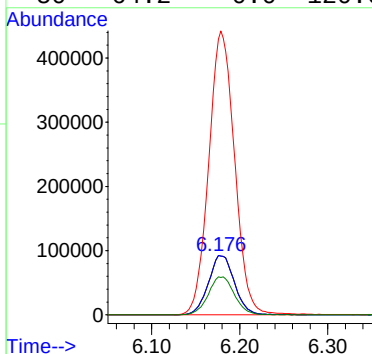
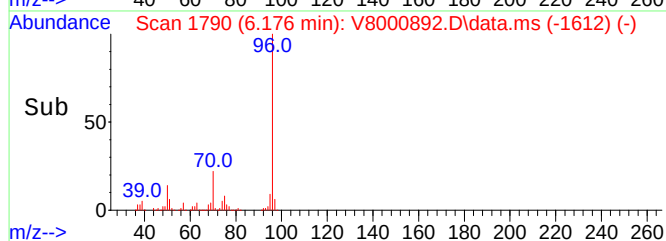
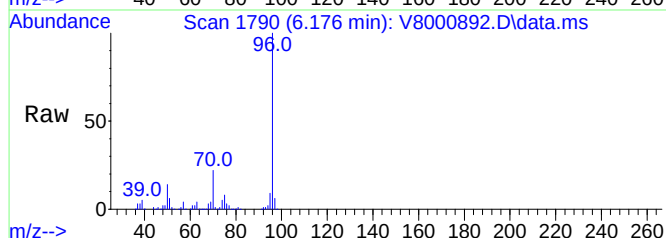
Quant Time: May 09 12:01:32 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





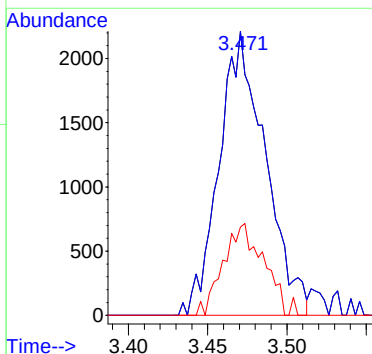
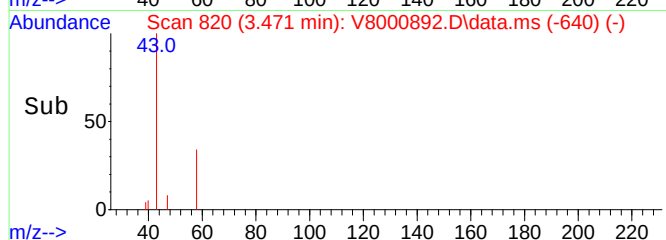
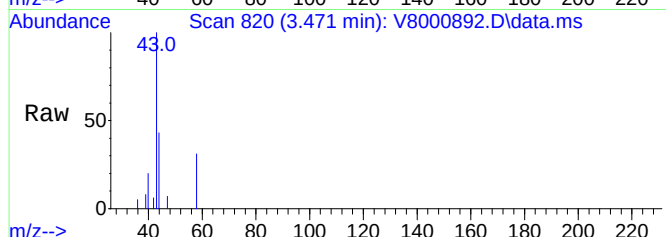
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.176 min Scan# 1790
 Delta R.T. -0.004 min
 Lab File: V8000892.D
 Acq: 6 May 2016 5:39 pm

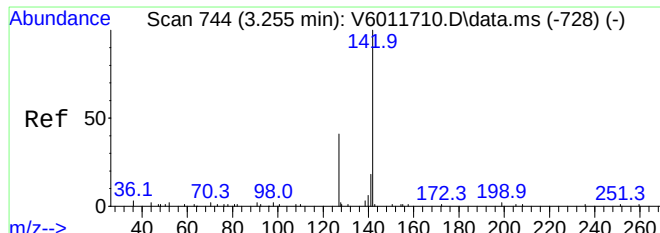
Tgt Ion: 70 Resp: 190026
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 474.3 343.3 713.1
 50 64.2 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.471 min Scan# 820
 Delta R.T. 0.001 min
 Lab File: V8000892.D
 Acq: 6 May 2016 5:39 pm

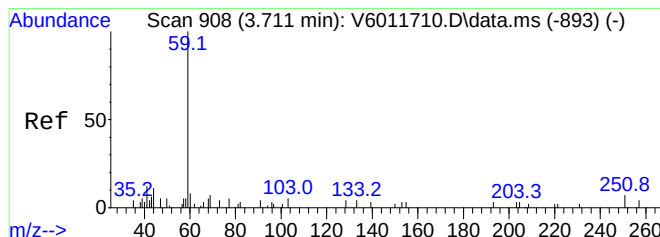
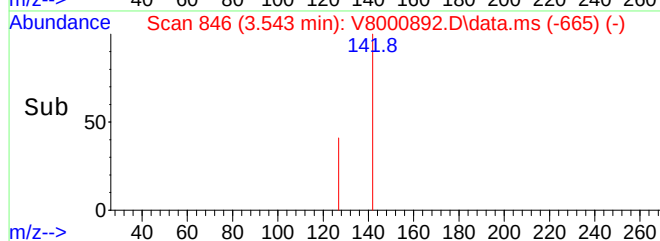
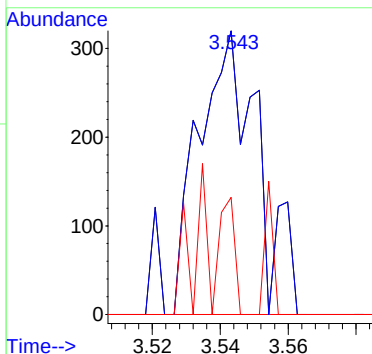
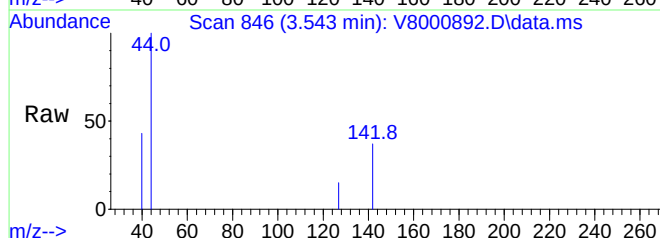
Tgt Ion: 43 Resp: 4493
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 27.9 13.9 41.6





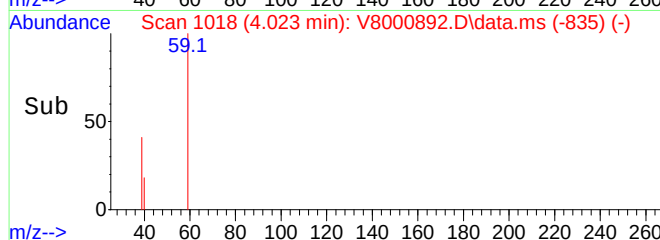
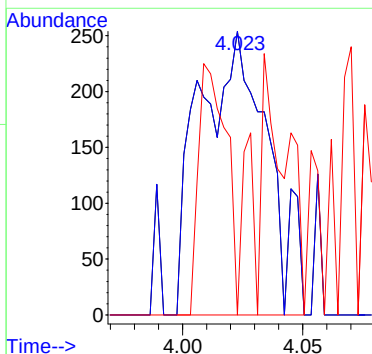
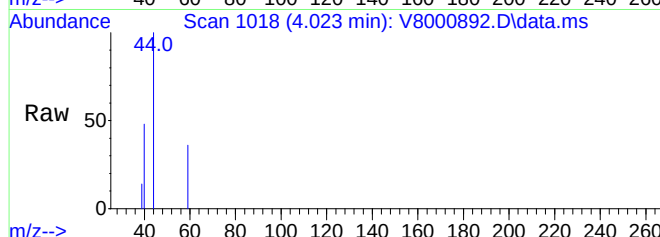
#13
Iodomethane
Concen: Below Cal
RT: 3.543 min Scan# 846
Delta R.T. 0.004 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

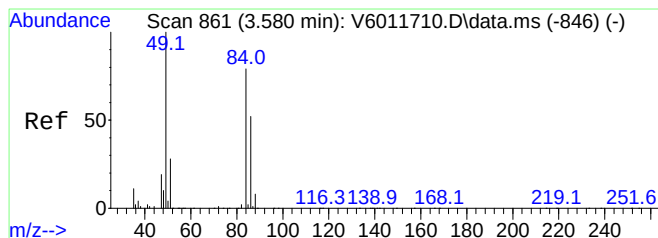
Tgt Ion: 142 Resp: 389
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 10.5 20.8 62.2#



#16
tert-Butyl Alcohol (TBA)
Concen: 0.62 ppb m
RT: 4.023 min Scan# 1018
Delta R.T. 0.011 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

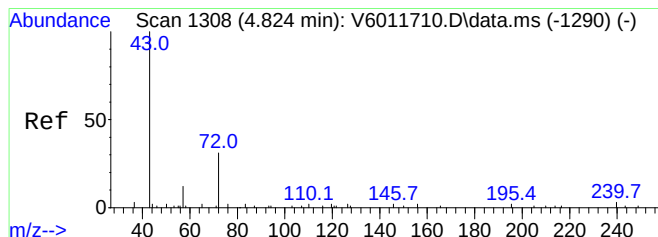
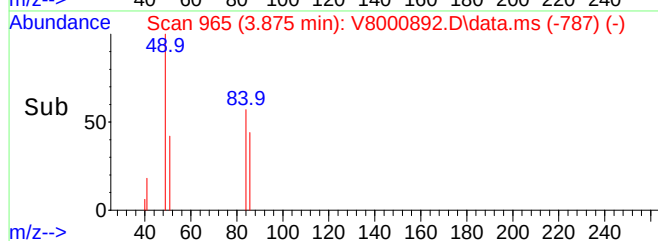
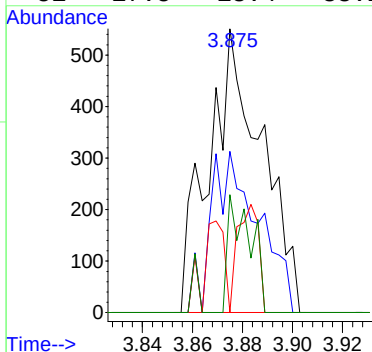
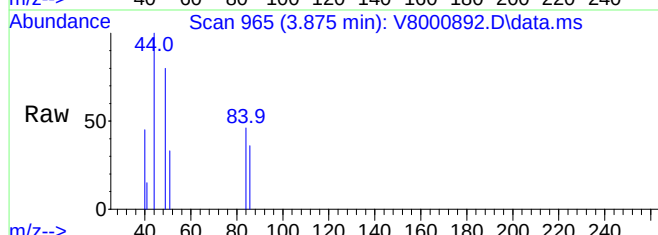
Tgt Ion: 59 Resp: 506
Ion Ratio Lower Upper
59 100
59 35.8 65.0 135.0#
41 35.6 6.0 18.0#





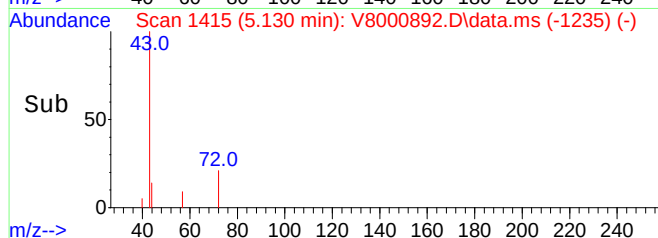
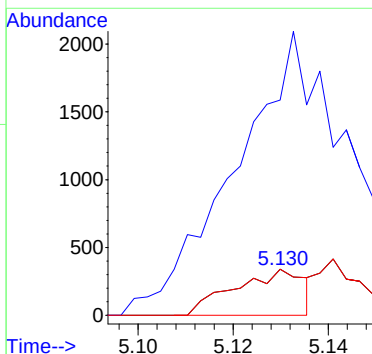
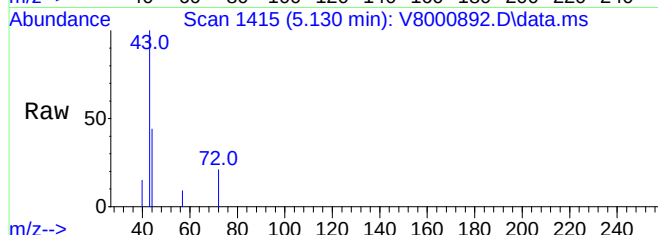
#17
Methylene Chloride
Concen: Below Cal
RT: 3.875 min Scan# 965
Delta R.T. -0.003 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

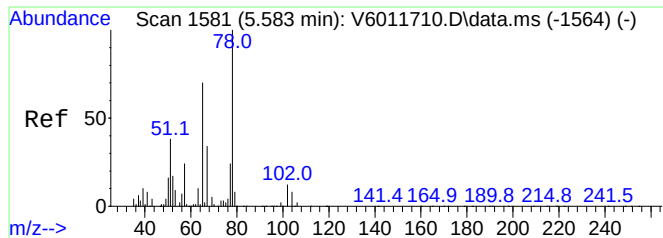
Tgt Ion:	49	Resp:	815
Ion Ratio	Lower	Upper	
49	100		
84	16.2	51.5	107.1#
86	12.6	34.1	70.7#
51	17.5	18.4	38.2#



#26
2-Butanone
Concen: Below Cal
RT: 5.130 min Scan# 1415
Delta R.T. 0.001 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

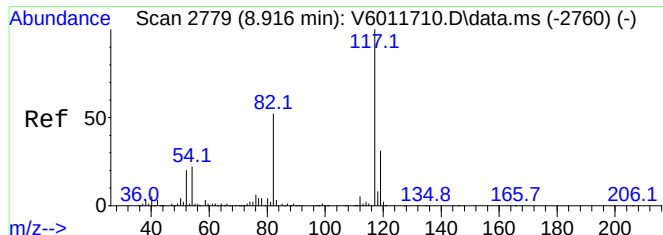
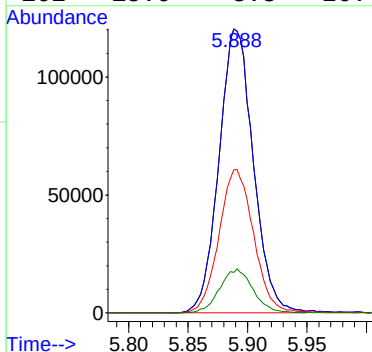
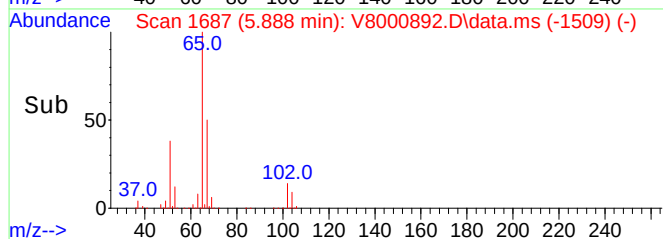
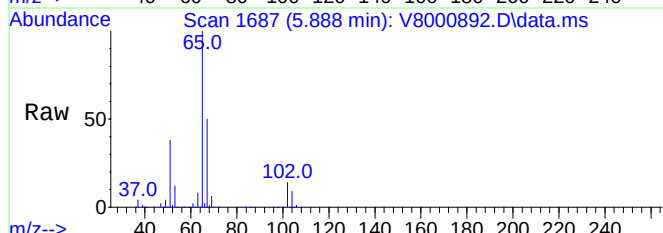
Tgt Ion:	72	Resp:	346
Ion Ratio	Lower	Upper	
72	100		
43	0.0	260.7	391.1#
72	100.0	50.0	150.0





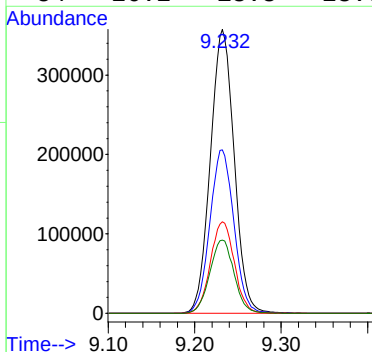
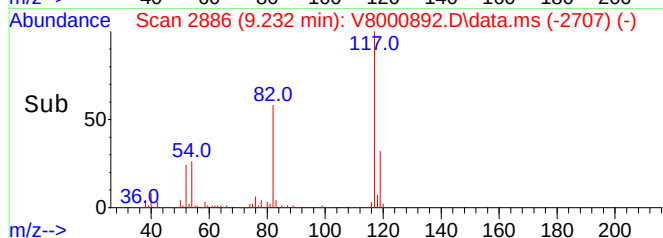
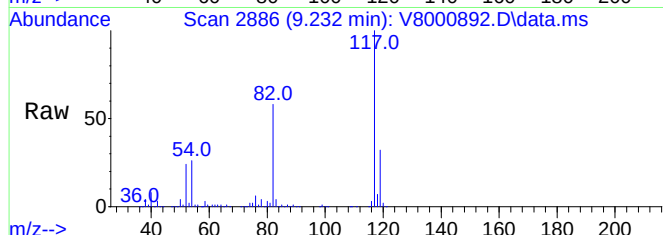
#34
d4-1,2-Dichloroethane (SURRE)
Concen: 10.62 ppb
RT: 5.888 min Scan# 1687
Delta R.T. -0.002 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

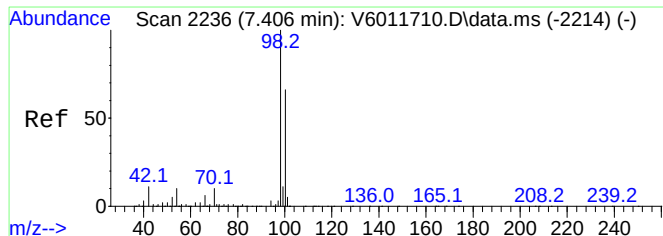
Tgt Ion: 65 Resp: 241717
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 51.0 31.3 65.1
102 15.0 8.8 26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

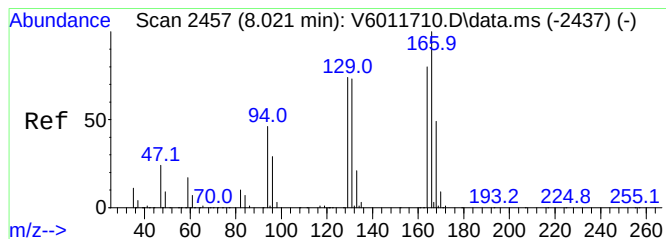
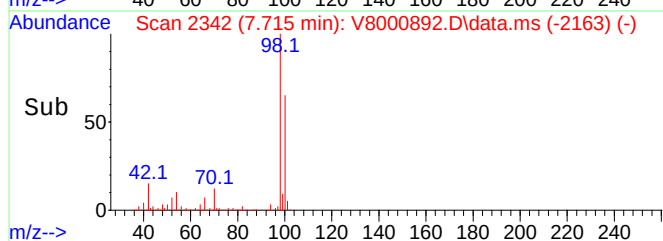
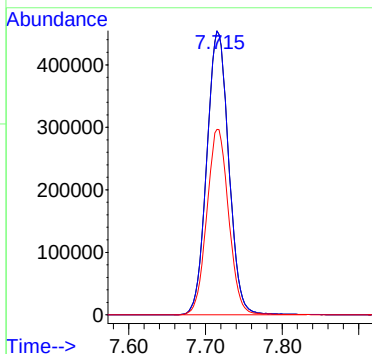
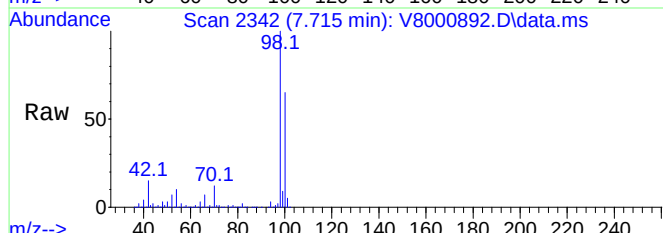
Tgt Ion: 117 Resp: 687112
Ion Ratio Lower Upper
117 100
82 58.3 34.0 70.6
119 32.5 21.5 44.7
54 26.2 13.8 28.6





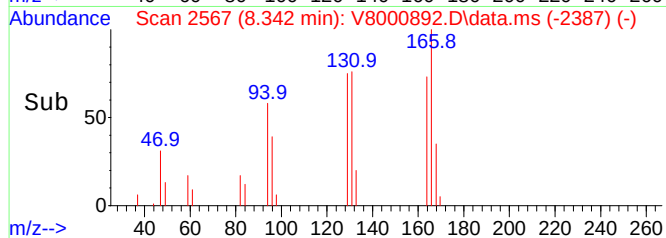
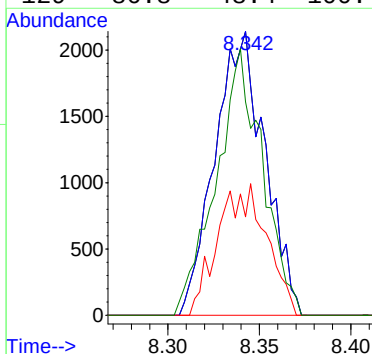
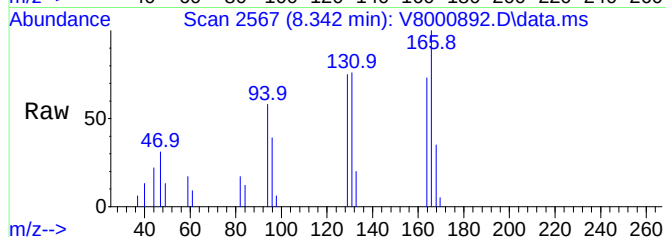
#51
Toluene-d8 (Surr)
Concen: 10.80 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

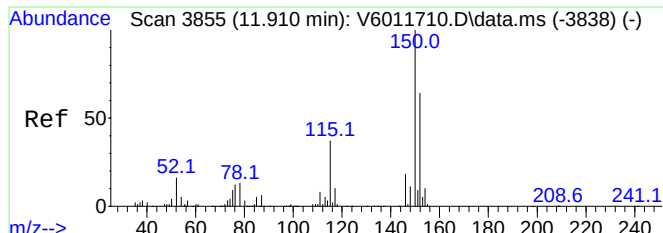
Tgt Ion: 98 Resp: 903746
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 65.0 42.8 89.0



#56
Tetrachloroethylene
Concen: 0.31 ppb
RT: 8.342 min Scan# 2567
Delta R.T. 0.003 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

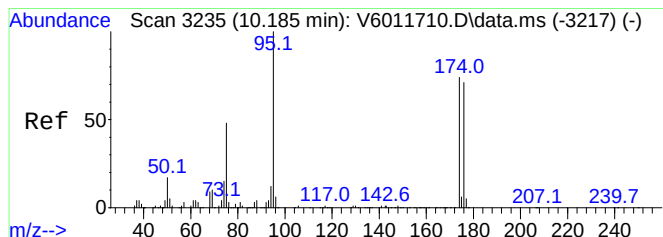
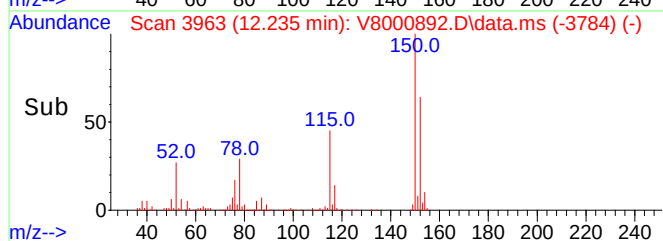
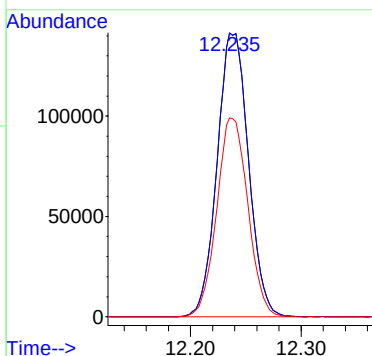
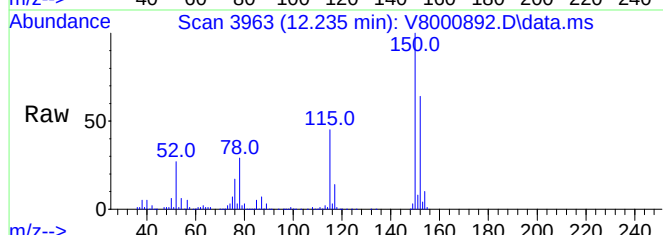
Tgt Ion: 166 Resp: 4075
Ion Ratio Lower Upper
166 100
166 100.0 65.0 135.0
168 19.1 31.8 66.0#
129 86.8 48.4 100.4





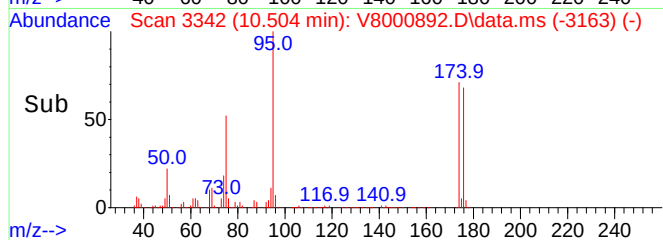
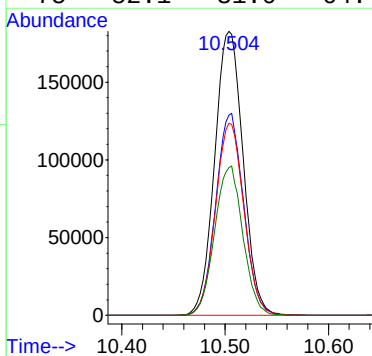
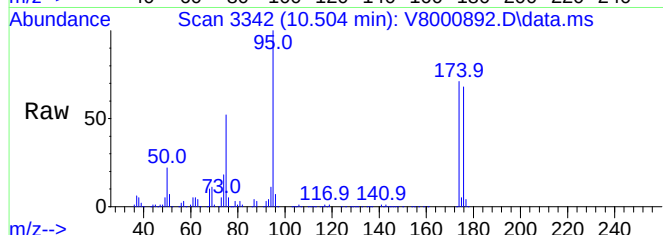
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.235 min Scan# 3963
Delta R.T. -0.002 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

Tgt Ion: 152 Resp: 278505
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.6 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.94 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000892.D
Acq: 6 May 2016 5:39 pm

Tgt Ion: 95 Resp: 350061
Ion Ratio Lower Upper
95 100
174 69.8 47.8 99.4
176 67.4 46.3 96.1
75 52.1 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

2C

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-07 File ID: V8000886.D
 Sampled: 04/27/16 09:25 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 15:05
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.62	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	3.0	
75-35-4	1,1-Dichloroethylene	1	1.4	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

2C

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-07 File ID: V8000886.D
 Sampled: 04/27/16 09:25 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 15:05
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.9	119	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000886.D
 Acq On : 6 May 2016 3:05 pm
 Operator : BK
 Sample : 16E0003-07
 Misc : V8050616A 8260 LOW A
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 09 11:52:44 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

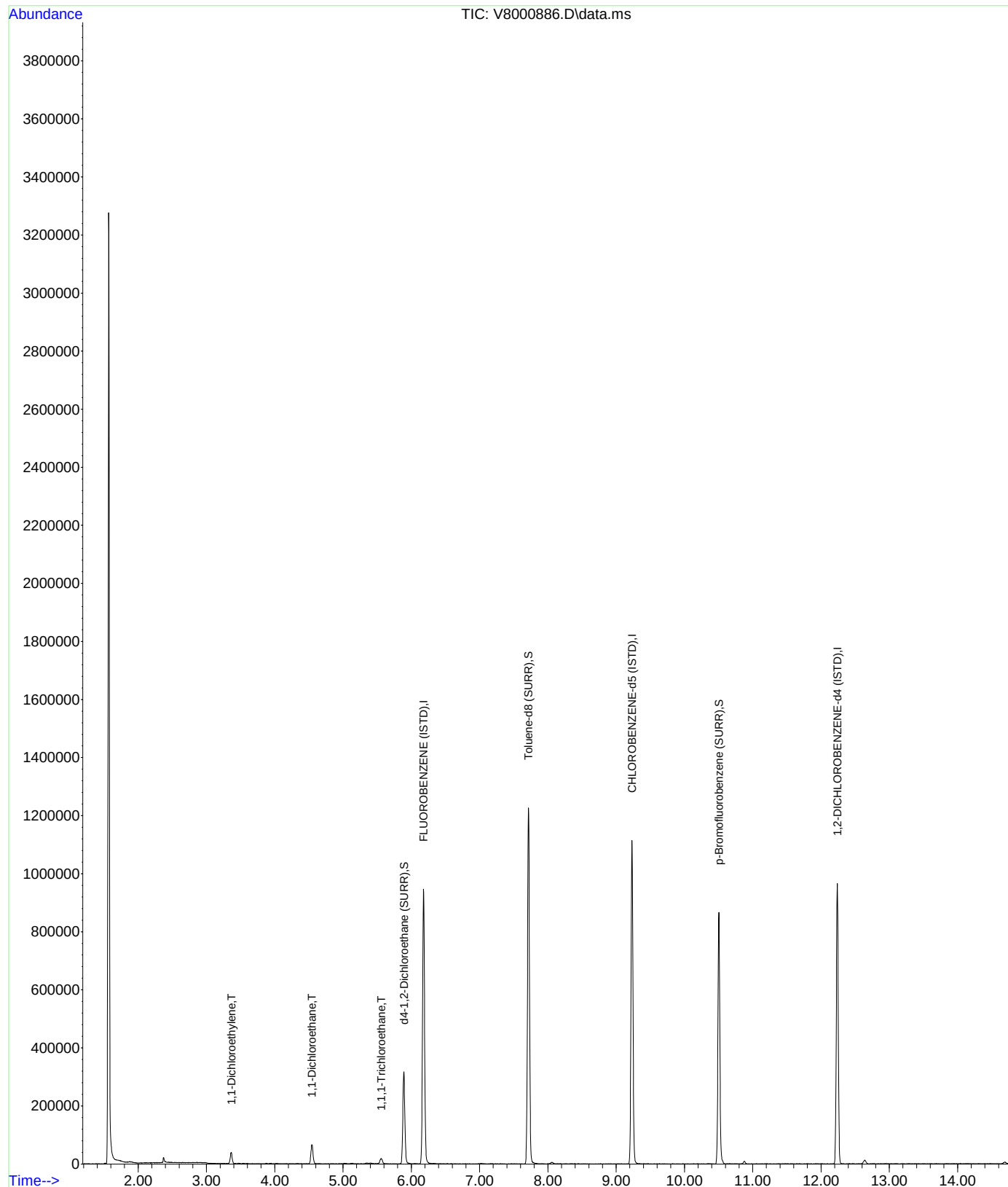
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

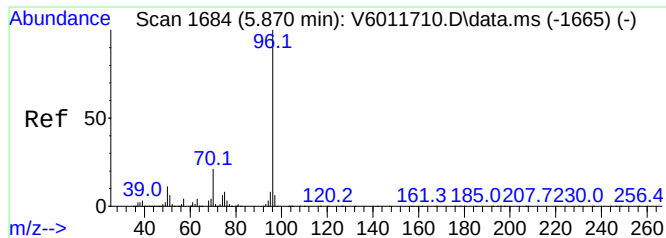
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	187023	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	677810	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	279629	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	243623	10.88	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.80%	
51) Toluene-d8 (SURR)	7.715	98	891194	10.80	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.00%	
70) p-Bromofluorobenzene (...)	10.504	95	350318	11.90	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	119.00%	
Target Compounds						
						Qvalue
10) 1,1-Dichloroethylene	3.365	61	27997	1.41	ppb	# 96
12) Acetone	3.105	43	75	Below	Cal	# 100
13) Iodomethane	3.540	142	226	Below	Cal	# 84
17) Methylene Chloride	3.875	49	500	Below	Cal	# 64
21) 1,1-Dichloroethane	4.544	63	73127	3.04	ppb	# 87
26) 2-Butanone	5.127	72	226	Below	Cal	# 1
31) 1,1,1-Trichloroethane	5.559	97	13663	0.62	ppb	# 72

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000886.D
Acq On : 6 May 2016 3:05 pm
Operator : BK
Sample : 16E0003-07
Misc : V8050616A 8260 LOW A
ALS Vial : 16 Sample Multiplier: 1

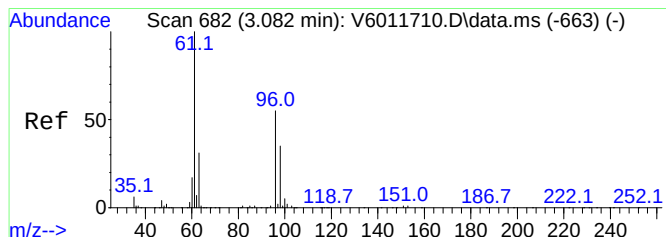
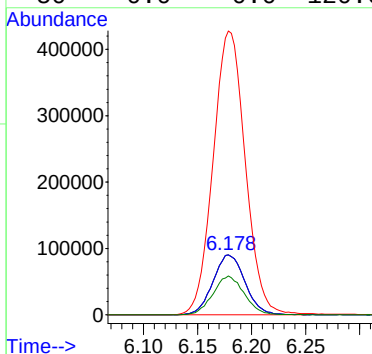
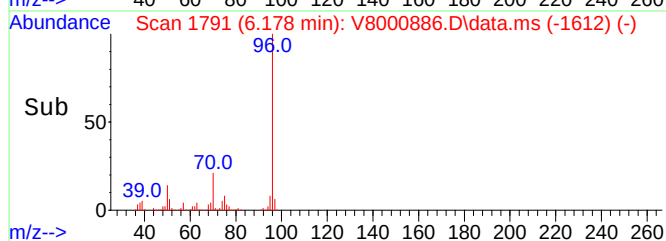
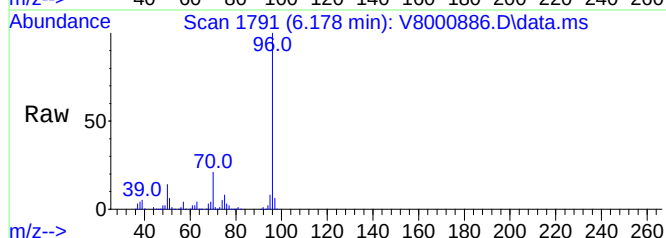
Quant Time: May 09 11:52:44 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
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QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





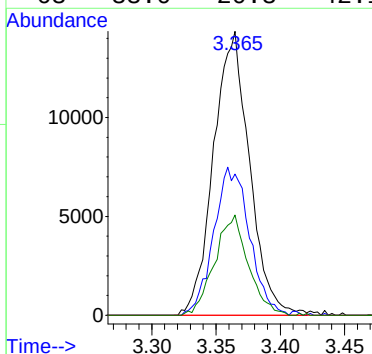
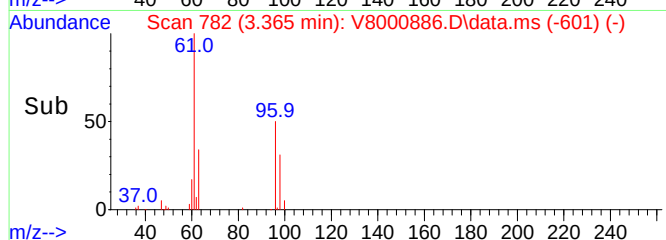
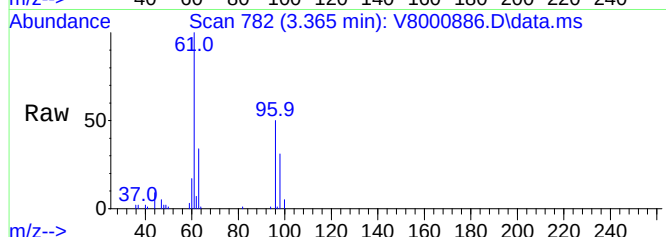
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000886.D
 Acq: 6 May 2016 3:05 pm

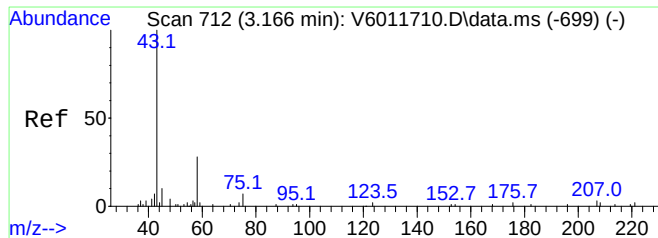
Tgt Ion: 70 Resp: 187023
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 474.4 343.3 713.1
 50 0.0 0.0 120.6



#10
 1,1-Dichloroethylene
 Concen: 1.41 ppb
 RT: 3.365 min Scan# 782
 Delta R.T. 0.004 min
 Lab File: V8000886.D
 Acq: 6 May 2016 3:05 pm

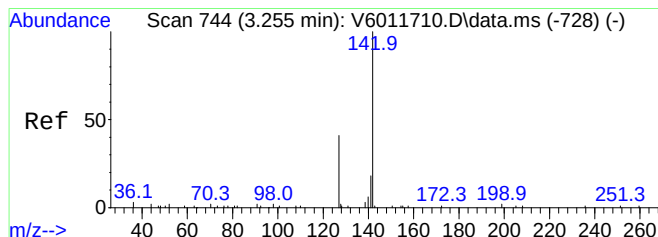
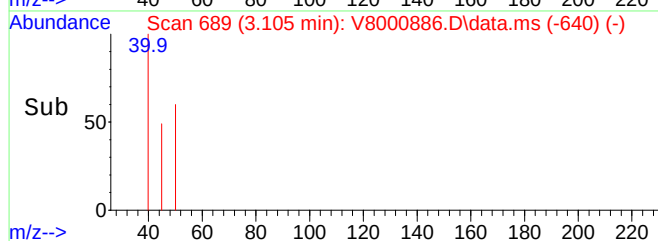
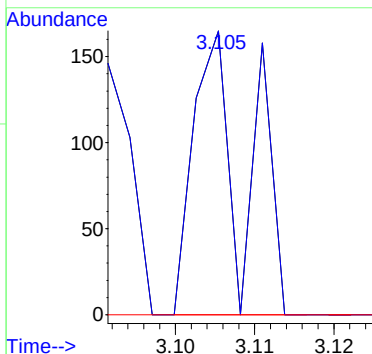
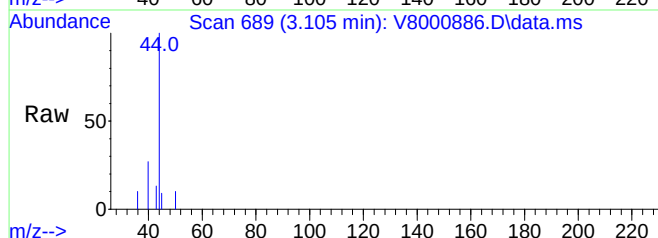
Tgt Ion: 61 Resp: 27997
 Ion Ratio Lower Upper
 61 100
 96 51.8 36.0 74.8
 101 0.0 1.3 2.7#
 63 33.0 20.3 42.1





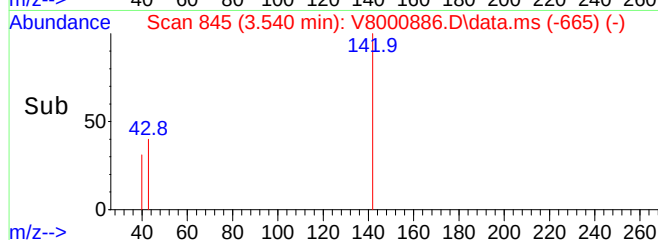
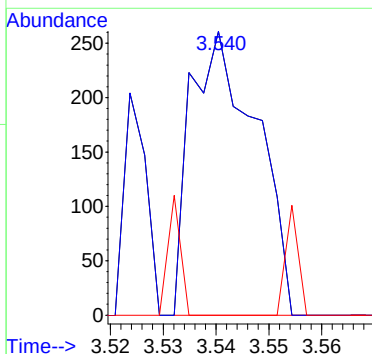
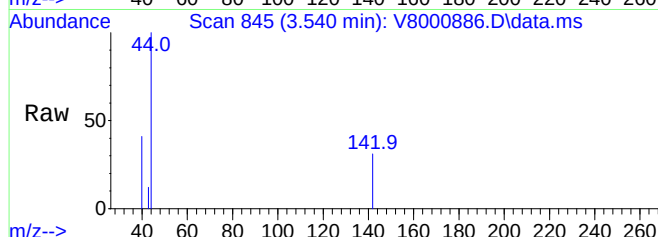
#12
Acetone
Concen: Below Cal
RT: 3.105 min Scan# 689
Delta R.T. -0.364 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

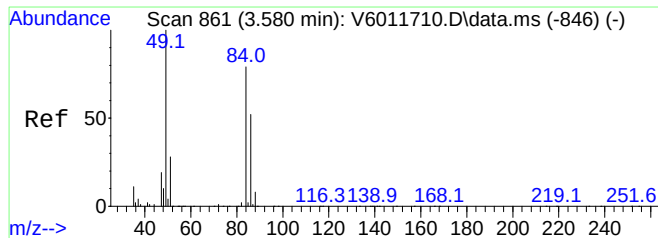
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
43 100.0 80.0 120.0
58 26.7 13.9 41.6



#13
Iodomethane
Concen: Below Cal
RT: 3.540 min Scan# 845
Delta R.T. 0.001 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

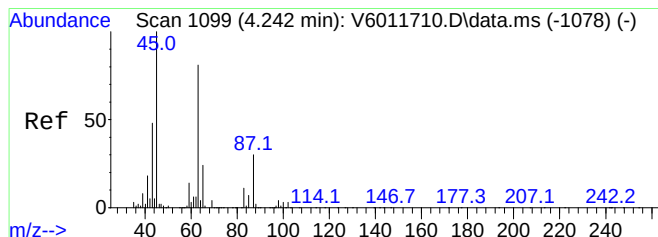
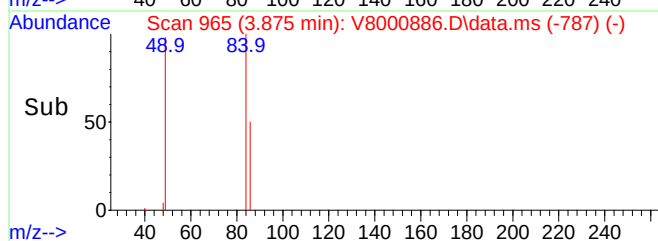
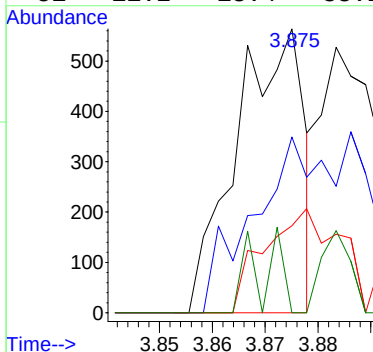
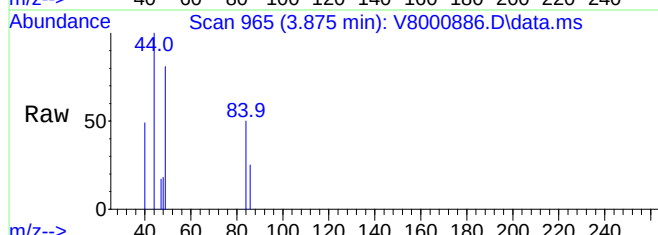
Tgt Ion: 142 Resp: 226
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 8.0 20.8 62.2#





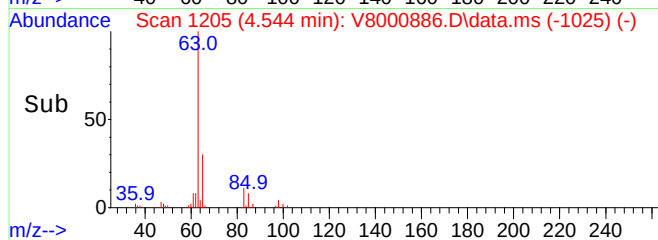
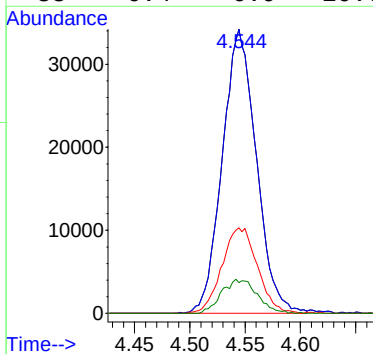
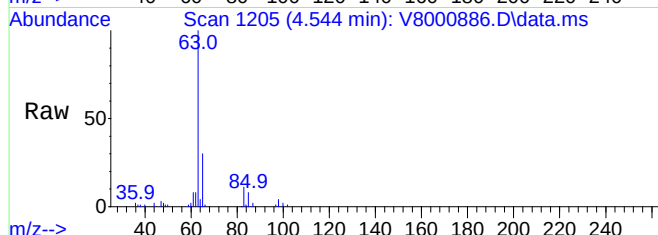
#17
Methylene Chloride
Concen: Below Cal
RT: 3.875 min Scan# 965
Delta R.T. -0.003 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

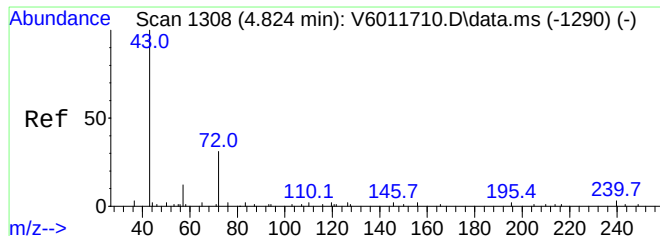
Tgt Ion: 49 Resp: 500
Ion Ratio Lower Upper
49 100
84 69.6 51.5 107.1
86 0.0 34.1 70.7#
51 11.2 18.4 38.2#



#21
1,1-Dichloroethane
Concen: 3.04 ppb
RT: 4.544 min Scan# 1205
Delta R.T. 0.001 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

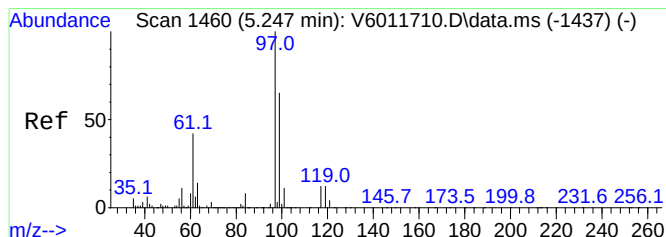
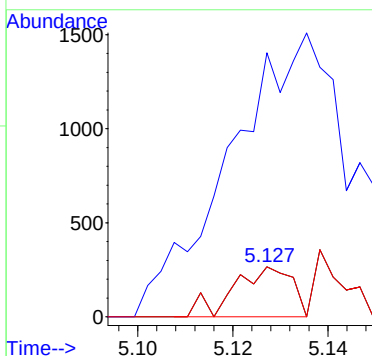
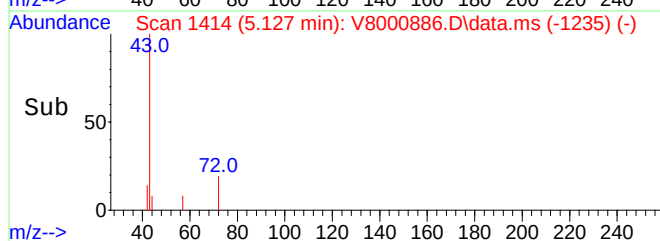
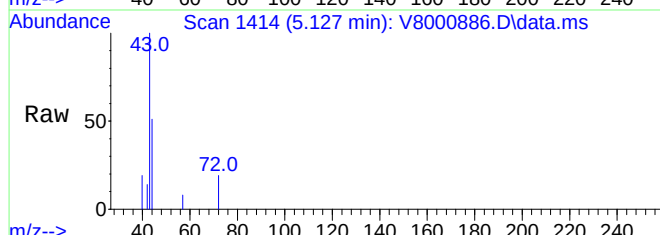
Tgt Ion: 63 Resp: 73127
Ion Ratio Lower Upper
63 100
63 100.0 65.0 135.0
65 0.0 19.4 40.2#
83 6.4 6.9 20.7#





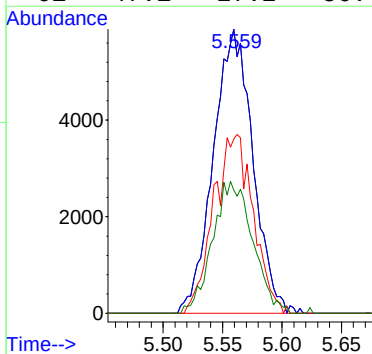
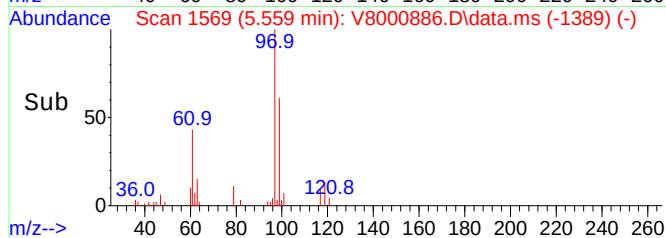
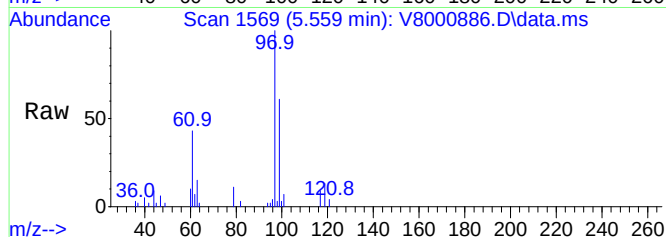
#26
2-Butanone
Concen: Below Cal
RT: 5.127 min Scan# 1414
Delta R.T. -0.001 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

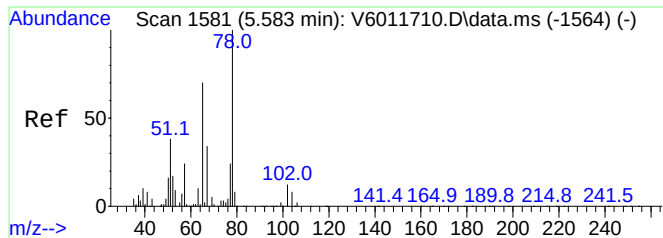
Tgt Ion: 72 Resp: 226
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0



#31
1,1,1-Trichloroethane
Concen: 0.62 ppb
RT: 5.559 min Scan# 1569
Delta R.T. 0.001 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

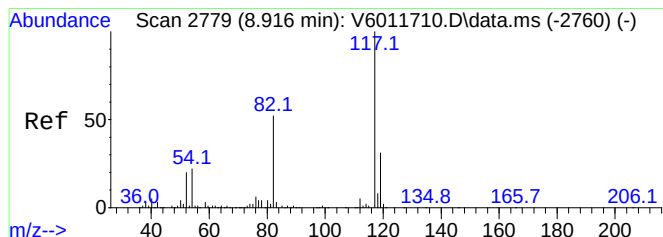
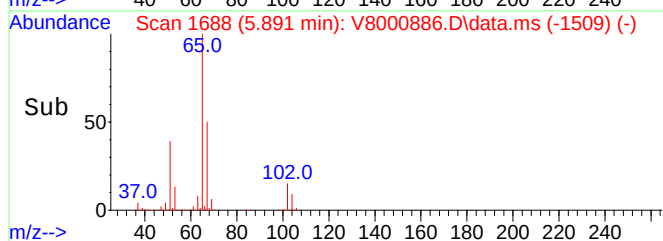
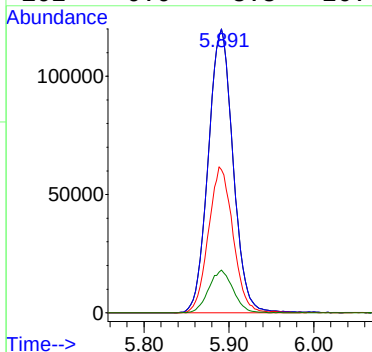
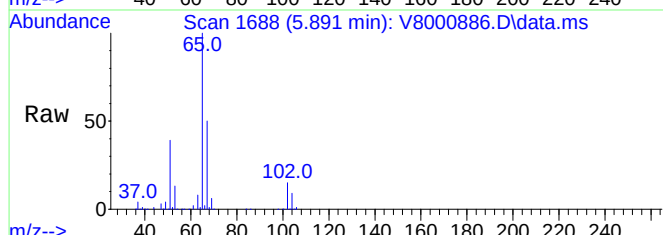
Tgt Ion: 97 Resp: 13663
Ion Ratio Lower Upper
97 100
97 100.0 65.0 135.0
99 0.0 42.5 88.3#
61 47.1 27.2 56.4





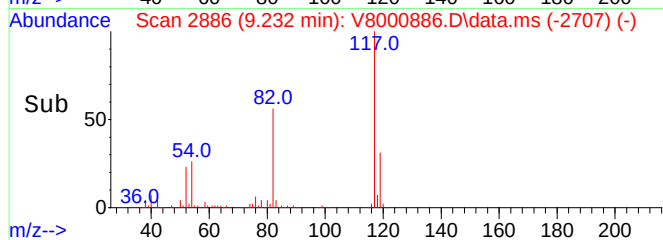
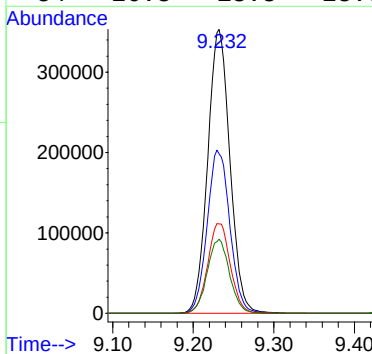
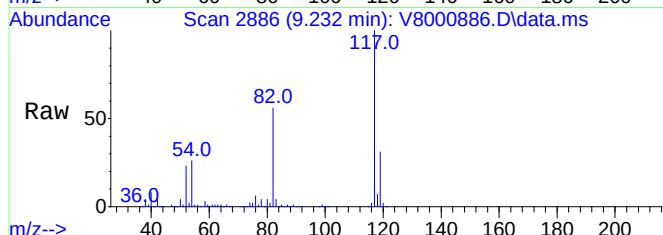
#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.88 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

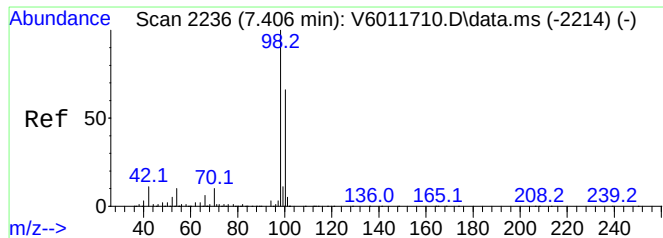
Tgt Ion: 65 Resp: 243623
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 50.8 31.3 65.1
102 0.0 8.8 26.4#



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

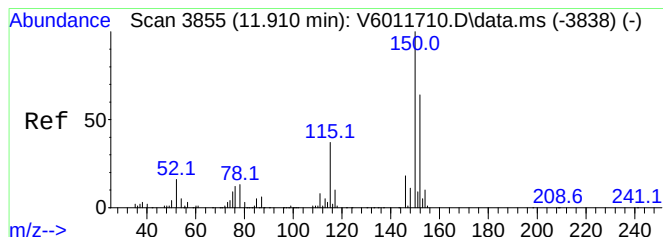
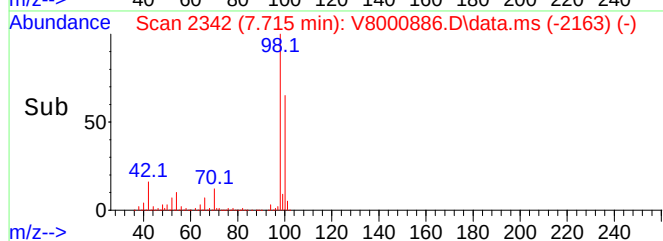
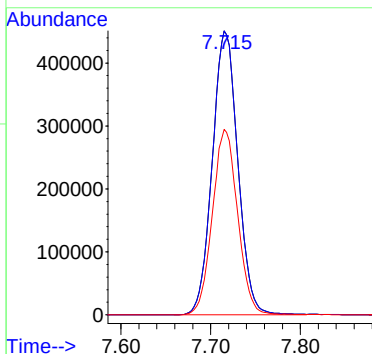
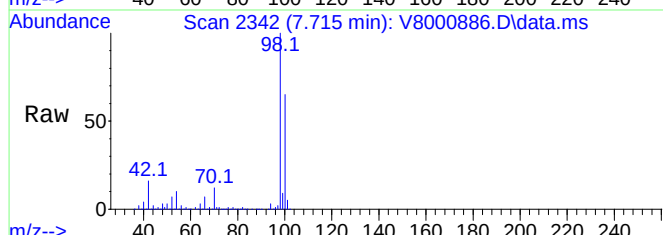
Tgt Ion: 117 Resp: 677810
Ion Ratio Lower Upper
117 100
82 58.6 34.0 70.6
119 32.2 21.5 44.7
54 26.3 13.8 28.6





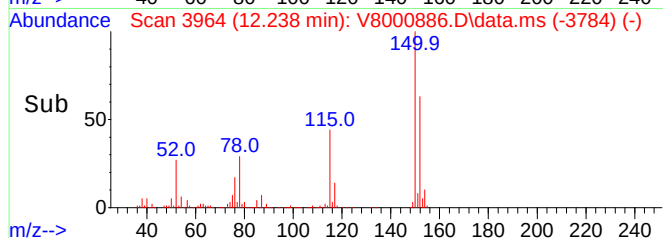
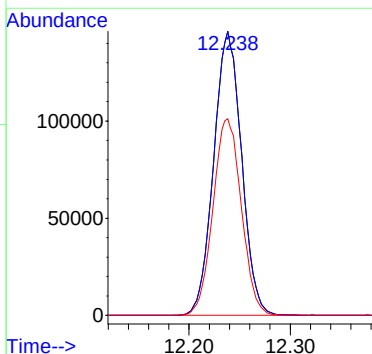
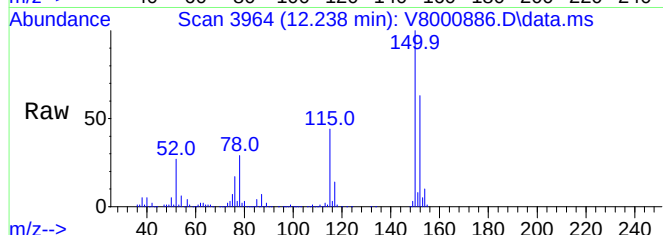
#51
Toluene-d8 (SURR)
Concen: 10.80 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

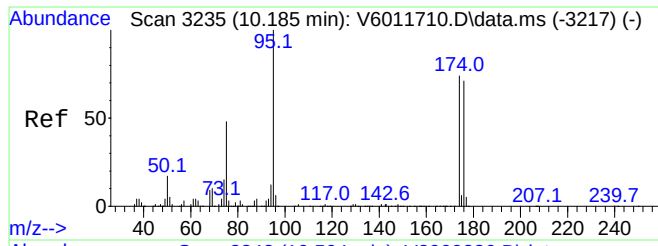
Tgt Ion: 98 Resp: 891194
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 64.5 42.8 89.0



#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000886.D
Acq: 6 May 2016 3:05 pm

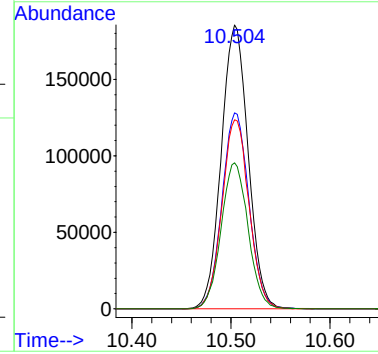
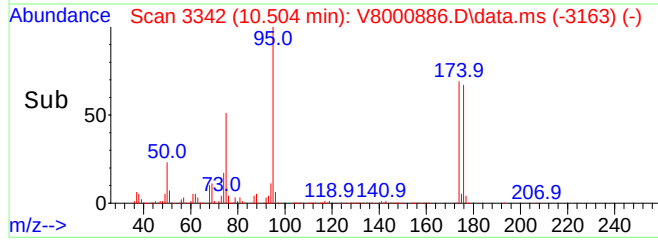
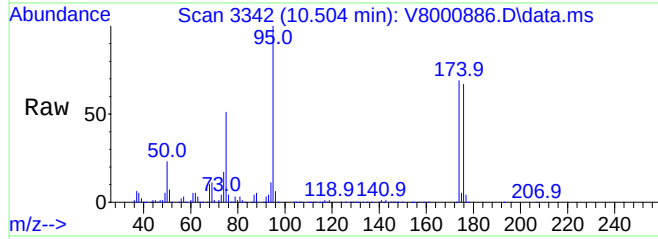
Tgt Ion: 152 Resp: 279629
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 70.4 31.5 94.5





#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.90 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. 0.000 min
 Lab File: V8000886.D
 Acq: 6 May 2016 3:05 pm

Tgt Ion: 95 Resp: 350318
 Ion Ratio Lower Upper
 95 100
 174 69.2 47.8 99.4
 176 67.0 46.3 96.1
 75 51.7 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

Field Duplicate

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-08 File ID: V8000890.D
 Sampled: 04/27/16 15:00 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 16:48
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.59	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	3.0	
75-35-4	1,1-Dichloroethylene	1	1.4	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Field Duplicate

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-08 File ID: V8000890.D
 Sampled: 04/27/16 15:00 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 16:48
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.8	118	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000890.D
 Acq On : 6 May 2016 4:48 pm
 Operator : BK
 Sample : 16E0003-08
 Misc : V8050616A 8260 LOW A
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 09 11:59:48 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

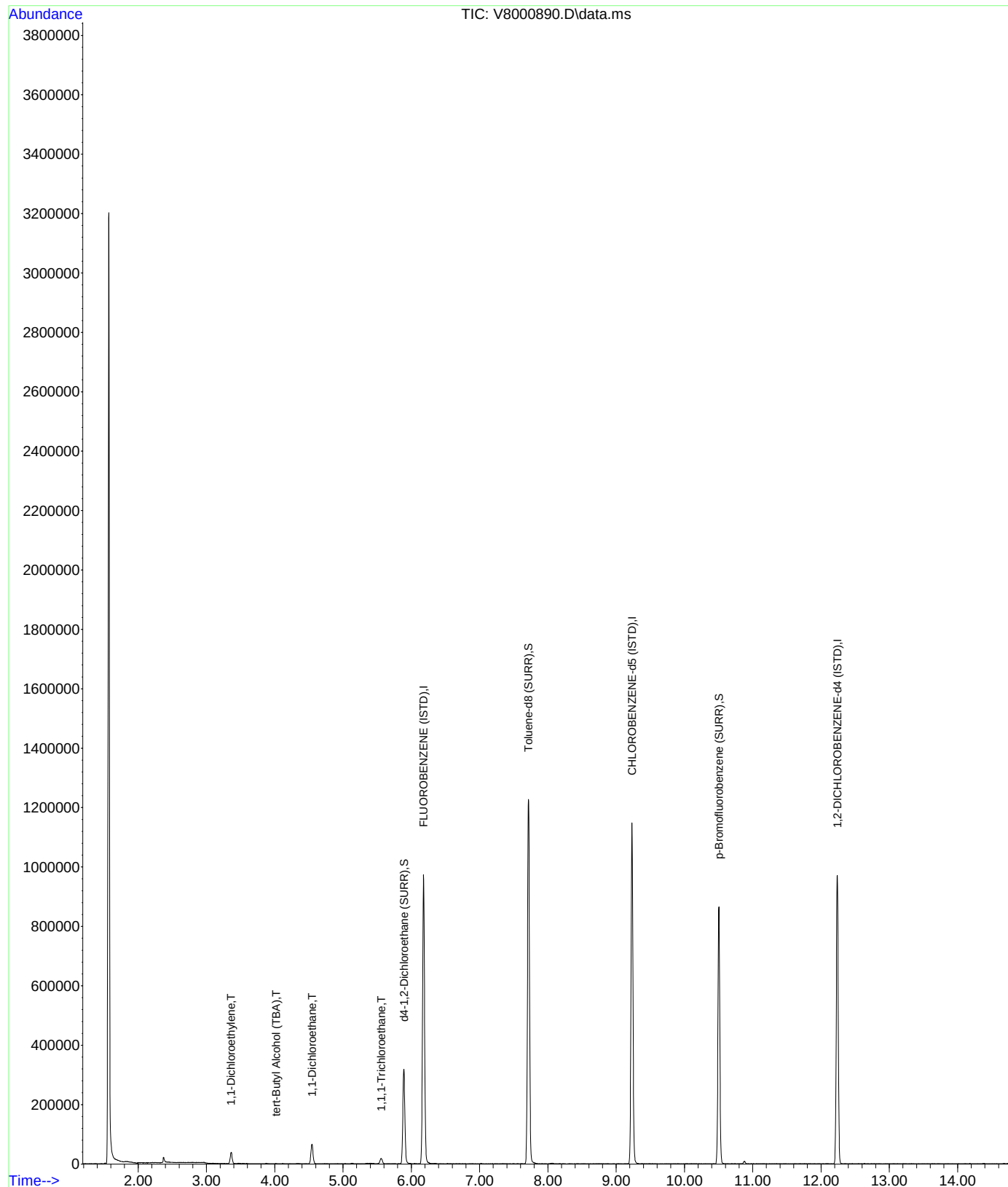
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

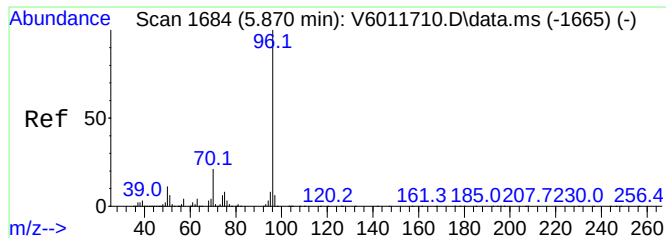
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	190694	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.229	117	693129	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	282972	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	247006	10.82	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.20%	
51) Toluene-d8 (SURR)	7.715	98	903443	10.70	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	107.00%	
70) p-Bromofluorobenzene (...)	10.504	95	350570	11.77	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	117.70%	
Target Compounds						
						Qvalue
10) 1,1-Dichloroethylene	3.359	61	27962	1.38	ppb	# 95
12) Acetone	3.468	43	1254	Below	Cal	99
13) Iodomethane	3.540	142	541	Below	Cal	99
16) tert-Butyl Alcohol (TBA)	4.020	59	551m	0.67	ppb	
17) Methylene Chloride	3.875	49	813	Below	Cal	# 65
21) 1,1-Dichloroethane	4.547	63	72454	2.95	ppb	99
26) 2-Butanone	5.124	72	166	Below	Cal	# 1
31) 1,1,1-Trichloroethane	5.559	97	13366	0.59	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000890.D
Acq On : 6 May 2016 4:48 pm
Operator : BK
Sample : 16E0003-08
Misc : V8050616A 8260 LOW A
ALS Vial : 20 Sample Multiplier: 1

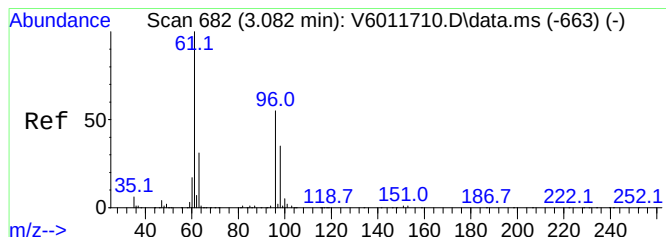
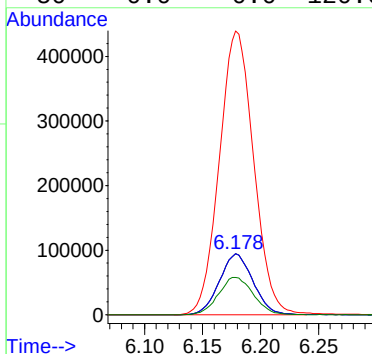
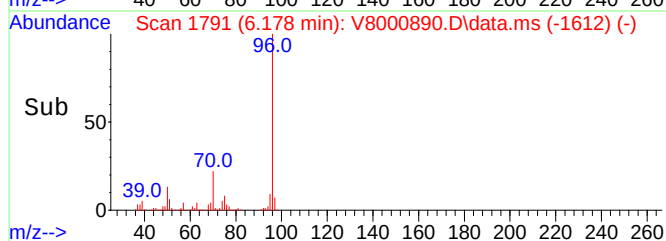
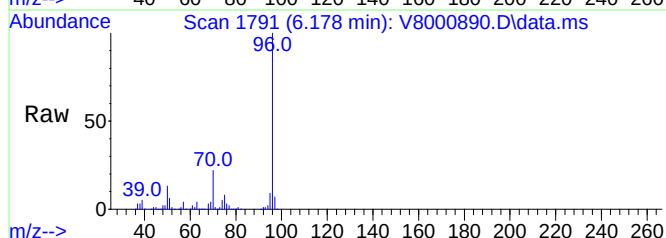
Quant Time: May 09 11:59:48 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





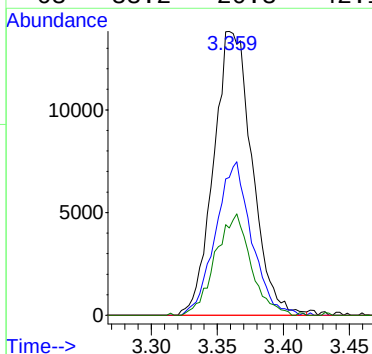
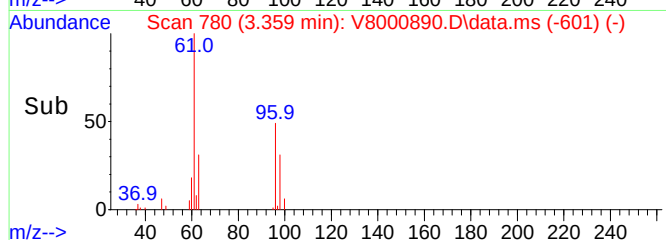
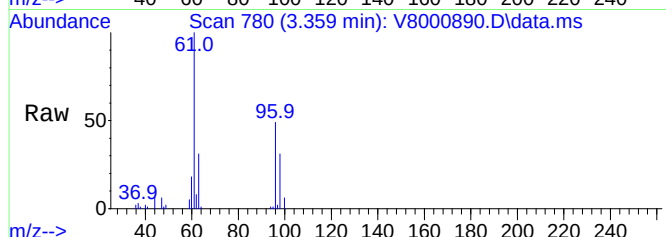
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000890.D
 Acq: 6 May 2016 4:48 pm

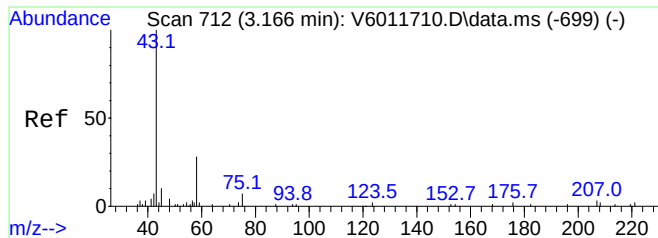
Tgt Ion: 70 Resp: 190694
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 475.6 343.3 713.1
 50 0.0 0.0 120.6



#10
 1,1-Dichloroethylene
 Concen: 1.38 ppb
 RT: 3.359 min Scan# 780
 Delta R.T. -0.002 min
 Lab File: V8000890.D
 Acq: 6 May 2016 4:48 pm

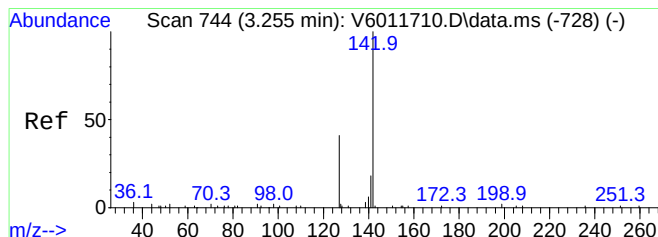
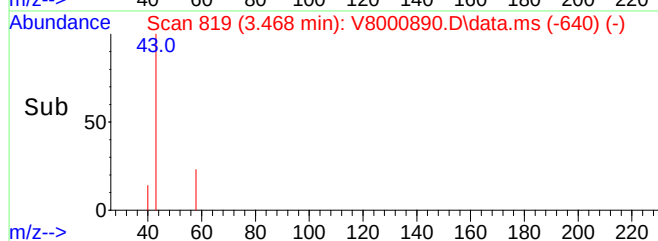
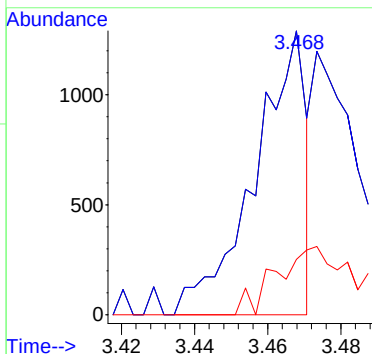
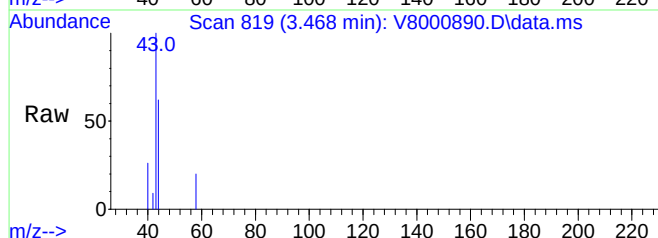
Tgt Ion: 61 Resp: 27962
 Ion Ratio Lower Upper
 61 100
 96 50.7 36.0 74.8
 101 0.0 1.3 2.7#
 63 33.2 20.3 42.1





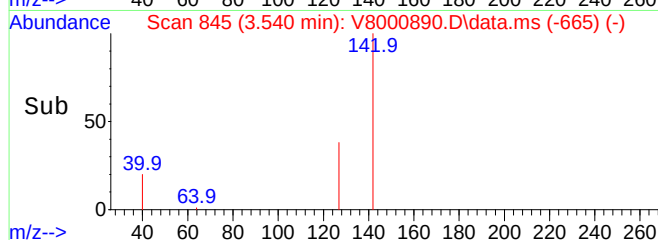
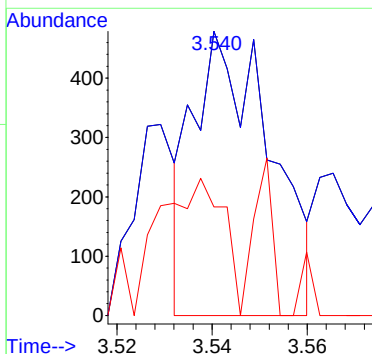
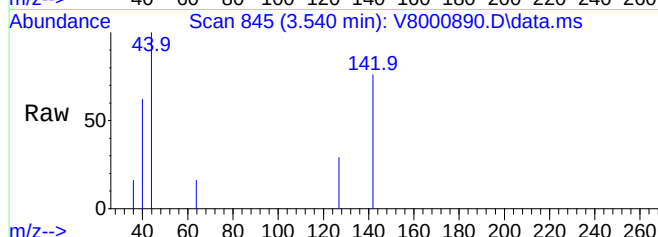
#12
Acetone
Concen: Below Cal
RT: 3.468 min Scan# 819
Delta R.T. -0.002 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

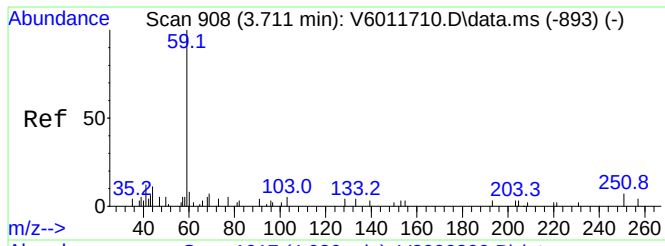
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
43 100.0 80.0 120.0
58 31.1 13.9 41.6



#13
Iodomethane
Concen: Below Cal
RT: 3.540 min Scan# 845
Delta R.T. 0.001 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

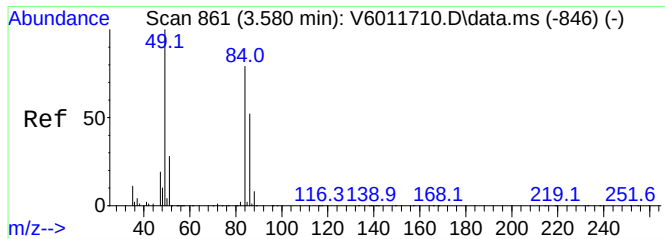
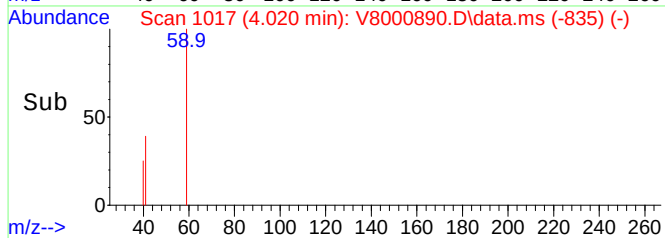
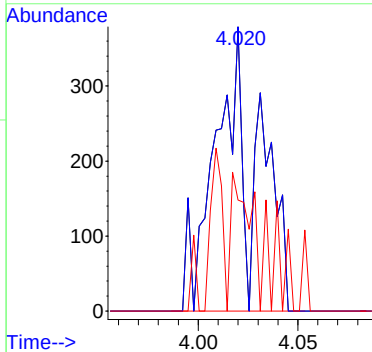
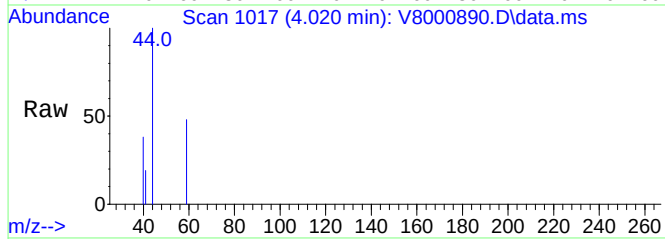
Tgt Ion: 142 Resp: 541
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 43.3 20.8 62.2





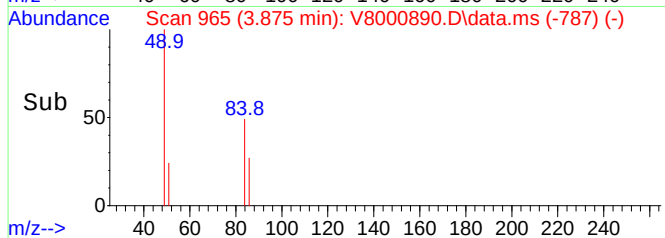
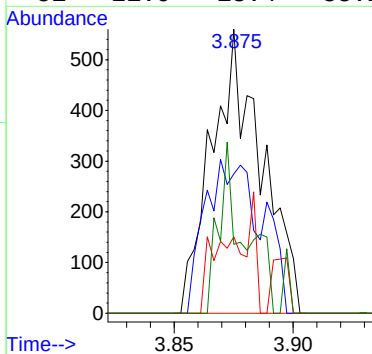
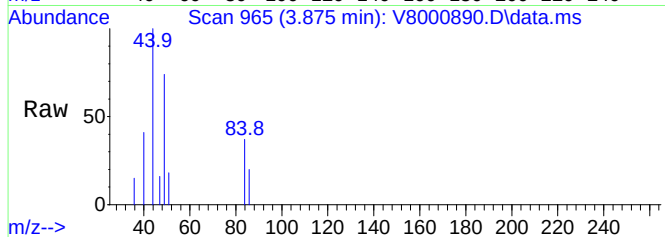
#16
tert-Butyl Alcohol (TBA)
Concen: 0.67 ppb m
RT: 4.020 min Scan# 1017
Delta R.T. 0.009 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

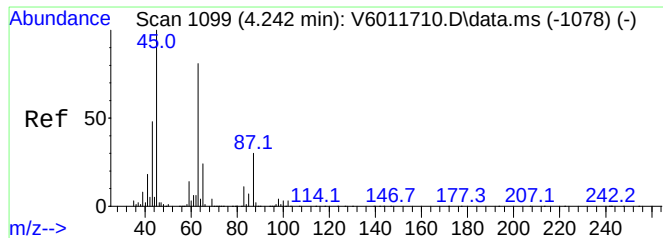
Tgt Ion: 59 Resp: 551
Ion Ratio Lower Upper
59 100
59 36.7 65.0 135.0#
41 3.3 6.0 18.0#



#17
Methylene Chloride
Concen: Below Cal
RT: 3.875 min Scan# 965
Delta R.T. -0.003 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

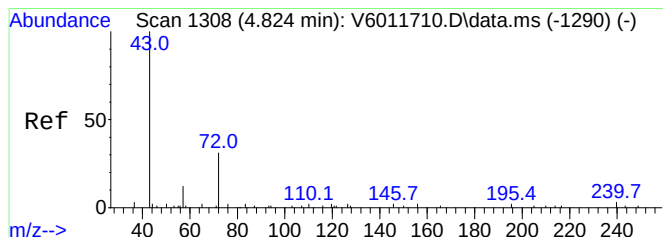
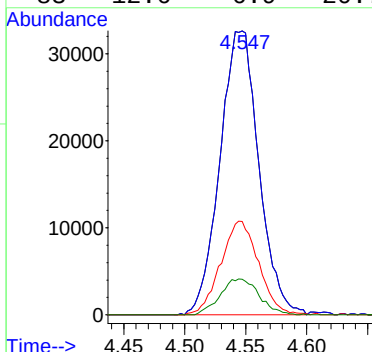
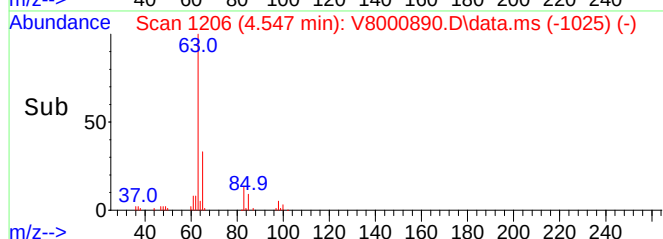
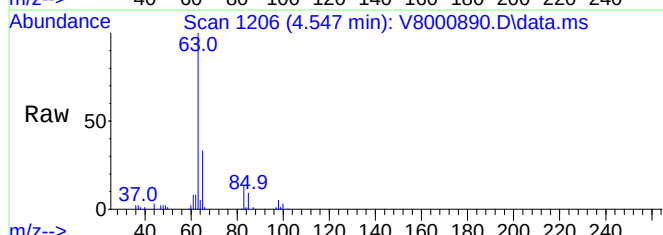
Tgt Ion: 49 Resp: 813
Ion Ratio Lower Upper
49 100
84 50.6 51.5 107.1#
86 16.4 34.1 70.7#
51 21.9 18.4 38.2





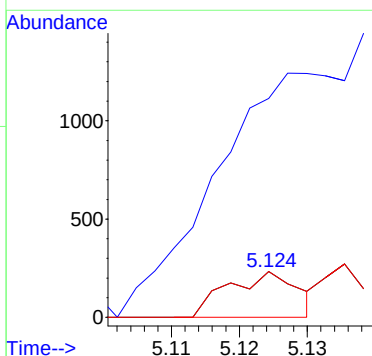
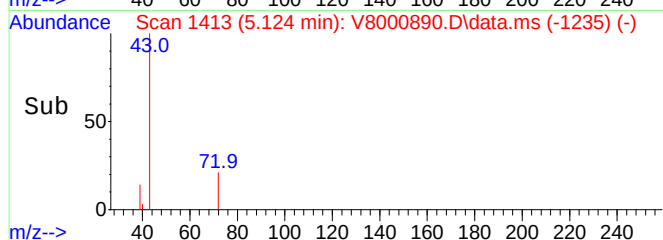
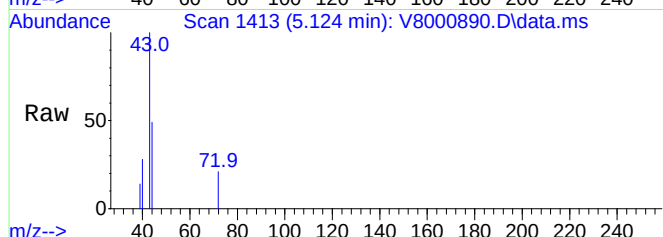
#21
1,1-Dichloroethane
Concen: 2.95 ppb
RT: 4.547 min Scan# 1206
Delta R.T. 0.004 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

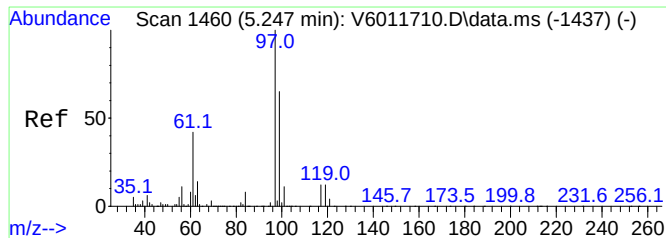
Tgt Ion: 63 Resp: 72454
Ion Ratio Lower Upper
63 100
63 100.0 65.0 135.0
65 32.1 19.4 40.2
83 12.6 6.9 20.7



#26
2-Butanone
Concen: Below Cal
RT: 5.124 min Scan# 1413
Delta R.T. -0.004 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

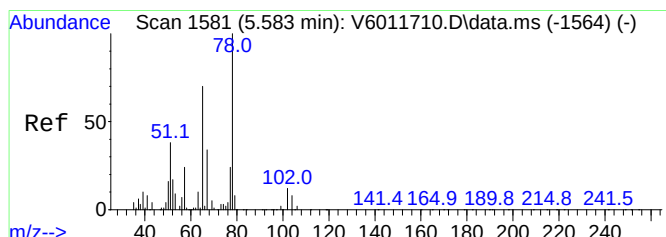
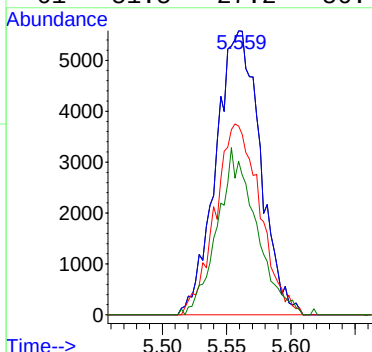
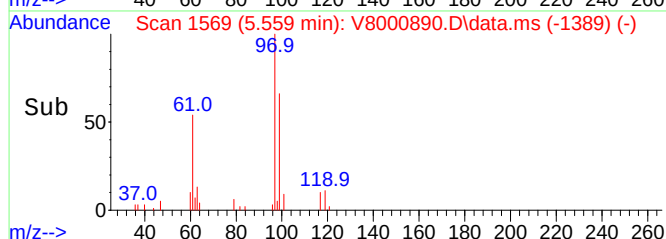
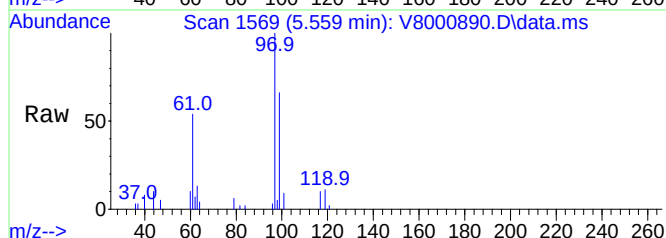
Tgt Ion: 72 Resp: 166
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0





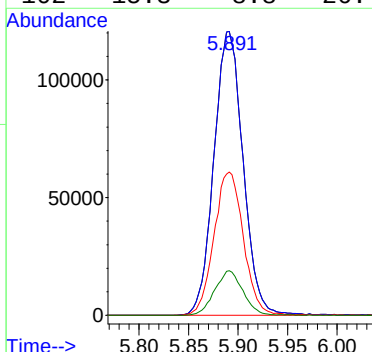
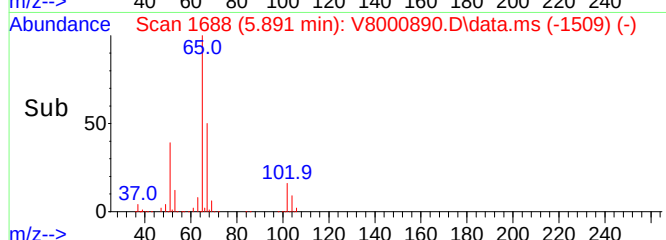
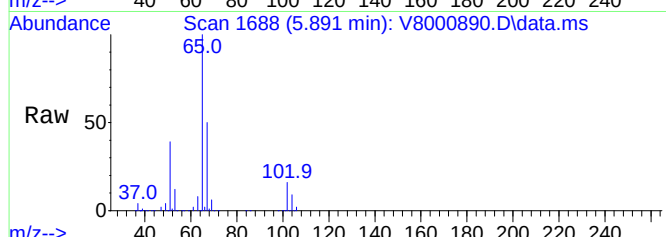
#31
1,1,1-Trichloroethane
Concen: 0.59 ppb
RT: 5.559 min Scan# 1569
Delta R.T. 0.001 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

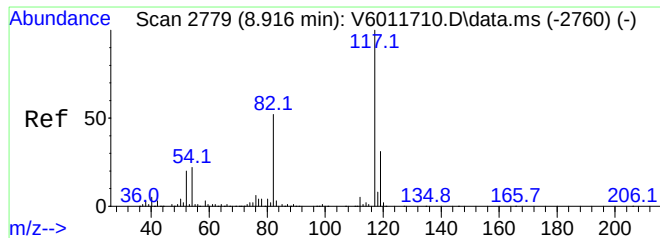
Tgt Ion:	97	Resp:	13366
Ion	Ratio	Lower	Upper
97	100		
97	100.0	65.0	135.0
99	67.8	42.5	88.3
61	51.5	27.2	56.4



#34
d4-1,2-Dichloroethane (Surr)
Concen: 10.82 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

Tgt Ion:	65	Resp:	247006
Ion	Ratio	Lower	Upper
65	100		
65	100.0	65.0	135.0
67	51.0	31.3	65.1
102	15.3	8.8	26.4

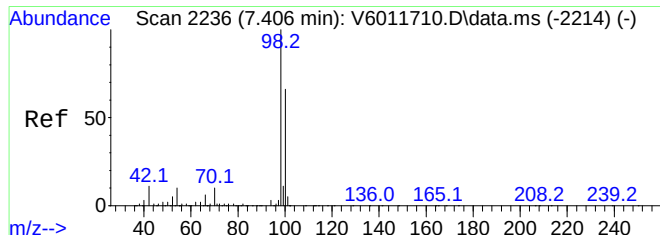
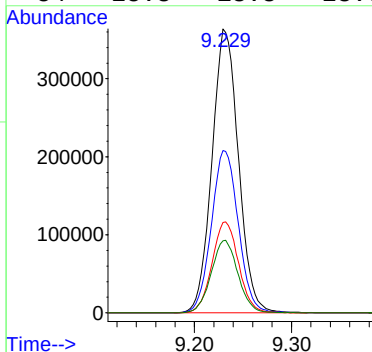
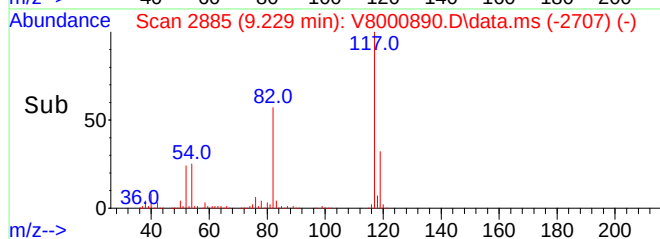
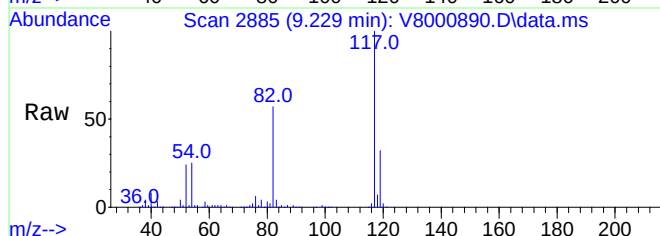




#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.229 min Scan# 2885
 Delta R.T. -0.003 min
 Lab File: V8000890.D
 Acq: 6 May 2016 4:48 pm

Tgt Ion: 117 Resp: 693129

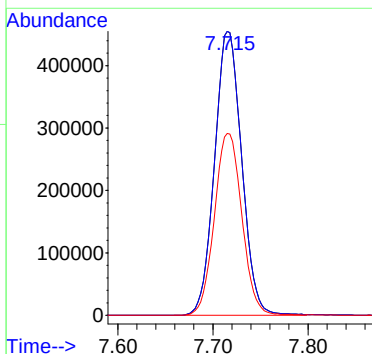
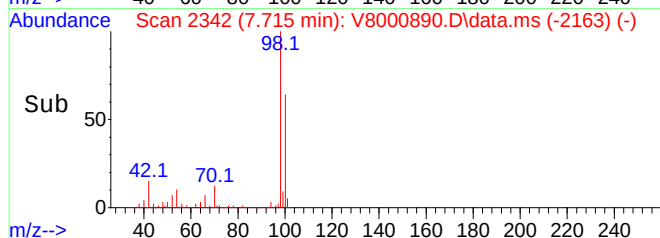
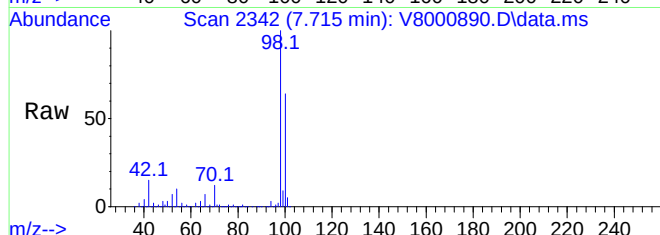
Ion	Ratio	Lower	Upper
117	100		
82	58.2	34.0	70.6
119	32.2	21.5	44.7
54	25.8	13.8	28.6

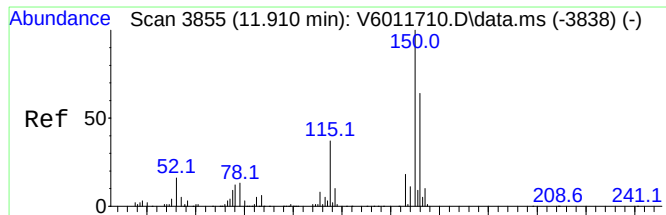


#51
 Toluene-d8 (SURR)
 Concen: 10.70 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000890.D
 Acq: 6 May 2016 4:48 pm

Tgt Ion: 98 Resp: 903443

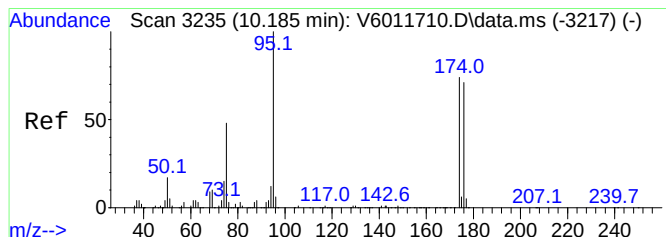
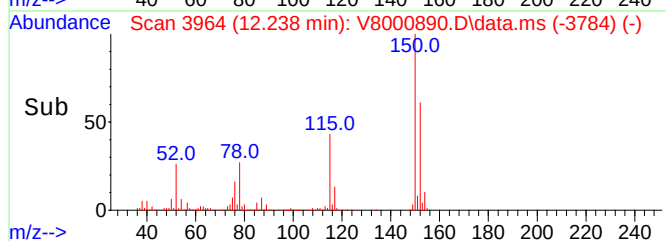
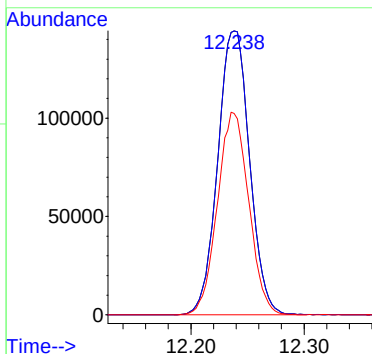
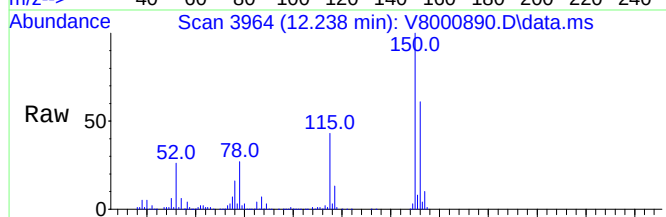
Ion	Ratio	Lower	Upper
98	100		
98	100.0	65.0	135.0
100	64.8	42.8	89.0





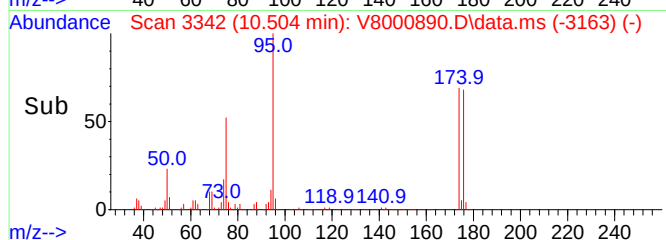
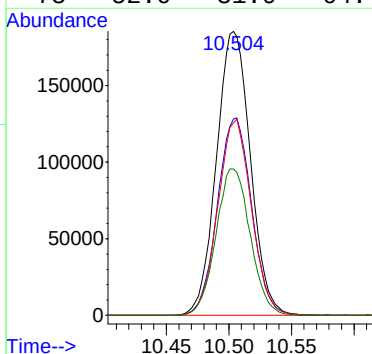
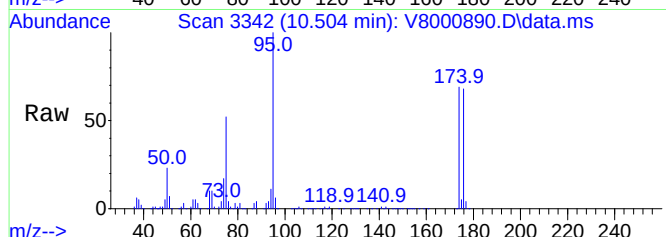
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

Tgt Ion	Ratio	Lower	Upper
152	100		
152	100.0	50.0	150.0
115	70.2	31.5	94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.77 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000890.D
Acq: 6 May 2016 4:48 pm

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.9	47.8	99.4
176	67.9	46.3	96.1
75	52.0	31.0	64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

3A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-09 File ID: V8000891.D
 Sampled: 04/27/16 11:15 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 17:13
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

3A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-09 File ID: V8000891.D
 Sampled: 04/27/16 11:15 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 17:13
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.0	110	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.5	115	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000891.D
 Acq On : 6 May 2016 5:13 pm
 Operator : BK
 Sample : 16E0003-09
 Misc : V8050616A 8260 LOW A
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 09 12:00:35 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

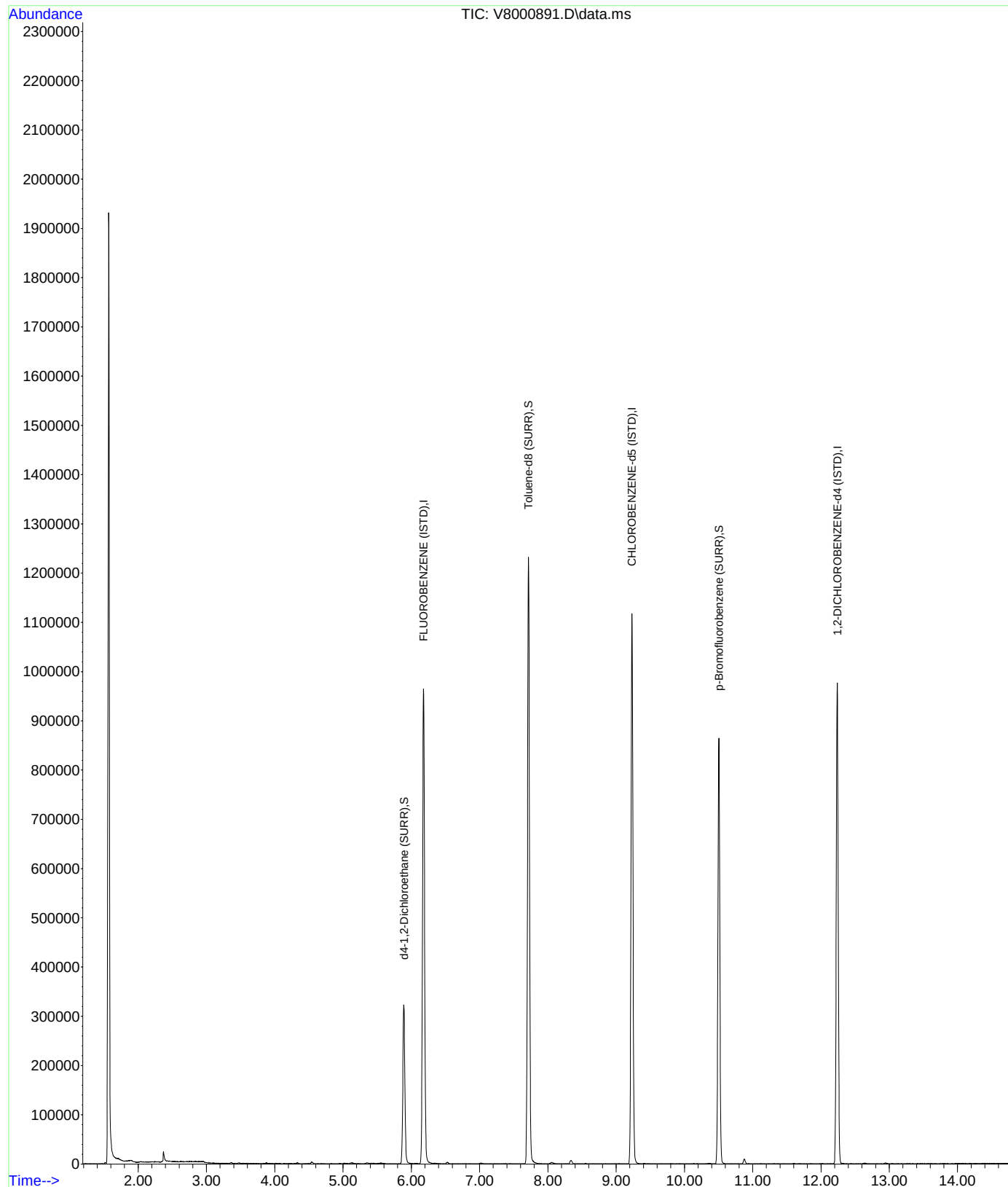
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

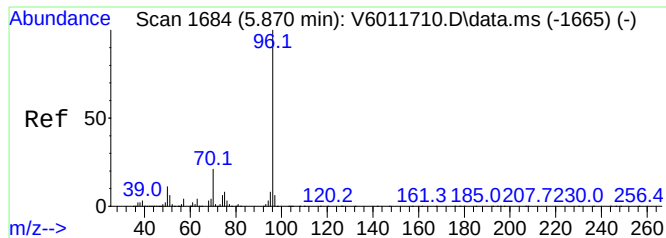
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	189679	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.229	117	689424	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	288666	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	248681	10.95	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	109.50%	
51) Toluene-d8 (SURR)	7.715	98	890636	10.61	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.10%	
70) p-Bromofluorobenzene (...)	10.504	95	350770	11.54	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	115.40%	
Target Compounds						
12) Acetone	3.476	43	1707	Below Cal		Qvalue 96
13) Iodomethane	3.538	142	476	Below Cal	#	81
17) Methylene Chloride	3.878	49	607	Below Cal	#	72
26) 2-Butanone	5.130	72	483	Below Cal		80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000891.D
Acq On : 6 May 2016 5:13 pm
Operator : BK
Sample : 16E0003-09
Misc : V8050616A 8260 LOW A
ALS Vial : 21 Sample Multiplier: 1

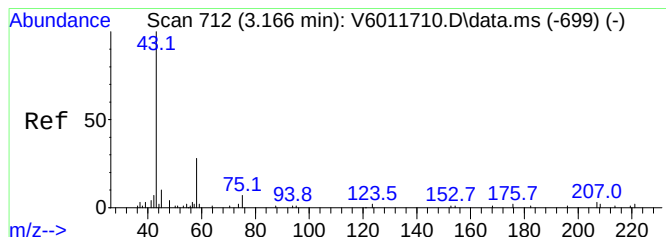
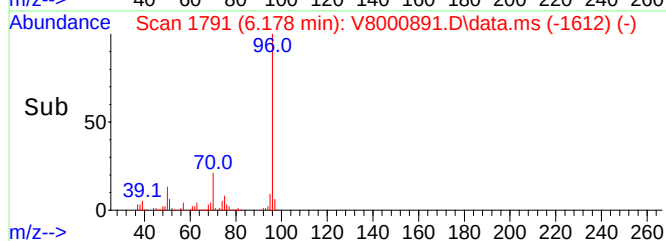
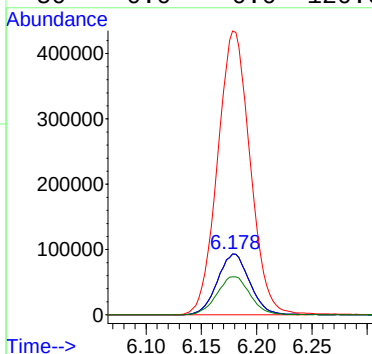
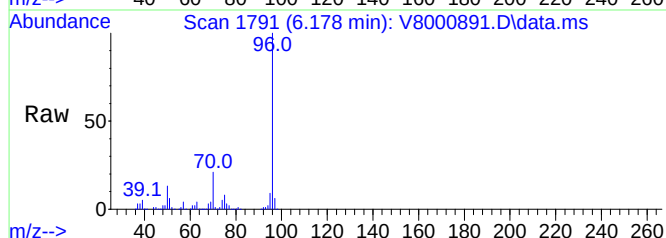
Quant Time: May 09 12:00:35 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





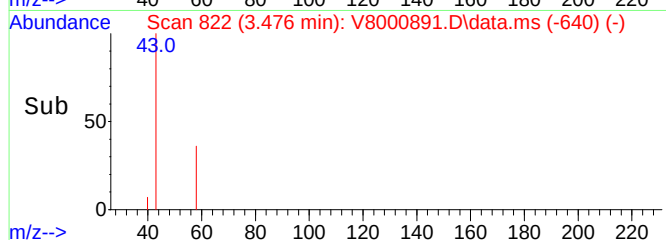
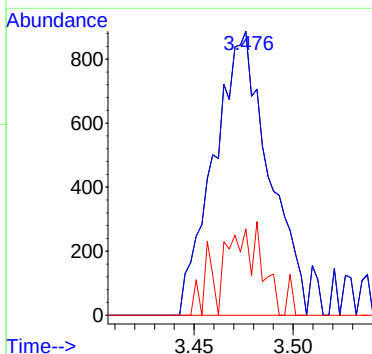
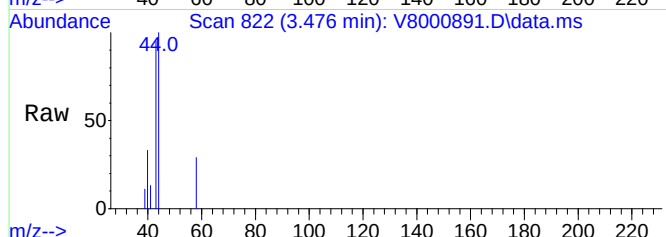
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000891.D
 Acq: 6 May 2016 5:13 pm

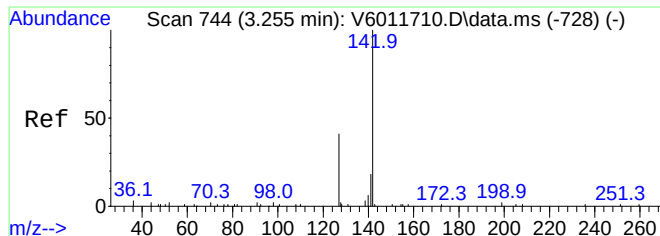
Tgt Ion: 70 Resp: 189679
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 470.3 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.476 min Scan# 822
 Delta R.T. 0.007 min
 Lab File: V8000891.D
 Acq: 6 May 2016 5:13 pm

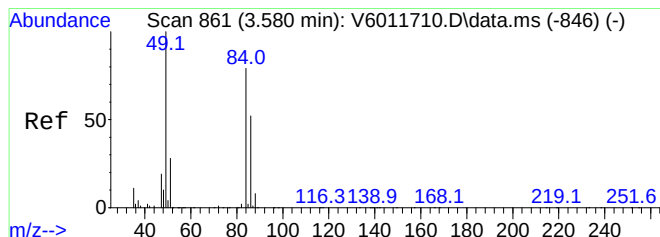
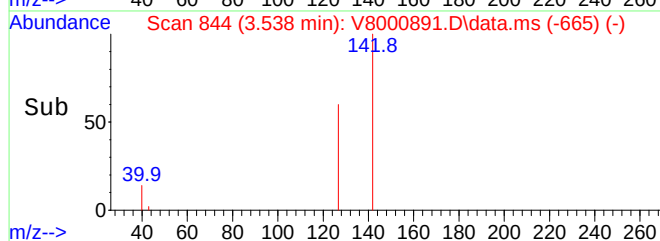
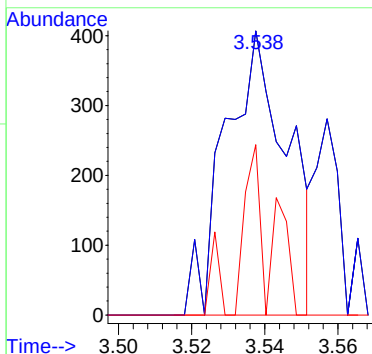
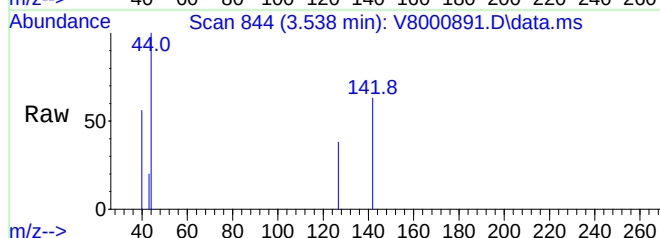
Tgt Ion: 43 Resp: 1707
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 18.9 13.9 41.6





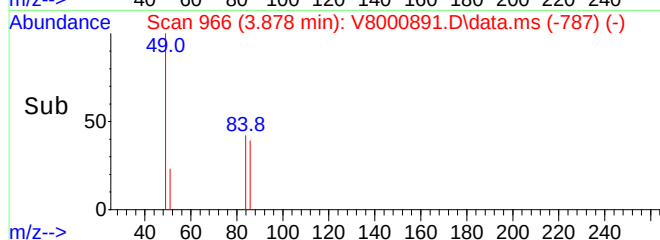
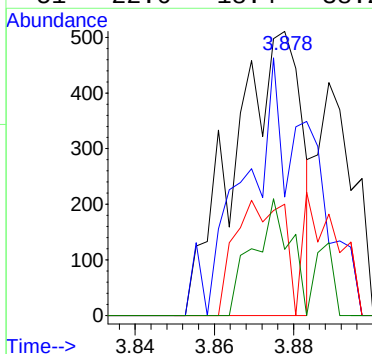
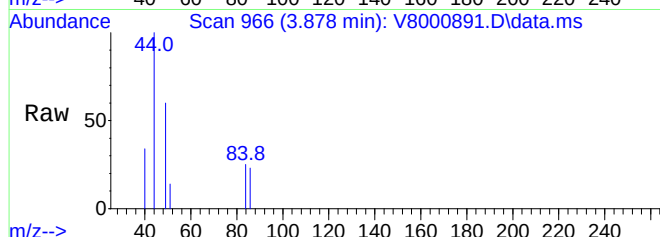
#13
Iodomethane
Concen: Below Cal
RT: 3.538 min Scan# 844
Delta R.T. -0.002 min
Lab File: V8000891.D
Acq: 6 May 2016 5:13 pm

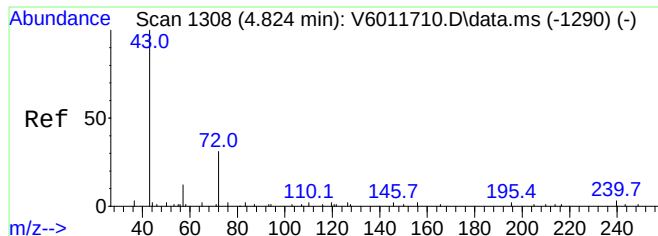
Tgt Ion: 142 Resp: 476
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#



#17
Methylene Chloride
Concen: Below Cal
RT: 3.878 min Scan# 966
Delta R.T. 0.000 min
Lab File: V8000891.D
Acq: 6 May 2016 5:13 pm

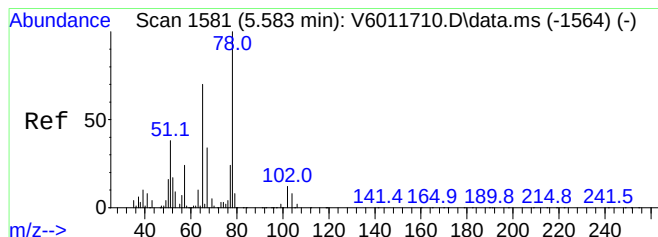
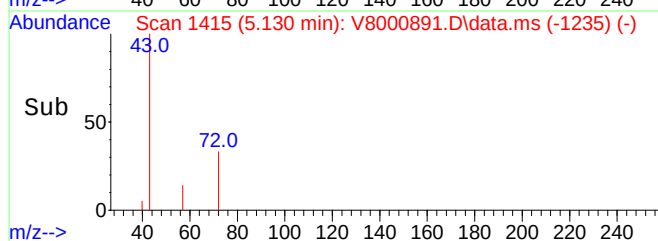
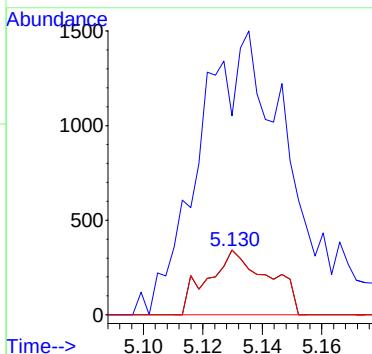
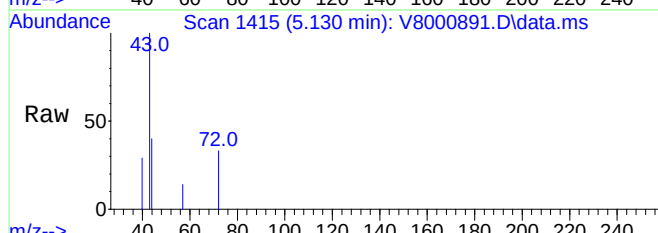
Tgt Ion: 49 Resp: 607
Ion Ratio Lower Upper
49 100
84 52.6 51.5 107.1
86 29.0 34.1 70.7#
51 22.6 18.4 38.2





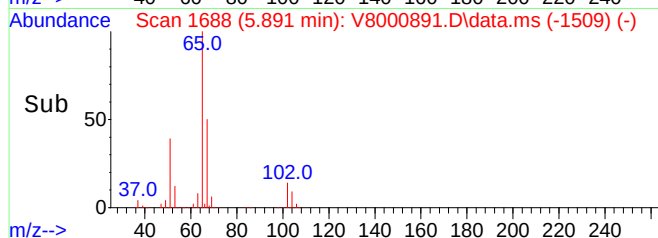
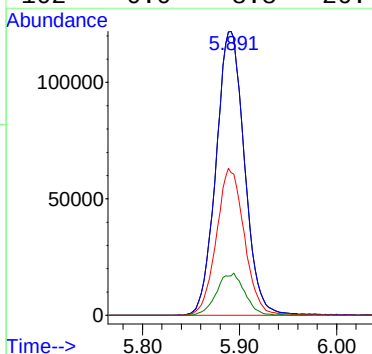
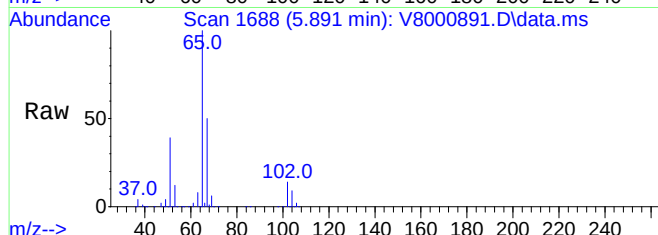
#26
2-Butanone
Concen: Below Cal
RT: 5.130 min Scan# 1415
Delta R.T. 0.001 min
Lab File: V8000891.D
Acq: 6 May 2016 5:13 pm

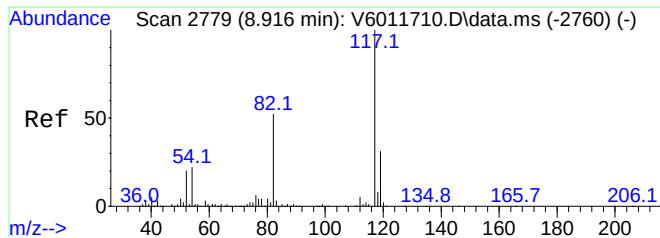
Tgt Ion: 72 Resp: 483
Ion Ratio Lower Upper
72 100
43 270.8 260.7 391.1
72 100.0 50.0 150.0



#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.95 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000891.D
Acq: 6 May 2016 5:13 pm

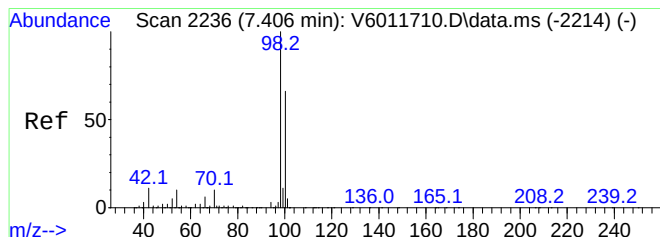
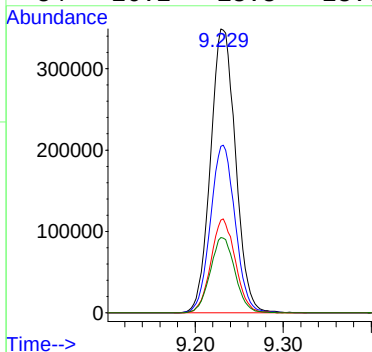
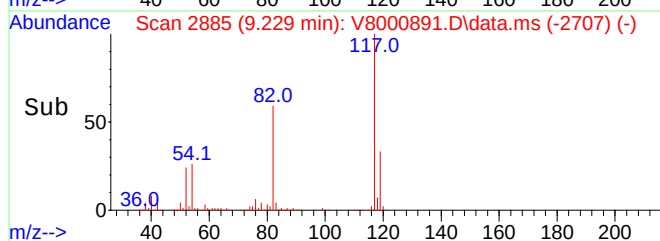
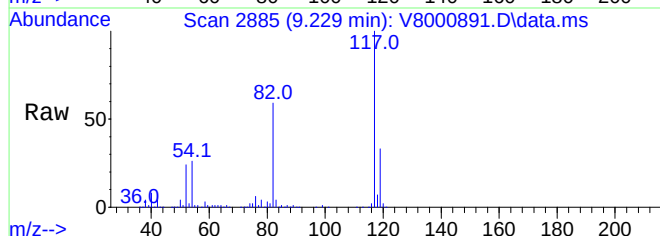
Tgt Ion: 65 Resp: 248681
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 50.9 31.3 65.1
102 0.0 8.8 26.4#





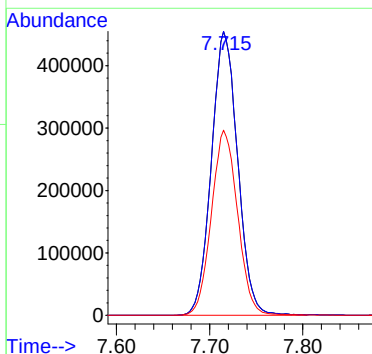
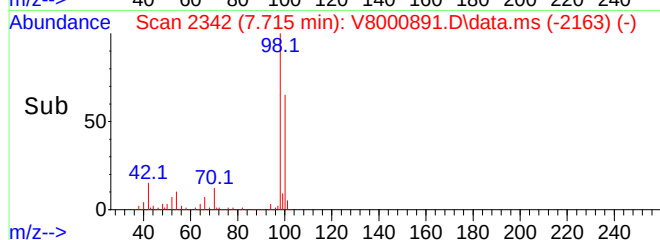
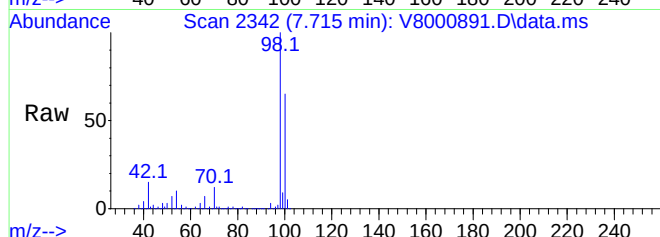
#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.229 min Scan# 2885
 Delta R.T. -0.003 min
 Lab File: V8000891.D
 Acq: 6 May 2016 5:13 pm

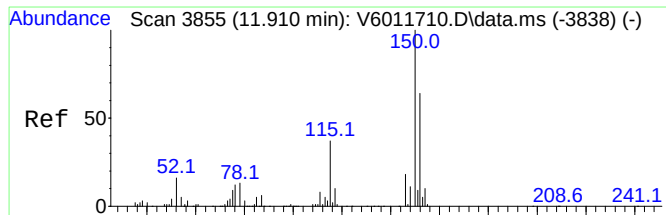
Tgt Ion:	117	Resp:	689424
Ion	Ratio	Lower	Upper
117	100		
82	58.4	34.0	70.6
119	32.3	21.5	44.7
54	26.2	13.8	28.6



#51
 Toluene-d8 (SURR)
 Concen: 10.61 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000891.D
 Acq: 6 May 2016 5:13 pm

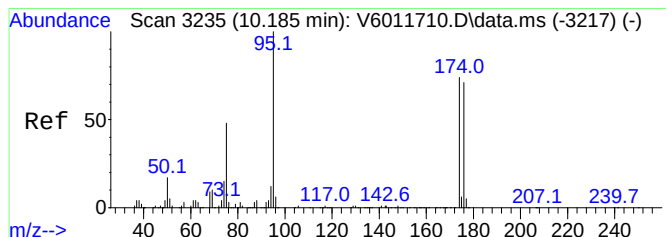
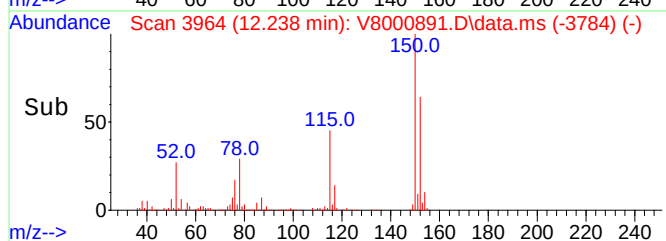
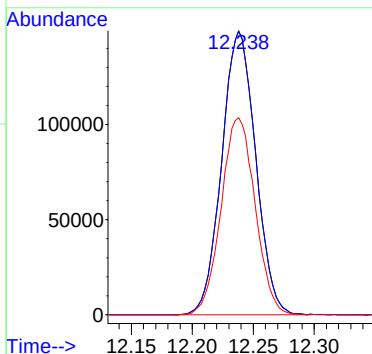
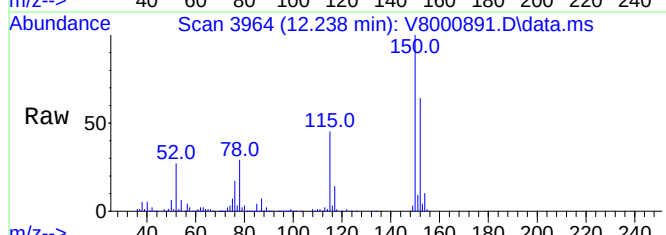
Tgt Ion:	98	Resp:	890636
Ion	Ratio	Lower	Upper
98	100		
98	100.0	65.0	135.0
100	65.2	42.8	89.0





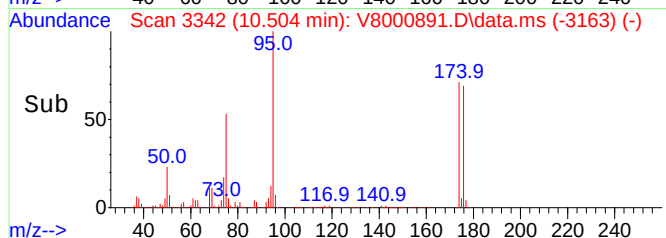
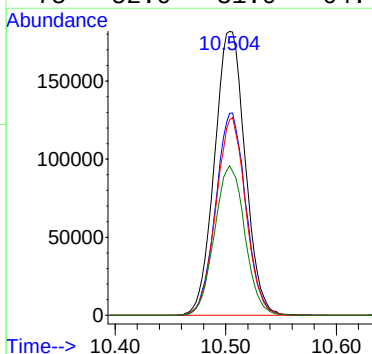
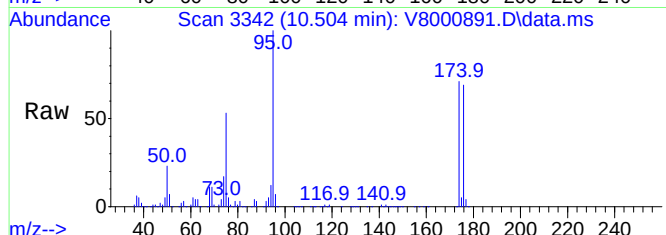
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000891.D
Acq: 6 May 2016 5:13 pm

Tgt Ion	Ratio	Lower	Upper
152	100		
152	100.0	50.0	150.0
115	69.7	31.5	94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.54 ppb
RT: 10.504 min Scan# 3342
Delta R.T. -0.000 min
Lab File: V8000891.D
Acq: 6 May 2016 5:13 pm

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.0	47.8	99.4
176	67.3	46.3	96.1
75	52.0	31.0	64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

3B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-10 File ID: V8000893.D
 Sampled: 04/27/16 11:25 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 18:04
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

3B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-10 File ID: V8000893.D
 Sampled: 04/27/16 11:25 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 18:04
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.26	J
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000893.D
 Acq On : 6 May 2016 6:04 pm
 Operator : BK
 Sample : 16E0003-10
 Misc : V8050616A 8260 LOW A
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 09 12:02:25 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

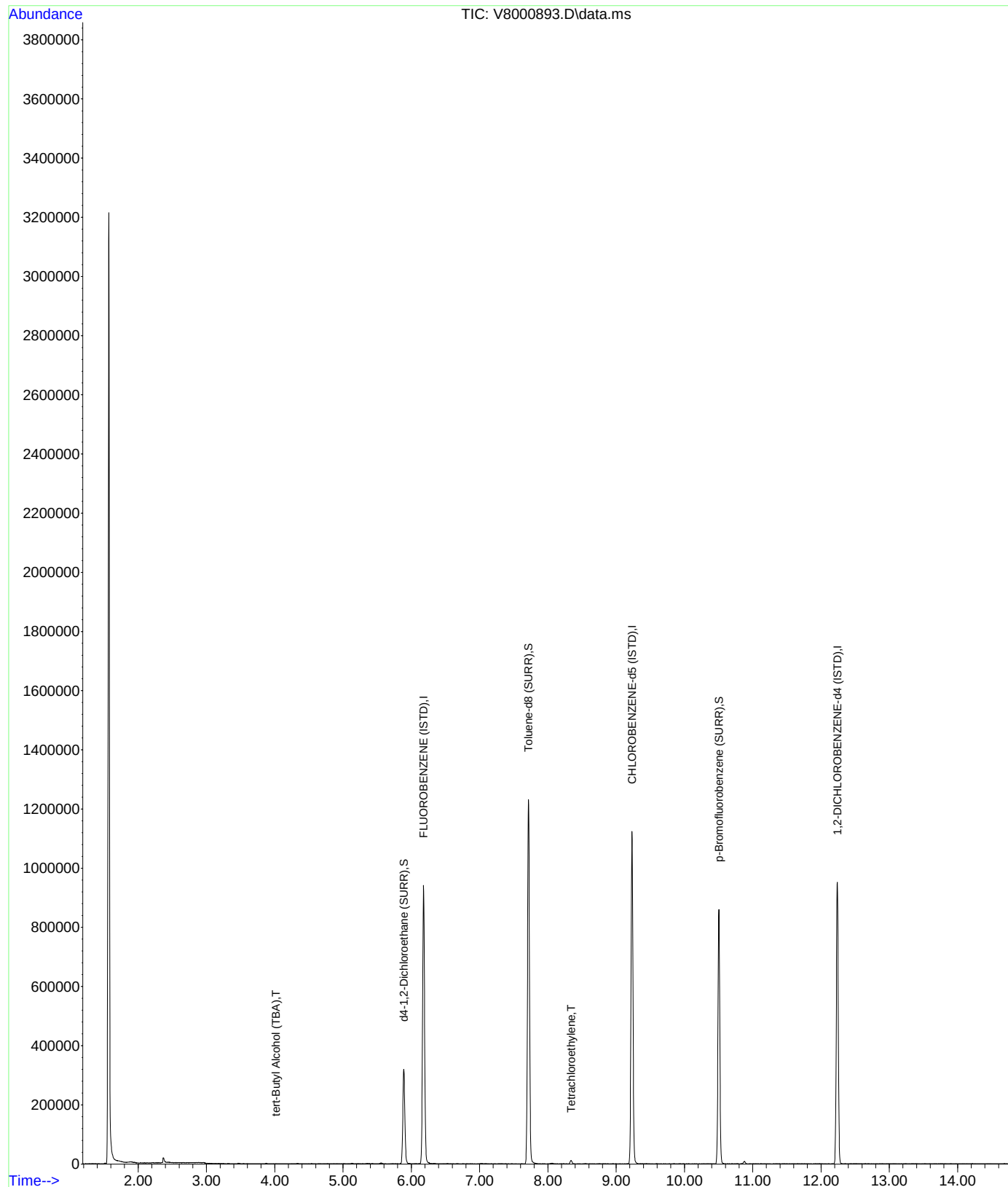
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

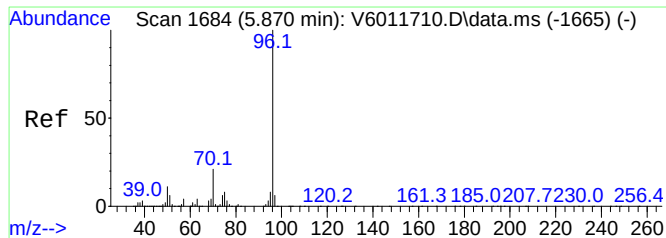
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	184669	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	677644	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	279100	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	244950	11.08	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	110.80%	
51) Toluene-d8 (SURR)	7.715	98	892357	10.81	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.10%	
70) p-Bromofluorobenzene (...)	10.504	95	342410	11.65	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	116.50%	
Target Compounds						
12) Acetone	3.471	43	1210	Below Cal		Qvalue 99
13) Iodomethane	3.540	142	152	Below Cal	#	81
16) tert-Butyl Alcohol (TBA)	4.017	59	344m	0.43 ppb		
17) Methylene Chloride	3.881	49	741	Below Cal	#	28
26) 2-Butanone	5.133	72	341	Below Cal	#	1
56) Tetrachloroethylene	8.340	166	3430	0.26 ppb	#	79

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000893.D
Acq On : 6 May 2016 6:04 pm
Operator : BK
Sample : 16E0003-10
Misc : V8050616A 8260 LOW A
ALS Vial : 23 Sample Multiplier: 1

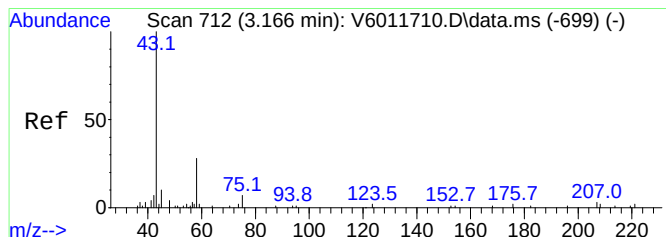
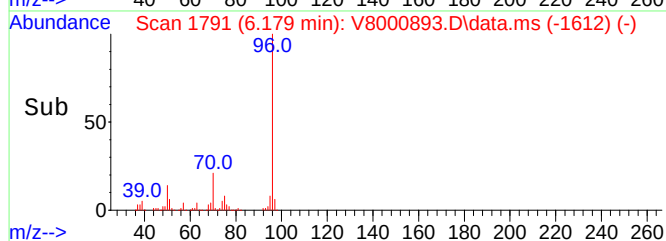
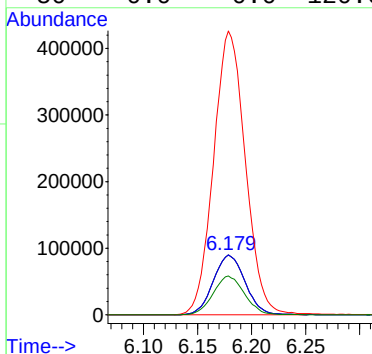
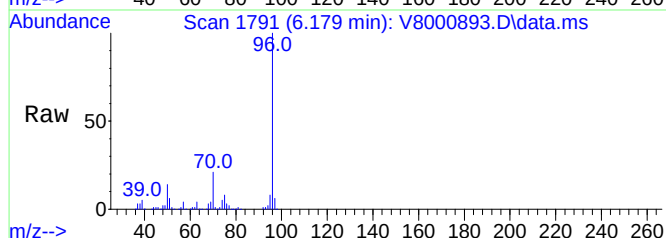
Quant Time: May 09 12:02:25 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





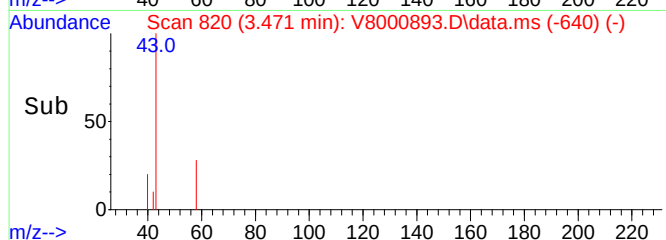
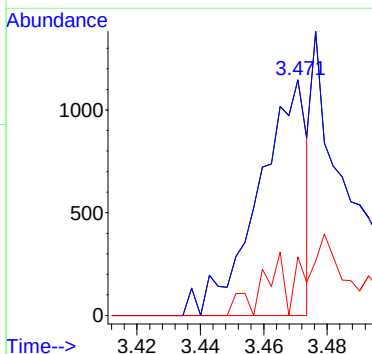
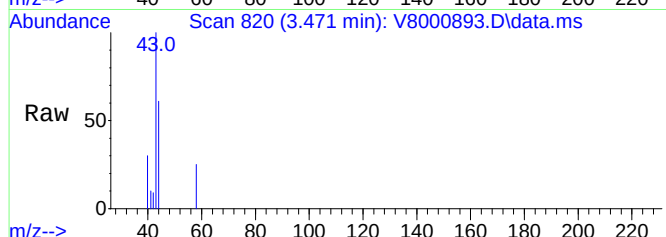
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.179 min Scan# 1791
 Delta R.T. -0.001 min
 Lab File: V8000893.D
 Acq: 6 May 2016 6:04 pm

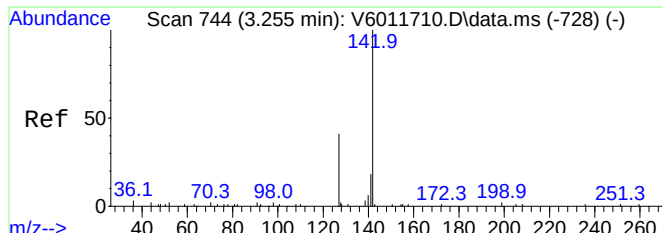
Tgt Ion: 70 Resp: 184669
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 474.6 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.471 min Scan# 820
 Delta R.T. 0.001 min
 Lab File: V8000893.D
 Acq: 6 May 2016 6:04 pm

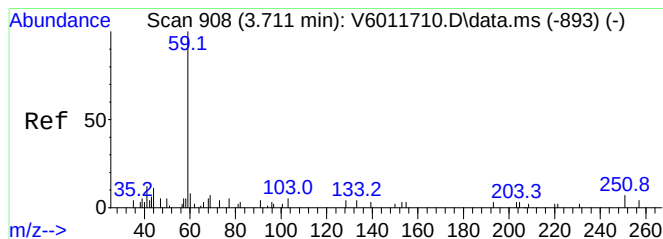
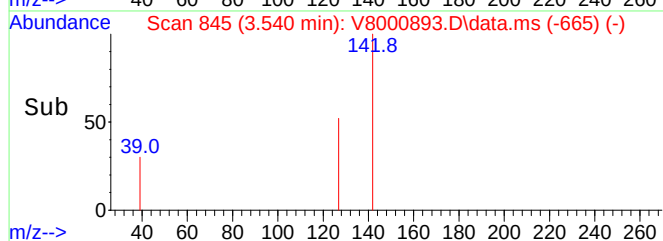
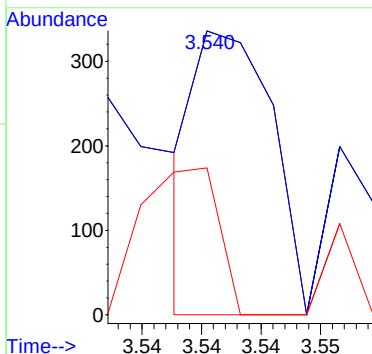
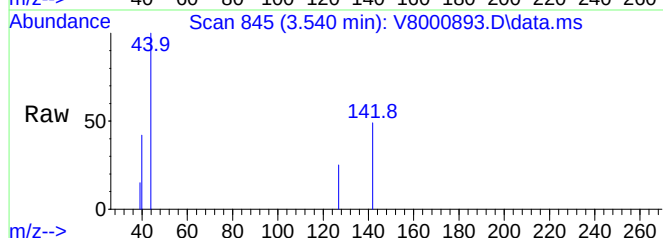
Tgt Ion: 43 Resp: 1210
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 30.2 13.9 41.6





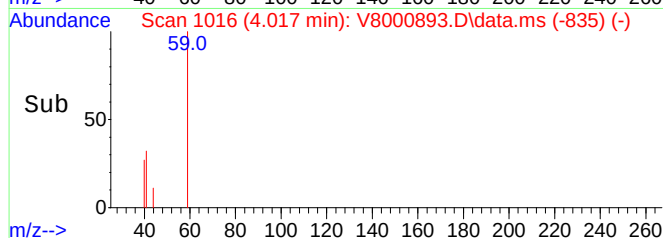
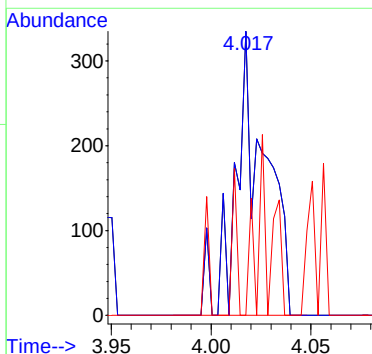
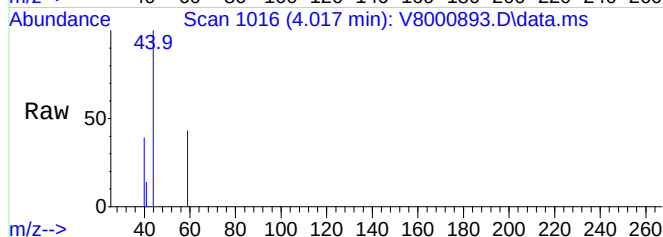
#13
Iodomethane
Concen: Below Cal
RT: 3.540 min Scan# 845
Delta R.T. 0.001 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

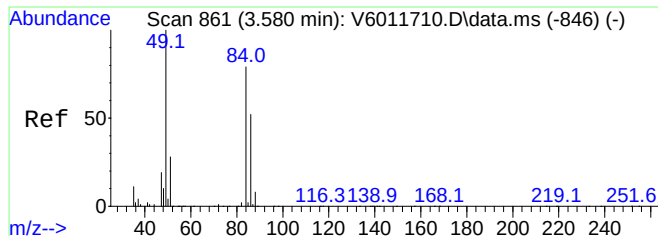
Tgt Ion: 142 Resp: 152
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#



#16
tert-Butyl Alcohol (TBA)
Concen: 0.43 ppb m
RT: 4.017 min Scan# 1016
Delta R.T. 0.006 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

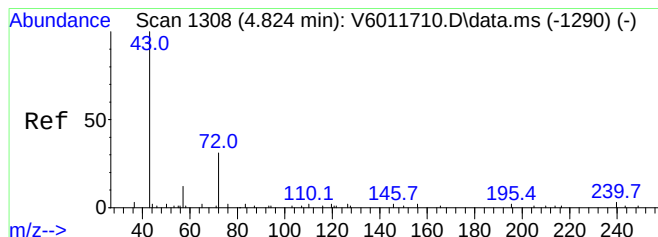
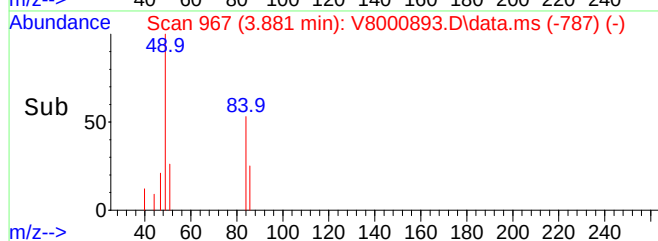
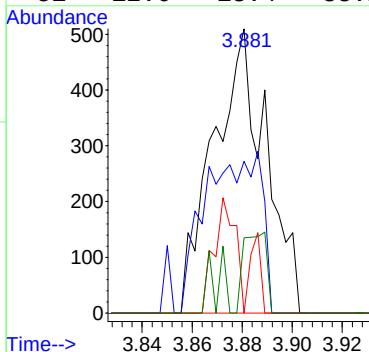
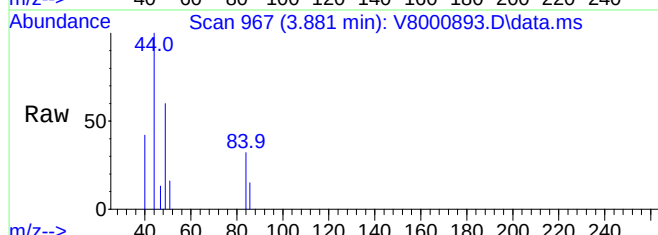
Tgt Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
59 64.2 65.0 135.0#
41 8.4 6.0 18.0





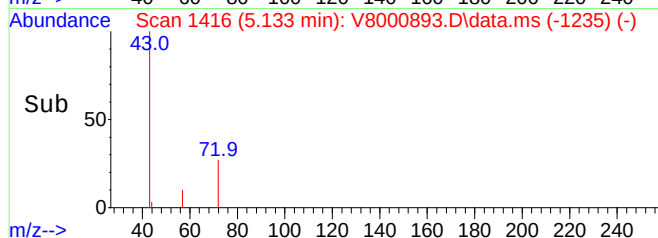
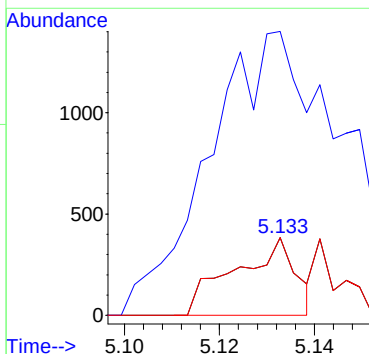
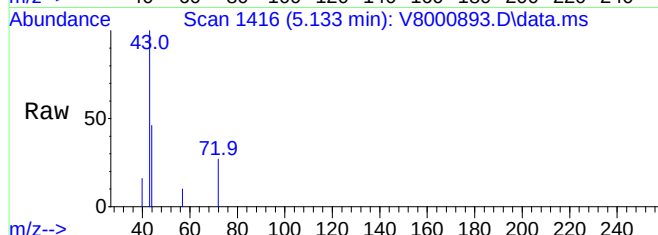
#17
Methylene Chloride
Concen: Below Cal
RT: 3.881 min Scan# 967
Delta R.T. 0.003 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

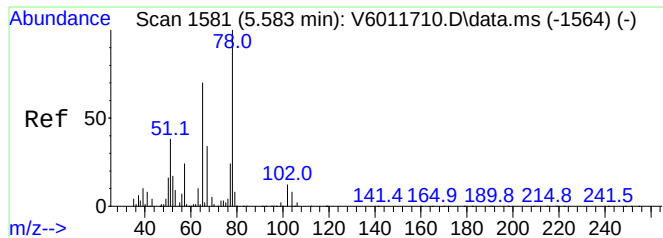
Tgt Ion: 49 Resp: 741
Ion Ratio Lower Upper
49 100
84 0.0 51.5 107.1#
86 5.7 34.1 70.7#
51 12.6 18.4 38.2#



#26
2-Butanone
Concen: Below Cal
RT: 5.133 min Scan# 1416
Delta R.T. 0.004 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

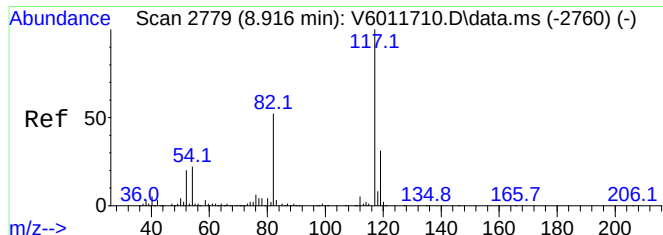
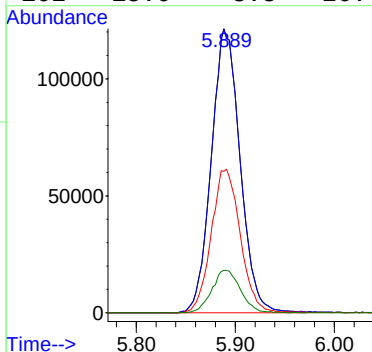
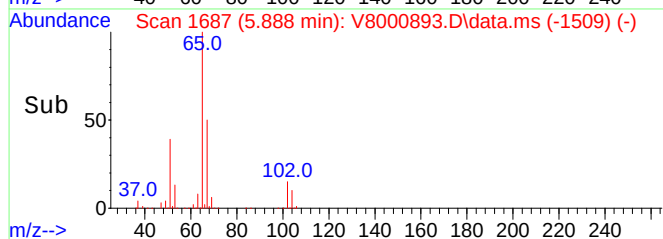
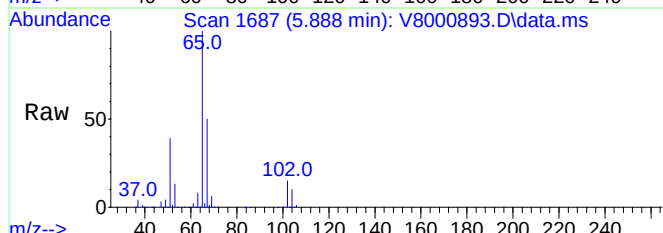
Tgt Ion: 72 Resp: 341
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0





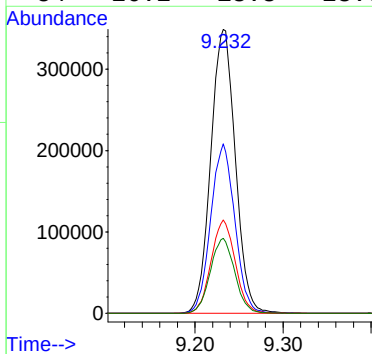
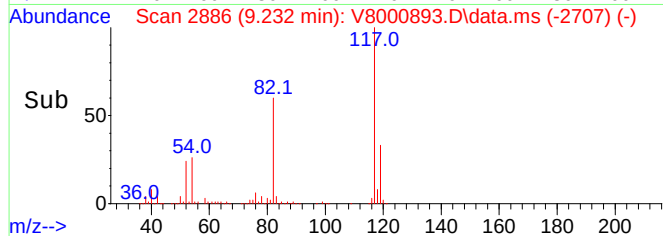
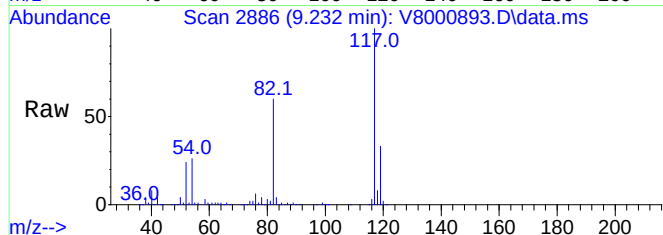
#34
d4-1,2-Dichloroethane (SURR)
Concen: 11.08 ppb
RT: 5.888 min Scan# 1687
Delta R.T. -0.002 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

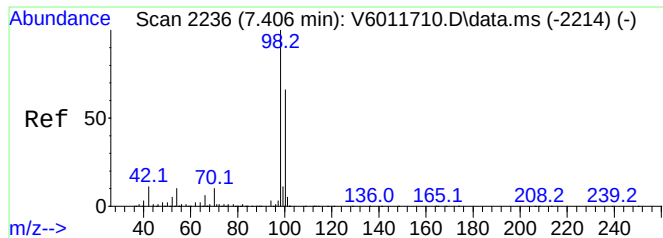
Tgt Ion: 65 Resp: 244950
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 50.9 31.3 65.1
102 15.0 8.8 26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

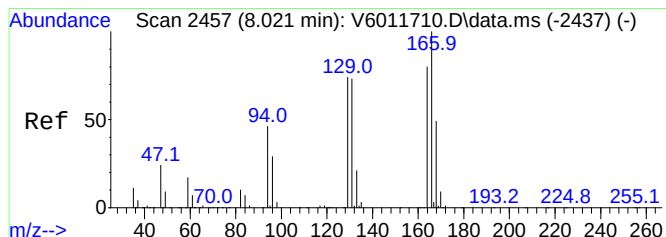
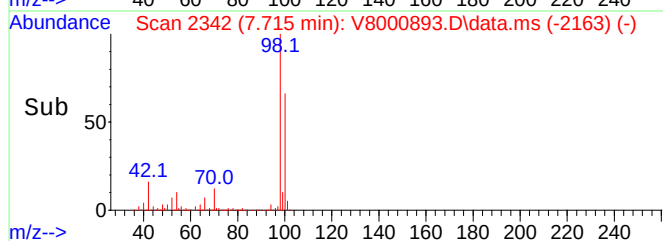
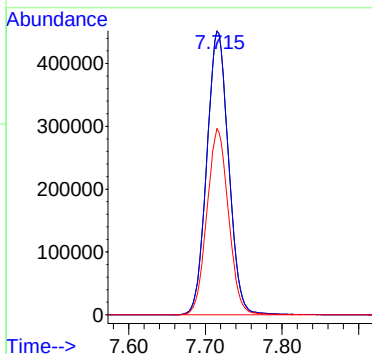
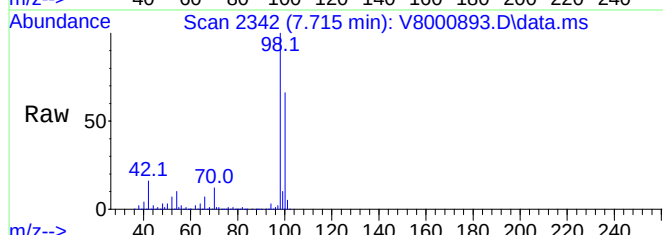
Tgt Ion: 117 Resp: 677644
Ion Ratio Lower Upper
117 100
82 58.6 34.0 70.6
119 32.3 21.5 44.7
54 26.2 13.8 28.6





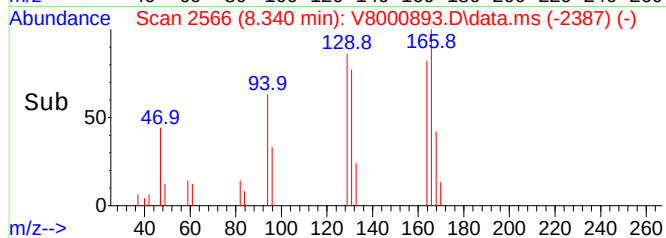
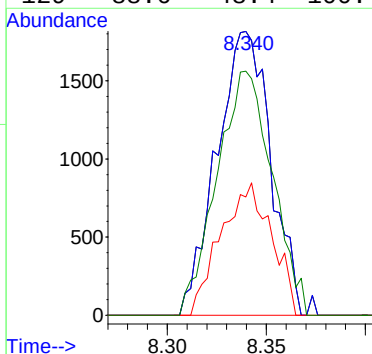
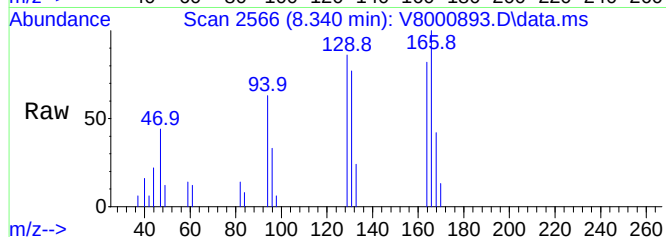
#51
Toluene-d8 (SURRE)
Concen: 10.81 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

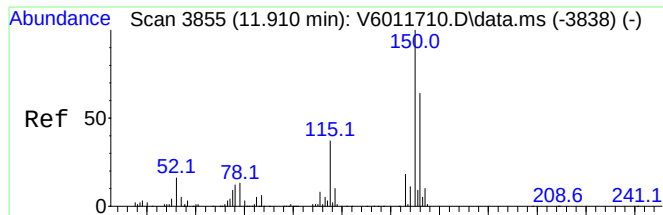
Tgt Ion: 98 Resp: 892357
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 64.9 42.8 89.0



#56
Tetrachloroethylene
Concen: 0.26 ppb
RT: 8.340 min Scan# 2566
Delta R.T. 0.000 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

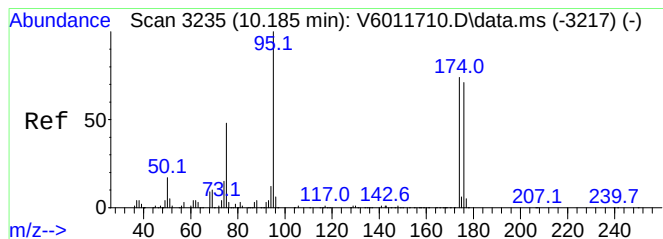
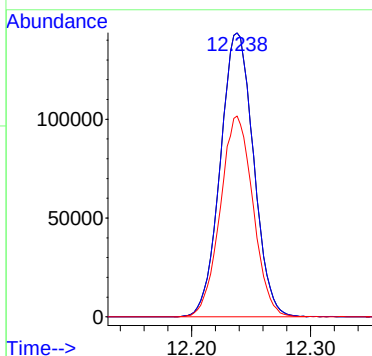
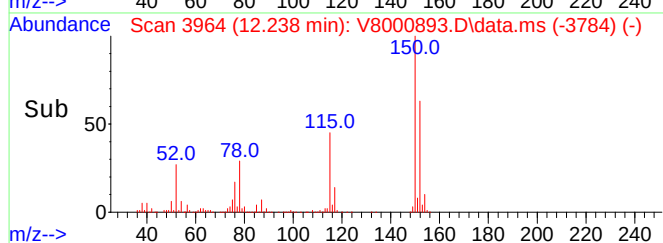
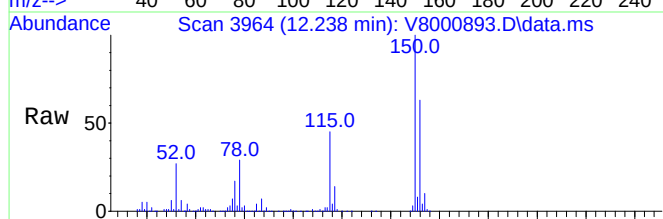
Tgt Ion: 166 Resp: 3430
Ion Ratio Lower Upper
166 100
166 100.0 65.0 135.0
168 0.0 31.8 66.0#
129 88.6 48.4 100.4





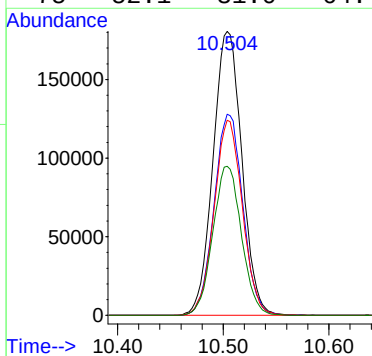
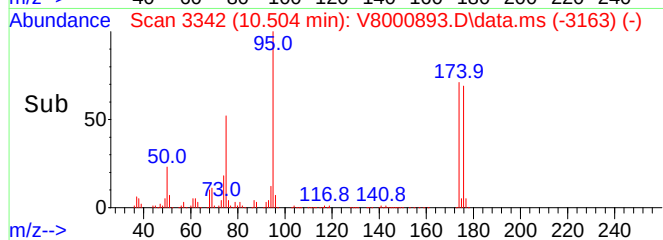
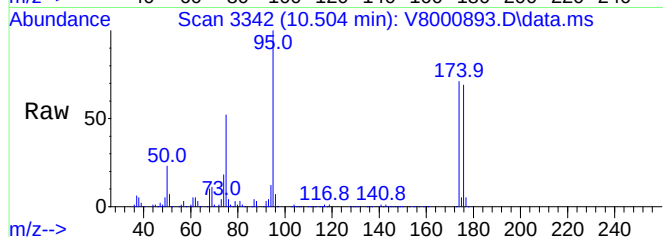
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

Tgt Ion: 152 Resp: 279100
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.8 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.65 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000893.D
Acq: 6 May 2016 6:04 pm

Tgt Ion: 95 Resp: 342410
Ion Ratio Lower Upper
95 100
174 70.5 47.8 99.4
176 67.4 46.3 96.1
75 52.1 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

3C

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-11 File ID: V8000894.D
 Sampled: 04/27/16 12:00 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 18:30
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.85	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	1.2	
75-35-4	1,1-Dichloroethylene	1	0.63	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

3C

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-11 File ID: V8000894.D
 Sampled: 04/27/16 12:00 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 18:30
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.8	118	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000894.D
 Acq On : 6 May 2016 6:30 pm
 Operator : BK
 Sample : 16E0003-11
 Misc : V8050616A 8260 LOW A
 ALS Vial : 24 Sample Multiplier: 1

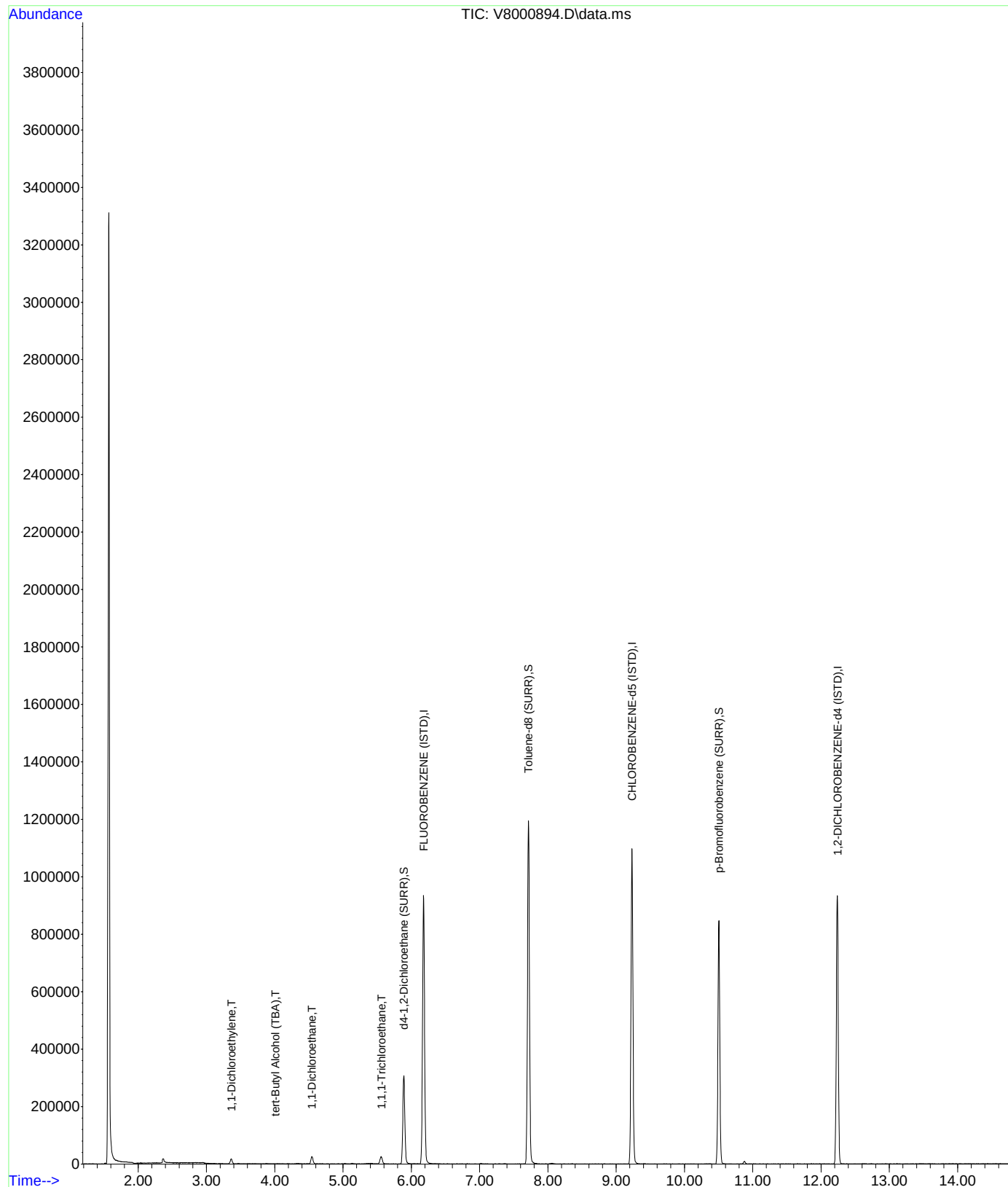
Quant Time: May 09 12:03:55 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

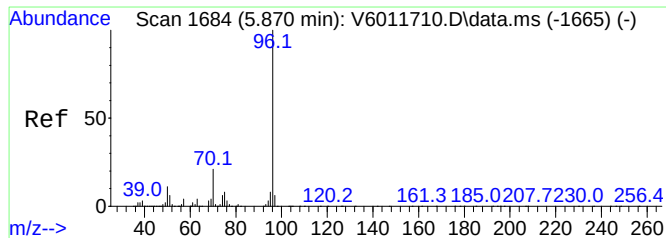
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	183124	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	660004	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.241	152	272646	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	236770	10.80	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.00%	
51) Toluene-d8 (SURR)	7.715	98	870306	10.83	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.30%	
70) p-Bromofluorobenzene (...)	10.504	95	337703	11.76	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	117.60%	
Target Compounds						
10) 1,1-Dichloroethylene	3.365	61	12295	0.63	ppb	Qvalue # 96
12) Acetone	3.471	43	889	Below	Cal	98
13) Iodomethane	3.529	142	136	Below	Cal	93
16) tert-Butyl Alcohol (TBA)	4.012	59	234m	0.30	ppb	
17) Methylene Chloride	3.872	49	365	Below	Cal	# 66
21) 1,1-Dichloroethane	4.544	63	27513	1.17	ppb	# 96
26) 2-Butanone	5.127	72	173	Below	Cal	# 1
31) 1,1,1-Trichloroethane	5.562	97	18369	0.85	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000894.D
Acq On : 6 May 2016 6:30 pm
Operator : BK
Sample : 16E0003-11
Misc : V8050616A 8260 LOW A
ALS Vial : 24 Sample Multiplier: 1

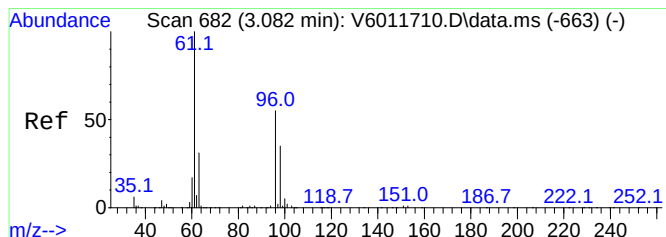
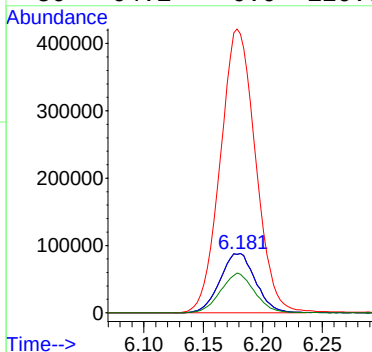
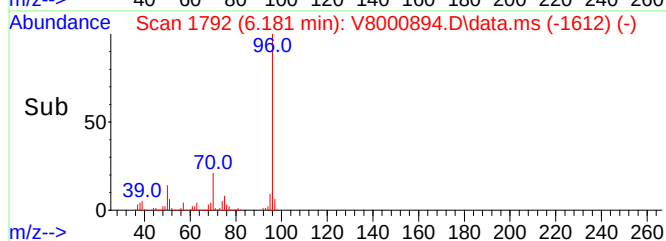
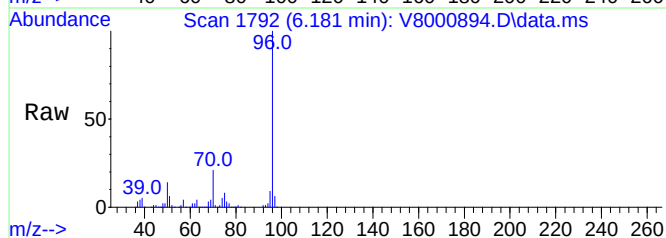
Quant Time: May 09 12:03:55 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





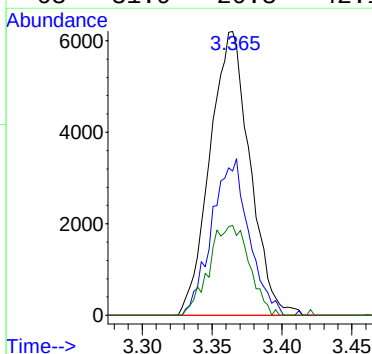
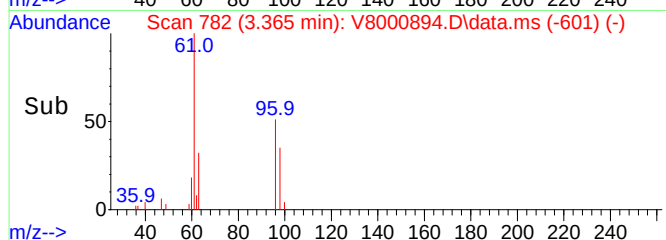
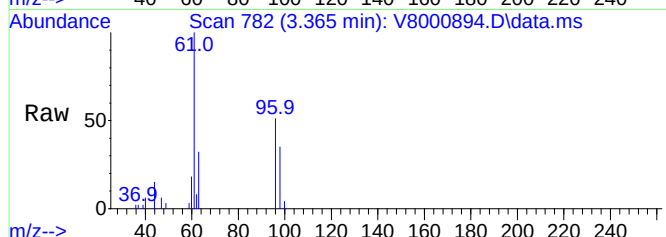
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.181 min Scan# 1792
 Delta R.T. 0.001 min
 Lab File: V8000894.D
 Acq: 6 May 2016 6:30 pm

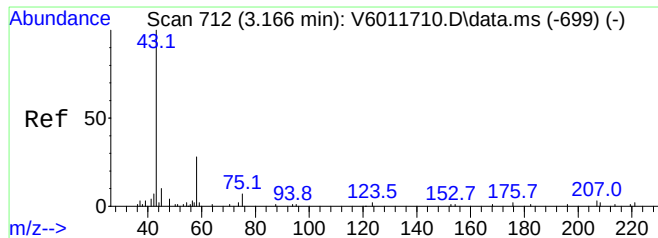
Tgt Ion: 70 Resp: 183124
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 476.8 343.3 713.1
 50 64.1 0.0 120.6



#10
 1,1-Dichloroethylene
 Concen: 0.63 ppb
 RT: 3.365 min Scan# 782
 Delta R.T. 0.004 min
 Lab File: V8000894.D
 Acq: 6 May 2016 6:30 pm

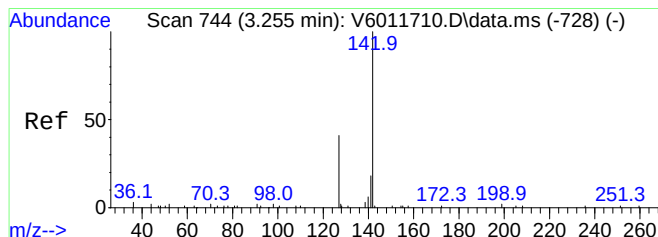
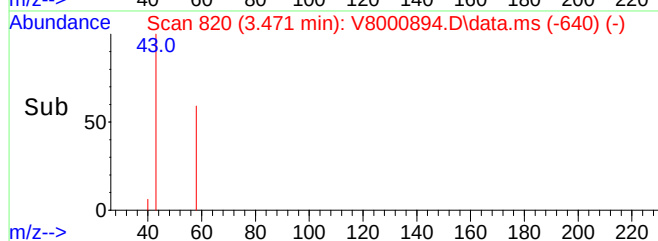
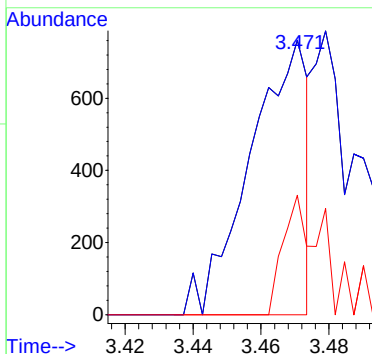
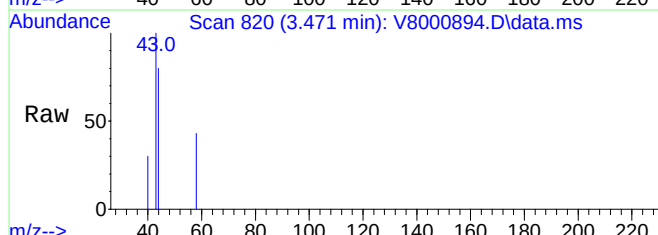
Tgt Ion: 61 Resp: 12295
 Ion Ratio Lower Upper
 61 100
 96 51.2 36.0 74.8
 101 0.0 1.3 2.7#
 63 31.9 20.3 42.1





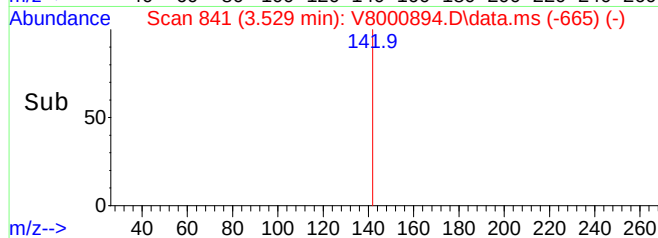
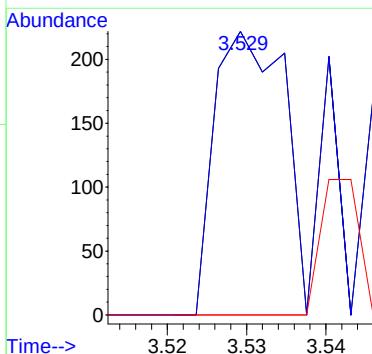
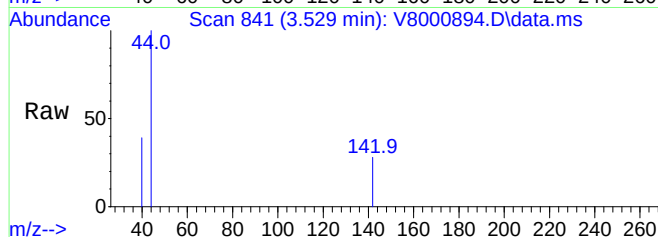
#12
Acetone
Concen: Below Cal
RT: 3.471 min Scan# 820
Delta R.T. 0.001 min
Lab File: V8000894.D
Acq: 6 May 2016 6:30 pm

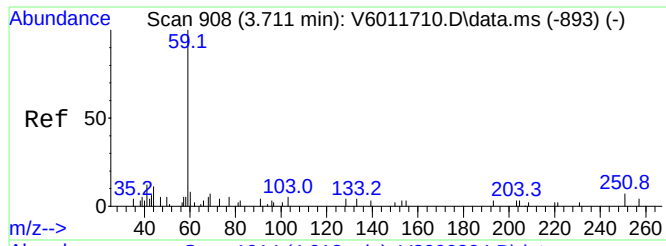
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
43 100.0 80.0 120.0
58 31.8 13.9 41.6



#13
Iodomethane
Concen: Below Cal
RT: 3.529 min Scan# 841
Delta R.T. -0.010 min
Lab File: V8000894.D
Acq: 6 May 2016 6:30 pm

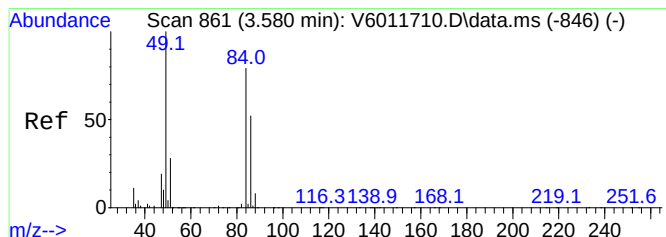
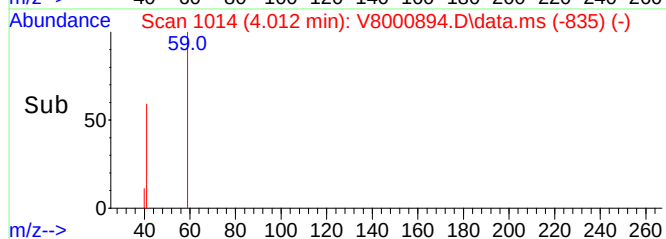
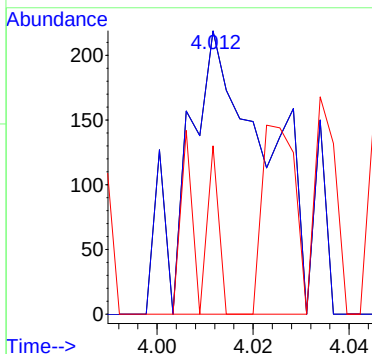
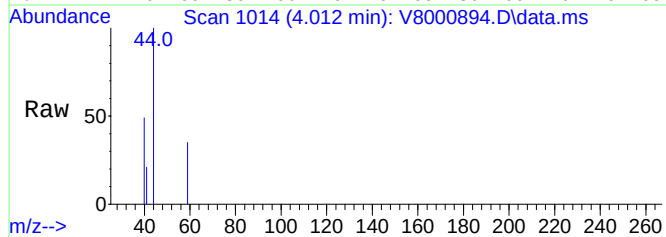
Tgt Ion: 142 Resp: 136
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 25.7 20.8 62.2





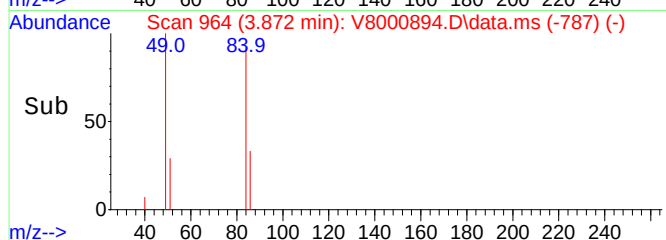
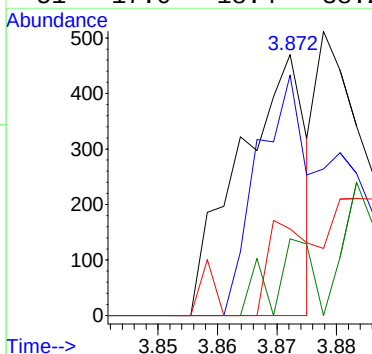
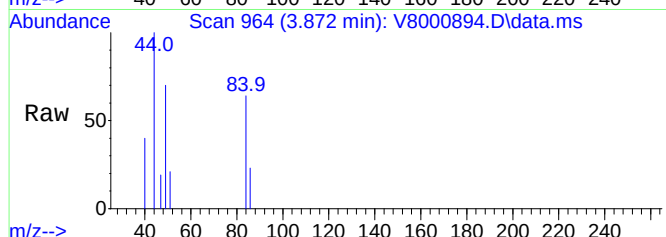
#16
tert-Butyl Alcohol (TBA)
Concen: 0.30 ppb m
RT: 4.012 min Scan# 1014
Delta R.T. 0.000 min
Lab File: V8000894.D
Acq: 6 May 2016 6:30 pm

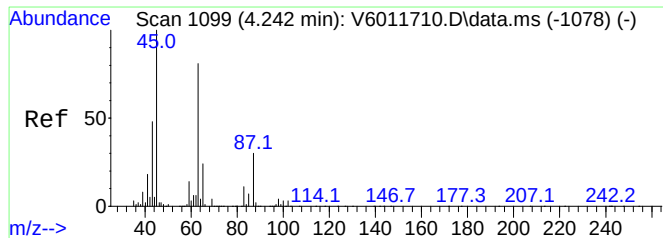
Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
59 119.7 65.0 135.0
41 19.7 6.0 18.0#



#17
Methylene Chloride
Concen: Below Cal
RT: 3.872 min Scan# 964
Delta R.T. -0.005 min
Lab File: V8000894.D
Acq: 6 May 2016 6:30 pm

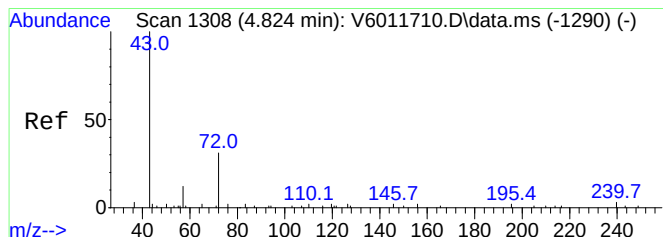
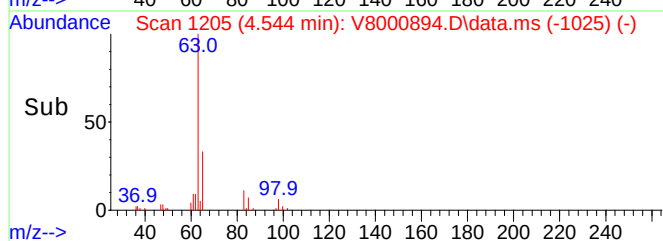
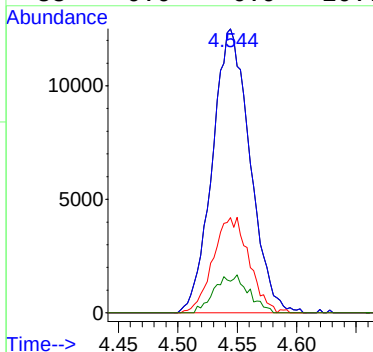
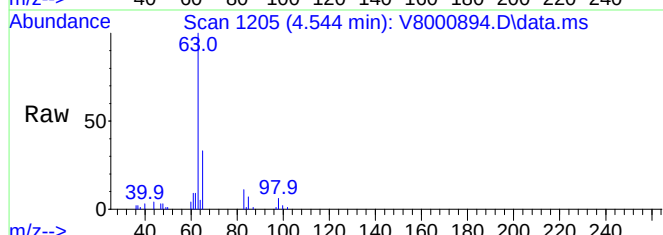
Tgt Ion: 49 Resp: 365
Ion Ratio Lower Upper
49 100
84 111.2 51.5 107.1#
86 26.6 34.1 70.7#
51 17.0 18.4 38.2#





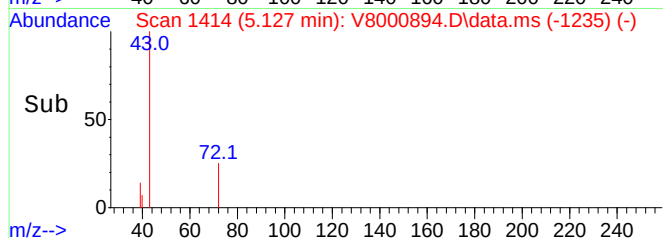
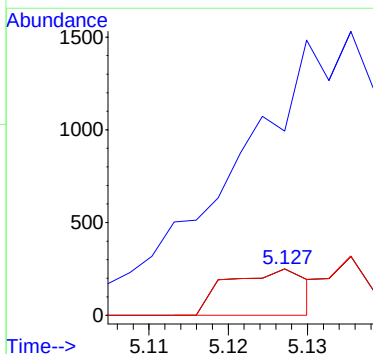
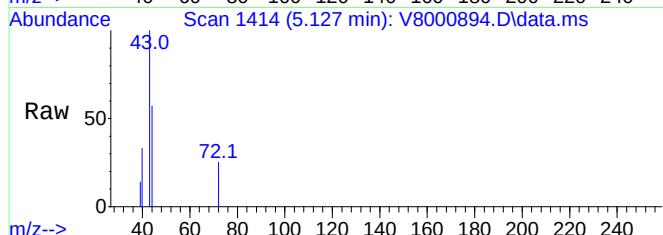
#21
1,1-Dichloroethane
Concen: 1.17 ppb
RT: 4.544 min Scan# 1205
Delta R.T. 0.001 min
Lab File: V8000894.D
Acq: 6 May 2016 6:30 pm

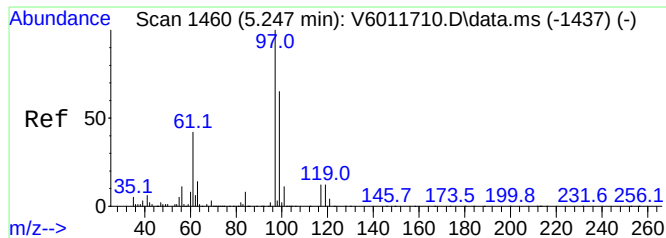
Tgt Ion: 63 Resp: 27513
Ion Ratio Lower Upper
63 100
63 100.0 65.0 135.0
65 32.2 19.4 40.2
83 0.0 6.9 20.7#



#26
2-Butanone
Concen: Below Cal
RT: 5.127 min Scan# 1414
Delta R.T. -0.001 min
Lab File: V8000894.D
Acq: 6 May 2016 6:30 pm

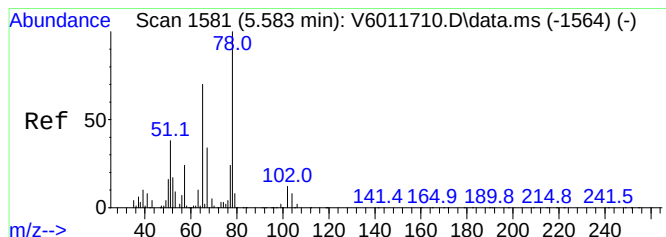
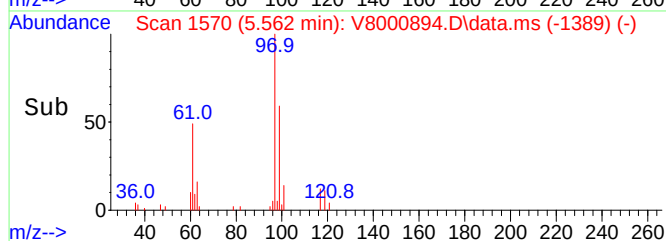
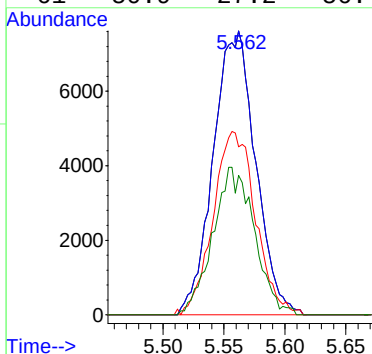
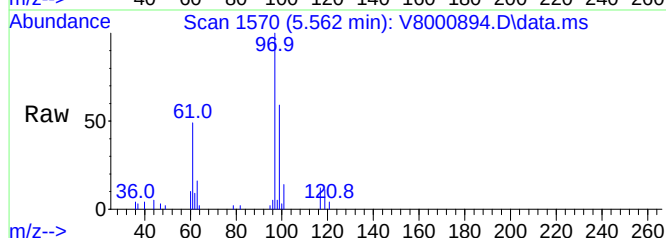
Tgt Ion: 72 Resp: 173
Ion Ratio Lower Upper
72 100
43 1723.1 260.7 391.1#
72 100.0 50.0 150.0





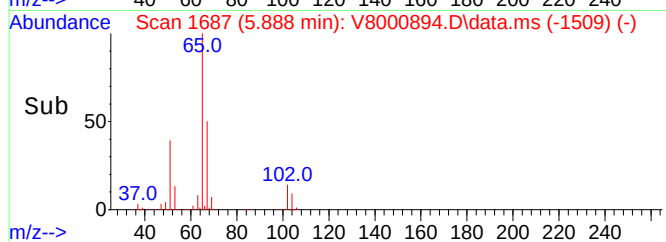
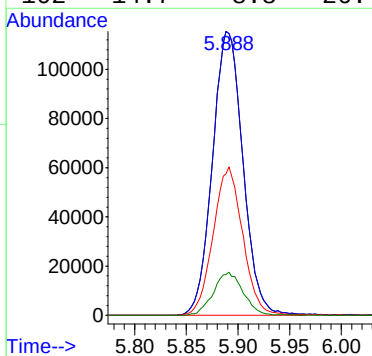
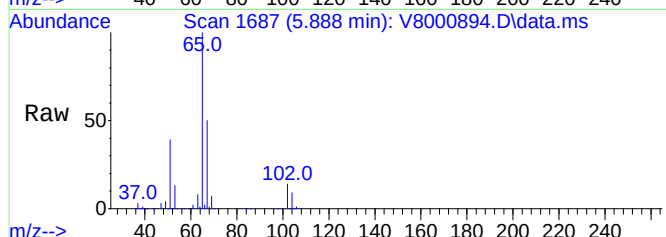
#31
 1,1,1-Trichloroethane
 Concen: 0.85 ppb
 RT: 5.562 min Scan# 1570
 Delta R.T. 0.003 min
 Lab File: V8000894.D
 Acq: 6 May 2016 6:30 pm

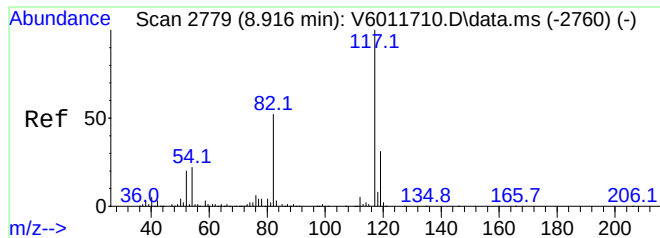
Tgt Ion:	97	Resp:	18369
Ion	Ratio	Lower	Upper
97	100		
97	100.0	65.0	135.0
99	64.8	42.5	88.3
61	50.9	27.2	56.4



#34
 d4-1,2-Dichloroethane (SURR)
 Concen: 10.80 ppb
 RT: 5.888 min Scan# 1687
 Delta R.T. -0.002 min
 Lab File: V8000894.D
 Acq: 6 May 2016 6:30 pm

Tgt Ion:	65	Resp:	236770
Ion	Ratio	Lower	Upper
65	100		
65	100.0	65.0	135.0
67	50.6	31.3	65.1
102	14.7	8.8	26.4

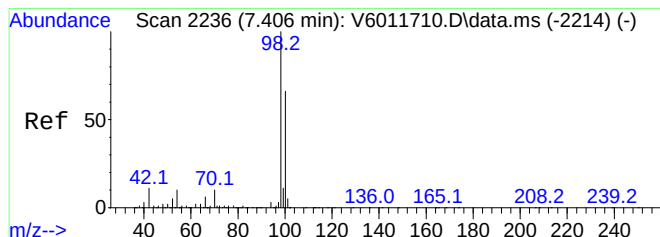
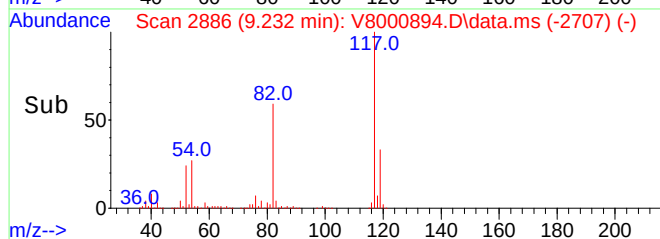
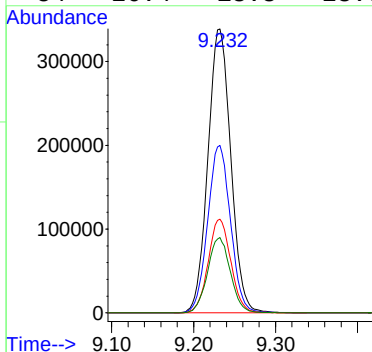
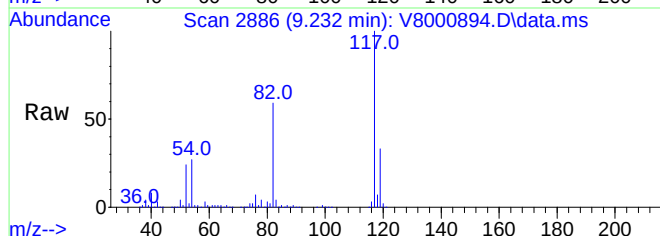




#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. 0.000 min
 Lab File: V8000894.D
 Acq: 6 May 2016 6:30 pm

Tgt Ion: 117 Resp: 660004

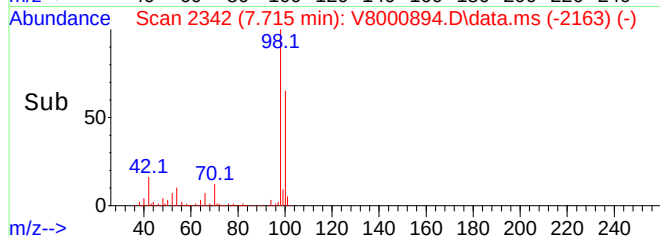
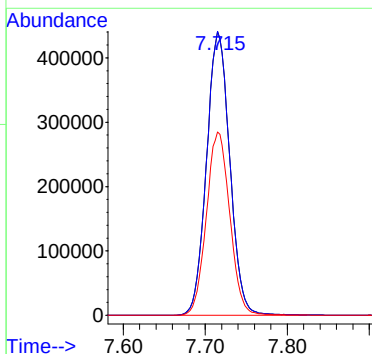
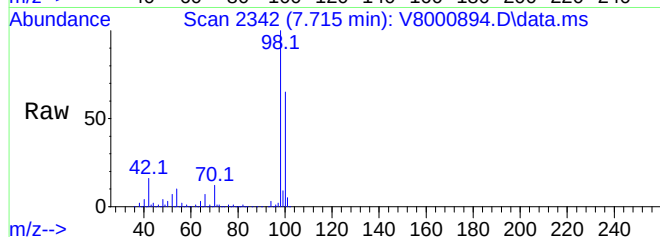
Ion	Ratio	Lower	Upper
117	100		
82	58.8	34.0	70.6
119	32.5	21.5	44.7
54	26.4	13.8	28.6

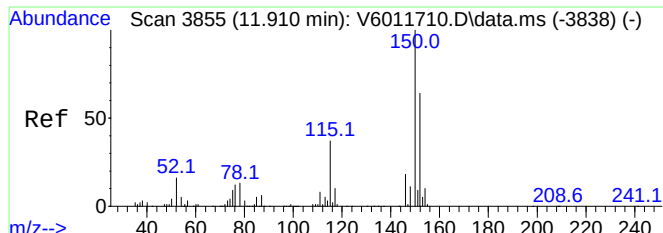


#51
 Toluene-d8 (SURR)
 Concen: 10.83 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000894.D
 Acq: 6 May 2016 6:30 pm

Tgt Ion: 98 Resp: 870306

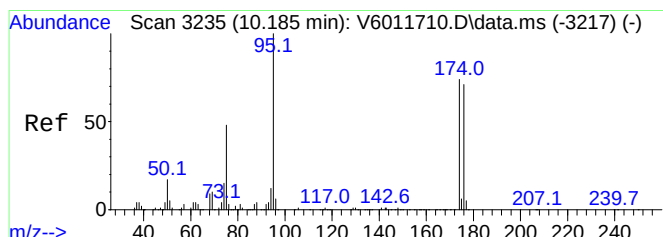
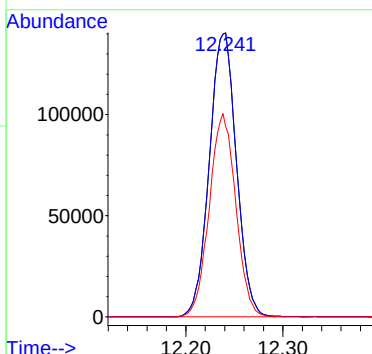
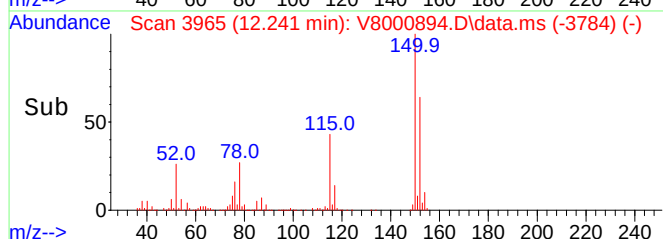
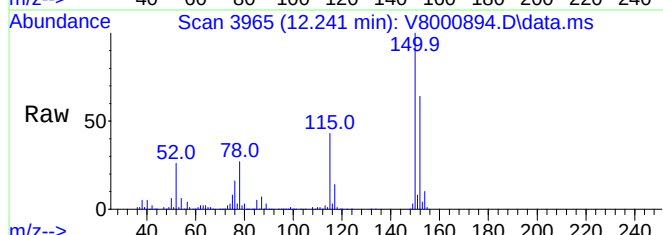
Ion	Ratio	Lower	Upper
98	100		
98	100.0	65.0	135.0
100	64.9	42.8	89.0





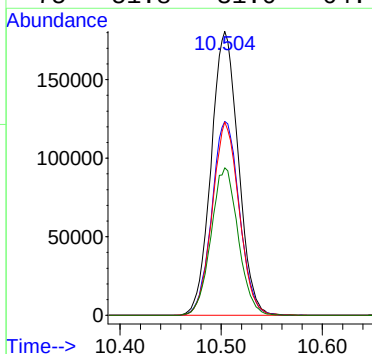
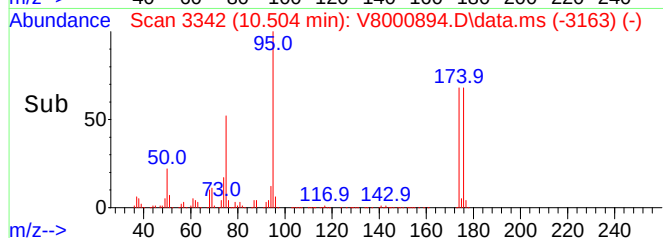
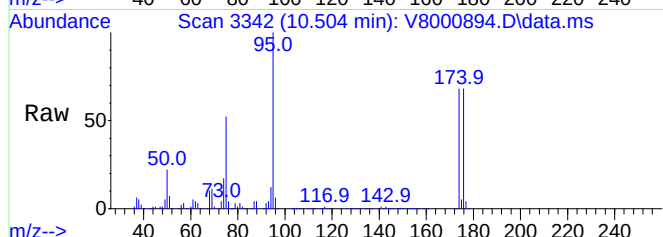
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.241 min Scan# 3965
Delta R.T. 0.004 min
Lab File: V8000894.D
Acq: 6 May 2016 6:30 pm

Tgt Ion: 152 Resp: 272646
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.8 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.76 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000894.D
Acq: 6 May 2016 6:30 pm

Tgt Ion: 95 Resp: 337703
Ion Ratio Lower Upper
95 100
174 69.5 47.8 99.4
176 67.2 46.3 96.1
75 51.8 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

4A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-12 File ID: V8000903.D
 Sampled: 04/27/16 12:40 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 22:20
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.59	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.51	
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

4A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-12 File ID: V8000903.D
 Sampled: 04/27/16 12:40 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 22:20
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.85	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	20	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	2.0	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.3	113	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.5	115	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000903.D
 Acq On : 6 May 2016 10:20 pm
 Operator : BK
 Sample : 16E0003-12
 Misc : V8050616B 8260 LOW A
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 09 12:08:01 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

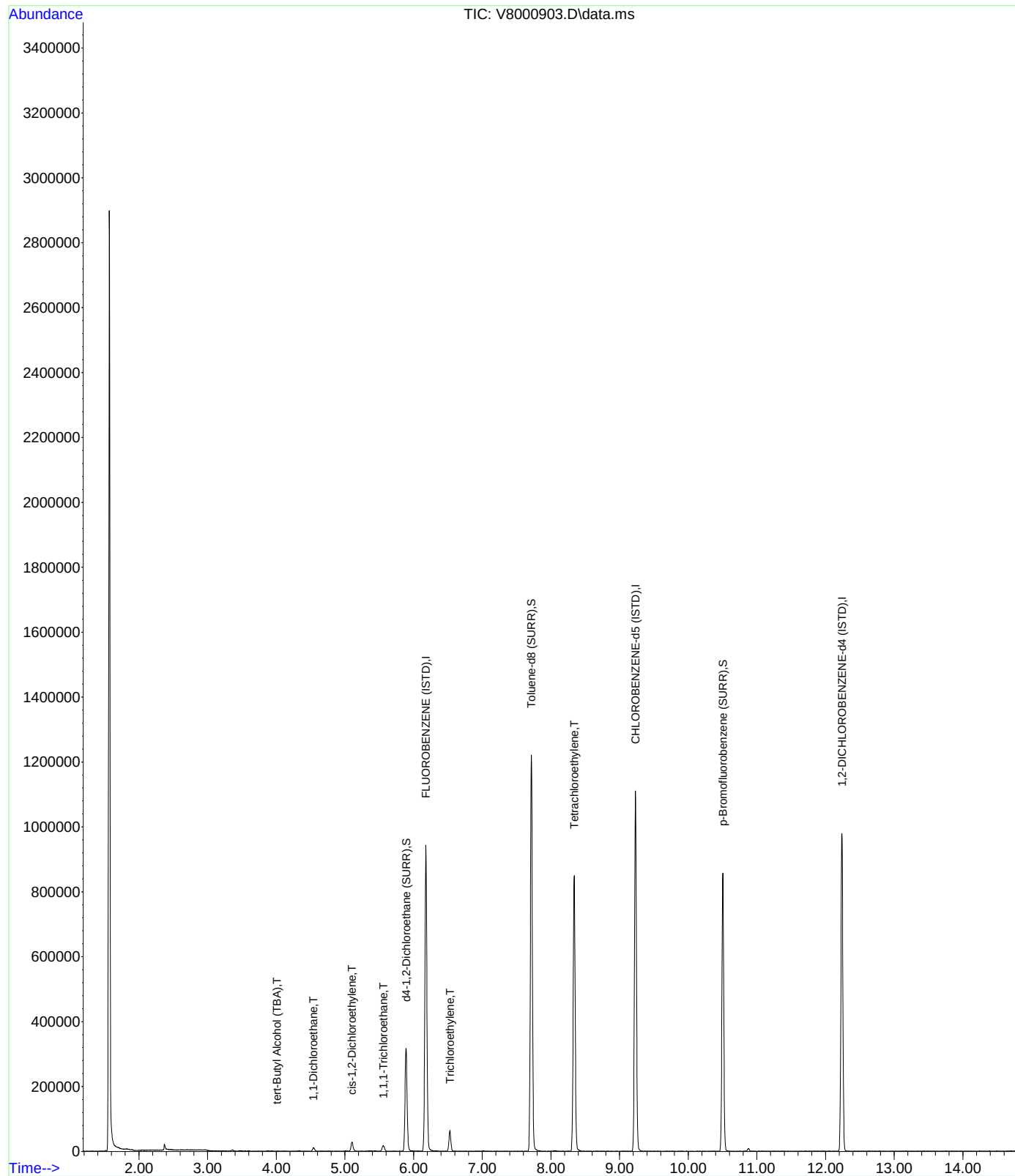
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

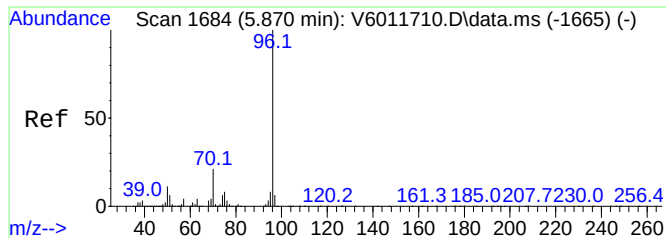
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	182580	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	674094	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	283971	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	246163	11.26	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	112.60%	
51) Toluene-d8 (SURR)	7.715	98	879215	10.71	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	107.10%	
70) p-Bromofluorobenzene (...)	10.504	95	342954	11.47	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	114.70%	
Target Compounds						
12) Acetone	3.462	43	880	Below Cal		Qvalue 98
13) Iodomethane	3.543	142	206	Below Cal		94
16) tert-Butyl Alcohol (TBA)	4.009	59	373m	0.48 ppb		
17) Methylene Chloride	3.872	49	861	Below Cal	#	43
21) 1,1-Dichloroethane	4.542	63	11902	0.51 ppb	#	98
25) cis-1,2-Dichloroethylene	5.102	61	18660	0.85 ppb		96
26) 2-Butanone	5.127	72	231	Below Cal	#	1
31) 1,1,1-Trichloroethane	5.559	97	12719	0.59 ppb		96
41) Trichloroethylene	6.530	95	22944	1.95 ppb		95
56) Tetrachloroethylene	8.340	166	257388	19.81 ppb	#	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000903.D
Acq On : 6 May 2016 10:20 pm
Operator : BK
Sample : 16E0003-12
Misc : V8050616B 8260 LOW A
ALS Vial : 33 Sample Multiplier: 1

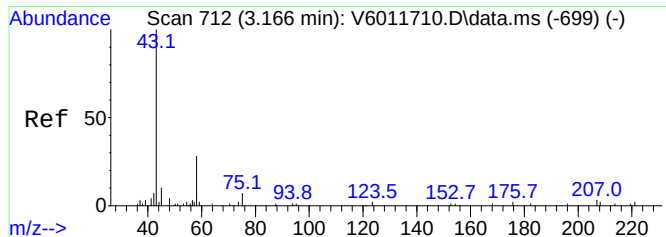
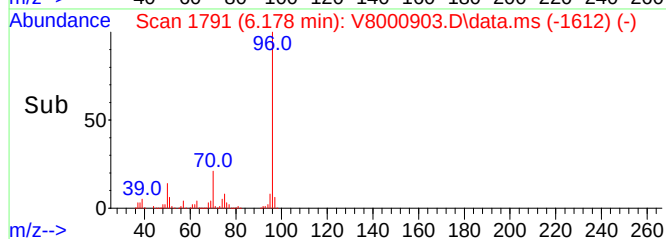
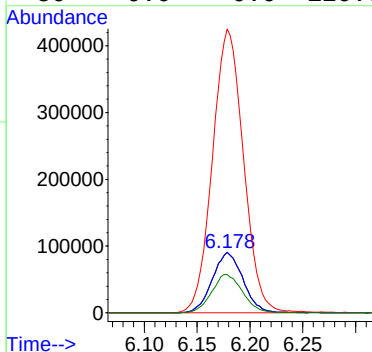
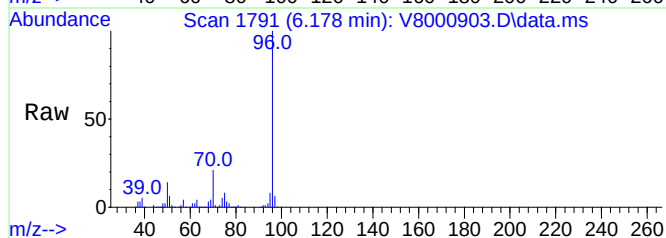
Quant Time: May 09 12:08:01 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





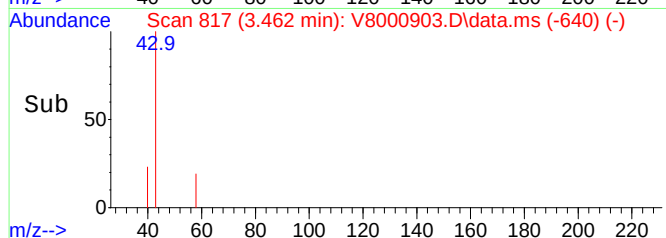
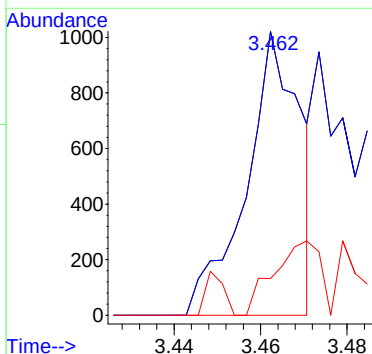
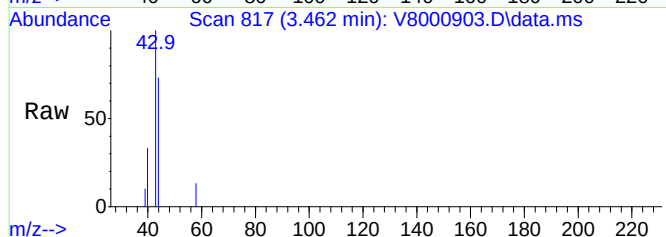
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000903.D
 Acq: 6 May 2016 10:20 pm

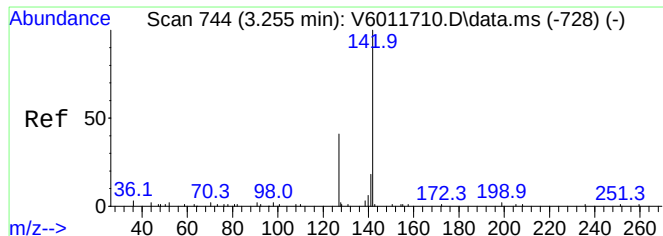
Tgt Ion: 70 Resp: 182580
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 475.3 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.462 min Scan# 817
 Delta R.T. -0.007 min
 Lab File: V8000903.D
 Acq: 6 May 2016 10:20 pm

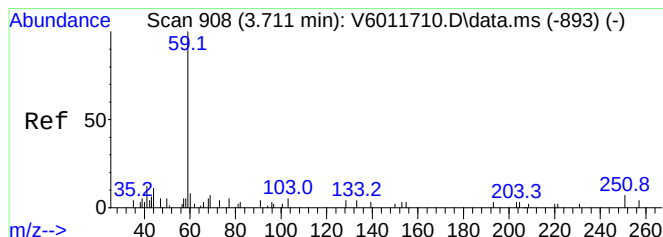
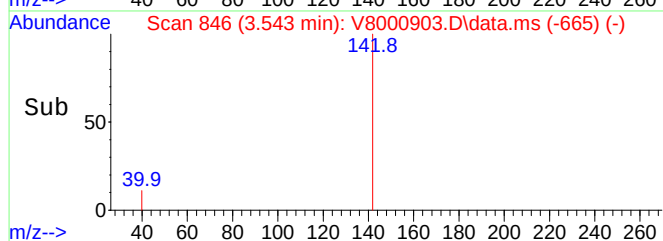
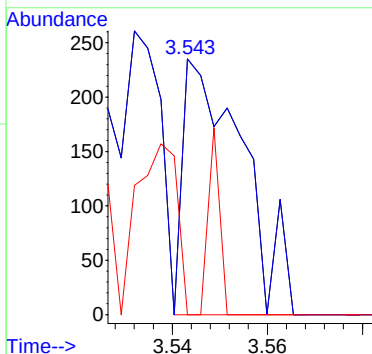
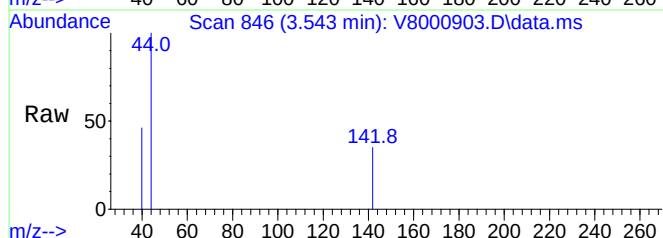
Tgt Ion: 43 Resp: 880
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 22.5 13.9 41.6





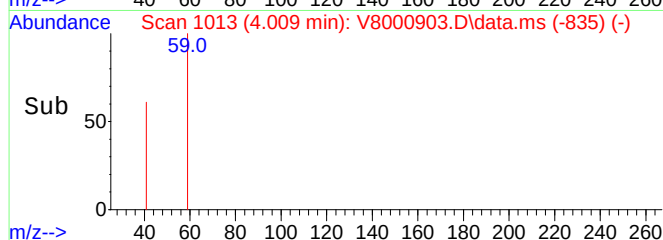
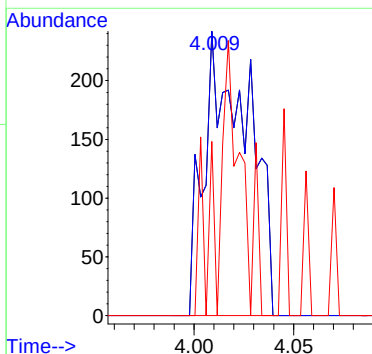
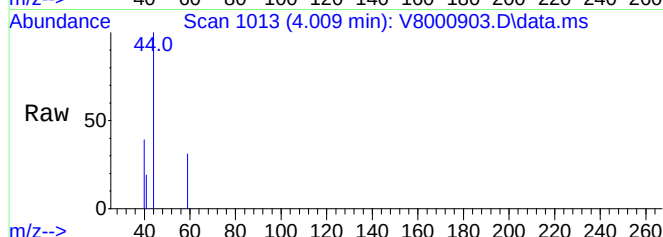
#13
Iodomethane
Concen: Below Cal
RT: 3.543 min Scan# 846
Delta R.T. 0.004 min
Lab File: V8000903.D
Acq: 6 May 2016 10:20 pm

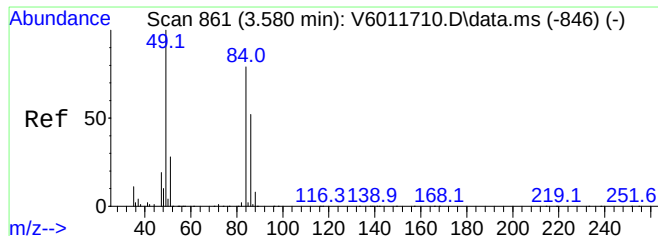
Tgt Ion: 142 Resp: 206
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 54.4 20.8 62.2



#16
tert-Butyl Alcohol (TBA)
Concen: 0.48 ppb m
RT: 4.009 min Scan# 1013
Delta R.T. -0.003 min
Lab File: V8000903.D
Acq: 6 May 2016 10:20 pm

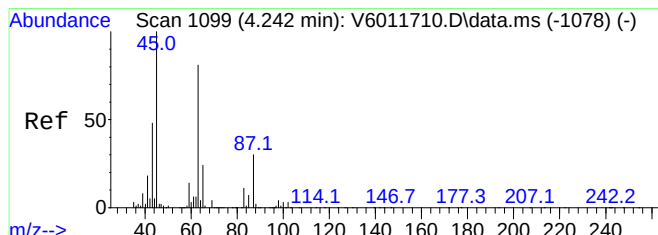
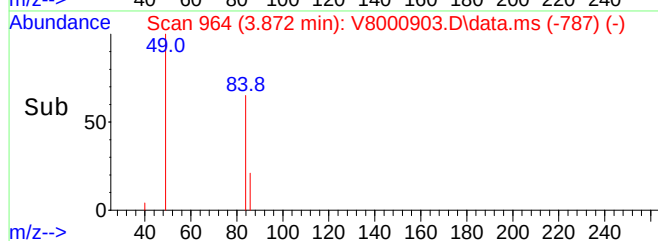
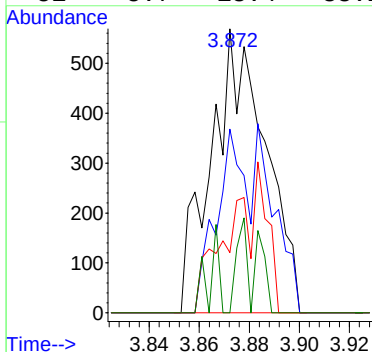
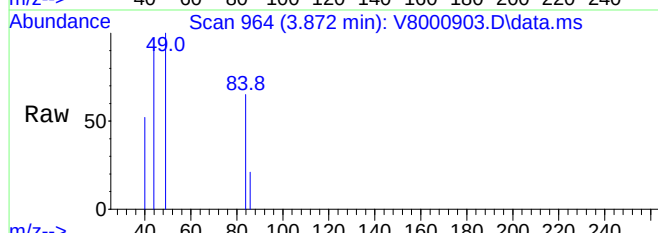
Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
59 42.1 65.0 135.0#
41 6.7 6.0 18.0





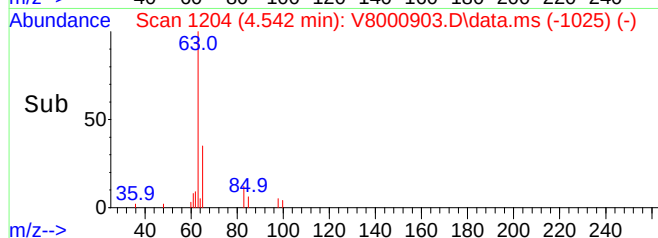
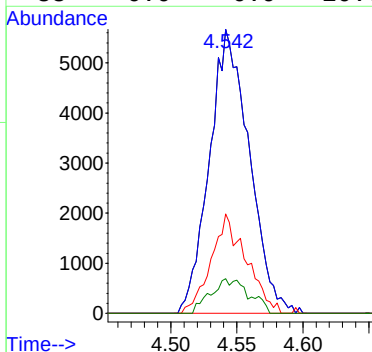
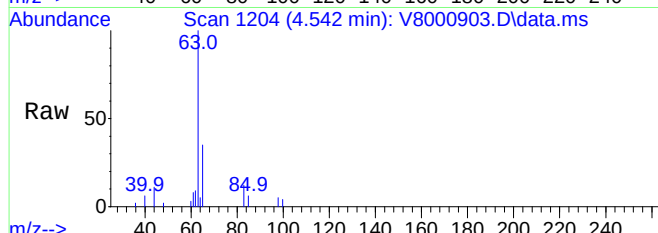
#17
Methylene Chloride
Concen: Below Cal
RT: 3.872 min Scan# 964
Delta R.T. -0.005 min
Lab File: V8000903.D
Acq: 6 May 2016 10:20 pm

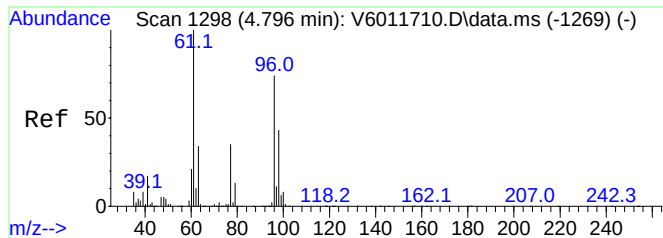
Tgt Ion:	49	Resp:	861
Ion Ratio	Lower	Upper	
49	100		
84	35.1	51.5	107.1#
86	0.0	34.1	70.7#
51	5.7	18.4	38.2#



#21
1,1-Dichloroethane
Concen: 0.51 ppb
RT: 4.542 min Scan# 1204
Delta R.T. -0.002 min
Lab File: V8000903.D
Acq: 6 May 2016 10:20 pm

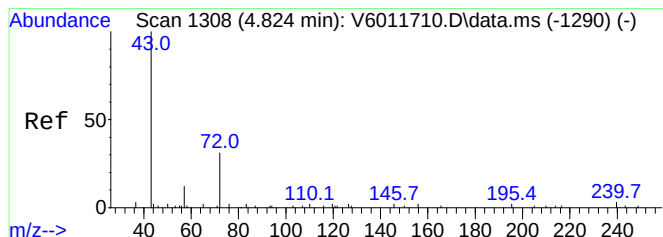
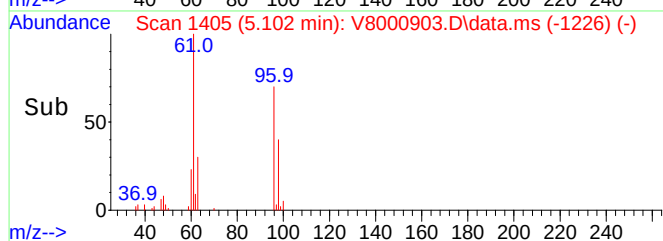
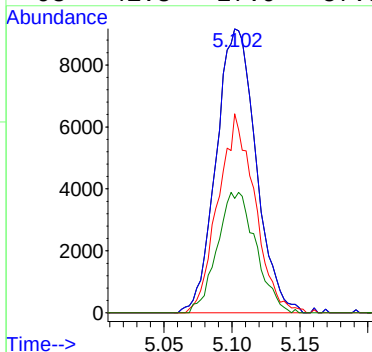
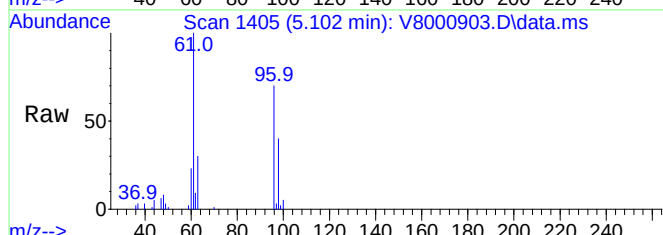
Tgt Ion:	63	Resp:	11902
Ion Ratio	Lower	Upper	
63	100		
63	100.0	65.0	135.0
65	30.8	19.4	40.2
83	6.0	6.9	20.7#





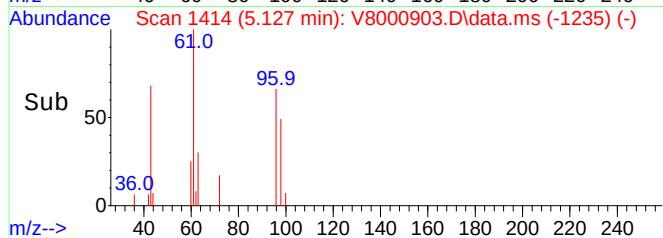
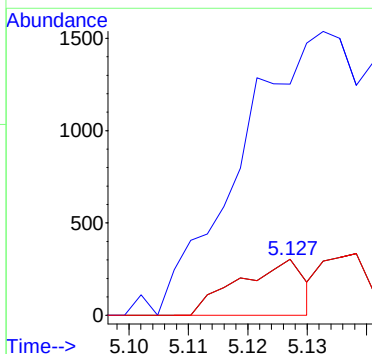
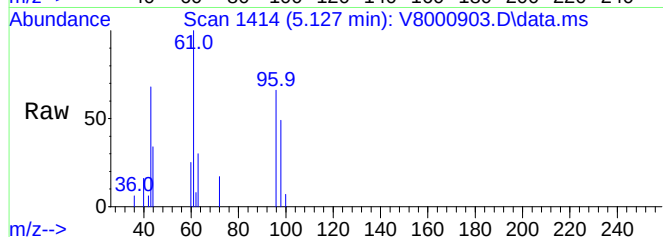
#25
cis-1,2-Dichloroethylene
Concen: 0.85 ppb
RT: 5.102 min Scan# 1405
Delta R.T. 0.000 min
Lab File: V8000903.D
Acq: 6 May 2016 10:20 pm

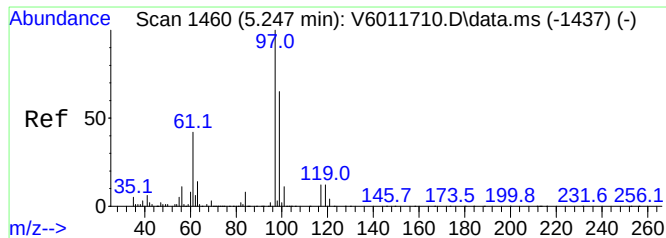
Tgt Ion: 61 Resp: 18660
Ion Ratio Lower Upper
61 100
61 100.0 65.0 135.0
96 64.8 48.0 99.6
98 41.3 27.9 57.9



#26
2-Butanone
Concen: Below Cal
RT: 5.127 min Scan# 1414
Delta R.T. -0.001 min
Lab File: V8000903.D
Acq: 6 May 2016 10:20 pm

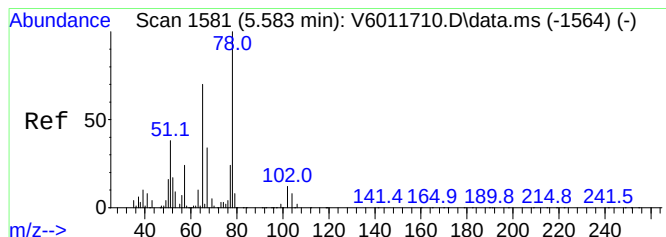
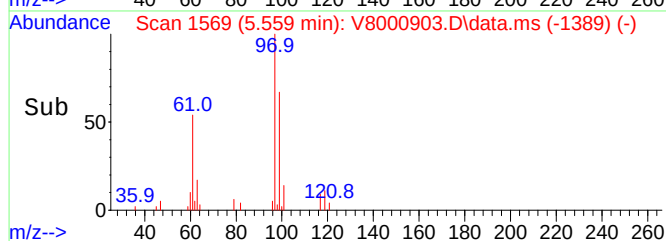
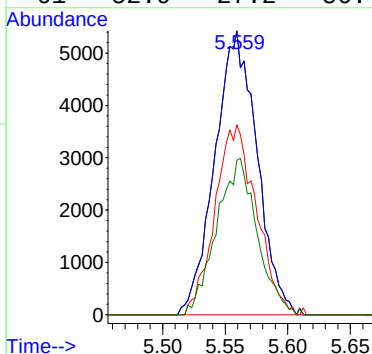
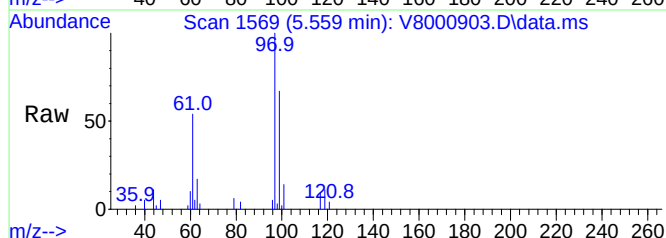
Tgt Ion: 72 Resp: 231
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0





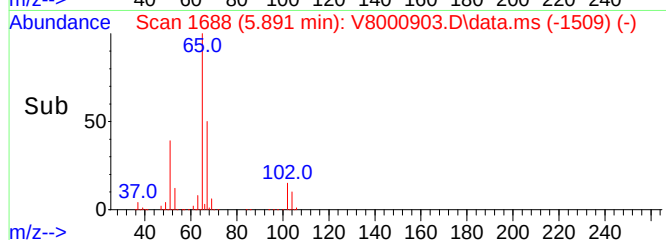
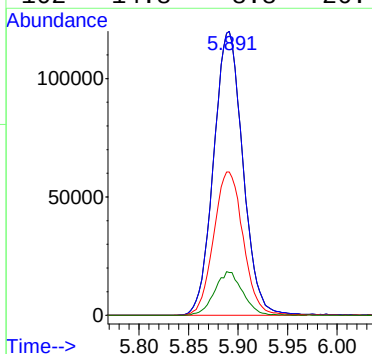
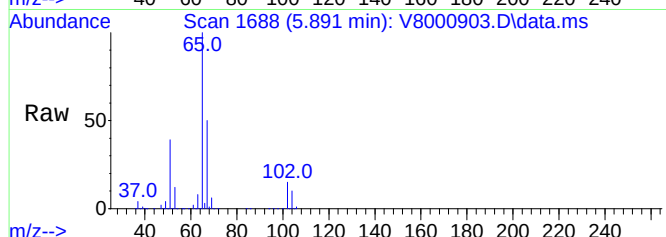
#31
 1,1,1-Trichloroethane
 Concen: 0.59 ppb
 RT: 5.559 min Scan# 1569
 Delta R.T. 0.001 min
 Lab File: V8000903.D
 Acq: 6 May 2016 10:20 pm

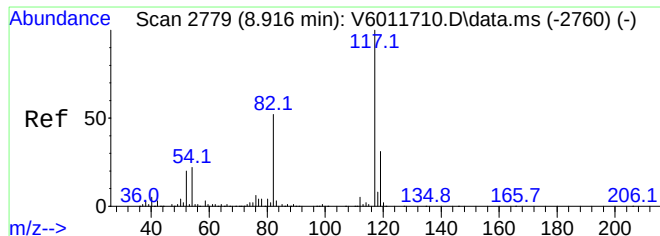
Tgt Ion: 97 Resp: 12719
 Ion Ratio Lower Upper
 97 100
 97 100.0 65.0 135.0
 99 65.6 42.5 88.3
 61 52.9 27.2 56.4



#34
 d4-1,2-Dichloroethane (SURR)
 Concen: 11.26 ppb
 RT: 5.891 min Scan# 1688
 Delta R.T. 0.000 min
 Lab File: V8000903.D
 Acq: 6 May 2016 10:20 pm

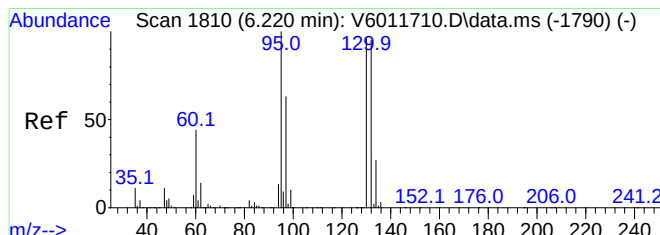
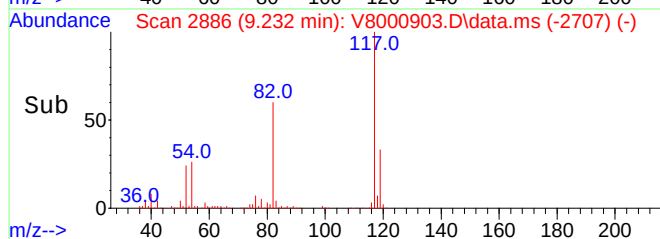
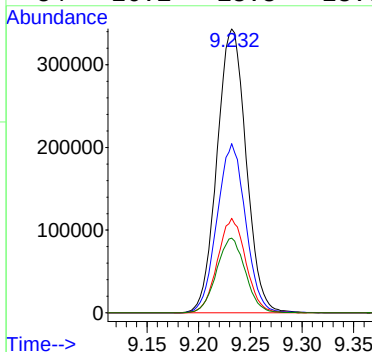
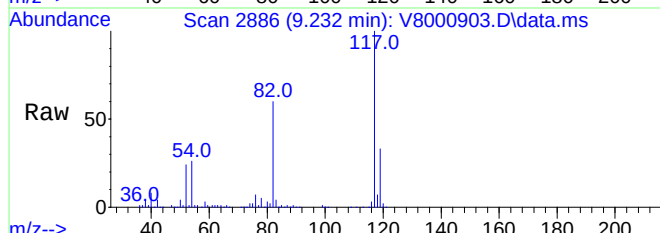
Tgt Ion: 65 Resp: 246163
 Ion Ratio Lower Upper
 65 100
 65 100.0 65.0 135.0
 67 51.0 31.3 65.1
 102 14.8 8.8 26.4





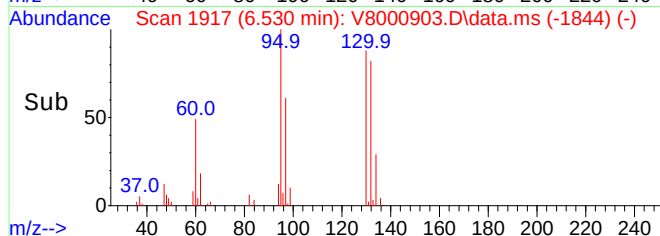
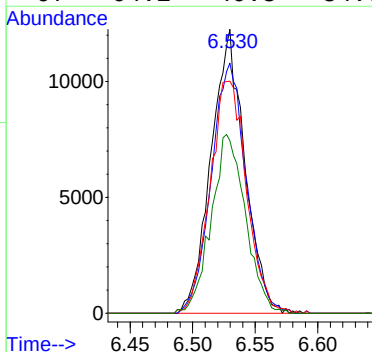
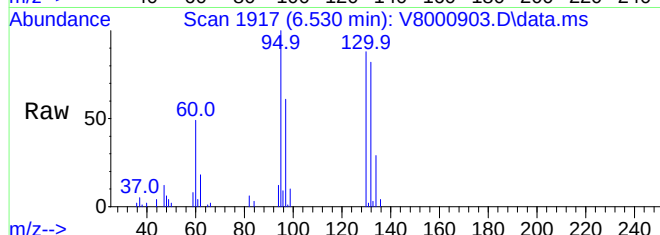
#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. 0.000 min
 Lab File: V8000903.D
 Acq: 6 May 2016 10:20 pm

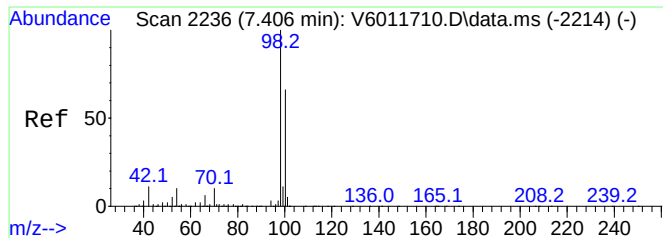
Tgt Ion:	117	Resp:	674094
Ion	Ratio	Lower	Upper
117	100		
82	58.6	34.0	70.6
119	32.4	21.5	44.7
54	26.1	13.8	28.6



#41
 Trichloroethylene
 Concen: 1.95 ppb
 RT: 6.530 min Scan# 1917
 Delta R.T. 0.002 min
 Lab File: V8000903.D
 Acq: 6 May 2016 10:20 pm

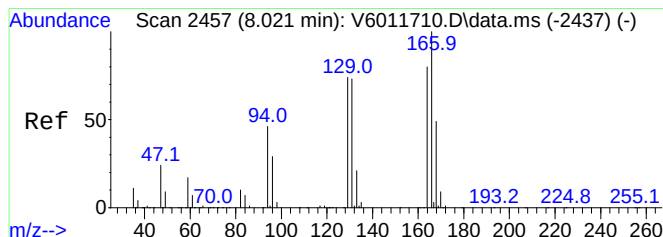
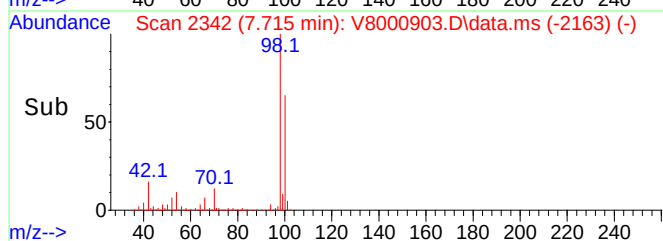
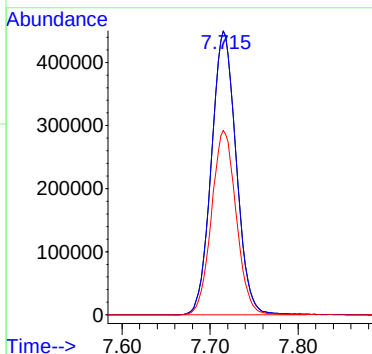
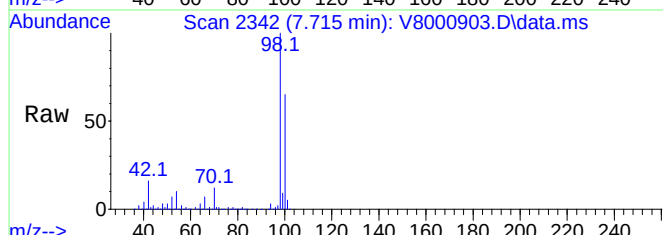
Tgt Ion:	95	Resp:	22944
Ion	Ratio	Lower	Upper
95	100		
130	91.8	62.6	130.0
132	88.9	62.0	128.8
97	64.2	40.8	84.6





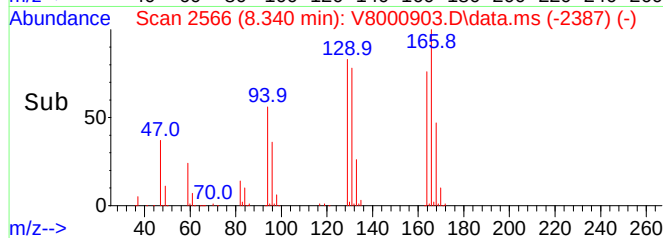
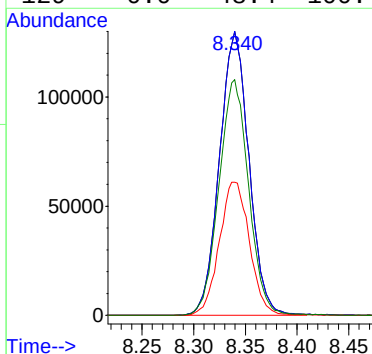
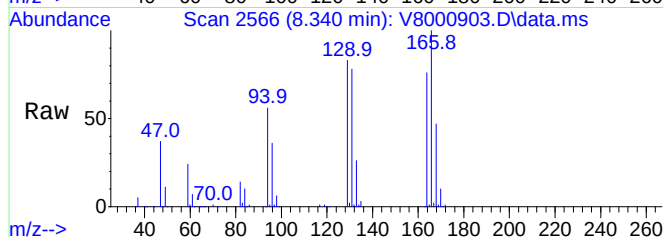
#51
Toluene-d8 (SURRE)
Concen: 10.71 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000903.D
Acq: 6 May 2016 10:20 pm

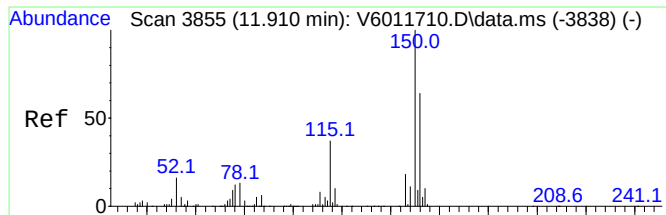
Tgt Ion: 98 Resp: 879215
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 64.8 42.8 89.0



#56
Tetrachloroethylene
Concen: 19.81 ppb
RT: 8.340 min Scan# 2566
Delta R.T. 0.000 min
Lab File: V8000903.D
Acq: 6 May 2016 10:20 pm

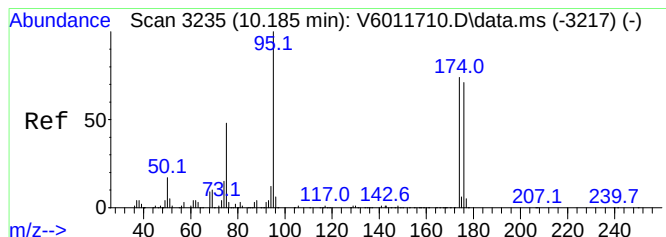
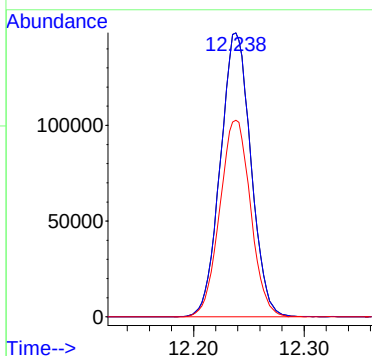
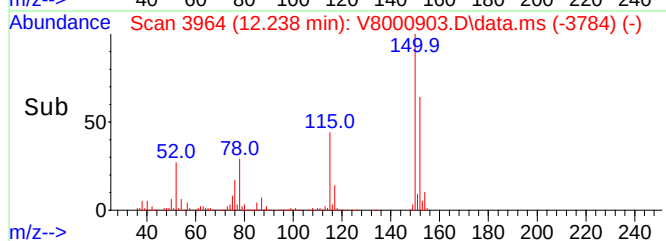
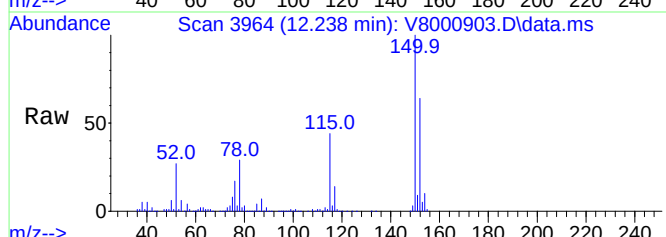
Tgt Ion: 166 Resp: 257388
Ion Ratio Lower Upper
166 100
166 100.0 65.0 135.0
168 48.1 31.8 66.0
129 0.0 48.4 100.4#





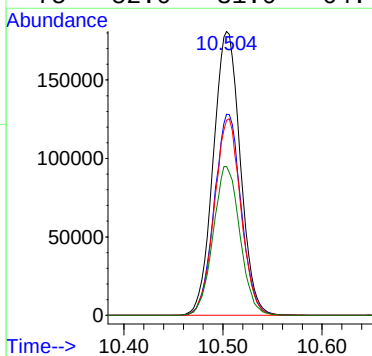
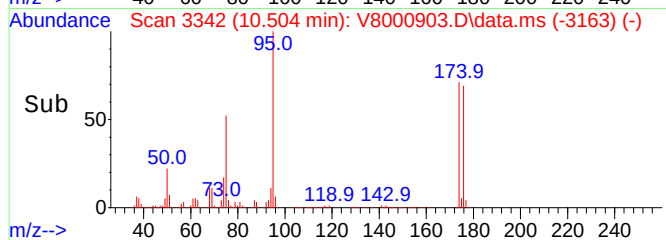
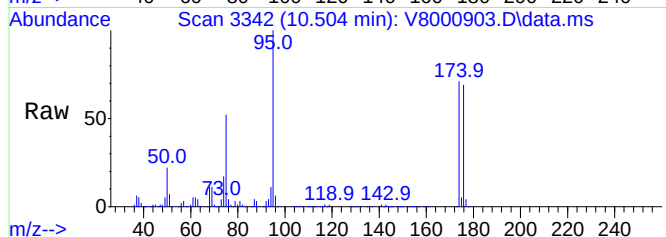
#67
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 12.238 min Scan# 3964
 Delta R.T. 0.001 min
 Lab File: V8000903.D
 Acq: 6 May 2016 10:20 pm

Tgt Ion: 152 Resp: 283971
 Ion Ratio Lower Upper
 152 100
 152 100.0 50.0 150.0
 115 70.0 31.5 94.5



#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.47 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. 0.000 min
 Lab File: V8000903.D
 Acq: 6 May 2016 10:20 pm

Tgt Ion: 95 Resp: 342954
 Ion Ratio Lower Upper
 95 100
 174 70.5 47.8 99.4
 176 67.9 46.3 96.1
 75 52.0 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

4B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-13 File ID: V8000904.D
 Sampled: 04/27/16 12:55 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 22:45
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	2.6	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.37	J
75-35-4	1,1-Dichloroethylene	1	0.43	J
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

4B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-13 File ID: V8000904.D
 Sampled: 04/27/16 12:55 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 22:45
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	8.1	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	52	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.29	J
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	18	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.0	110	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000904.D
 Acq On : 6 May 2016 10:45 pm
 Operator : BK
 Sample : 16E0003-13
 Misc : V8050616B 8260 LOW A
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 09 12:37:09 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

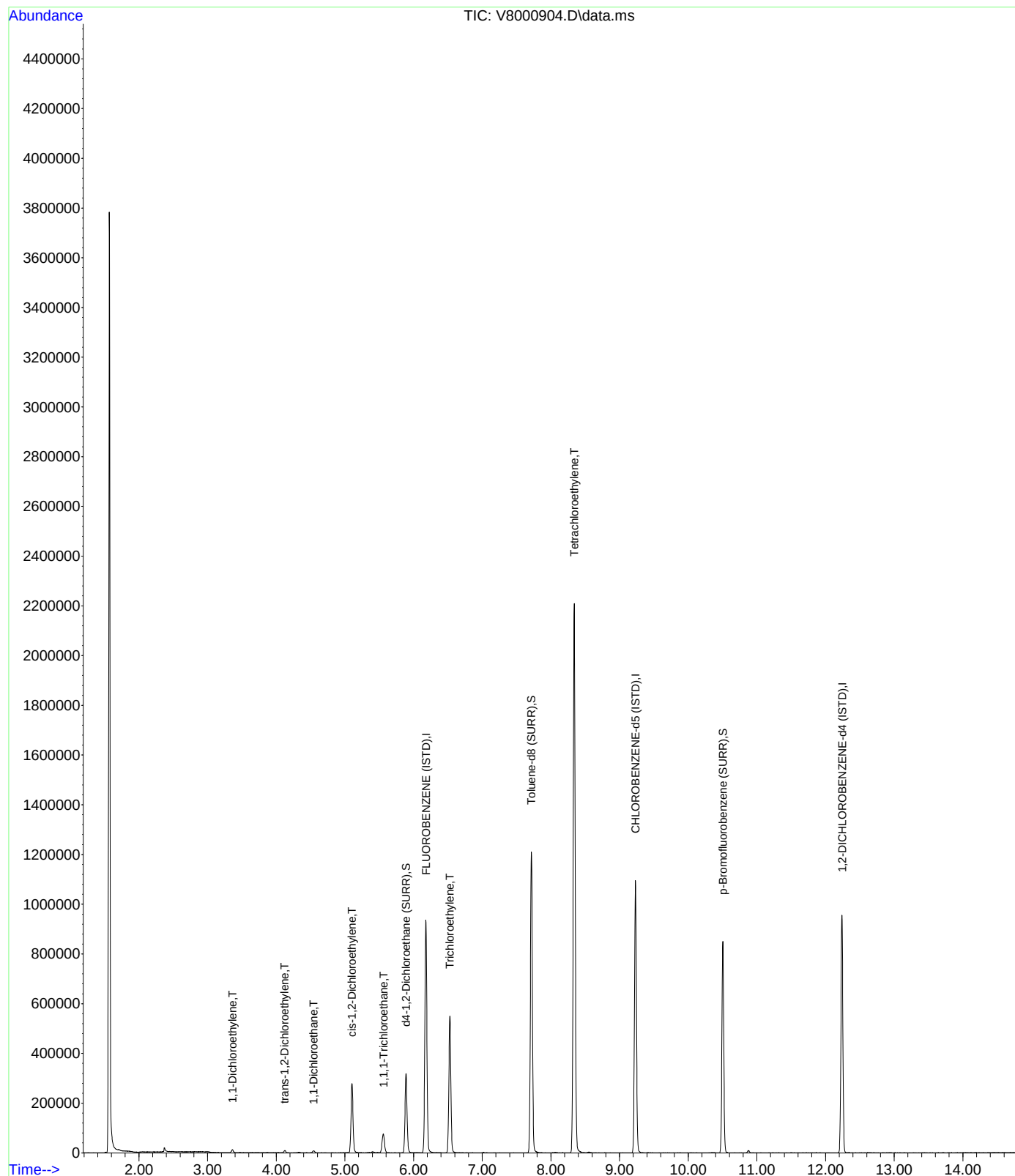
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

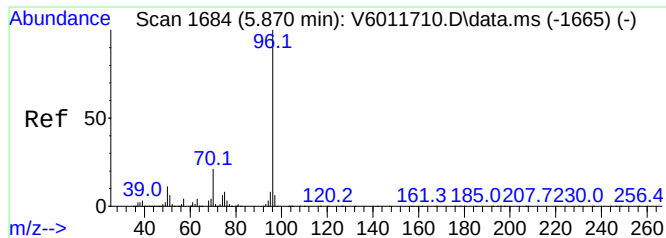
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	185100	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	665082	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.241	152	277200	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.889	65	242891	10.96	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	109.60%	
51) Toluene-d8 (SURR)	7.715	98	878331	10.84	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	108.40%	
70) p-Bromofluorobenzene (...)	10.504	95	342289	11.73	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	117.30%	
Target Compounds						
10) 1,1-Dichloroethylene	3.362	61	8376	0.43	ppb	Qvalue # 96
12) Acetone	3.479	43	721	Below	Cal	98
13) Iodomethane	3.541	142	239	Below	Cal	97
17) Methylene Chloride	3.872	49	376	Below	Cal	# 82
19) trans-1,2-Dichloroethy...	4.121	61	5488	0.29	ppb	97
21) 1,1-Dichloroethane	4.544	63	8785	0.37	ppb	# 85
25) cis-1,2-Dichloroethylene	5.102	61	180494	8.12	ppb	96
26) 2-Butanone	5.122	72	405	Below	Cal	# 1
31) 1,1,1-Trichloroethane	5.562	97	58143	2.65	ppb	97
41) Trichloroethylene	6.527	95	204556	17.64	ppb	94
56) Tetrachloroethylene	8.340	166	664477	51.82	ppb	# 70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000904.D
Acq On : 6 May 2016 10:45 pm
Operator : BK
Sample : 16E0003-13
Misc : V8050616B 8260 LOW A
ALS Vial : 34 Sample Multiplier: 1

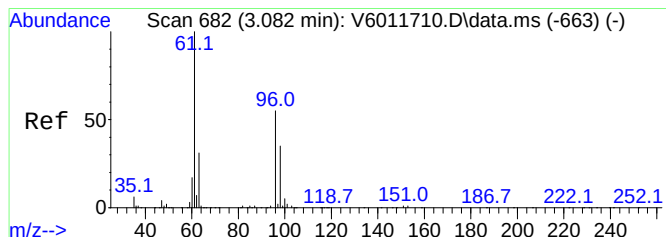
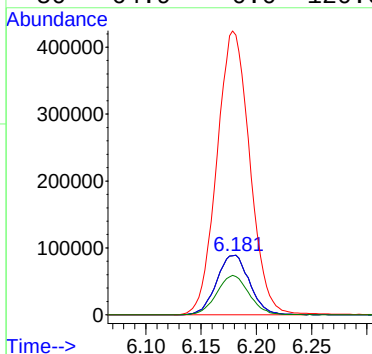
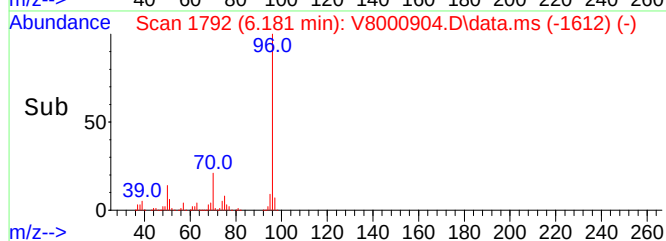
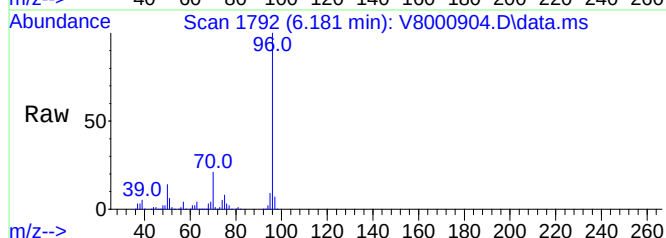
Quant Time: May 09 12:37:09 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
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QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





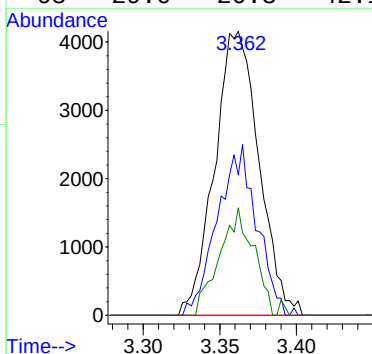
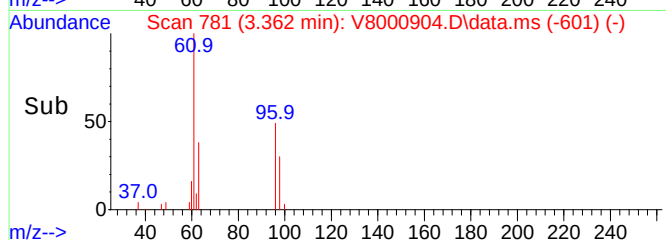
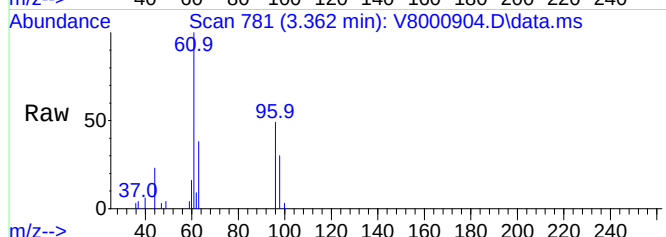
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.181 min Scan# 1792
 Delta R.T. 0.001 min
 Lab File: V8000904.D
 Acq: 6 May 2016 10:45 pm

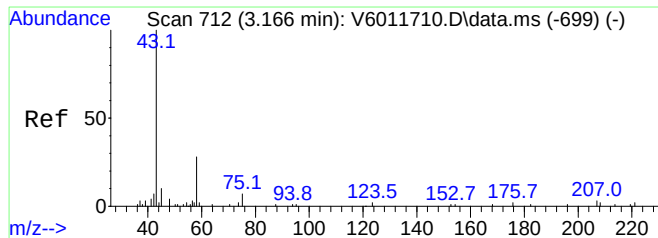
Tgt Ion: 70 Resp: 185100
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 475.8 343.3 713.1
 50 64.9 0.0 120.6



#10
 1,1-Dichloroethylene
 Concen: 0.43 ppb
 RT: 3.362 min Scan# 781
 Delta R.T. 0.001 min
 Lab File: V8000904.D
 Acq: 6 May 2016 10:45 pm

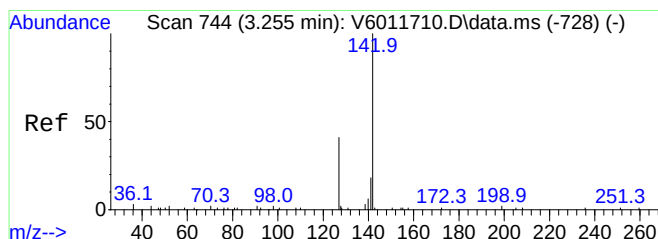
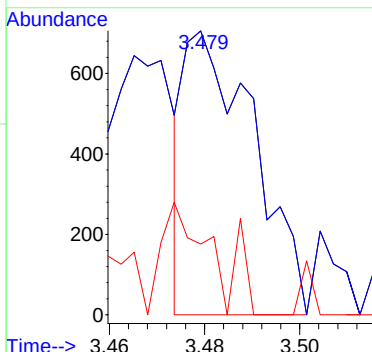
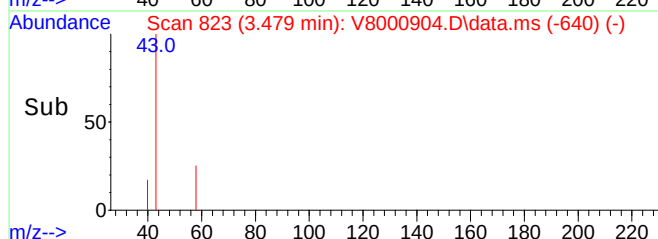
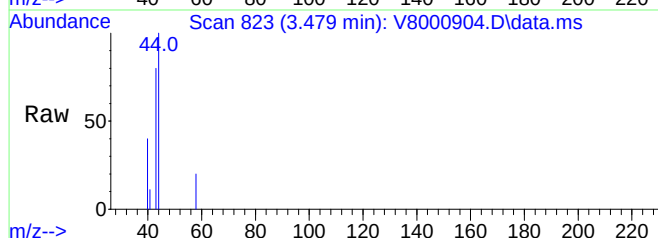
Tgt Ion: 61 Resp: 8376
 Ion Ratio Lower Upper
 61 100
 96 53.0 36.0 74.8
 101 0.0 1.3 2.7#
 63 29.0 20.3 42.1





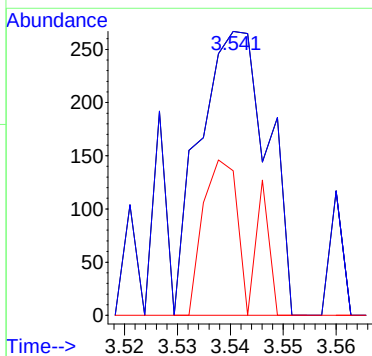
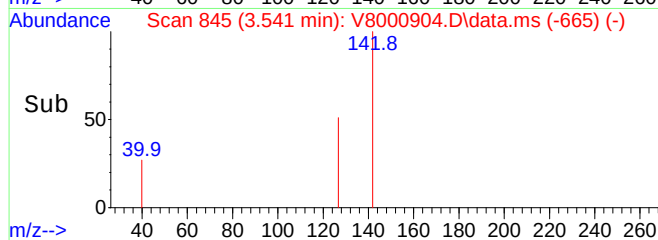
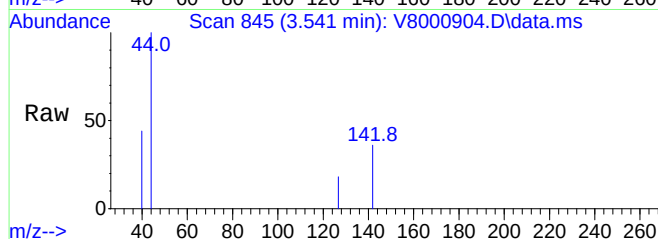
#12
Acetone
Concen: Below Cal
RT: 3.479 min Scan# 823
Delta R.T. 0.010 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

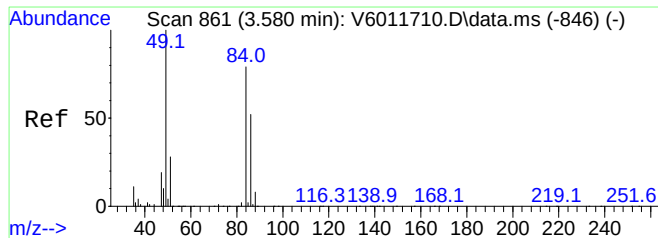
Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
43 100.0 80.0 120.0
58 23.7 13.9 41.6



#13
Iodomethane
Concen: Below Cal
RT: 3.541 min Scan# 845
Delta R.T. 0.001 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

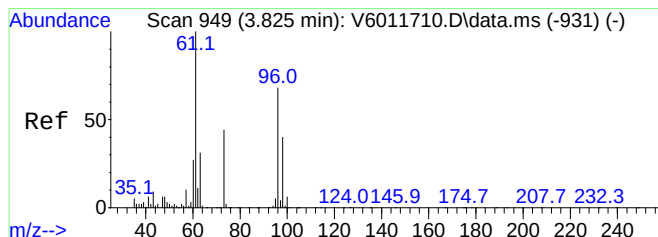
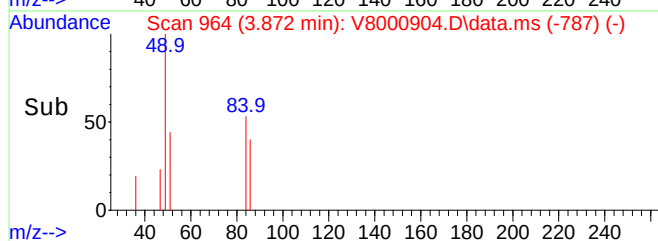
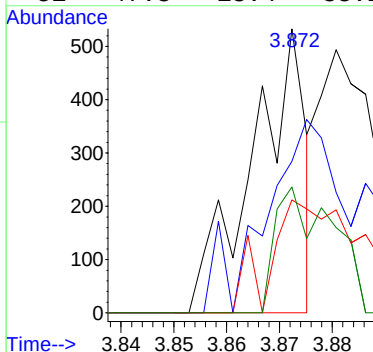
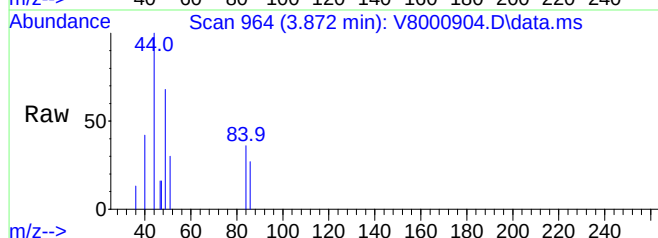
Tgt Ion: 142 Resp: 239
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 36.0 20.8 62.2





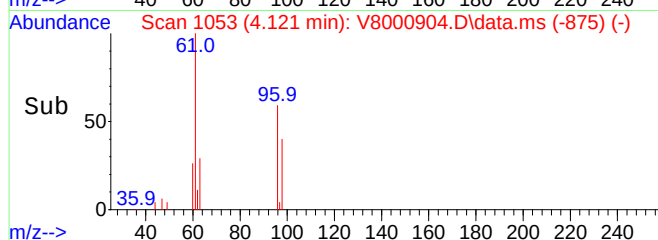
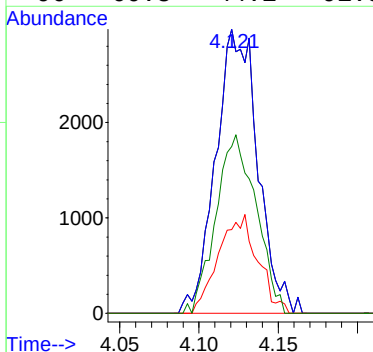
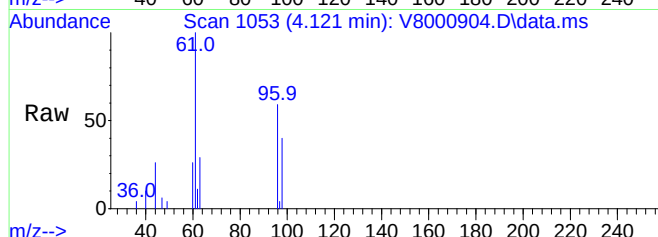
#17
Methylene Chloride
Concen: Below Cal
RT: 3.872 min Scan# 964
Delta R.T. -0.005 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

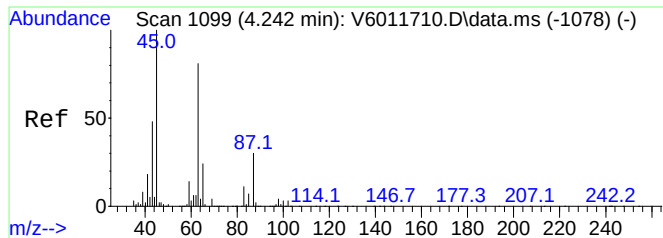
Tgt Ion: 49 Resp: 376
Ion Ratio Lower Upper
49 100
84 85.1 51.5 107.1
86 69.4 34.1 70.7
51 47.3 18.4 38.2#



#19
trans-1,2-Dichloroethylene
Concen: 0.29 ppb
RT: 4.121 min Scan# 1053
Delta R.T. -0.005 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

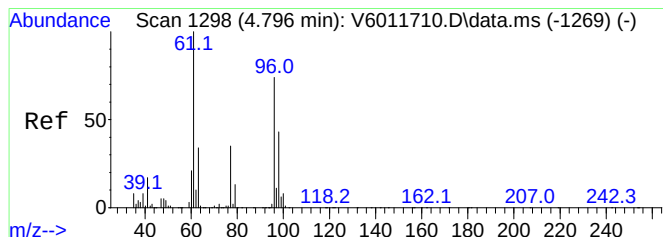
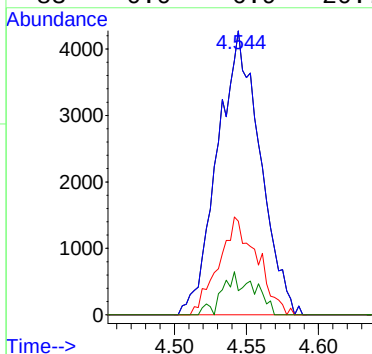
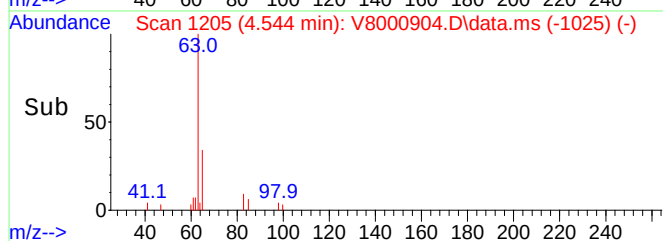
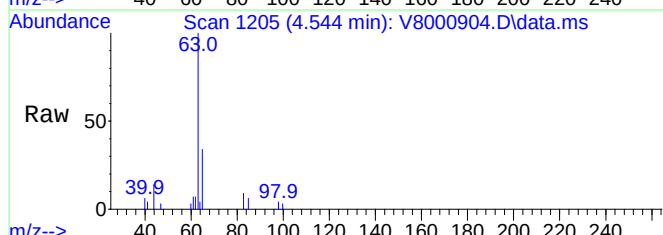
Tgt Ion: 61 Resp: 5488
Ion Ratio Lower Upper
61 100
61 100.0 65.0 135.0
63 32.4 20.4 42.4
96 60.3 44.1 91.5





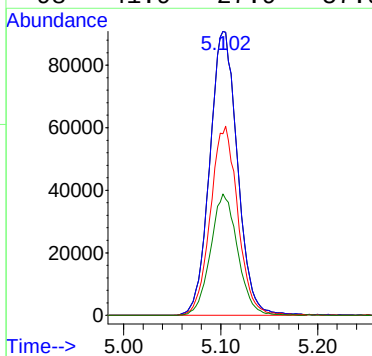
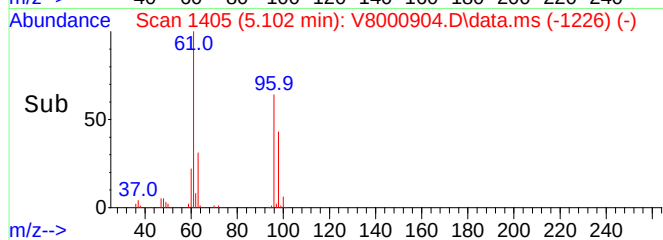
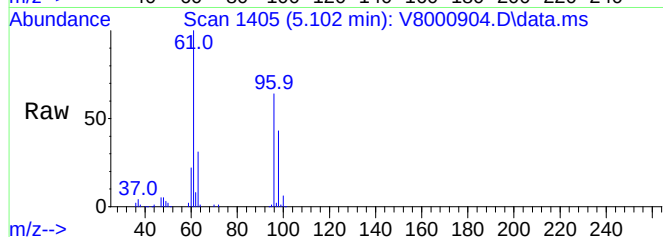
#21
1,1-Dichloroethane
Concen: 0.37 ppb
RT: 4.544 min Scan# 1205
Delta R.T. 0.001 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

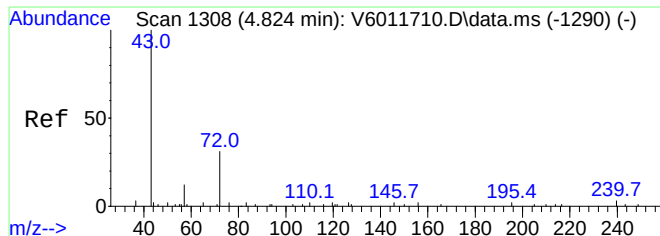
Tgt Ion: 63 Resp: 8785
Ion Ratio Lower Upper
63 100
63 100.0 65.0 135.0
65 0.0 19.4 40.2#
83 0.0 6.9 20.7#



#25
cis-1,2-Dichloroethylene
Concen: 8.12 ppb
RT: 5.102 min Scan# 1405
Delta R.T. 0.000 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

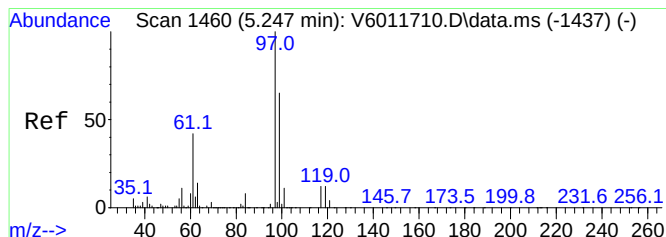
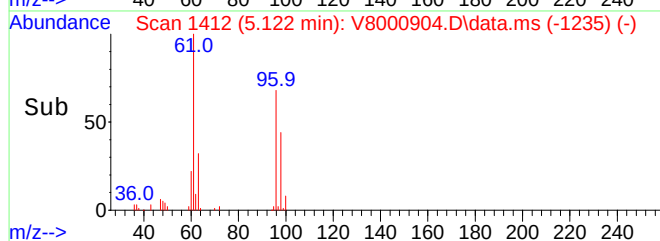
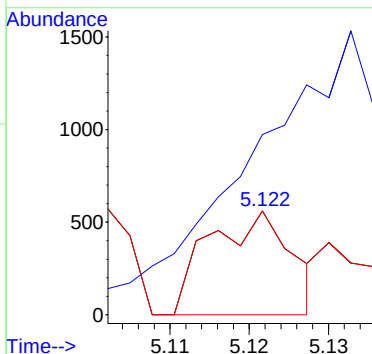
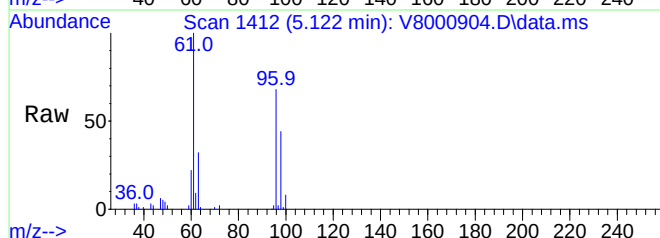
Tgt Ion: 61 Resp: 180494
Ion Ratio Lower Upper
61 100
61 100.0 65.0 135.0
96 65.9 48.0 99.6
98 41.9 27.9 57.9





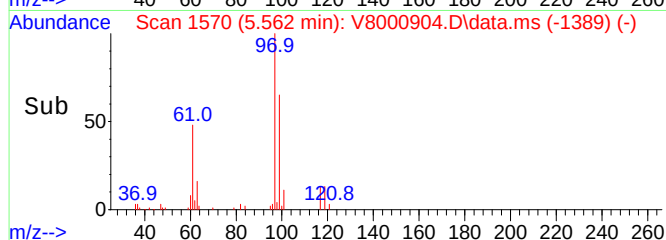
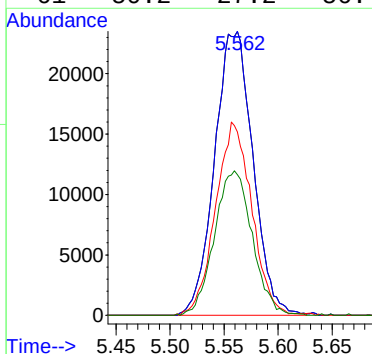
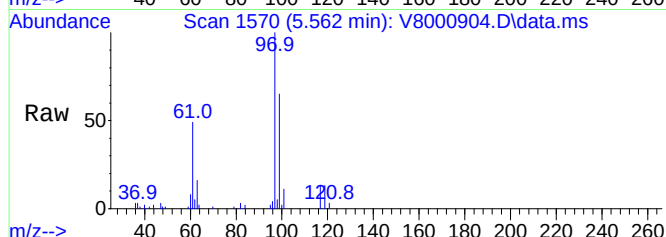
#26
2-Butanone
Concen: Below Cal
RT: 5.122 min Scan# 1412
Delta R.T. -0.007 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

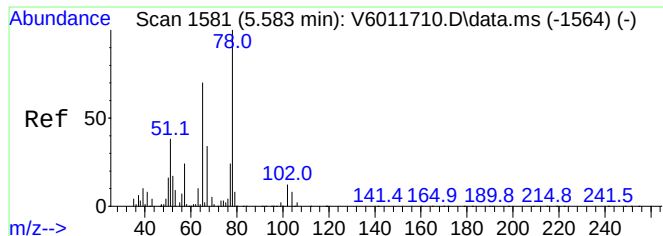
Tgt Ion: 72 Resp: 405
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0



#31
1,1,1-Trichloroethane
Concen: 2.65 ppb
RT: 5.562 min Scan# 1570
Delta R.T. 0.004 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

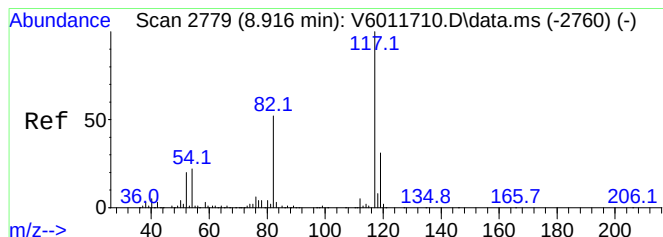
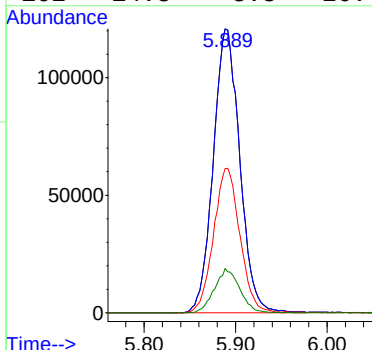
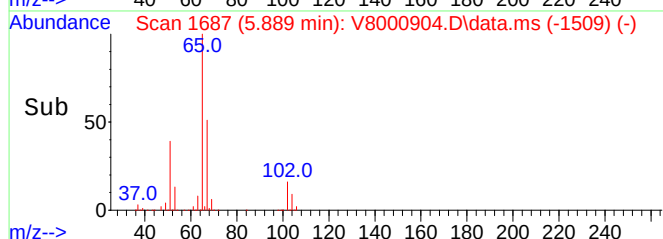
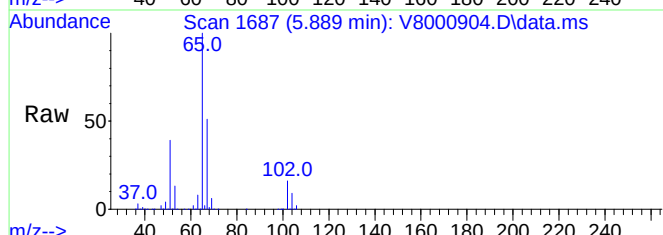
Tgt Ion: 97 Resp: 58143
Ion Ratio Lower Upper
97 100
97 100.0 65.0 135.0
99 64.2 42.5 88.3
61 50.2 27.2 56.4





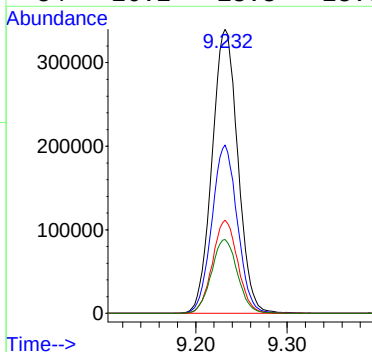
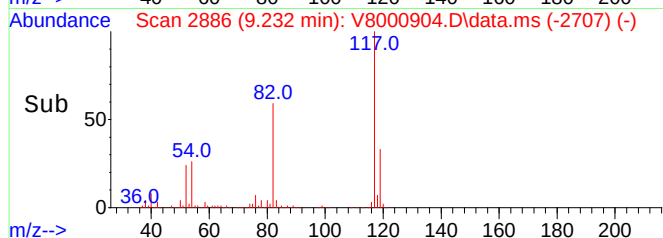
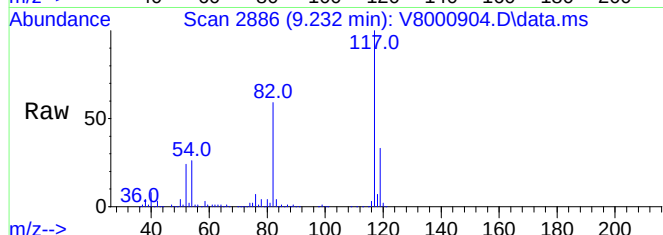
#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.96 ppb
RT: 5.889 min Scan# 1687
Delta R.T. -0.002 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

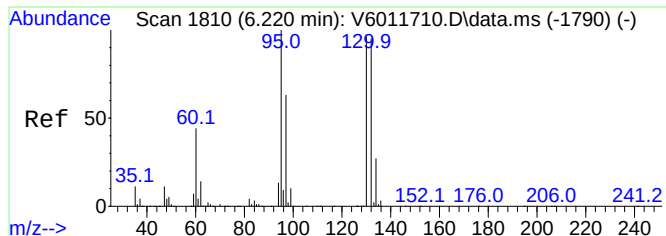
Tgt Ion: 65 Resp: 242891
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 50.5 31.3 65.1
102 14.8 8.8 26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

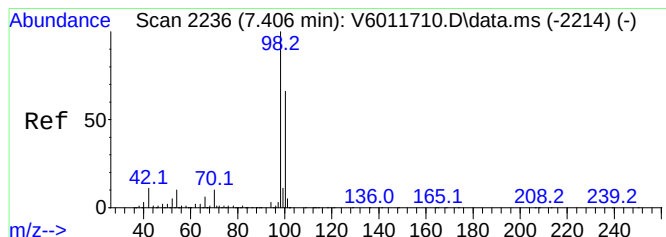
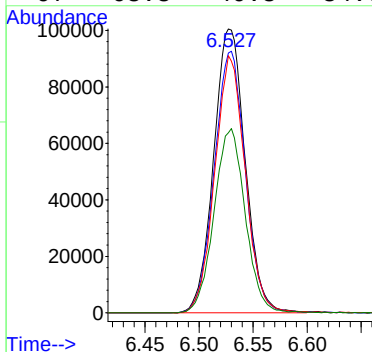
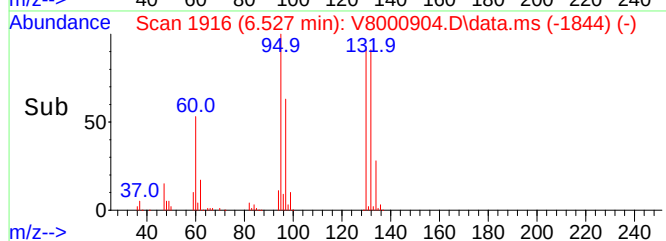
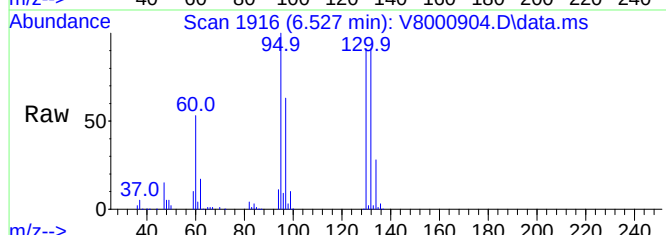
Tgt Ion: 117 Resp: 665082
Ion Ratio Lower Upper
117 100
82 58.7 34.0 70.6
119 32.3 21.5 44.7
54 26.2 13.8 28.6





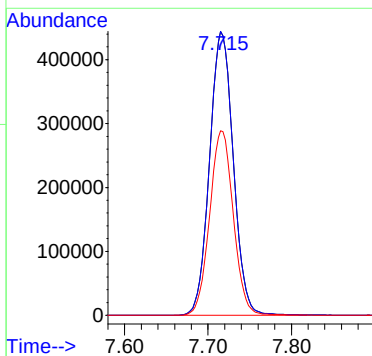
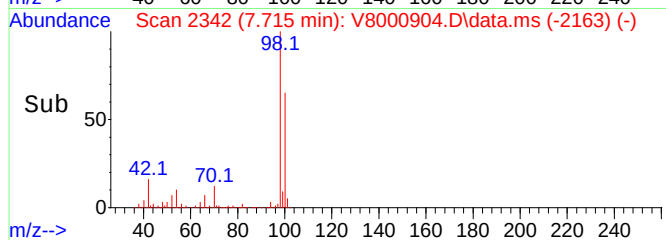
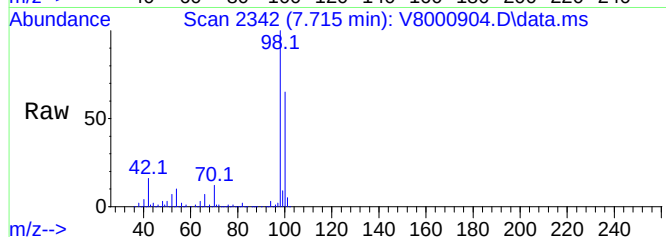
#41
 Trichloroethylene
 Concen: 17.64 ppb
 RT: 6.527 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: V8000904.D
 Acq: 6 May 2016 10:45 pm

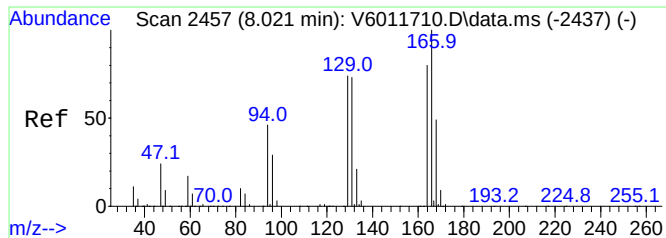
Tgt Ion:	95	Resp:	204556
Ion Ratio	Lower	Upper	
95	100		
130	90.9	62.6	130.0
132	87.4	62.0	128.8
97	63.8	40.8	84.6



#51
 Toluene-d8 (SURR)
 Concen: 10.84 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000904.D
 Acq: 6 May 2016 10:45 pm

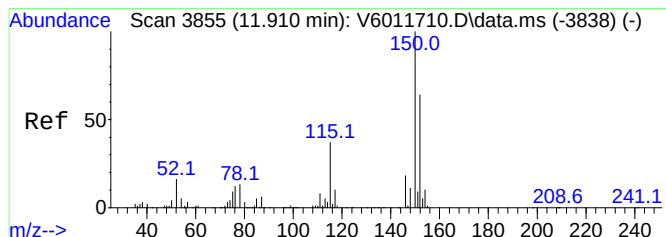
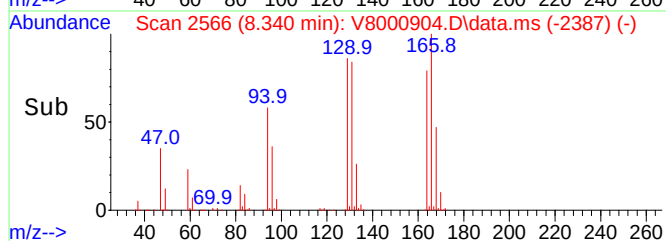
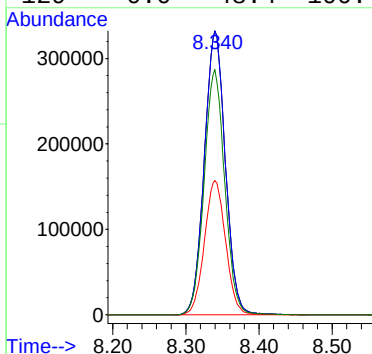
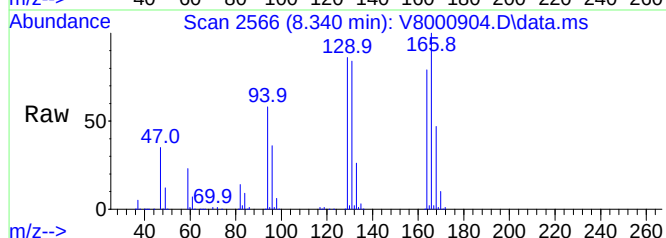
Tgt Ion:	98	Resp:	878331
Ion Ratio	Lower	Upper	
98	100		
98	100.0	65.0	135.0
100	64.7	42.8	89.0





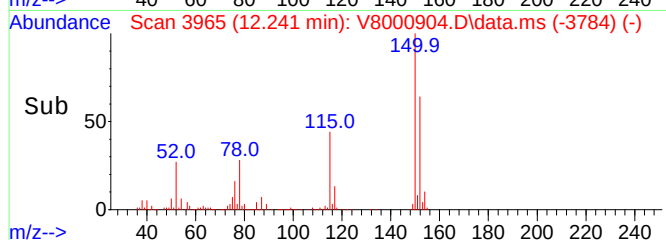
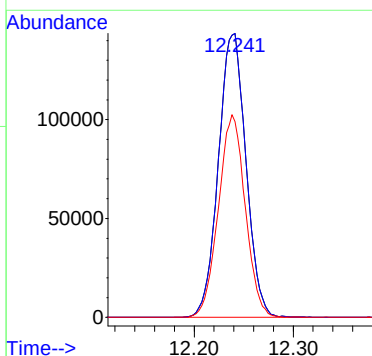
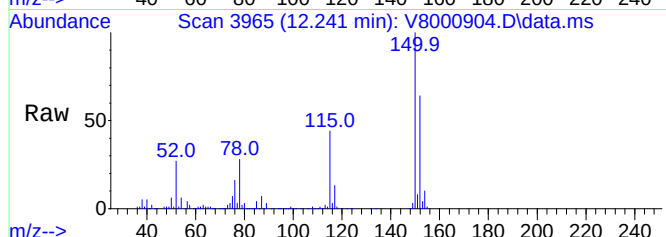
#56
Tetrachloroethylene
Concen: 51.82 ppb
RT: 8.340 min Scan# 2566
Delta R.T. 0.000 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

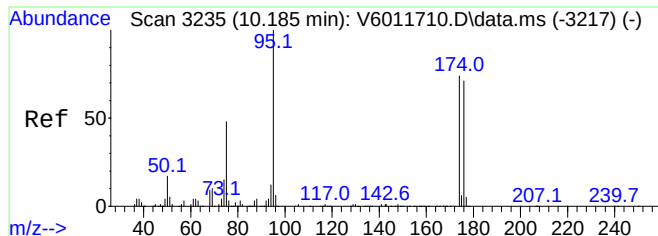
Tgt Ion	Ratio	Lower	Upper
166	100		
166	100.0	65.0	135.0
168	47.6	31.8	66.0
129	0.0	48.4	100.4#



#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.241 min Scan# 3965
Delta R.T. 0.004 min
Lab File: V8000904.D
Acq: 6 May 2016 10:45 pm

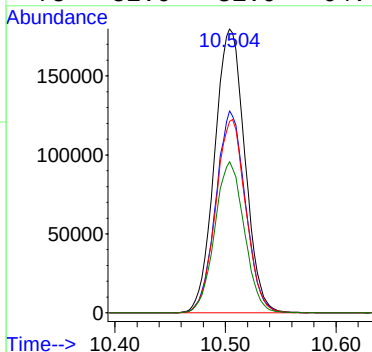
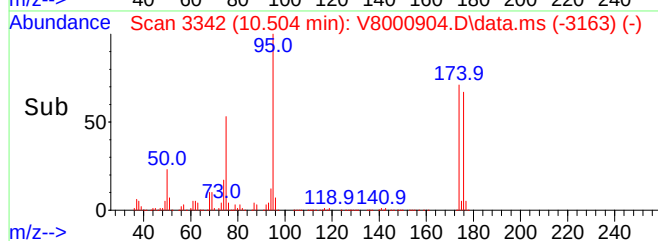
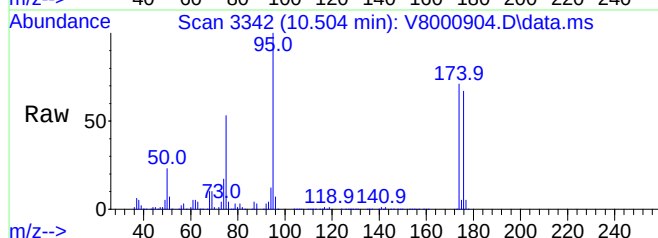
Tgt Ion	Ratio	Lower	Upper
152	100		
152	100.0	50.0	150.0
115	69.6	31.5	94.5





#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.73 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. 0.000 min
 Lab File: V8000904.D
 Acq: 6 May 2016 10:45 pm

Tgt Ion: 95 Resp: 342289
 Ion Ratio Lower Upper
 95 100
 174 69.6 47.8 99.4
 176 67.3 46.3 96.1
 75 52.0 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

4C

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-14 File ID: V8000905.D
 Sampled: 04/27/16 13:35 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 23:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.75	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	2.1	
75-35-4	1,1-Dichloroethylene	1	1.2	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

4C

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-14 File ID: V8000905.D
 Sampled: 04/27/16 13:35 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 23:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.32	J
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.5	105	69 - 130	
Toluene-d8	10.0	10.9	109	81 - 117	
p-Bromofluorobenzene	10.0	11.8	118	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000905.D
 Acq On : 6 May 2016 11:11 pm
 Operator : BK
 Sample : 16E0003-14
 Misc : V8050616B 8260 LOW A
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: May 09 12:38:54 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

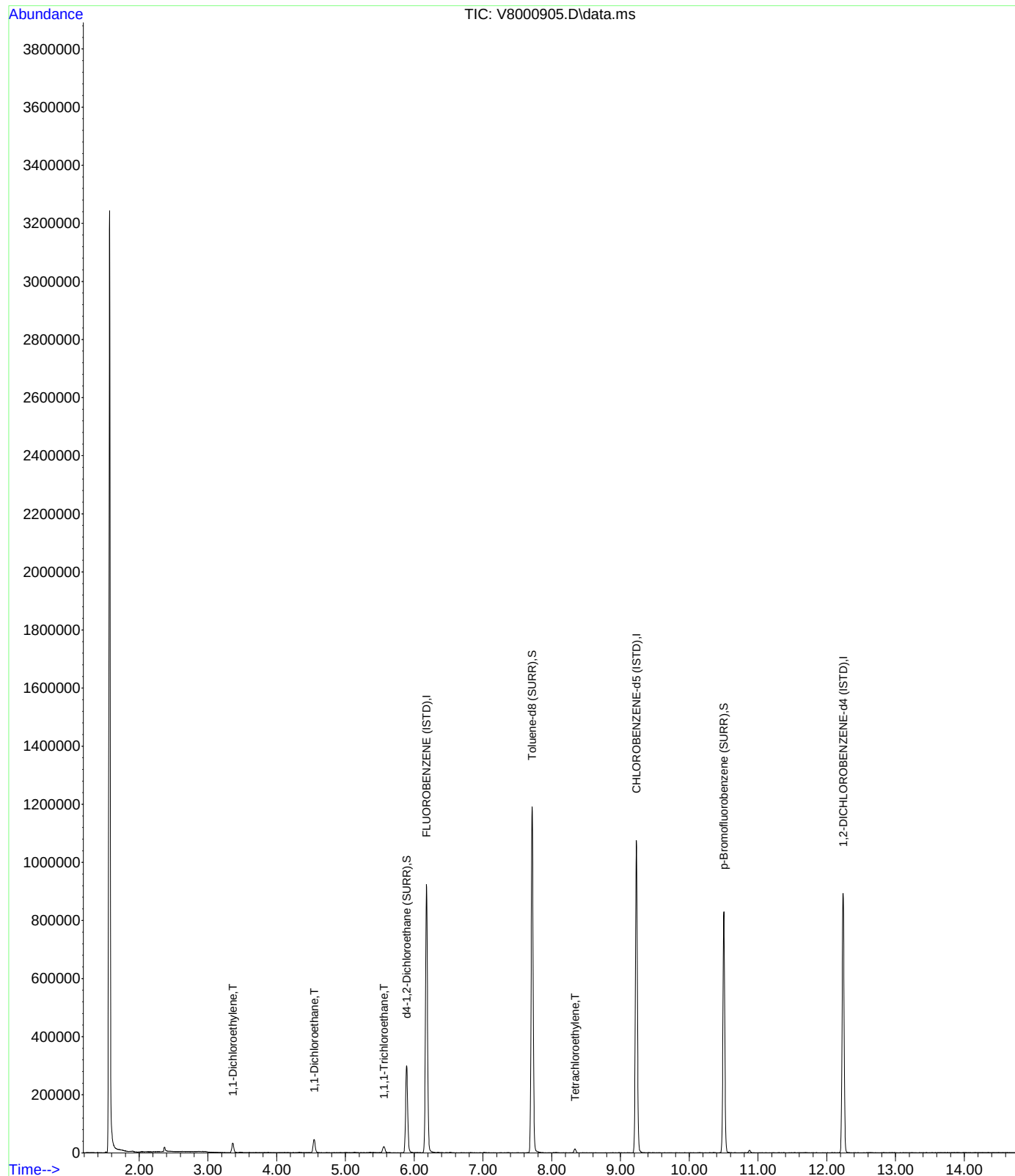
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

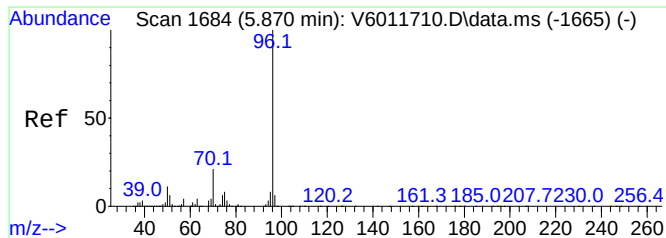
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	183146	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	651334	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	264791	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	231063	10.53	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	105.30%	
51) Toluene-d8 (SURR)	7.715	98	861581	10.86	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	108.60%	
70) p-Bromofluorobenzene (...)	10.501	95	328499	11.78	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	117.80%	
Target Compounds						
10) 1,1-Dichloroethylene	3.362	61	24158	1.24	ppb	# 97
12) Acetone	3.468	43	691	Below	Cal	# 98
13) Iodomethane	3.535	142	62	Below	Cal	# 81
17) Methylene Chloride	3.878	49	690	Below	Cal	# 65
21) 1,1-Dichloroethane	4.547	63	49826	2.12	ppb	# 96
26) 2-Butanone	5.130	72	154	Below	Cal	# 1
31) 1,1,1-Trichloroethane	5.559	97	16175	0.75	ppb	# 67
56) Tetrachloroethylene	8.337	166	3956	0.32	ppb	# 70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000905.D
Acq On : 6 May 2016 11:11 pm
Operator : BK
Sample : 16E0003-14
Misc : V8050616B 8260 LOW A
ALS Vial : 35 Sample Multiplier: 1

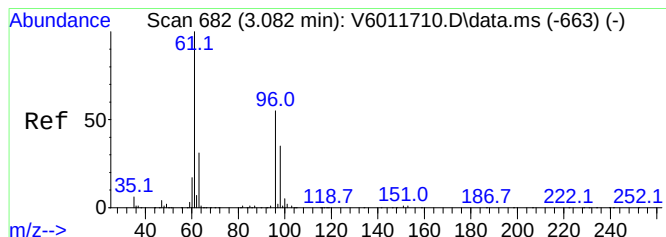
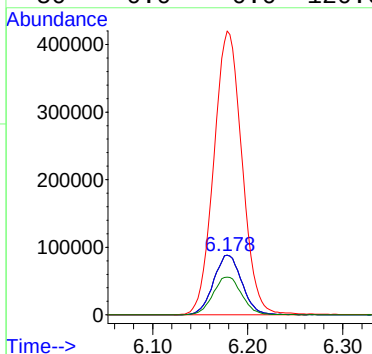
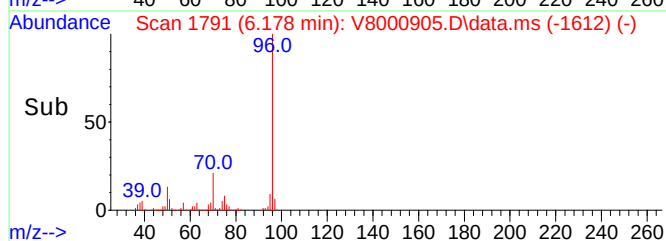
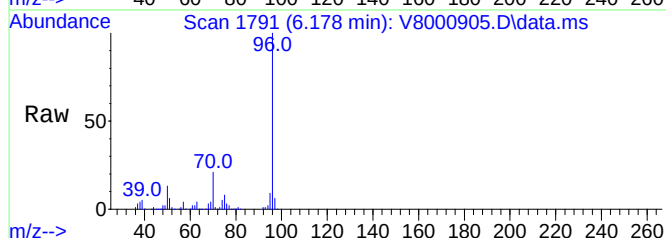
Quant Time: May 09 12:38:54 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





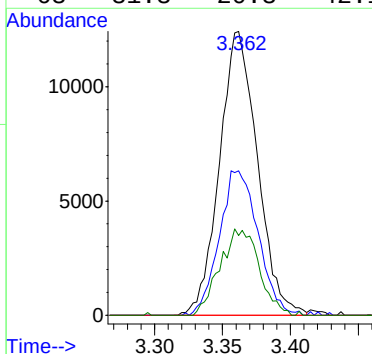
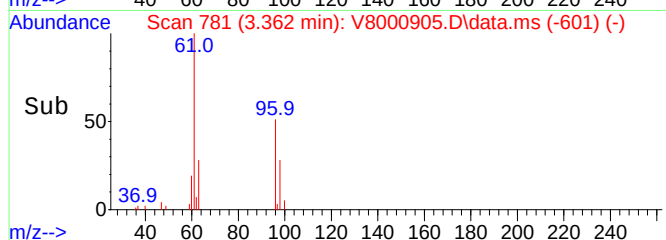
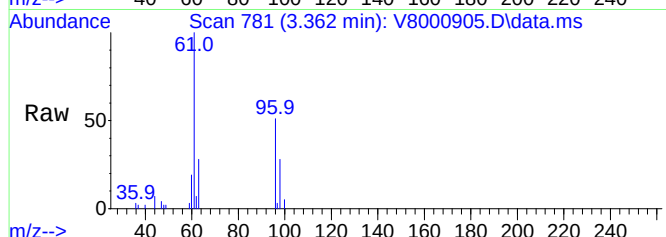
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000905.D
 Acq: 6 May 2016 11:11 pm

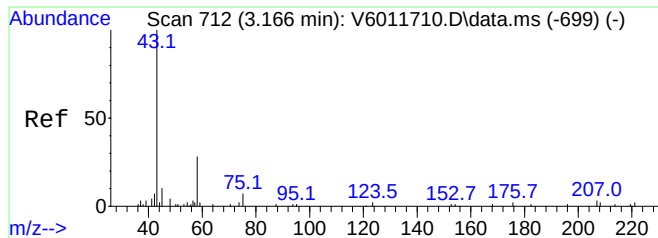
Tgt Ion: 70 Resp: 183146
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 474.4 343.3 713.1
 50 0.0 0.0 120.6



#10
 1,1-Dichloroethylene
 Concen: 1.24 ppb
 RT: 3.362 min Scan# 781
 Delta R.T. 0.001 min
 Lab File: V8000905.D
 Acq: 6 May 2016 11:11 pm

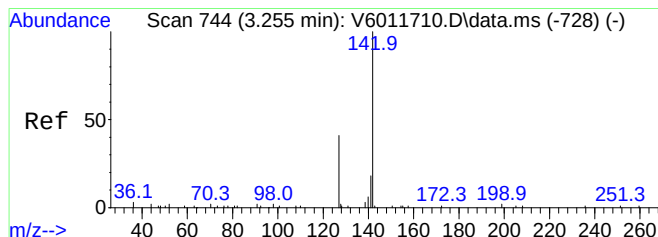
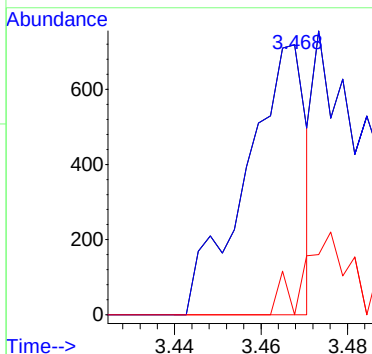
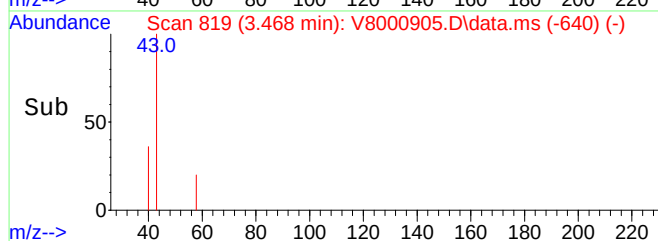
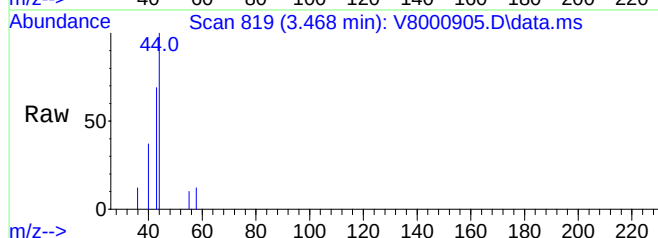
Tgt Ion: 61 Resp: 24158
 Ion Ratio Lower Upper
 61 100
 96 52.2 36.0 74.8
 101 0.0 1.3 2.7#
 63 31.3 20.3 42.1





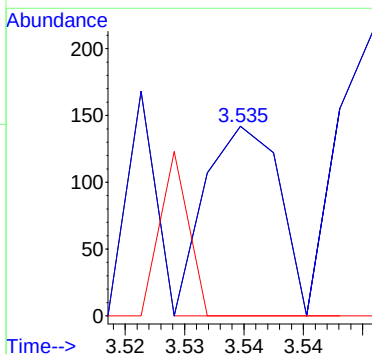
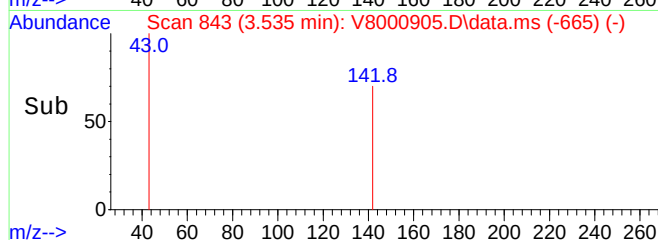
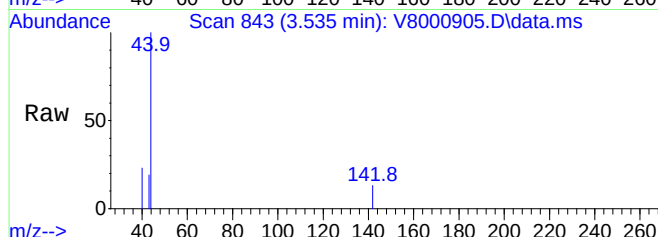
#12
Acetone
Concen: Below Cal
RT: 3.468 min Scan# 819
Delta R.T. -0.002 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

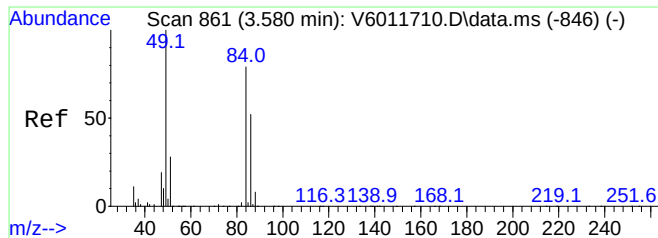
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
43 100.0 80.0 120.0
58 22.0 13.9 41.6



#13
Iodomethane
Concen: Below Cal
RT: 3.535 min Scan# 843
Delta R.T. -0.005 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

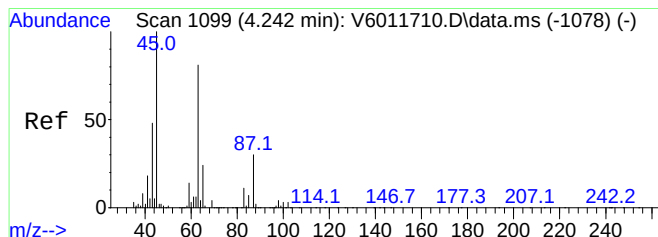
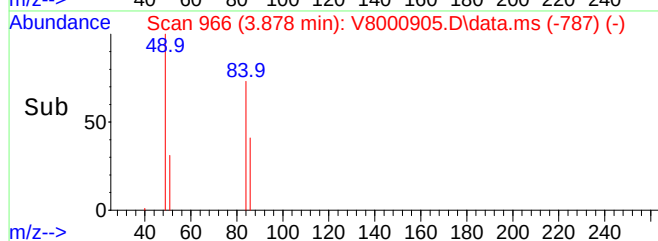
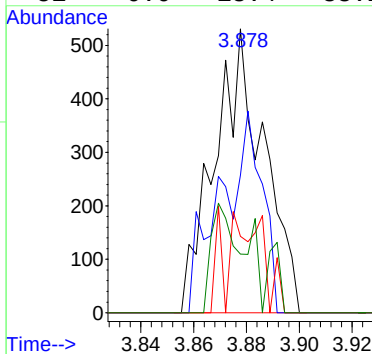
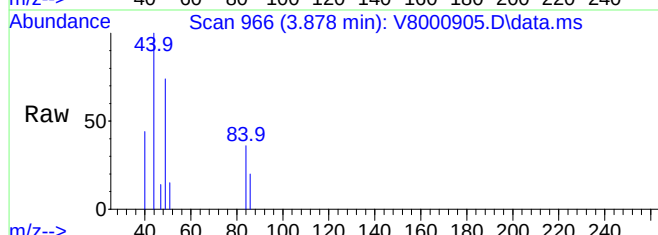
Tgt Ion: 142 Resp: 62
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#





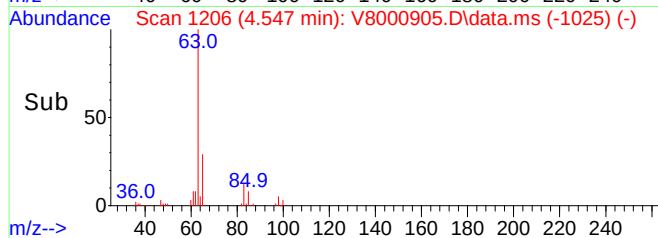
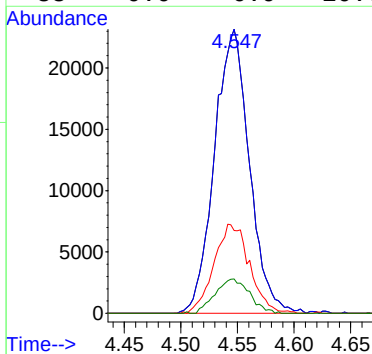
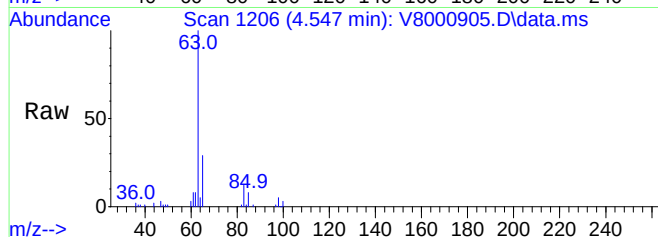
#17
Methylene Chloride
Concen: Below Cal
RT: 3.878 min Scan# 966
Delta R.T. 0.000 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

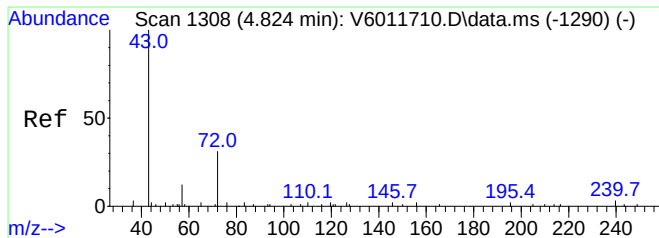
Tgt Ion: 49 Resp: 690
Ion Ratio Lower Upper
49 100
84 59.7 51.5 107.1
86 21.9 34.1 70.7#
51 0.0 18.4 38.2#



#21
1,1-Dichloroethane
Concen: 2.12 ppb
RT: 4.547 min Scan# 1206
Delta R.T. 0.003 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

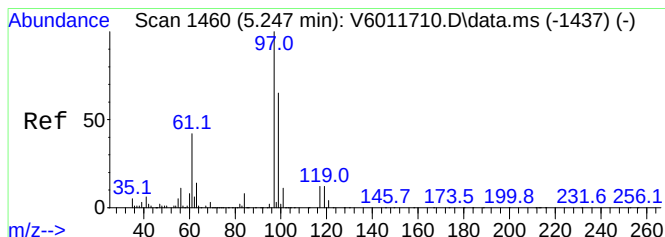
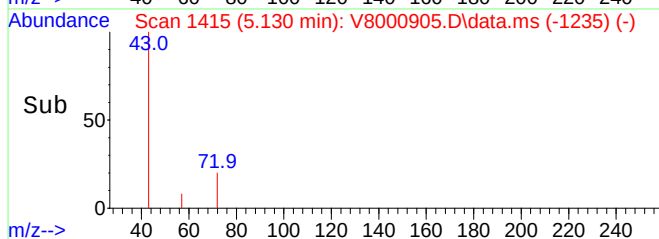
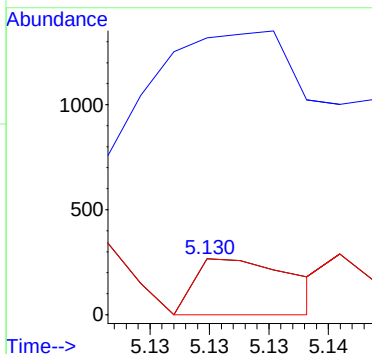
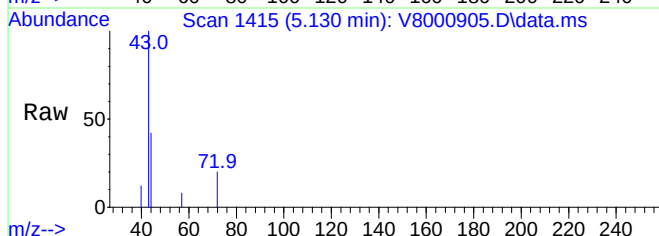
Tgt Ion: 63 Resp: 49826
Ion Ratio Lower Upper
63 100
63 100.0 65.0 135.0
65 31.9 19.4 40.2
83 0.0 6.9 20.7#





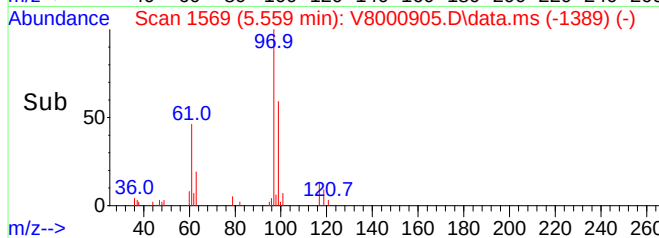
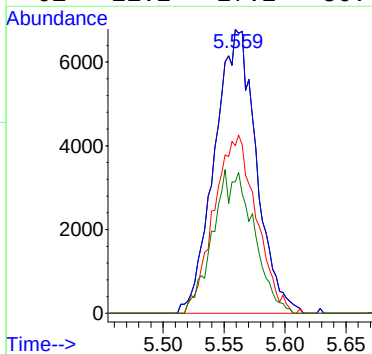
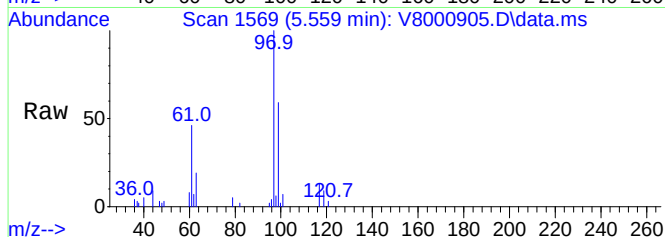
#26
2-Butanone
Concen: Below Cal
RT: 5.130 min Scan# 1415
Delta R.T. 0.001 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

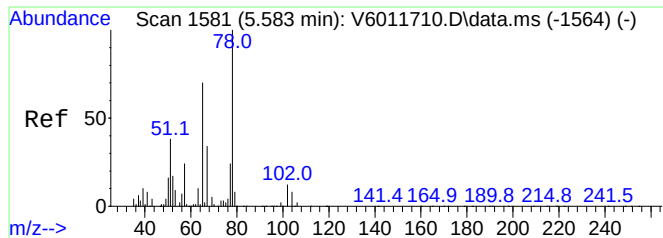
Tgt Ion: 72 Resp: 154
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0



#31
1,1,1-Trichloroethane
Concen: 0.75 ppb
RT: 5.559 min Scan# 1569
Delta R.T. 0.001 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

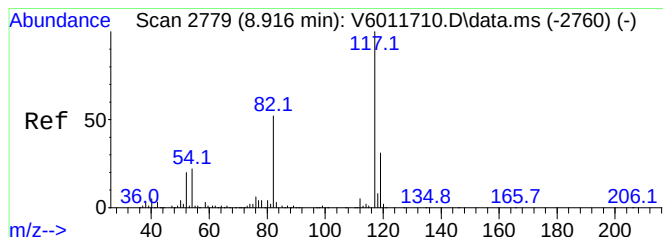
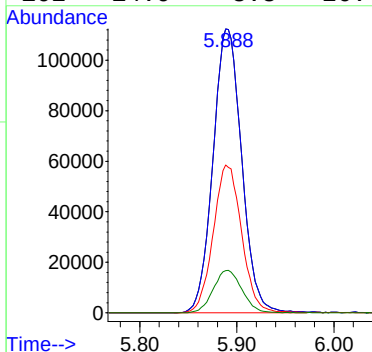
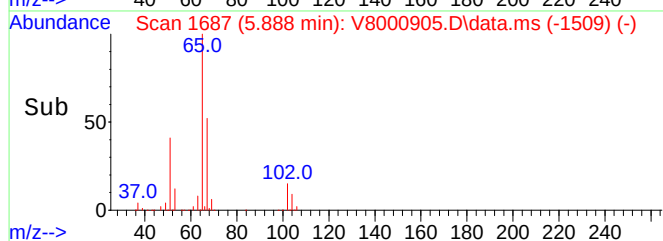
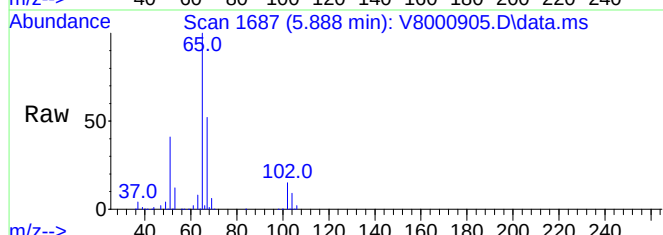
Tgt Ion: 97 Resp: 16175
Ion Ratio Lower Upper
97 100
97 100.0 65.0 135.0
99 0.0 42.5 88.3#
61 21.2 27.2 56.4#





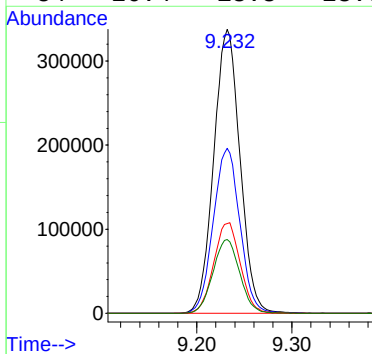
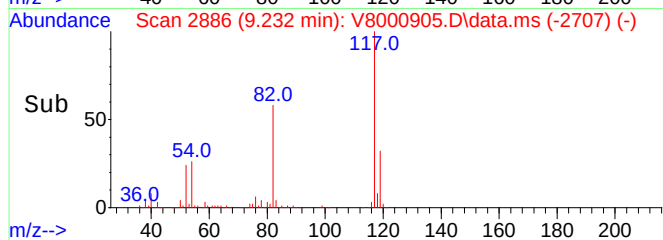
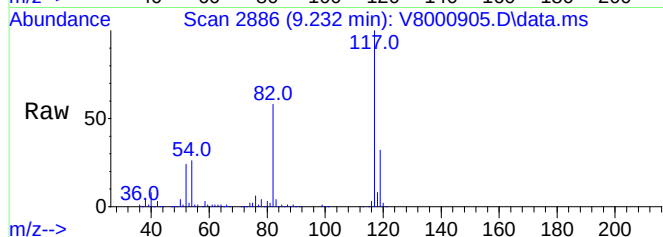
#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.53 ppb
RT: 5.888 min Scan# 1687
Delta R.T. -0.002 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

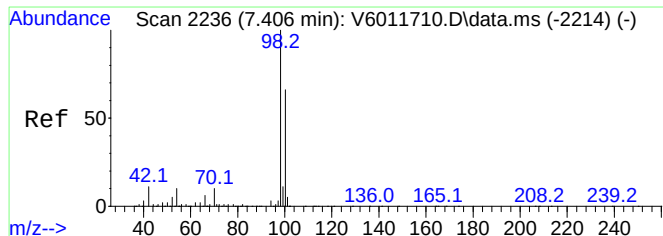
Tgt Ion: 65 Resp: 231063
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 51.5 31.3 65.1
102 14.9 8.8 26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. -0.000 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

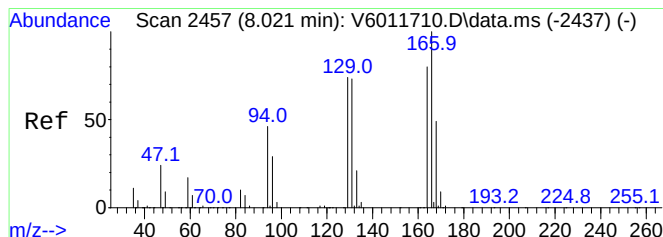
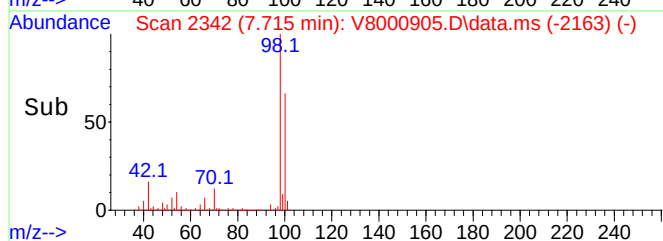
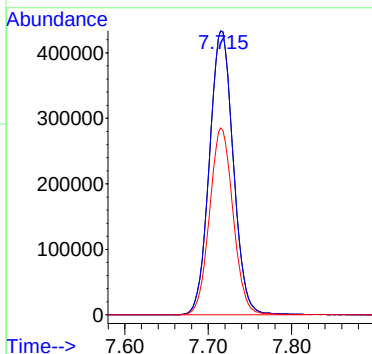
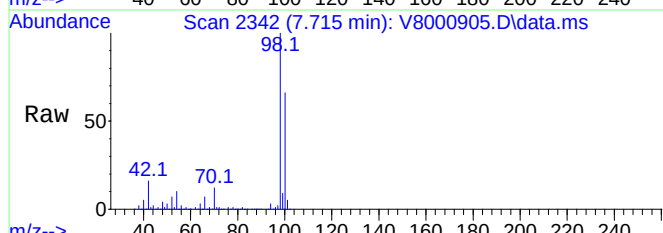
Tgt Ion: 117 Resp: 651334
Ion Ratio Lower Upper
117 100
82 58.8 34.0 70.6
119 32.3 21.5 44.7
54 26.4 13.8 28.6





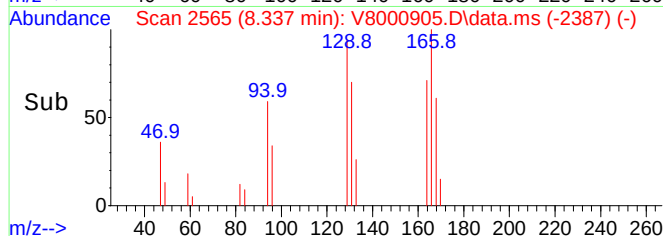
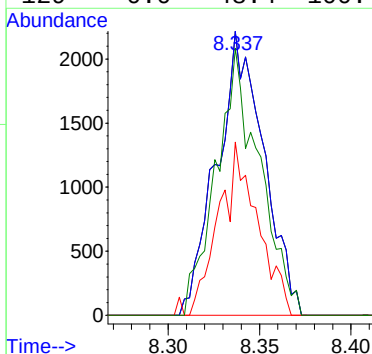
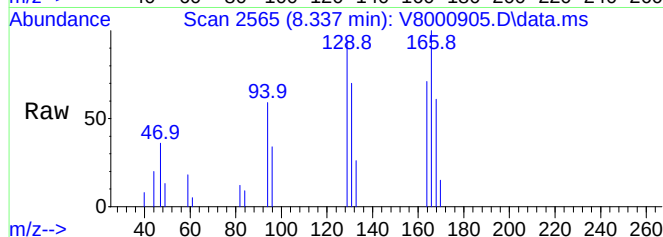
#51
Toluene-d8 (Surr)
Concen: 10.86 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

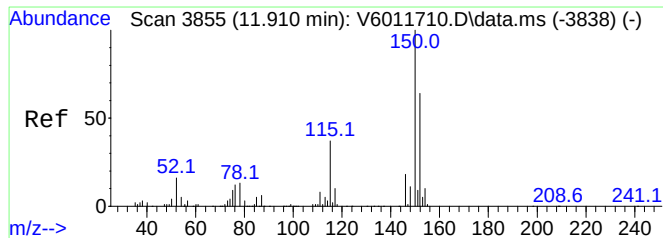
Tgt Ion: 98 Resp: 861581
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 64.9 42.8 89.0



#56
Tetrachloroethylene
Concen: 0.32 ppb
RT: 8.337 min Scan# 2565
Delta R.T. -0.003 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

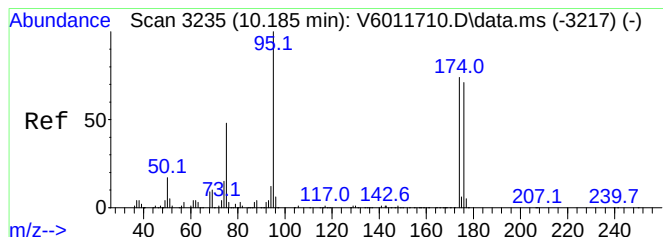
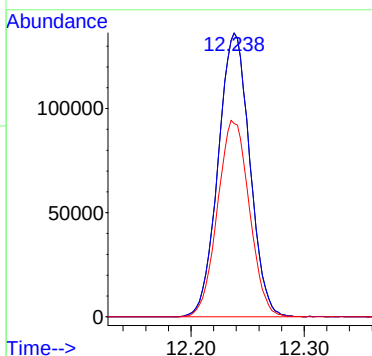
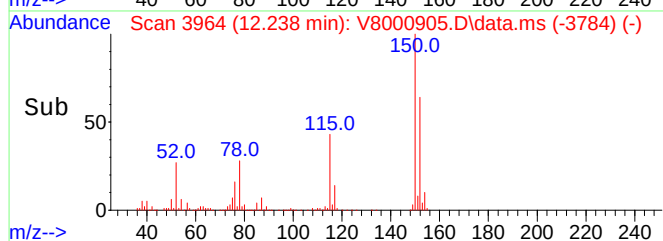
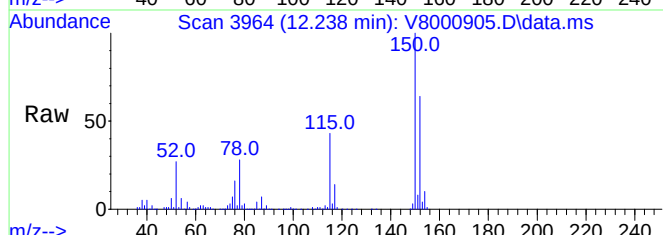
Tgt Ion: 166 Resp: 3956
Ion Ratio Lower Upper
166 100
166 100.0 65.0 135.0
168 50.4 31.8 66.0
129 0.0 48.4 100.4#





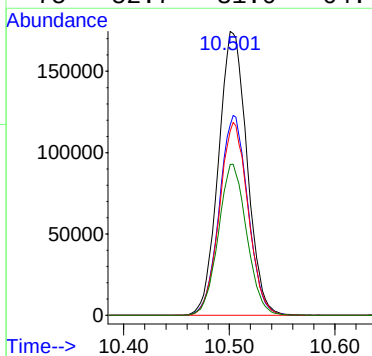
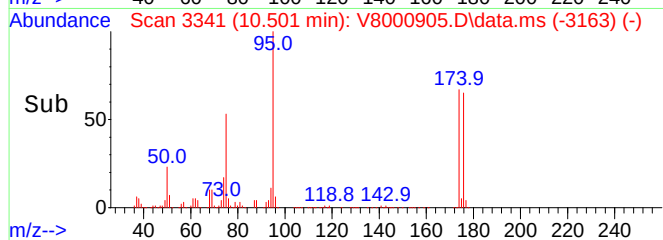
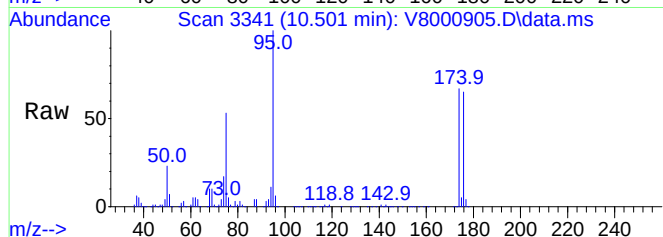
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

Tgt Ion: 152 Resp: 264791
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.9 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.78 ppb
RT: 10.501 min Scan# 3341
Delta R.T. -0.003 min
Lab File: V8000905.D
Acq: 6 May 2016 11:11 pm

Tgt Ion: 95 Resp: 328499
Ion Ratio Lower Upper
95 100
174 70.3 47.8 99.4
176 67.9 46.3 96.1
75 52.7 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

5A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-15 File ID: V8000906.D
 Sampled: 04/27/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 23:36
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.33	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.41	J
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

5A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-15 File ID: V8000906.D
 Sampled: 04/27/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 23:36
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.74	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	7.3	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	1.1	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000906.D
 Acq On : 6 May 2016 11:36 pm
 Operator : BK
 Sample : 16E0003-15
 Misc : V8050616B 8260 LOW A
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: May 09 12:39:53 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

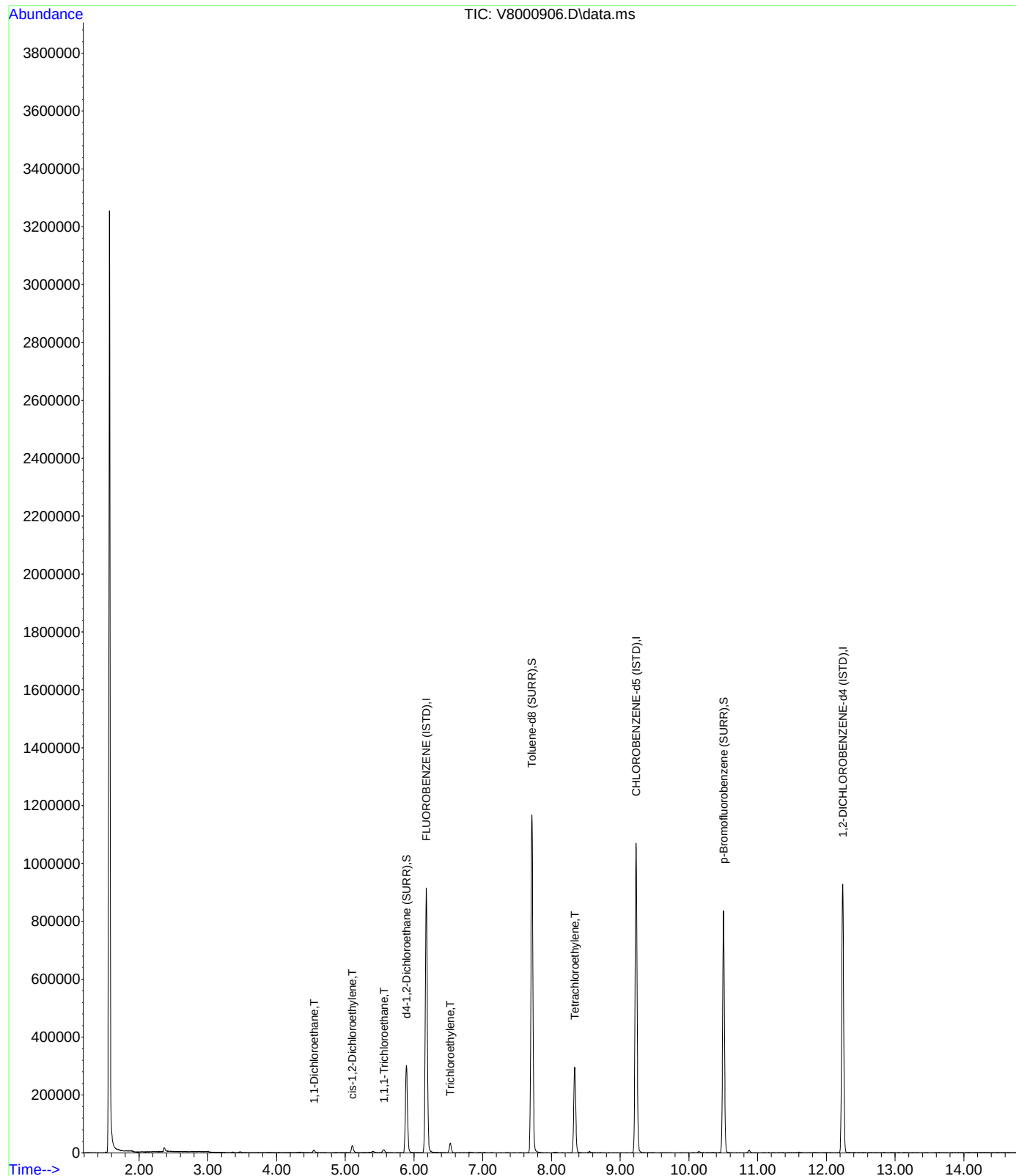
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

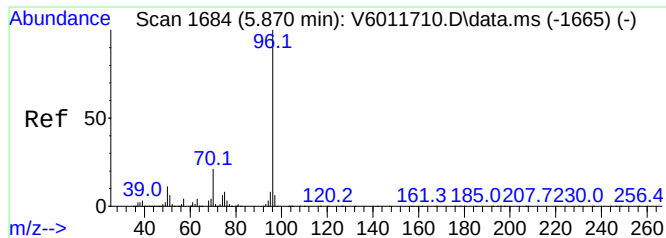
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	180516	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	652947	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	270176	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	235077	10.87	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	108.70%	
51) Toluene-d8 (SURR)	7.715	98	847892	10.66	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	106.60%	
70) p-Bromofluorobenzene (...)	10.504	95	332857	11.70	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	117.00%	
Target Compounds						
12) Acetone	3.474	43	3725	Below Cal		Qvalue 100
13) Iodomethane	3.543	142	126	Below Cal	#	90
17) Methylene Chloride	3.872	49	359	Below Cal	#	44
21) 1,1-Dichloroethane	4.547	63	9595	0.41	ppb	98
25) cis-1,2-Dichloroethylene	5.099	61	16106	0.74	ppb	96
26) 2-Butanone	5.158	72	45	Below Cal		79
31) 1,1,1-Trichloroethane	5.565	97	7159	0.33	ppb	96
41) Trichloroethylene	6.527	95	12386	1.09	ppb	94
56) Tetrachloroethylene	8.337	166	91760	7.29	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000906.D
Acq On : 6 May 2016 11:36 pm
Operator : BK
Sample : 16E0003-15
Misc : V8050616B 8260 LOW A
ALS Vial : 36 Sample Multiplier: 1

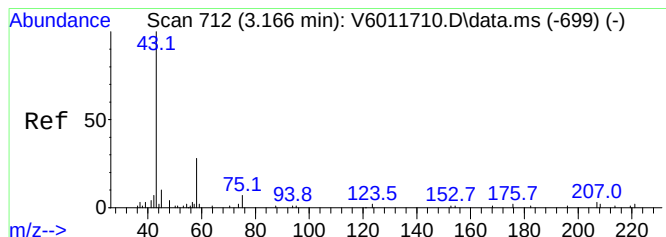
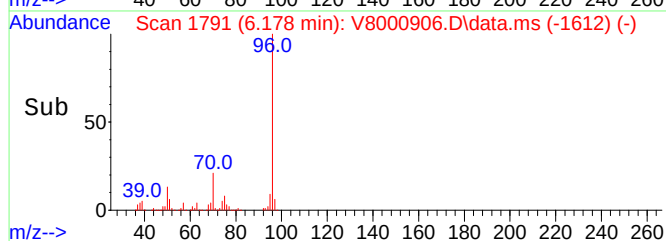
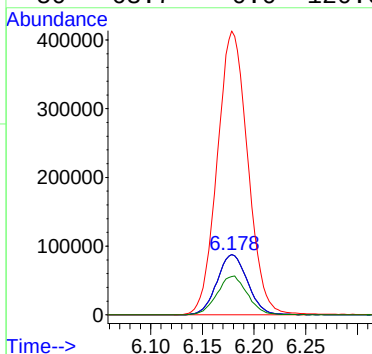
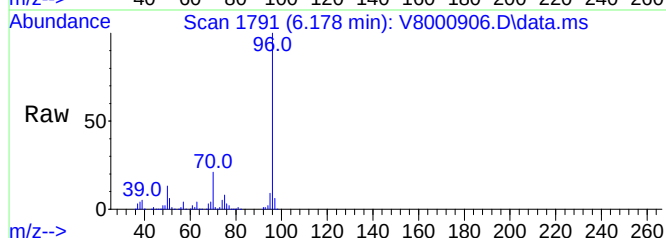
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Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





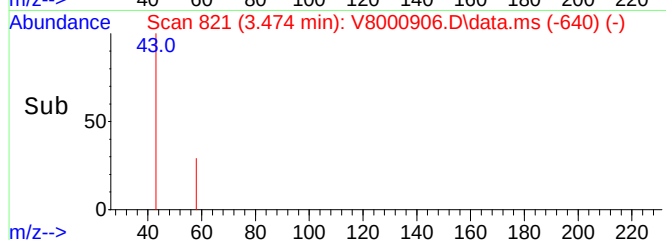
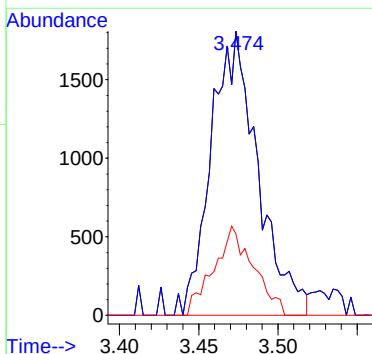
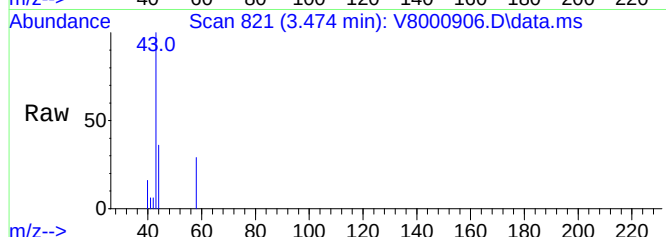
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000906.D
 Acq: 6 May 2016 11:36 pm

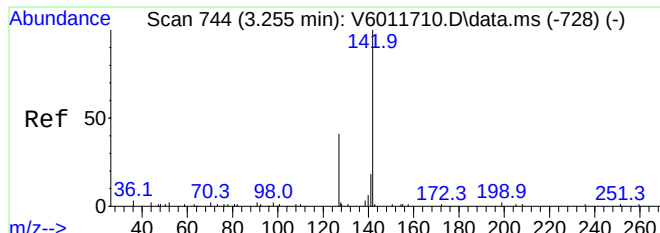
Tgt Ion: 70 Resp: 180516
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 471.1 343.3 713.1
 50 63.7 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.474 min Scan# 821
 Delta R.T. 0.004 min
 Lab File: V8000906.D
 Acq: 6 May 2016 11:36 pm

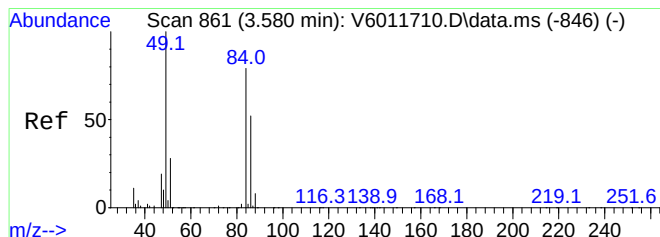
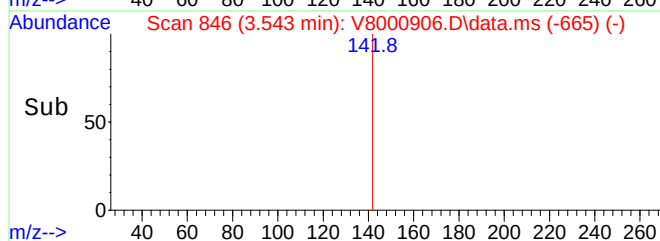
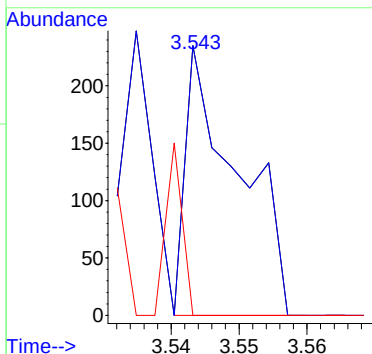
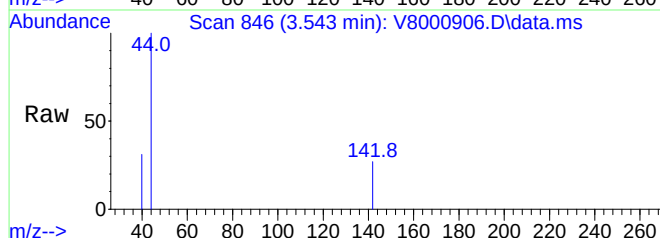
Tgt Ion: 43 Resp: 3725
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 26.6 13.9 41.6





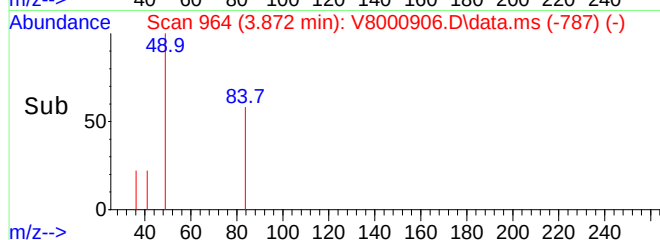
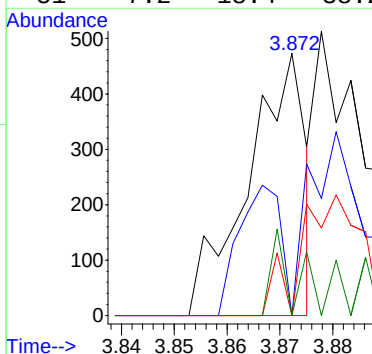
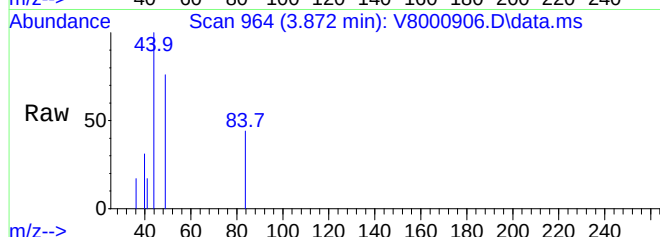
#13
Iodomethane
Concen: Below Cal
RT: 3.543 min Scan# 846
Delta R.T. 0.004 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

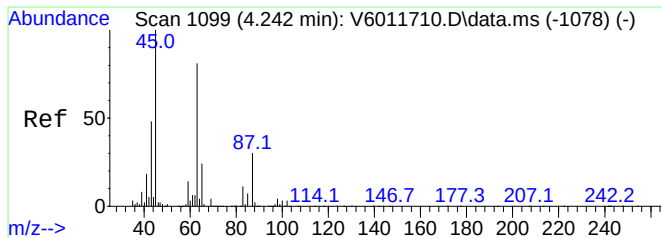
Tgt Ion: 142 Resp: 126
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 19.8 20.8 62.2#



#17
Methylene Chloride
Concen: Below Cal
RT: 3.872 min Scan# 964
Delta R.T. -0.005 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

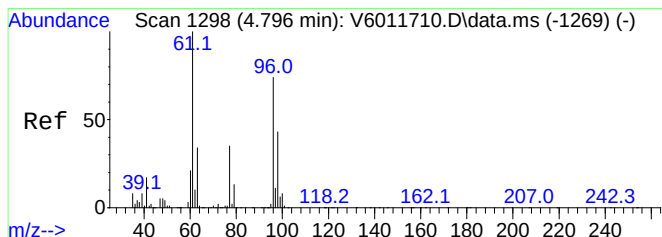
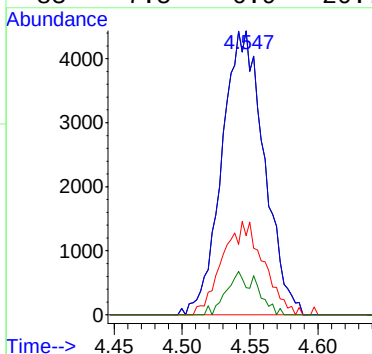
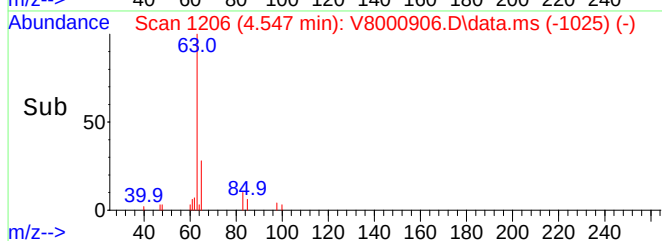
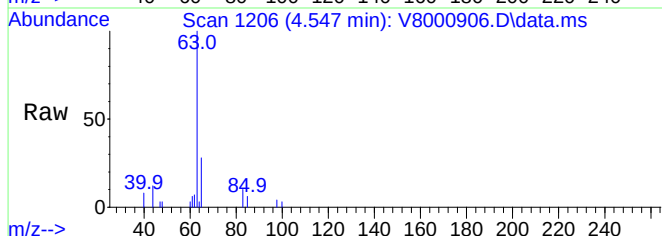
Tgt Ion: 49 Resp: 359
Ion Ratio Lower Upper
49 100
84 35.7 51.5 107.1#
86 0.0 34.1 70.7#
51 7.2 18.4 38.2#





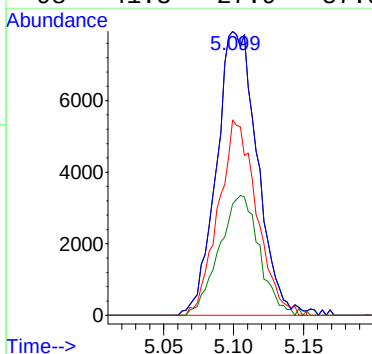
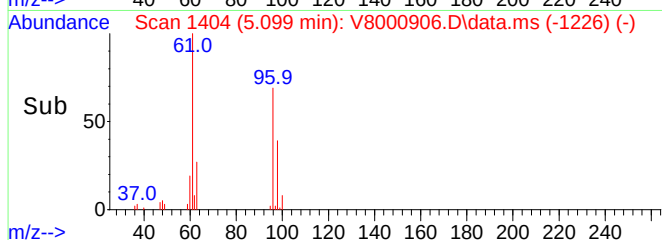
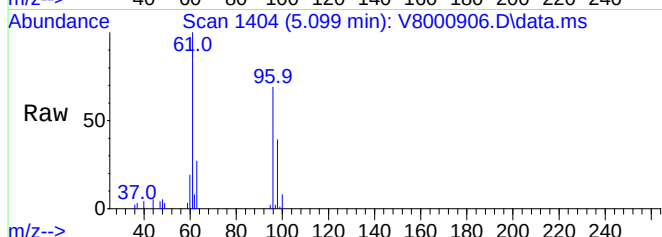
#21
1,1-Dichloroethane
Concen: 0.41 ppb
RT: 4.547 min Scan# 1206
Delta R.T. 0.004 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

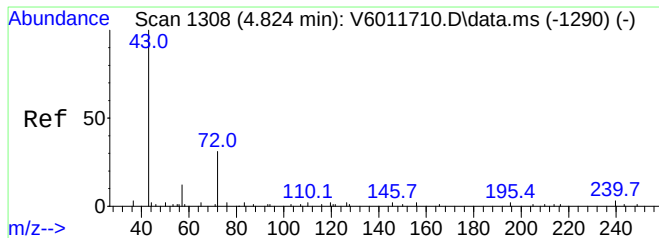
Tgt Ion: 63 Resp: 9595
Ion Ratio Lower Upper
63 100
63 100.0 65.0 135.0
65 32.0 19.4 40.2
83 7.5 6.9 20.7



#25
cis-1,2-Dichloroethylene
Concen: 0.74 ppb
RT: 5.099 min Scan# 1404
Delta R.T. -0.003 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

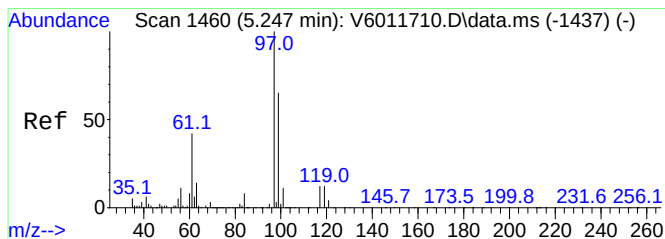
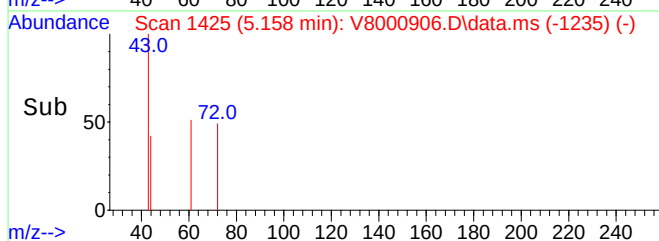
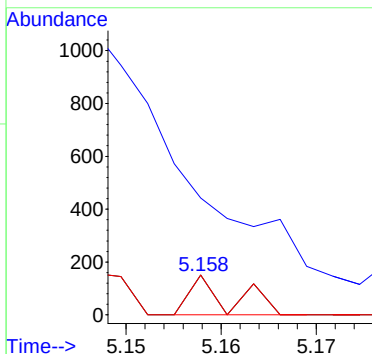
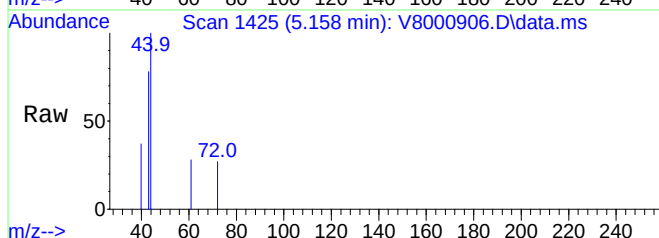
Tgt Ion: 61 Resp: 16106
Ion Ratio Lower Upper
61 100
61 100.0 65.0 135.0
96 64.3 48.0 99.6
98 41.3 27.9 57.9





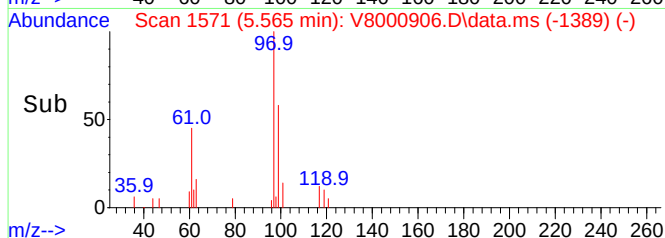
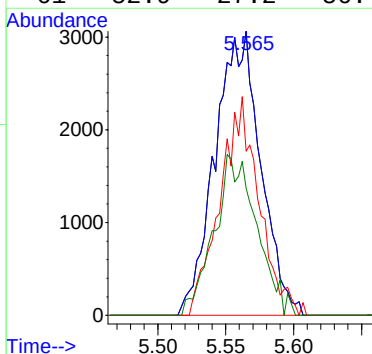
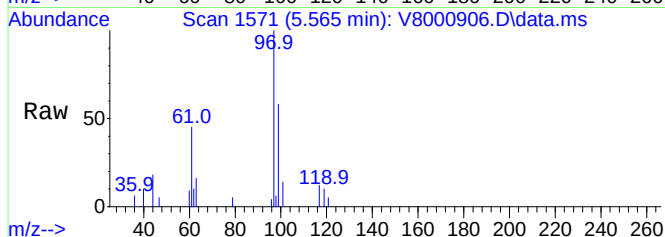
#26
2-Butanone
Concen: Below Cal
RT: 5.158 min Scan# 1425
Delta R.T. 0.029 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

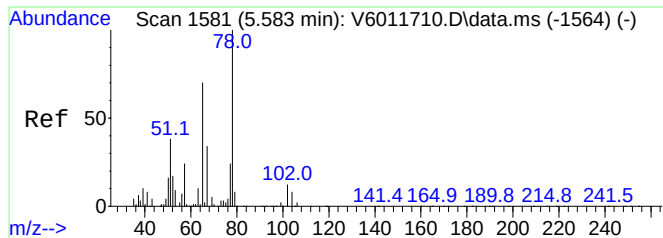
Tgt Ion: 72 Resp: 45
Ion Ratio Lower Upper
72 100
43 382.2 260.7 391.1
72 100.0 50.0 150.0



#31
1,1,1-Trichloroethane
Concen: 0.33 ppb
RT: 5.565 min Scan# 1571
Delta R.T. 0.006 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

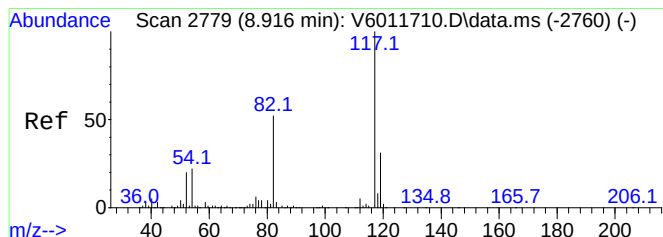
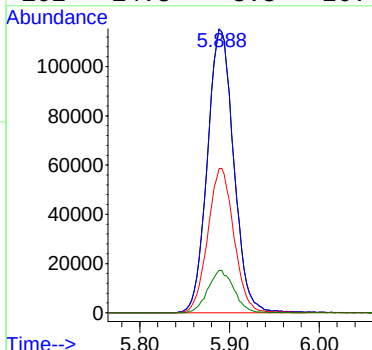
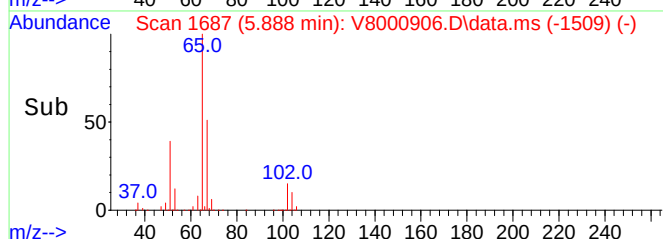
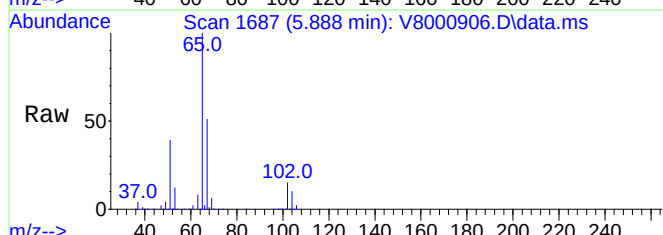
Tgt Ion: 97 Resp: 7159
Ion Ratio Lower Upper
97 100
97 100.0 65.0 135.0
99 65.4 42.5 88.3
61 52.9 27.2 56.4





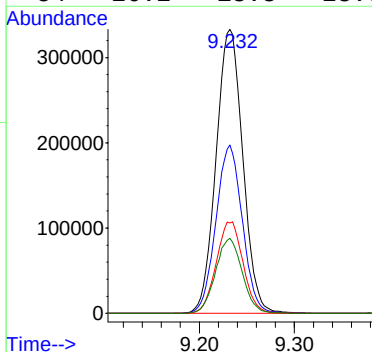
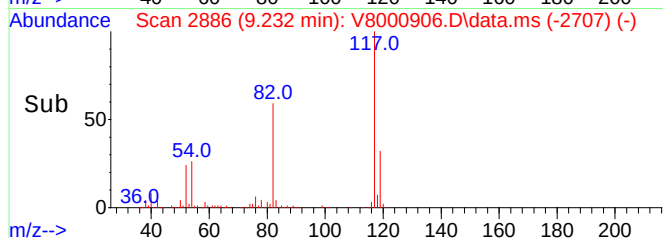
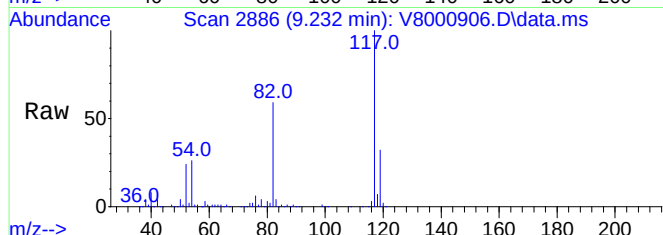
#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.87 ppb
RT: 5.888 min Scan# 1687
Delta R.T. -0.002 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

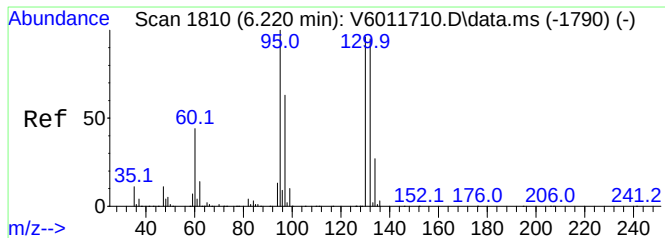
Tgt Ion: 65 Resp: 235077
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 50.4 31.3 65.1
102 14.8 8.8 26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

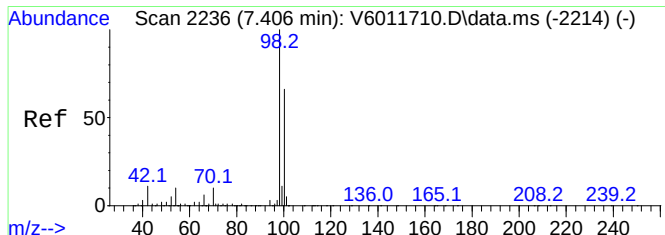
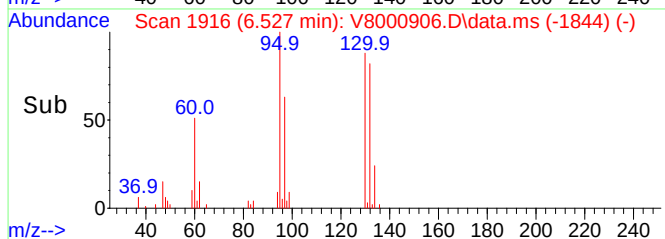
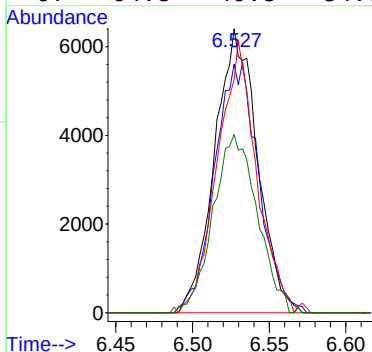
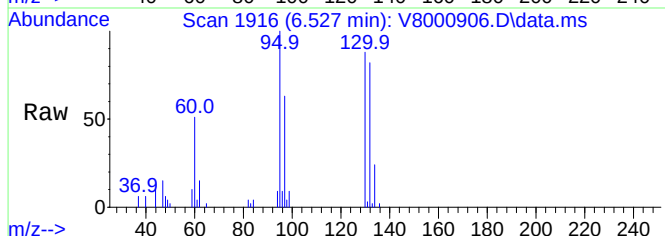
Tgt Ion: 117 Resp: 652947
Ion Ratio Lower Upper
117 100
82 58.5 34.0 70.6
119 32.3 21.5 44.7
54 26.2 13.8 28.6





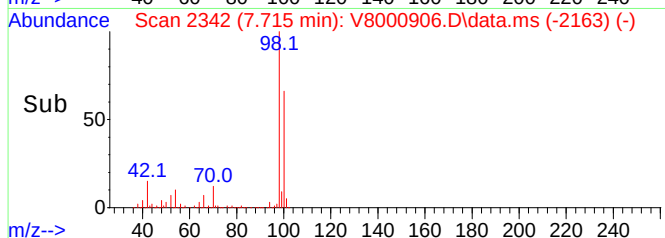
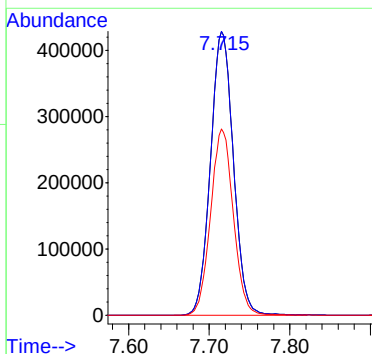
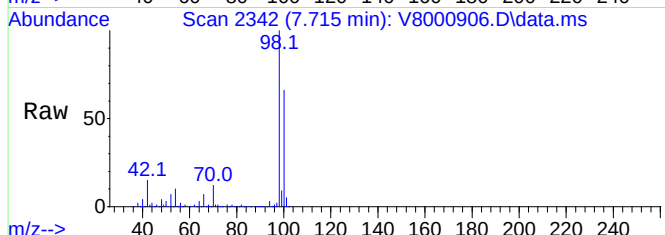
#41
 Trichloroethylene
 Concen: 1.09 ppb
 RT: 6.527 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: V8000906.D
 Acq: 6 May 2016 11:36 pm

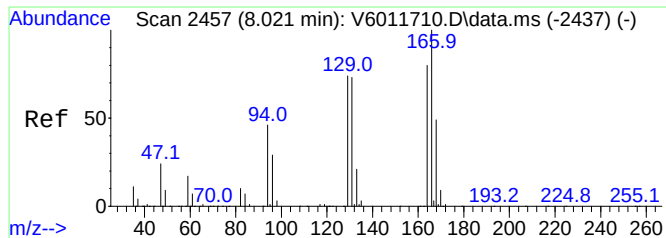
Tgt Ion: 95 Resp: 12386
 Ion Ratio Lower Upper
 95 100
 130 90.9 62.6 130.0
 132 87.6 62.0 128.8
 97 64.8 40.8 84.6



#51
 Toluene-d8 (SURR)
 Concen: 10.66 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000906.D
 Acq: 6 May 2016 11:36 pm

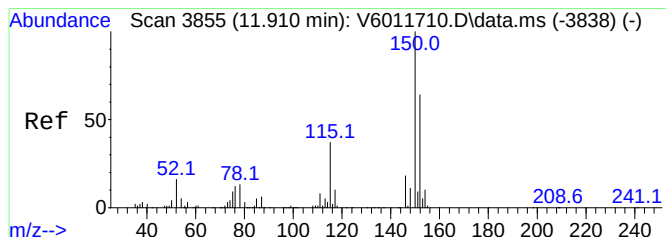
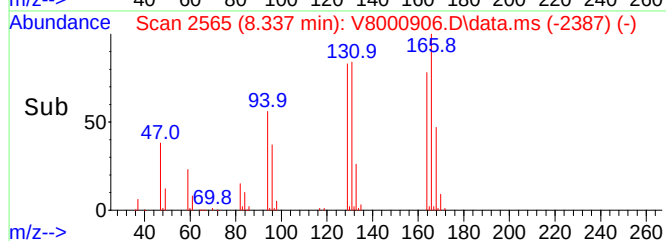
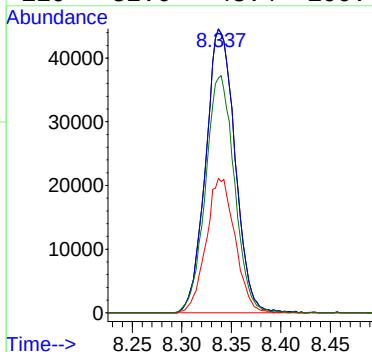
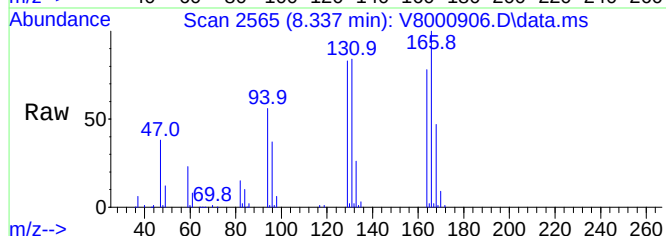
Tgt Ion: 98 Resp: 847892
 Ion Ratio Lower Upper
 98 100
 98 100.0 65.0 135.0
 100 65.1 42.8 89.0





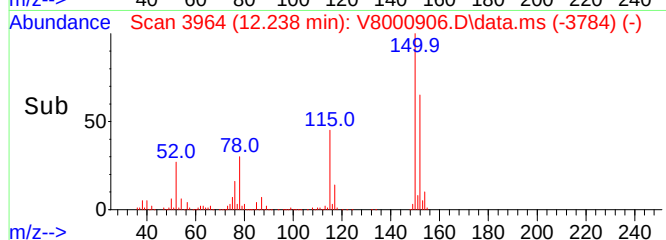
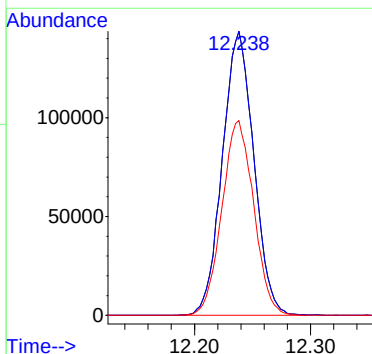
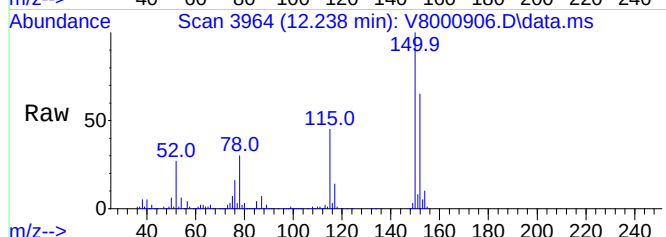
#56
Tetrachloroethylene
Concen: 7.29 ppb
RT: 8.337 min Scan# 2565
Delta R.T. -0.003 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

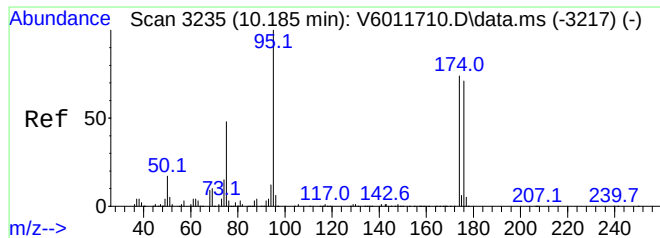
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	91760		
166	100.0		65.0	135.0
168	46.7		31.8	66.0
129	82.6		48.4	100.4



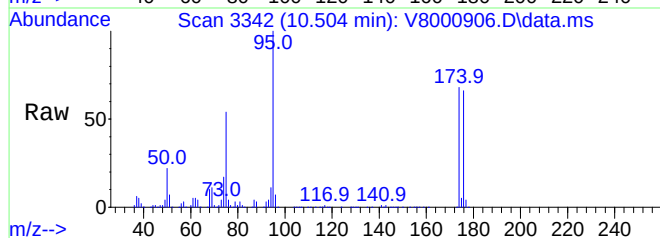
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000906.D
Acq: 6 May 2016 11:36 pm

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	270176		
152	100.0		50.0	150.0
115	69.5		31.5	94.5



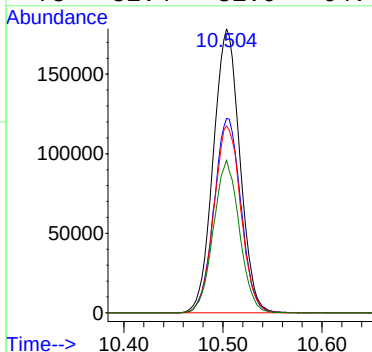
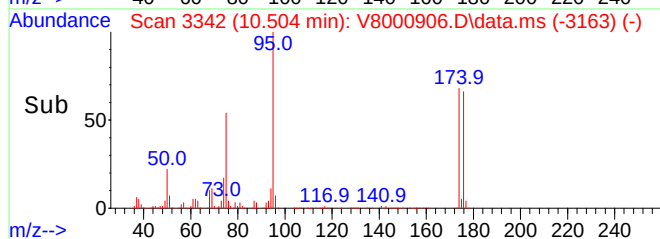


#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.70 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. 0.000 min
 Lab File: V8000906.D
 Acq: 6 May 2016 11:36 pm



Tgt Ion: 95 Resp: 332857

Ion	Ratio	Lower	Upper
95	100		
174	69.4	47.8	99.4
176	66.7	46.3	96.1
75	52.4	31.0	64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

5D

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-16 File ID: V8000907.D
 Sampled: 04/27/16 15:35 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:02
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	3.5	
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

5D

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-16 File ID: V8000907.D
 Sampled: 04/27/16 15:35 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:02
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.21	J
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.7	107	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000907.D
 Acq On : 7 May 2016 12:02 am
 Operator : BK
 Sample : 16E0003-16
 Misc : V8050616B 8260 LOW AF pH=11 A
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 09 12:41:10 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

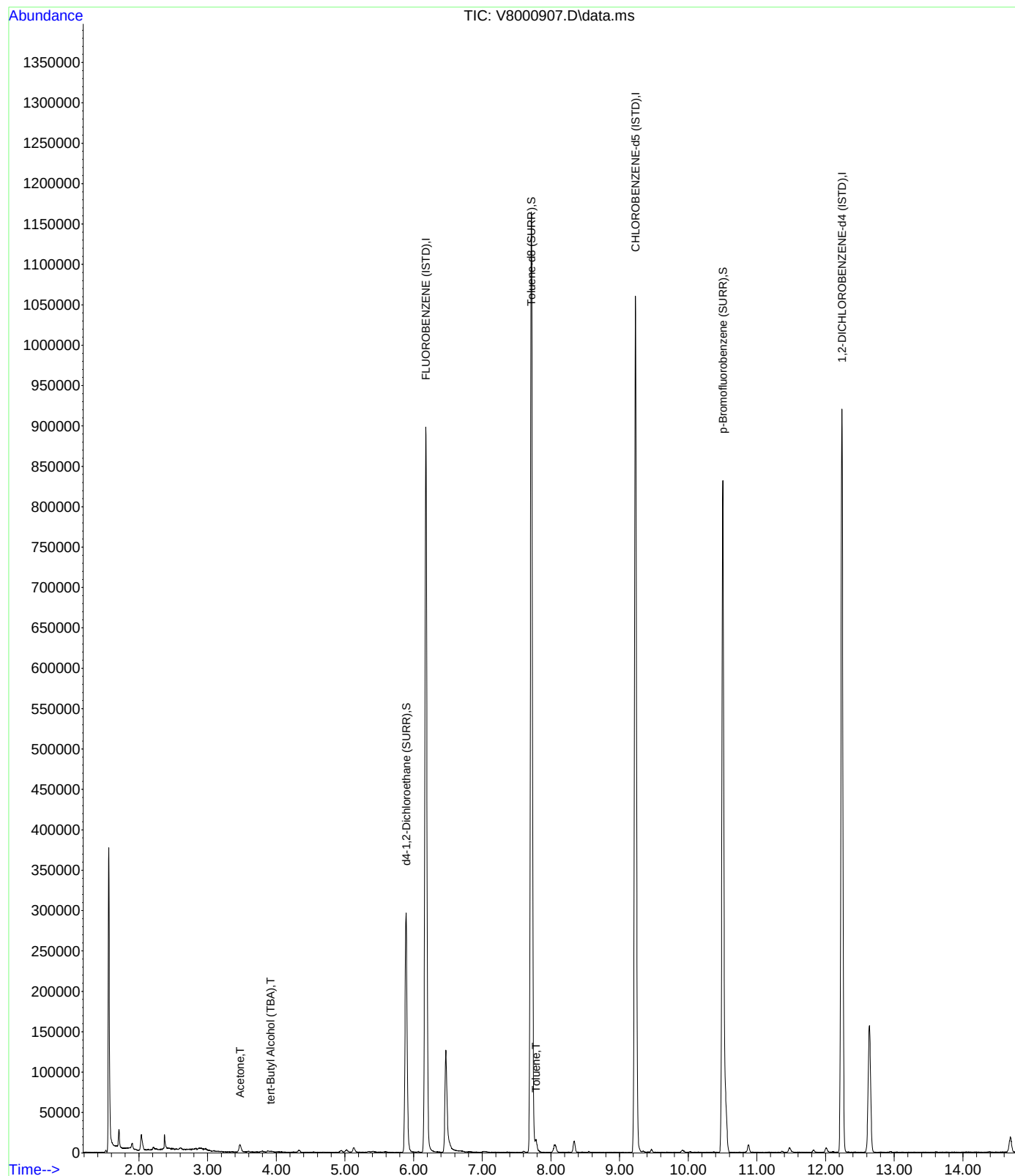
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

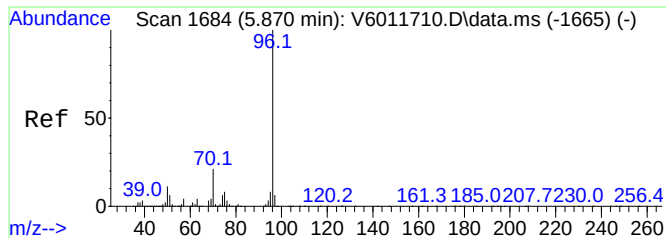
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	178058	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.229	117	646807	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	267668	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	227596	10.67	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	106.70%	
51) Toluene-d8 (SURR)	7.715	98	851929	10.81	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	108.10%	
70) p-Bromofluorobenzene (...)	10.504	95	325938	11.56	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	115.60%	
Target Compounds						
12) Acetone	3.471	43	12655	3.52	ppb	Qvalue 99
13) Iodomethane	3.535	142	34	Below Cal	#	81
16) tert-Butyl Alcohol (TBA)	3.917	59	816m	1.07	ppb	
17) Methylene Chloride	3.878	49	851	Below Cal	#	41
26) 2-Butanone	4.943	72	199	Below Cal		94
52) Toluene	7.782	91	9124	0.21	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000907.D
Acq On : 7 May 2016 12:02 am
Operator : BK
Sample : 16E0003-16
Misc : V8050616B 8260 LOW AF pH=11 A
ALS Vial : 37 Sample Multiplier: 1

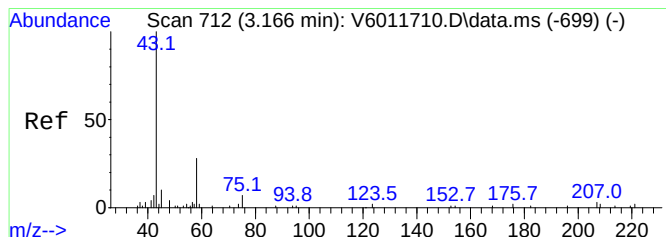
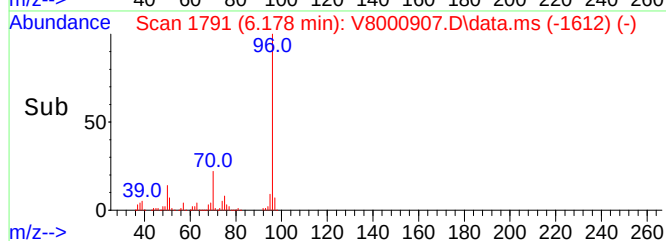
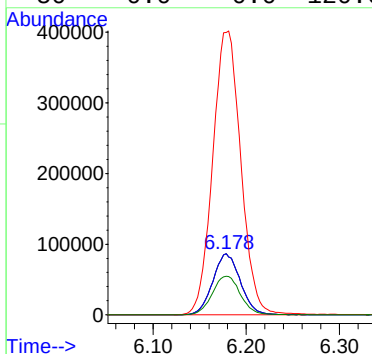
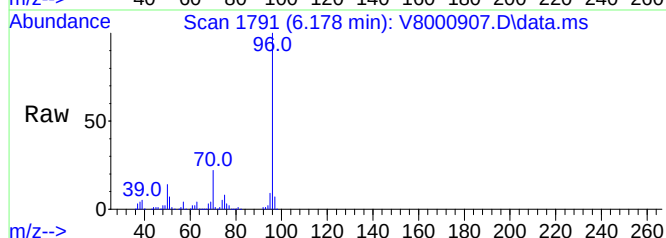
Quant Time: May 09 12:41:10 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





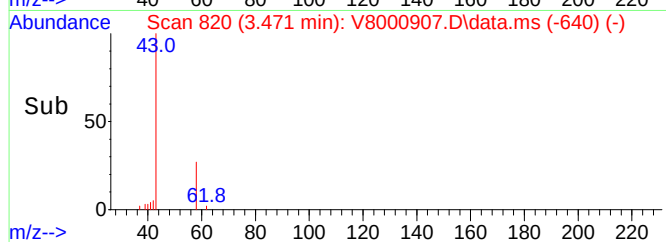
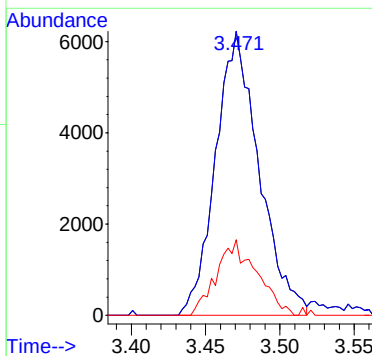
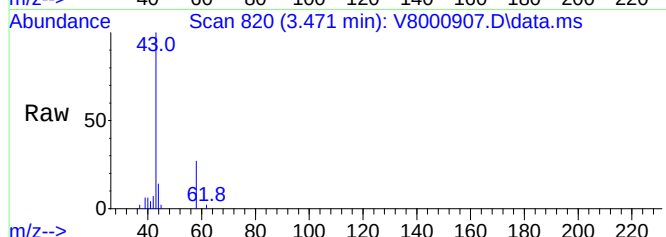
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000907.D
 Acq: 7 May 2016 12:02 am

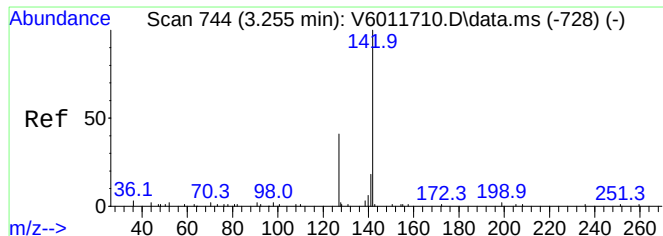
Tgt Ion: 70 Resp: 178058
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 473.7 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: 3.52 ppb
 RT: 3.471 min Scan# 820
 Delta R.T. 0.001 min
 Lab File: V8000907.D
 Acq: 7 May 2016 12:02 am

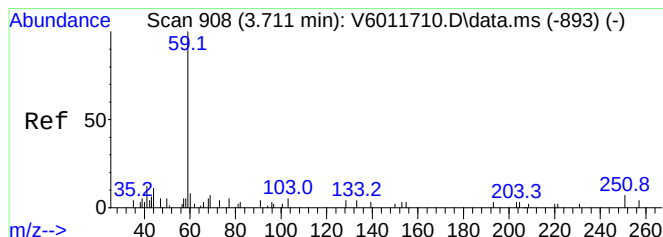
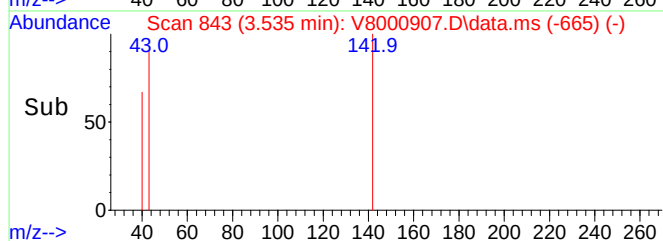
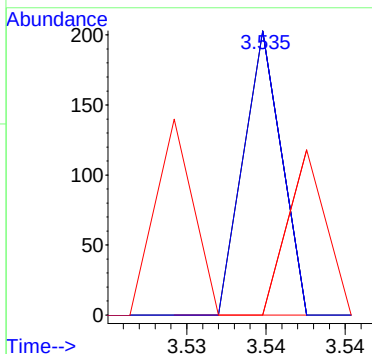
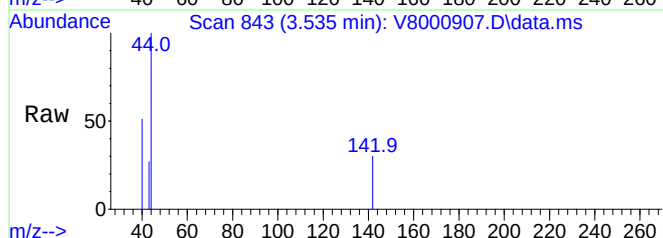
Tgt Ion: 43 Resp: 12655
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 24.6 13.9 41.6





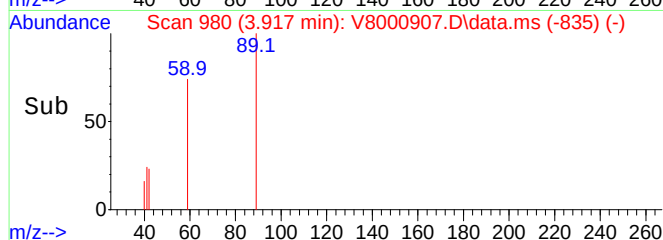
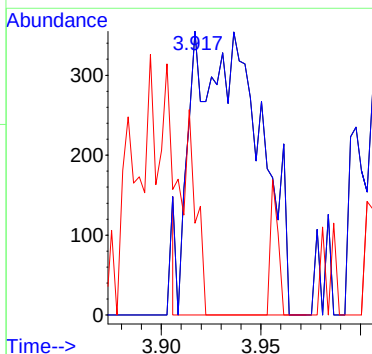
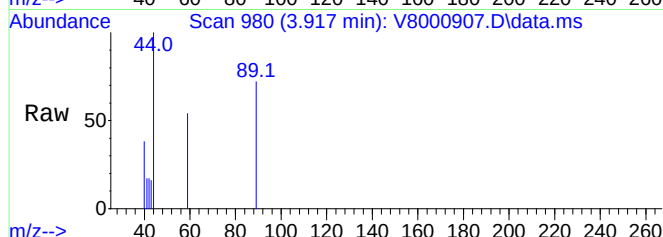
#13
Iodomethane
Concen: Below Cal
RT: 3.535 min Scan# 843
Delta R.T. -0.005 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

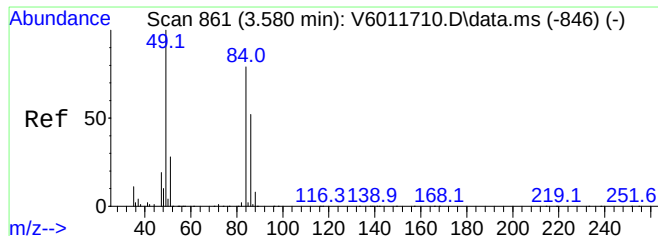
Tgt Ion: 142 Resp: 34
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#



#16
tert-Butyl Alcohol (TBA)
Concen: 1.07 ppb m
RT: 3.917 min Scan# 980
Delta R.T. -0.095 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

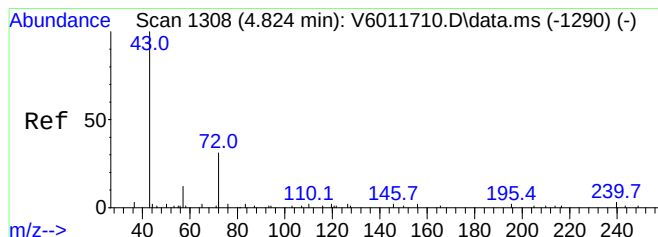
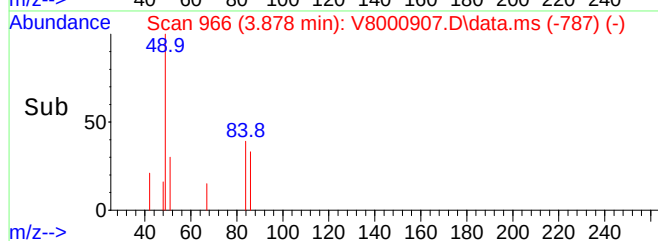
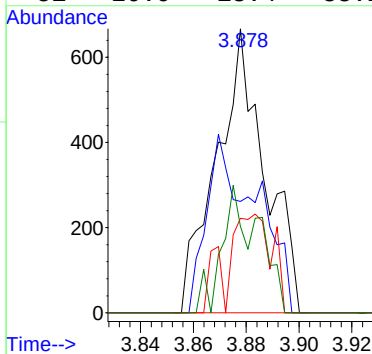
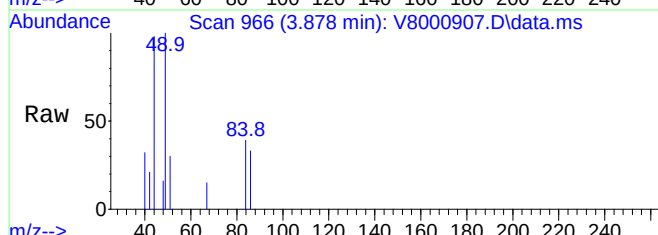
Tgt Ion: 59 Resp: 816
Ion Ratio Lower Upper
59 100
59 29.4 65.0 135.0#
41 3.8 6.0 18.0#





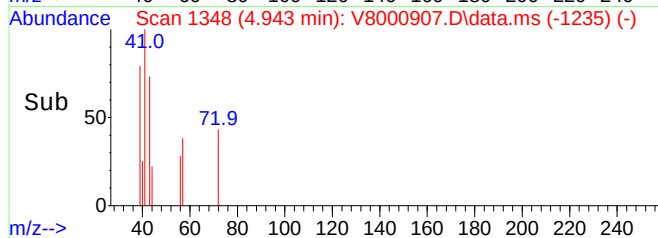
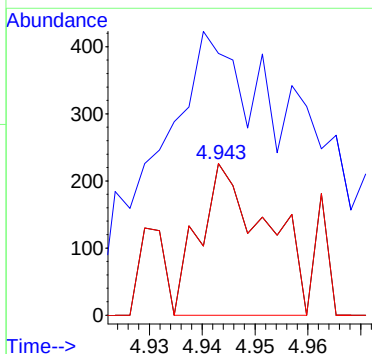
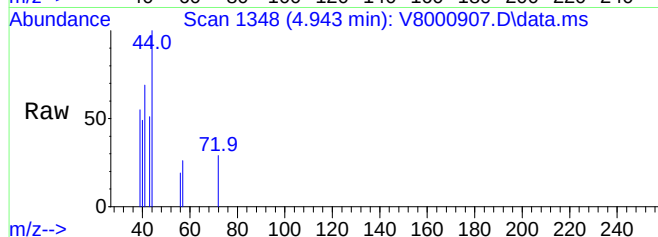
#17
Methylene Chloride
Concen: Below Cal
RT: 3.878 min Scan# 966
Delta R.T. 0.000 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

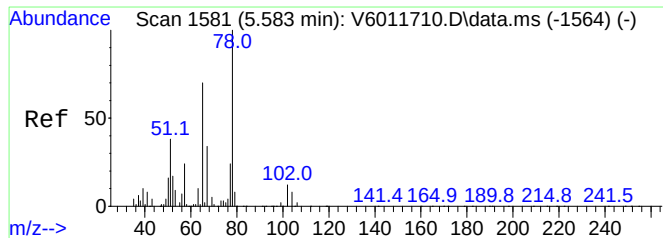
Tgt Ion: 49 Resp: 851
Ion Ratio Lower Upper
49 100
84 0.0 51.5 107.1#
86 27.0 34.1 70.7#
51 20.9 18.4 38.2



#26
2-Butanone
Concen: Below Cal
RT: 4.943 min Scan# 1348
Delta R.T. -0.185 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

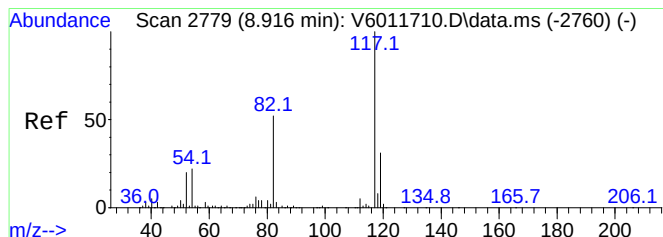
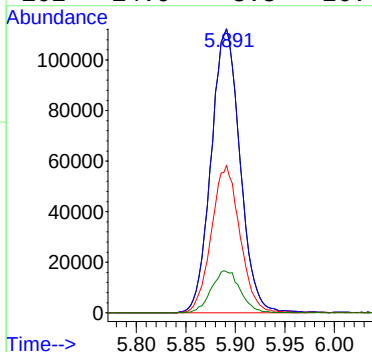
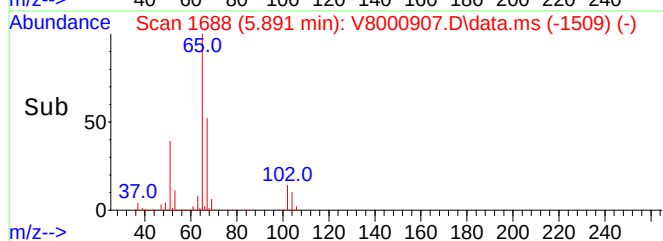
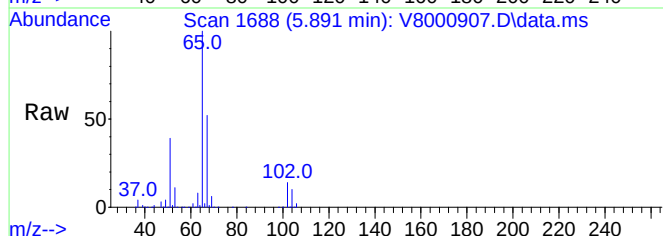
Tgt Ion: 72 Resp: 199
Ion Ratio Lower Upper
72 100
43 308.5 260.7 391.1
72 100.0 50.0 150.0





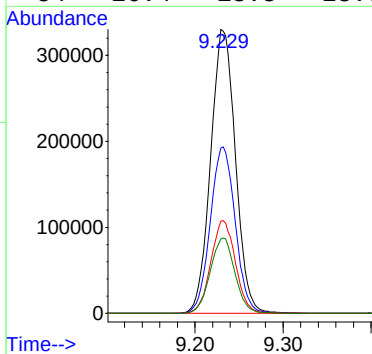
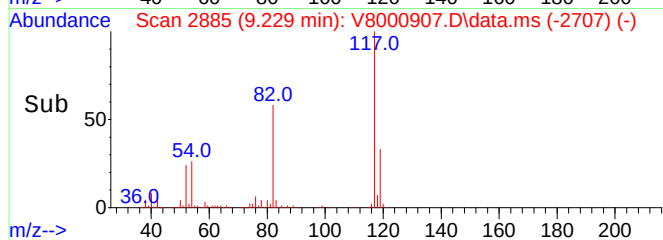
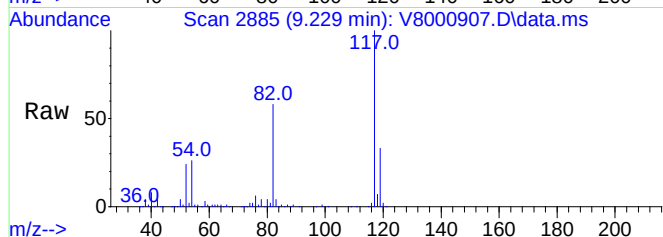
#34
d4-1,2-Dichloroethane (SURRE)
Concen: 10.67 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

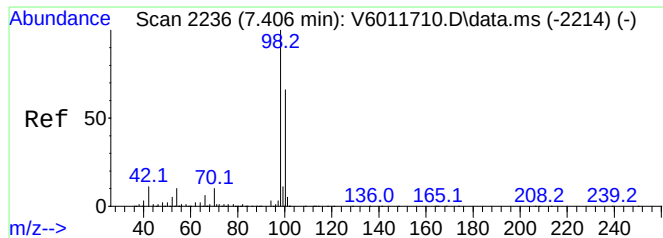
Tgt Ion: 65 Resp: 227596
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 0.0 31.3 65.1#
102 14.9 8.8 26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.229 min Scan# 2885
Delta R.T. -0.003 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

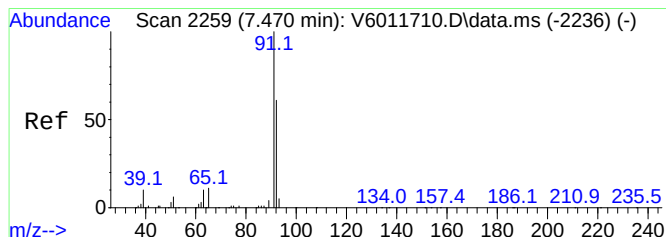
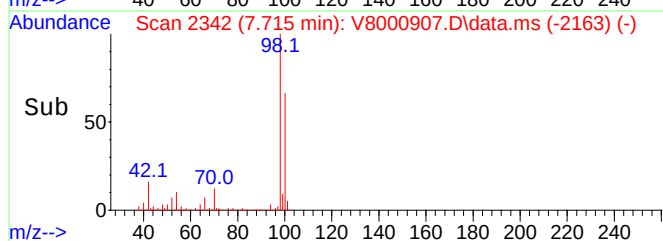
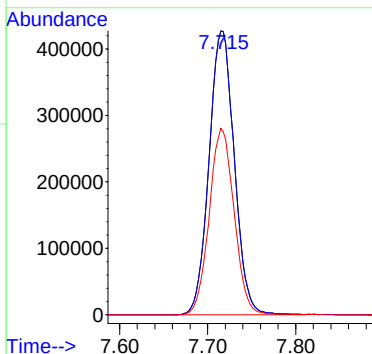
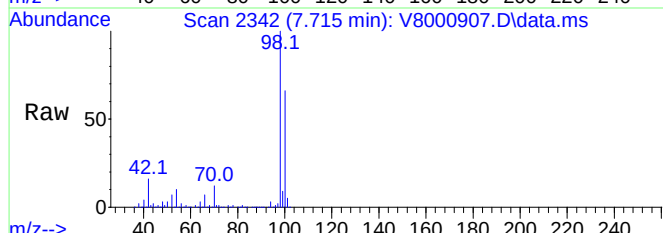
Tgt Ion: 117 Resp: 646807
Ion Ratio Lower Upper
117 100
82 58.9 34.0 70.6
119 32.4 21.5 44.7
54 26.4 13.8 28.6





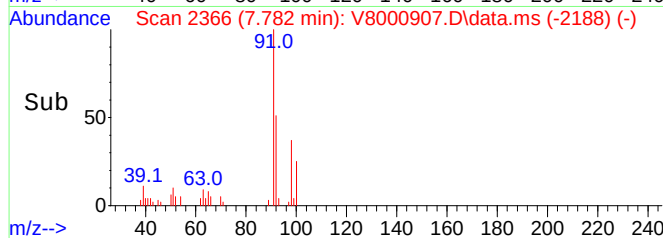
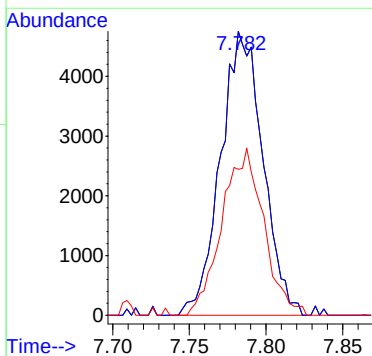
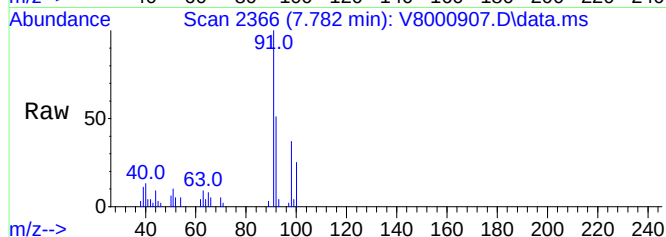
#51
Toluene-d8 (SURRE)
Concen: 10.81 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

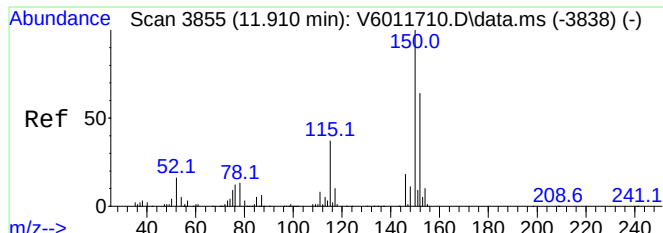
Tgt Ion: 98 Resp: 851929
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 64.8 42.8 89.0



#52
Toluene
Concen: 0.21 ppb
RT: 7.782 min Scan# 2366
Delta R.T. -0.003 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

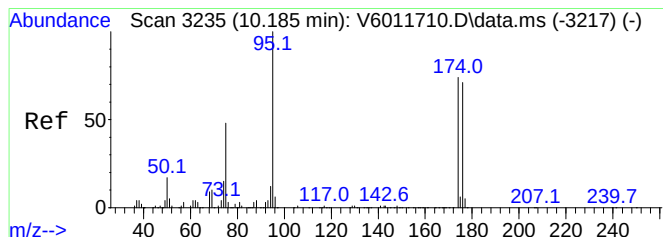
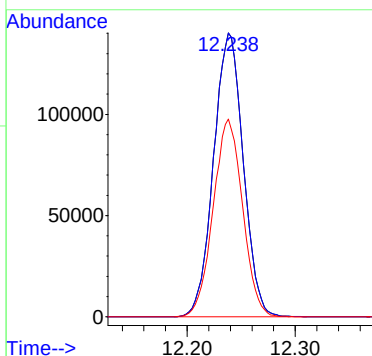
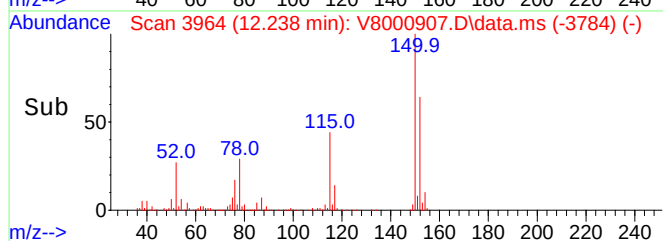
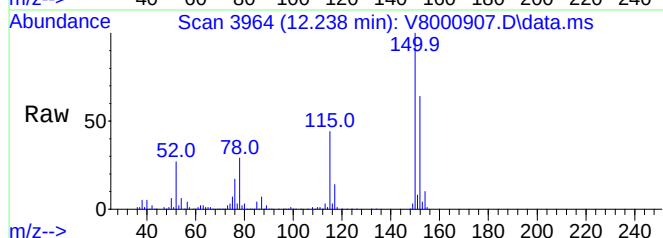
Tgt Ion: 91 Resp: 9124
Ion Ratio Lower Upper
91 100
91 100.0 65.0 135.0
92 57.9 39.7 82.5





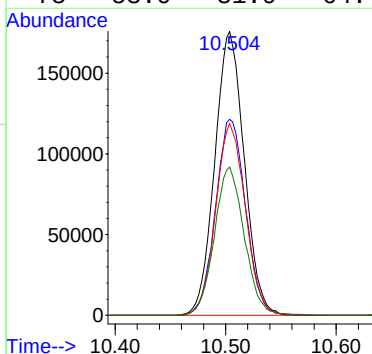
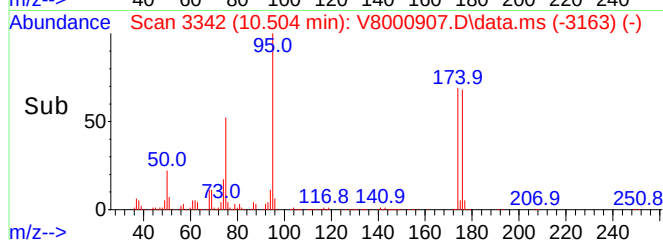
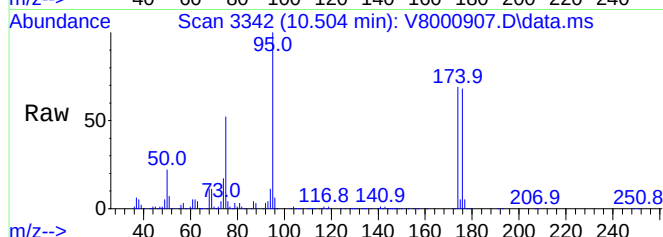
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

Tgt Ion: 152 Resp: 267668
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.3 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.56 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000907.D
Acq: 7 May 2016 12:02 am

Tgt Ion: 95 Resp: 325938
Ion Ratio Lower Upper
95 100
174 70.4 47.8 99.4
176 68.0 46.3 96.1
75 53.0 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

6A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-17 File ID: V8000908.D
 Sampled: 04/28/16 08:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:27
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

6A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-17 File ID: V8000908.D
 Sampled: 04/28/16 08:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:27
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	10.9	109	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000908.D
 Acq On : 7 May 2016 12:27 am
 Operator : BK
 Sample : 16E0003-17
 Misc : V8050616B 8260 LOW A
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 09 12:42:44 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

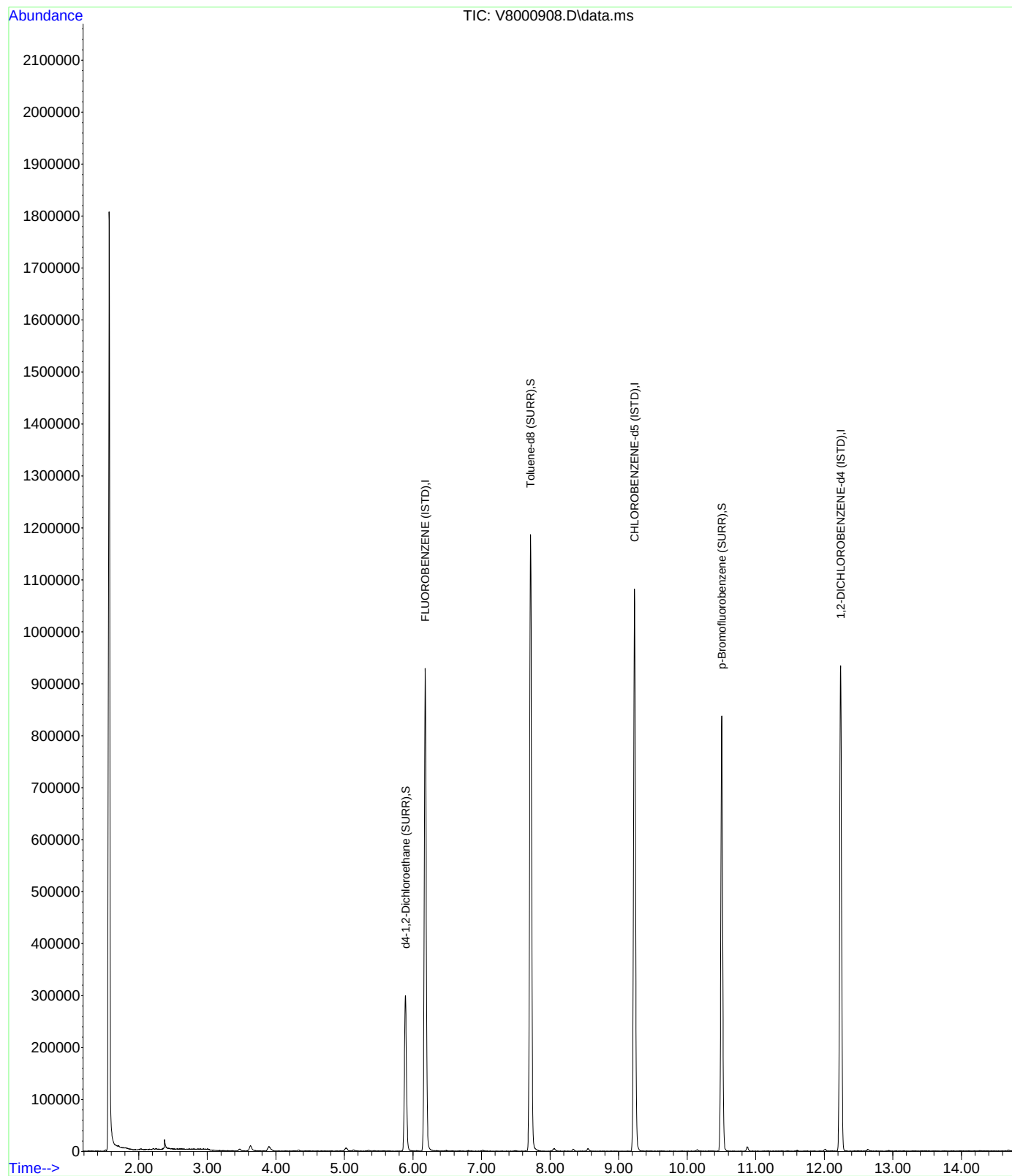
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

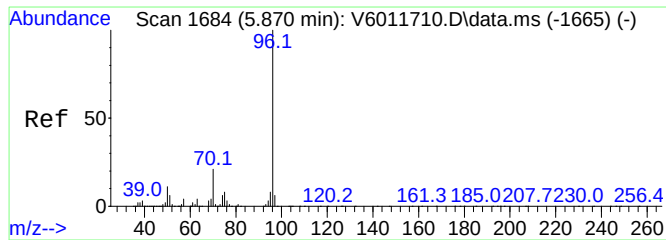
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	179625	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	648457	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	270182	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	231176	10.75	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	107.50%	
51) Toluene-d8 (SURR)	7.715	98	857529	10.86	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	108.60%	
70) p-Bromofluorobenzene (...)	10.504	95	330876	11.63	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	116.30%	
Target Compounds						
12) Acetone	3.468	43	5279	Below Cal		Qvalue 94
13) Iodomethane	3.540	142	129	Below Cal	#	81
17) Methylene Chloride	3.881	49	497	Below Cal	#	70
26) 2-Butanone	5.133	72	495	Below Cal	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000908.D
Acq On : 7 May 2016 12:27 am
Operator : BK
Sample : 16E0003-17
Misc : V8050616B 8260 LOW A
ALS Vial : 38 Sample Multiplier: 1

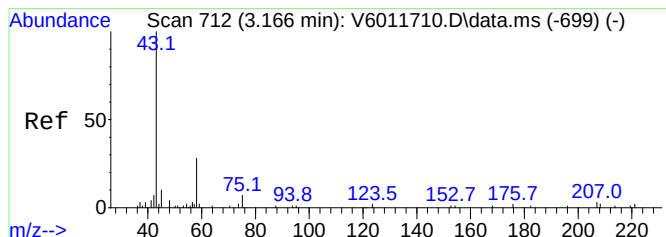
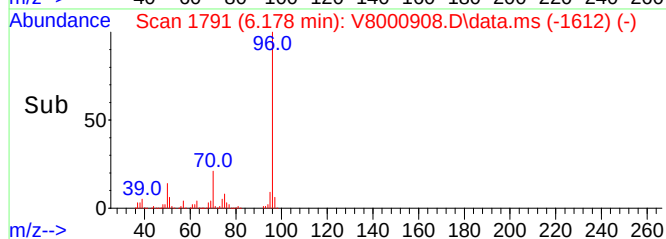
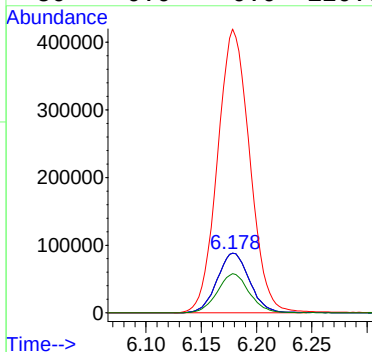
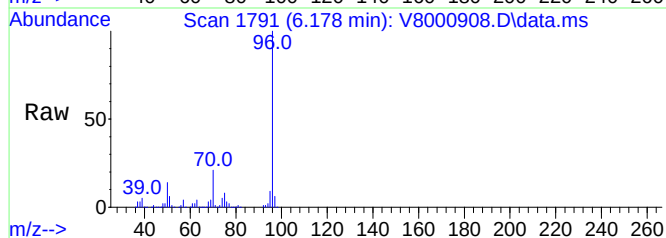
Quant Time: May 09 12:42:44 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





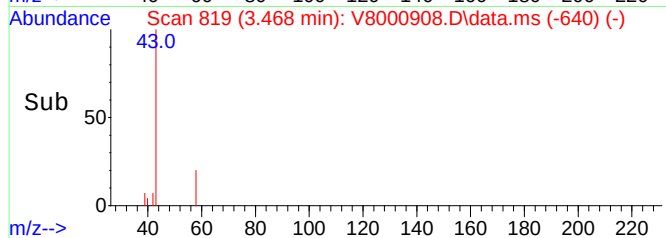
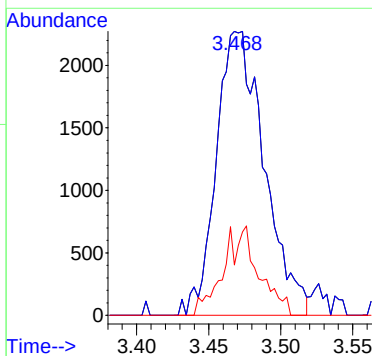
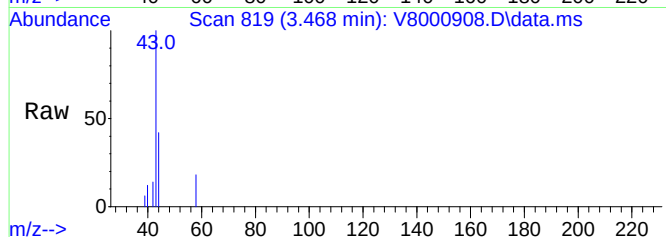
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000908.D
 Acq: 7 May 2016 12:27 am

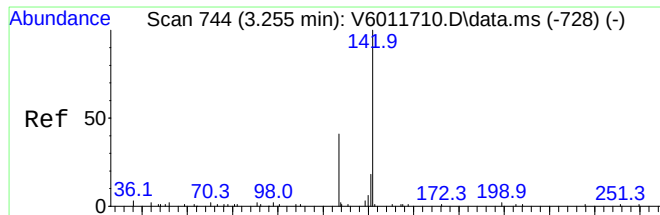
Tgt Ion: 70 Resp: 179625
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 474.9 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.468 min Scan# 819
 Delta R.T. -0.002 min
 Lab File: V8000908.D
 Acq: 7 May 2016 12:27 am

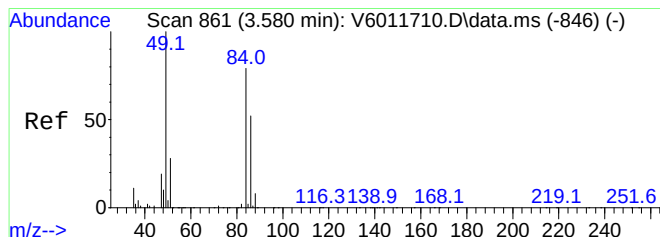
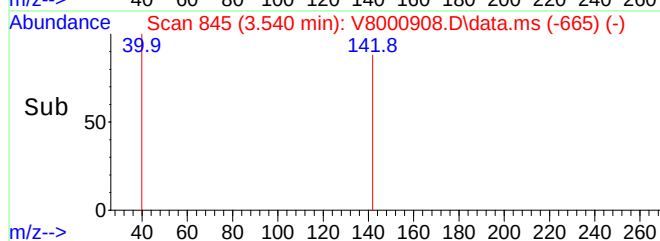
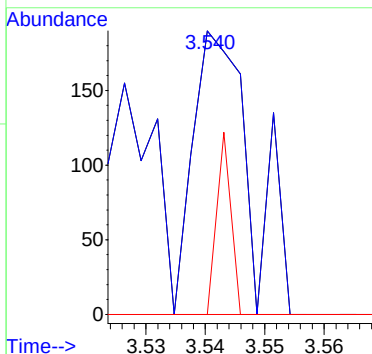
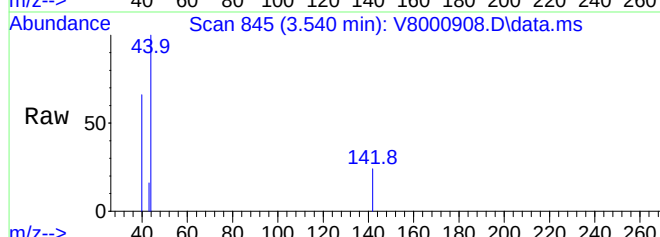
Tgt Ion: 43 Resp: 5279
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 14.0 13.9 41.6





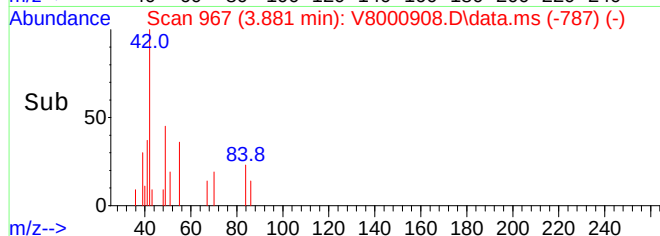
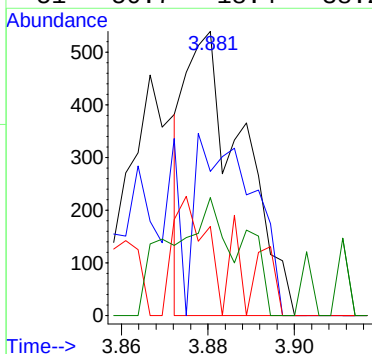
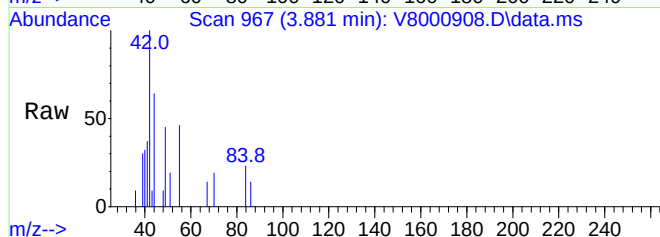
#13
Iodomethane
Concen: Below Cal
RT: 3.540 min Scan# 845
Delta R.T. 0.001 min
Lab File: V8000908.D
Acq: 7 May 2016 12:27 am

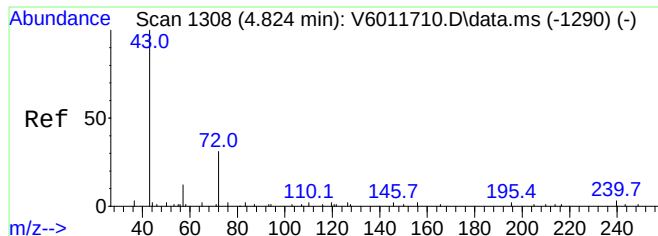
Tgt Ion: 142 Resp: 129
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#



#17
Methylene Chloride
Concen: Below Cal
RT: 3.881 min Scan# 967
Delta R.T. 0.003 min
Lab File: V8000908.D
Acq: 7 May 2016 12:27 am

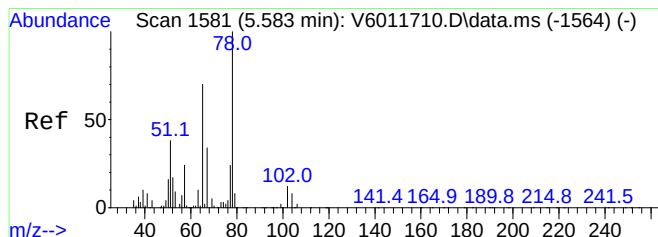
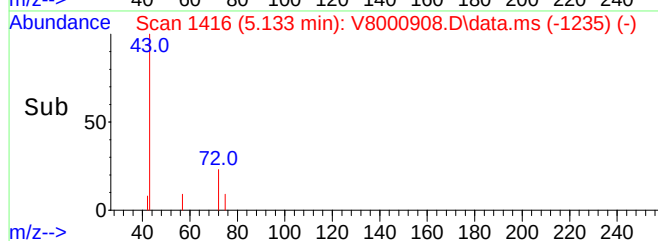
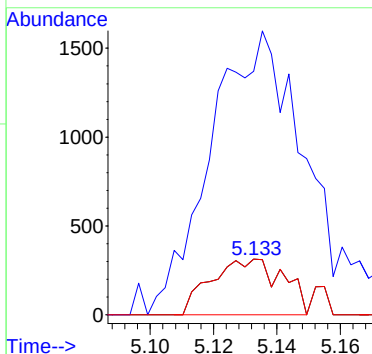
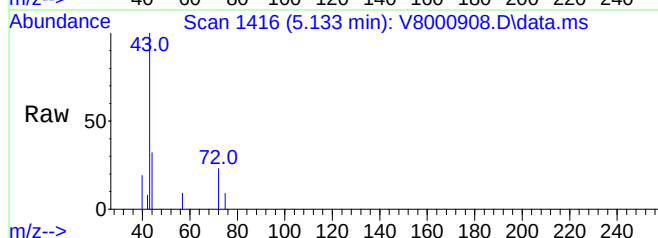
Tgt Ion: 49 Resp: 497
Ion Ratio Lower Upper
49 100
84 63.4 51.5 107.1
86 24.1 34.1 70.7#
51 50.7 18.4 38.2#





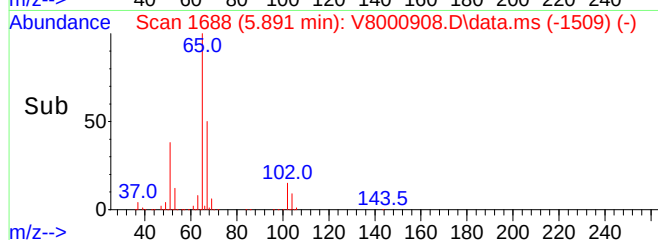
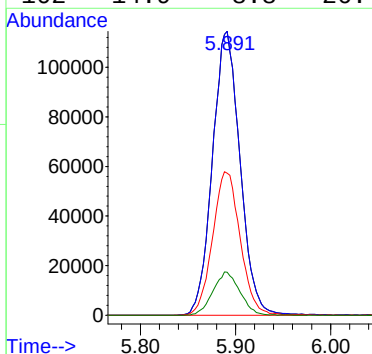
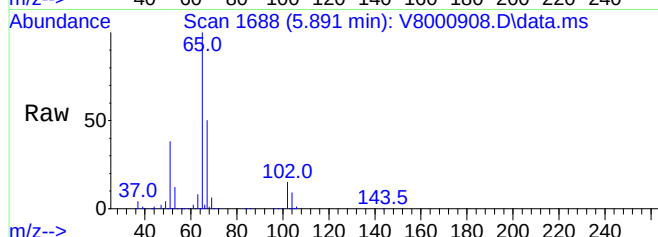
#26
2-Butanone
Concen: Below Cal
RT: 5.133 min Scan# 1416
Delta R.T. 0.004 min
Lab File: V8000908.D
Acq: 7 May 2016 12:27 am

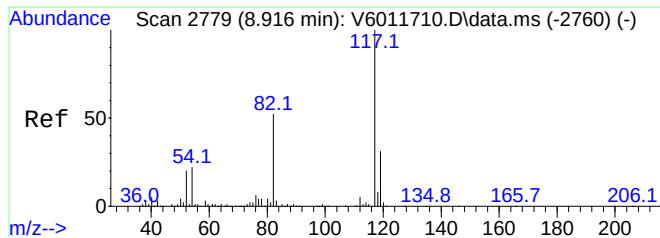
Tgt Ion: 72 Resp: 495
Ion Ratio Lower Upper
72 100
43 703.4 260.7 391.1#
72 100.0 50.0 150.0



#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.75 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000908.D
Acq: 7 May 2016 12:27 am

Tgt Ion: 65 Resp: 231176
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 50.6 31.3 65.1
102 14.9 8.8 26.4

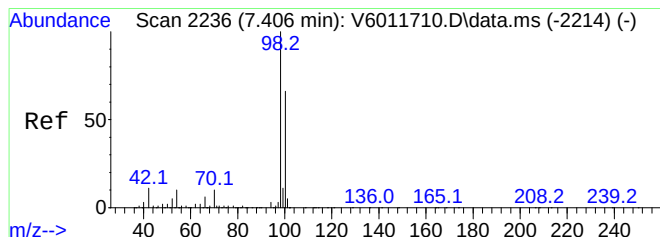
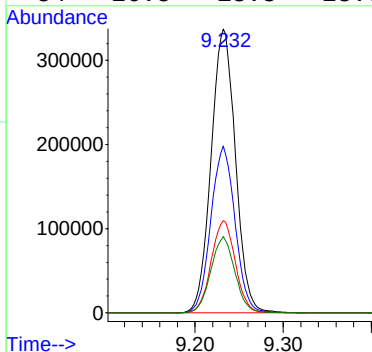
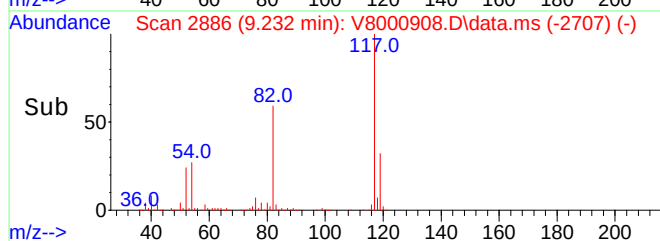
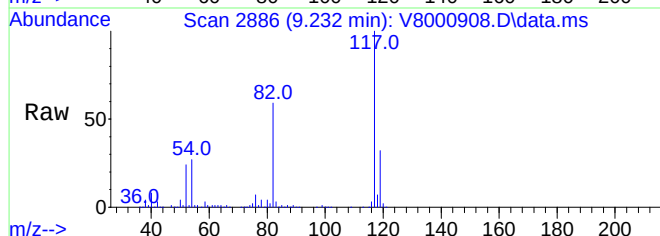




#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. -0.000 min
 Lab File: V8000908.D
 Acq: 7 May 2016 12:27 am

Tgt Ion: 117 Resp: 648457

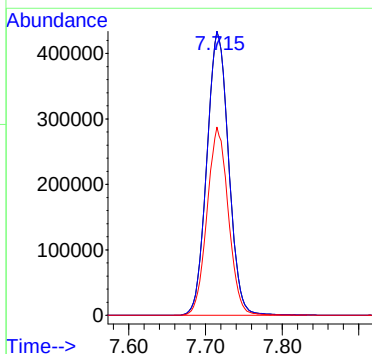
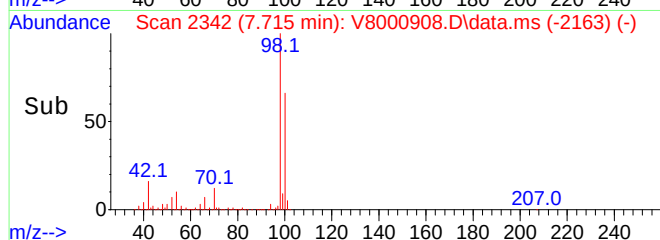
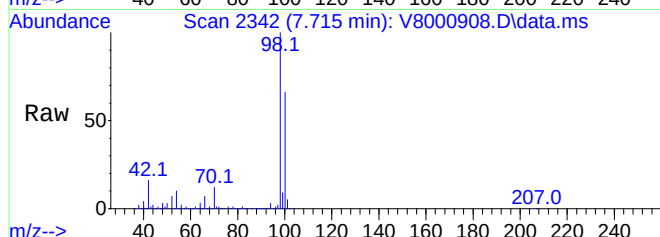
Ion	Ratio	Lower	Upper
117	100		
82	58.4	34.0	70.6
119	32.2	21.5	44.7
54	26.5	13.8	28.6

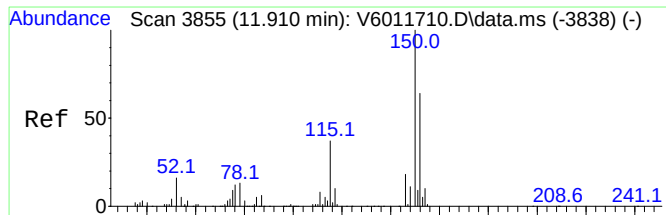


#51
 Toluene-d8 (SURR)
 Concen: 10.86 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000908.D
 Acq: 7 May 2016 12:27 am

Tgt Ion: 98 Resp: 857529

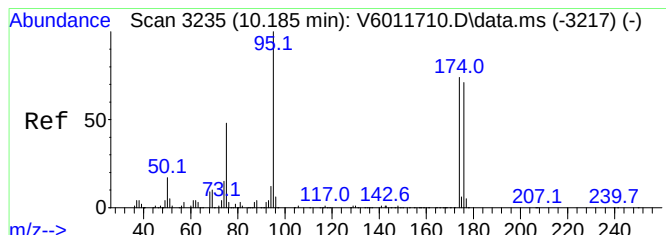
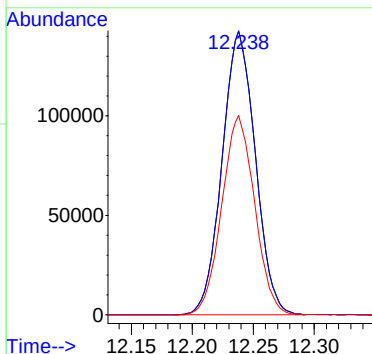
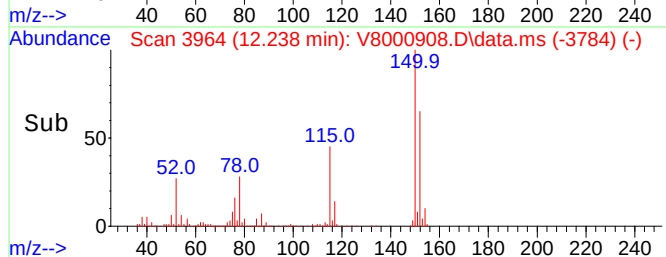
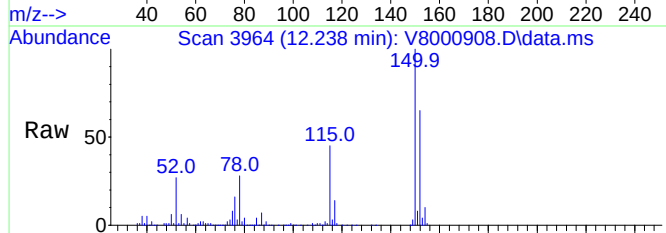
Ion	Ratio	Lower	Upper
98	100		
98	100.0	65.0	135.0
100	64.7	42.8	89.0





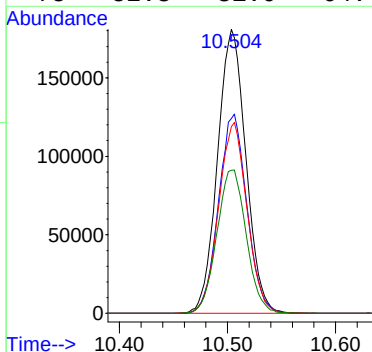
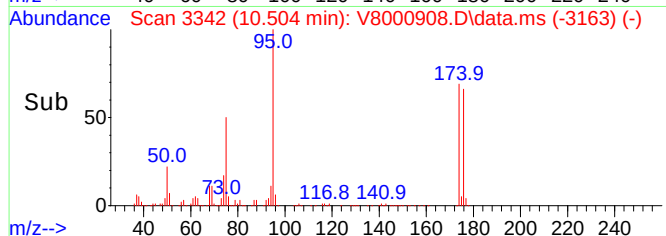
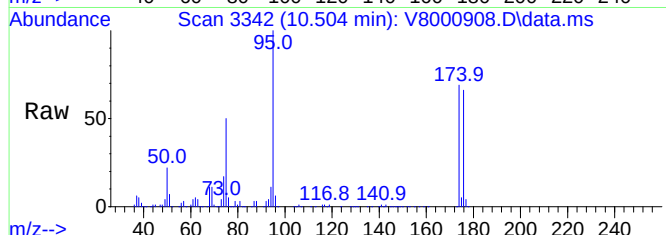
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1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000908.D
Acq: 7 May 2016 12:27 am

Tgt Ion: 152 Resp: 270182
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.5 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.63 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000908.D
Acq: 7 May 2016 12:27 am

Tgt Ion: 95 Resp: 330876
Ion Ratio Lower Upper
95 100
174 70.2 47.8 99.4
176 67.4 46.3 96.1
75 52.3 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

6D

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-18 File ID: V8000909.D
 Sampled: 04/28/16 08:45 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:53
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.27	J
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

6D

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003

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

Matrix: Water Laboratory ID: 16E0003-18 File ID: V8000909.D

Sampled: 04/28/16 08:45 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:53

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.34	J
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000909.D
 Acq On : 7 May 2016 12:53 am
 Operator : BK
 Sample : 16E0003-18
 Misc : V8050616B 8260 LOW A
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 09 12:43:46 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

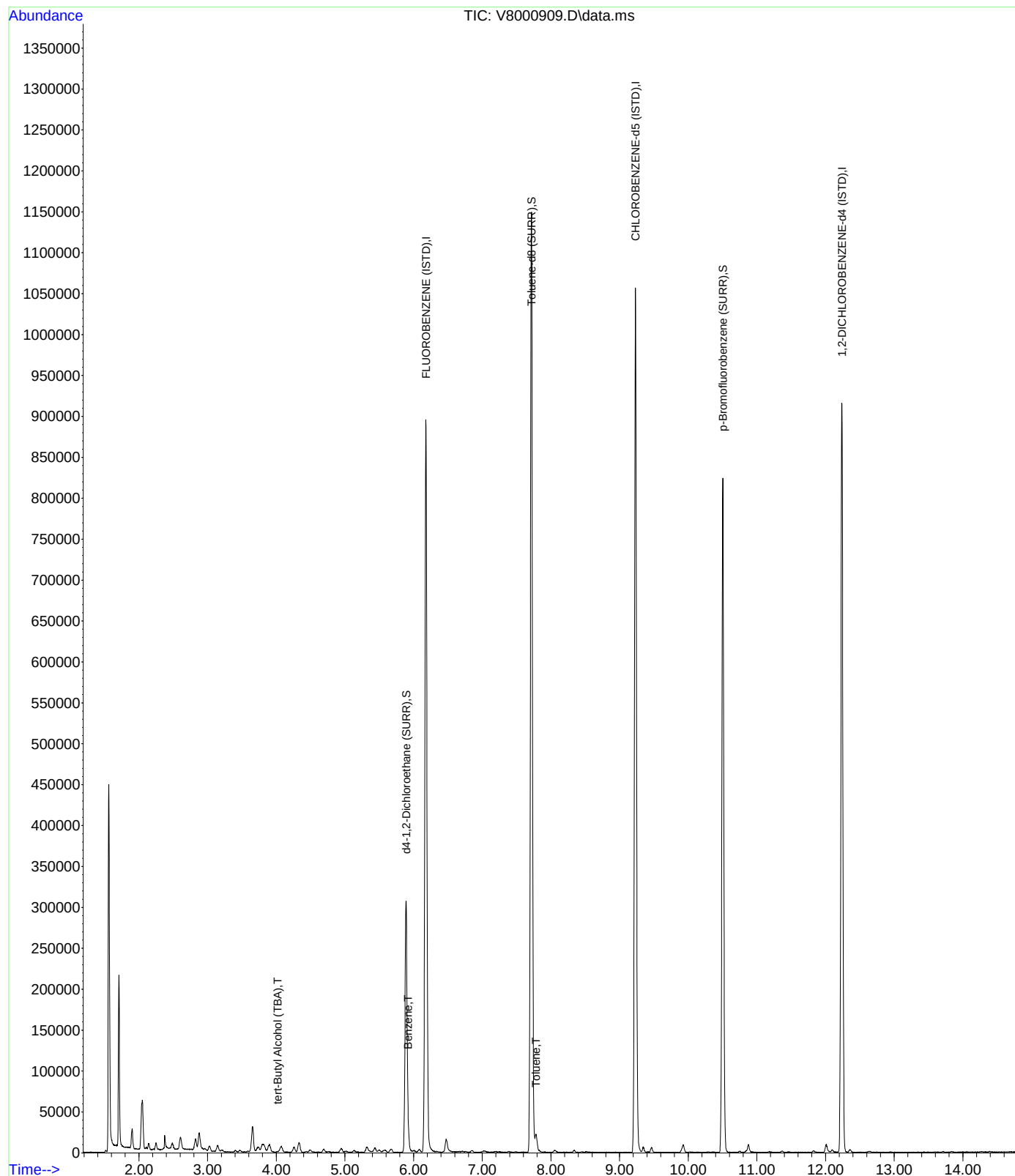
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

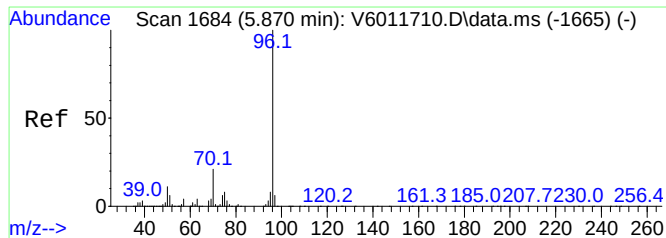
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	178614	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	640383	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	266585	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	236543	11.06	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	110.60%	
51) Toluene-d8 (SURR)	7.718	98	840069	10.77	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	107.70%	
70) p-Bromofluorobenzene (...)	10.504	95	327564	11.67	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	116.70%	
Target Compounds						
12) Acetone	3.465	43	3029	Below Cal	#	94
13) Iodomethane	3.535	142	39	Below Cal		97
16) tert-Butyl Alcohol (TBA)	4.020	59	745m	0.97	ppb	
17) Methylene Chloride	3.886	49	903	Below Cal	#	80
26) 2-Butanone	5.127	72	418	Below Cal	#	1
38) Benzene	5.916	78	13393	0.27	ppb	# 1
52) Toluene	7.779	91	14663	0.34	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000909.D
Acq On : 7 May 2016 12:53 am
Operator : BK
Sample : 16E0003-18
Misc : V8050616B 8260 LOW A
ALS Vial : 39 Sample Multiplier: 1

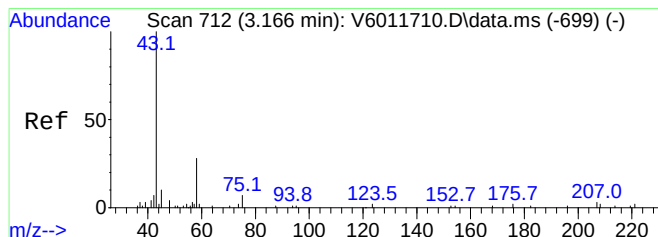
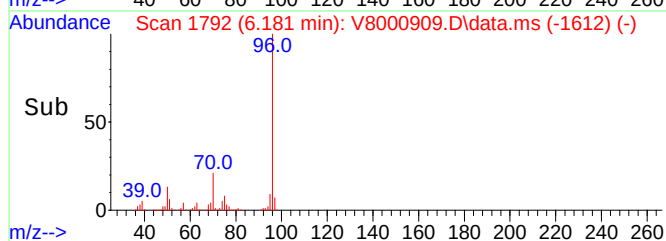
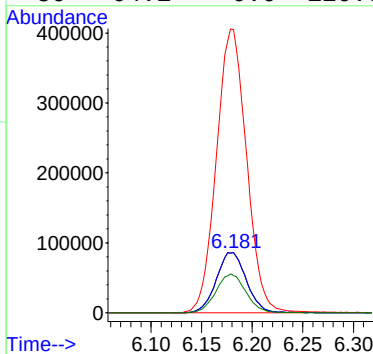
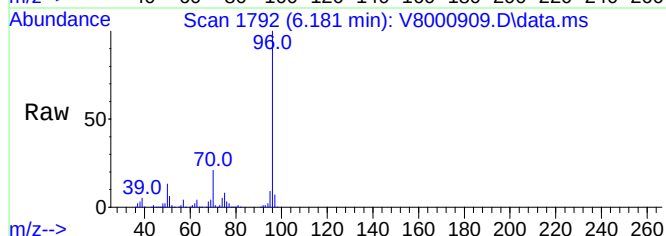
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Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





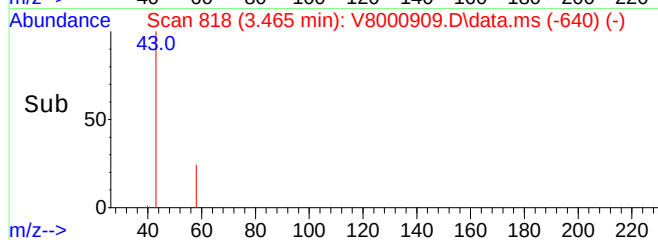
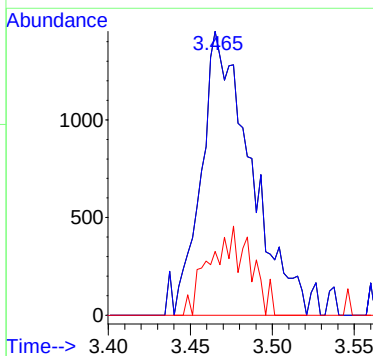
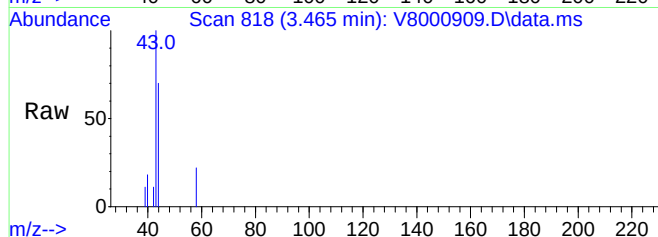
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.181 min Scan# 1792
 Delta R.T. 0.001 min
 Lab File: V8000909.D
 Acq: 7 May 2016 12:53 am

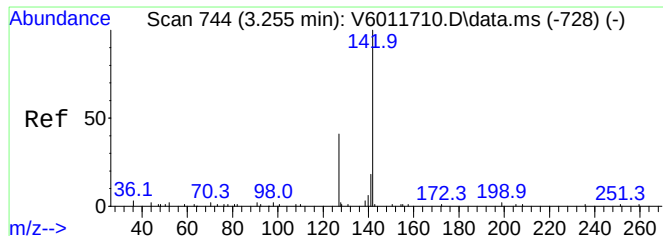
Tgt Ion: 70 Resp: 178614
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 472.1 343.3 713.1
 50 64.1 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.465 min Scan# 818
 Delta R.T. -0.004 min
 Lab File: V8000909.D
 Acq: 7 May 2016 12:53 am

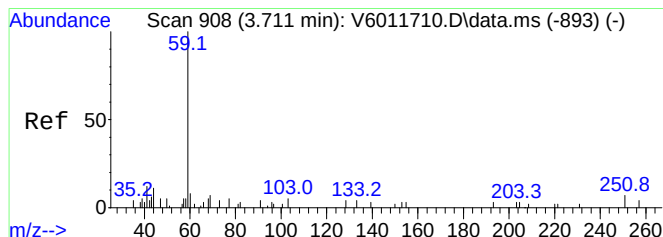
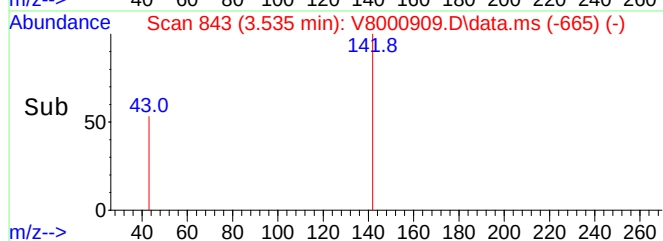
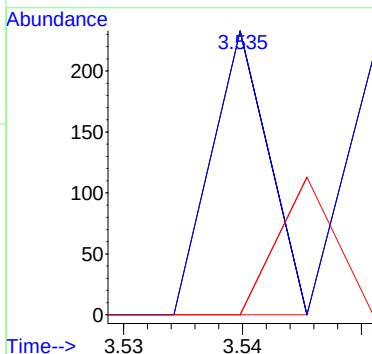
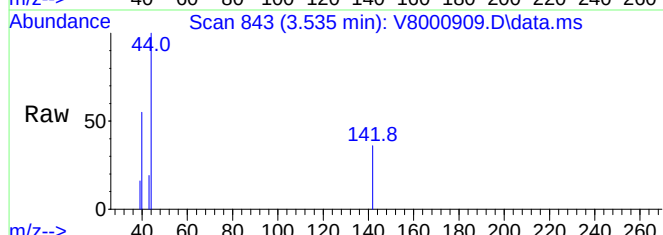
Tgt Ion: 43 Resp: 3029
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 13.2 13.9 41.6#





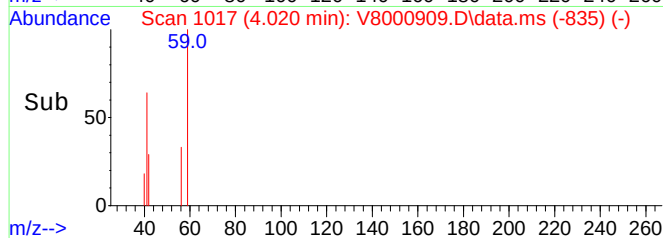
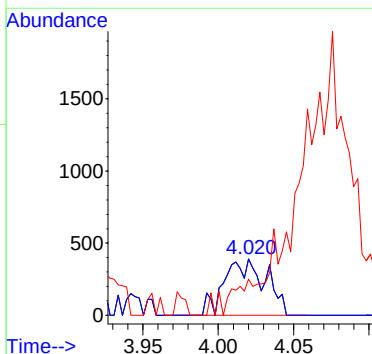
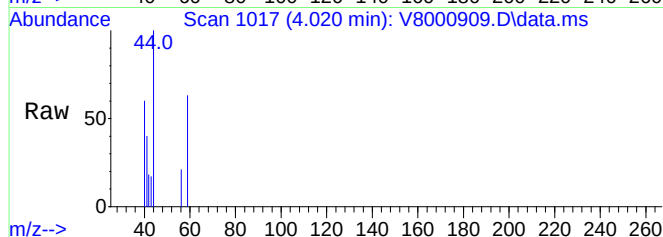
#13
Iodomethane
Concen: Below Cal
RT: 3.535 min Scan# 843
Delta R.T. -0.004 min
Lab File: V8000909.D
Acq: 7 May 2016 12:53 am

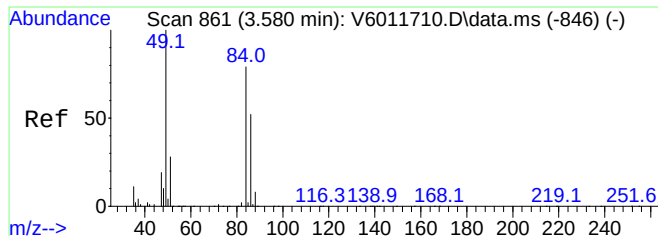
Tgt Ion: 142 Resp: 39
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 48.7 20.8 62.2



#16
tert-Butyl Alcohol (TBA)
Concen: 0.97 ppb m
RT: 4.020 min Scan# 1017
Delta R.T. 0.009 min
Lab File: V8000909.D
Acq: 7 May 2016 12:53 am

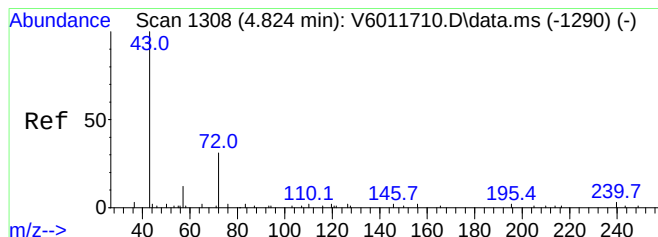
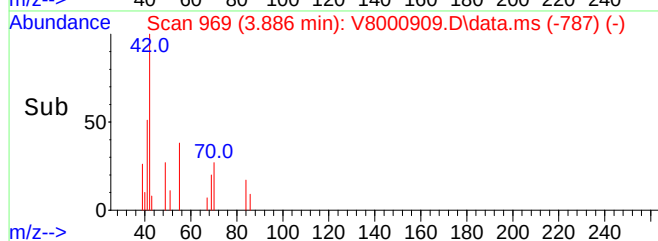
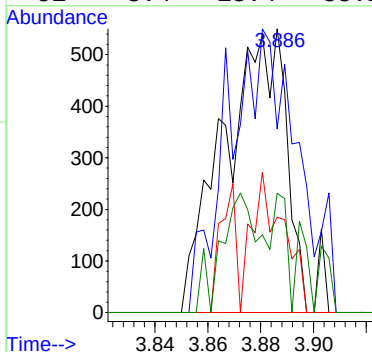
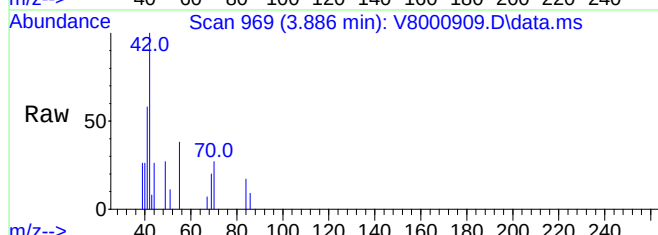
Tgt Ion: 59 Resp: 745
Ion Ratio Lower Upper
59 100
59 44.8 65.0 135.0#
41 0.0 6.0 18.0#





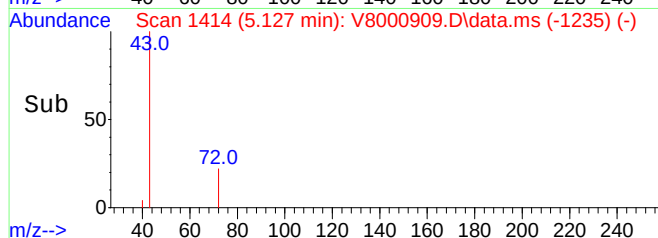
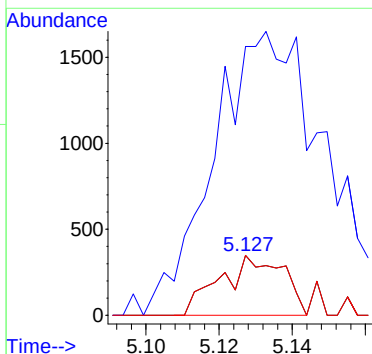
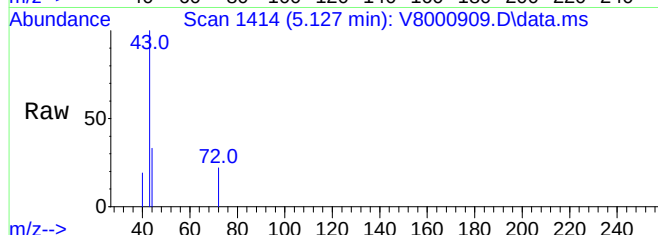
#17
Methylene Chloride
Concen: Below Cal
RT: 3.886 min Scan# 969
Delta R.T. 0.009 min
Lab File: V8000909.D
Acq: 7 May 2016 12:53 am

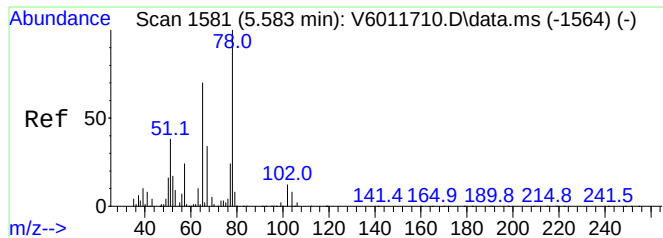
Tgt Ion: 49 Resp: 903
Ion Ratio Lower Upper
49 100
84 77.7 51.5 107.1
86 24.9 34.1 70.7#
51 8.4 18.4 38.2#



#26
2-Butanone
Concen: Below Cal
RT: 5.127 min Scan# 1414
Delta R.T. -0.001 min
Lab File: V8000909.D
Acq: 7 May 2016 12:53 am

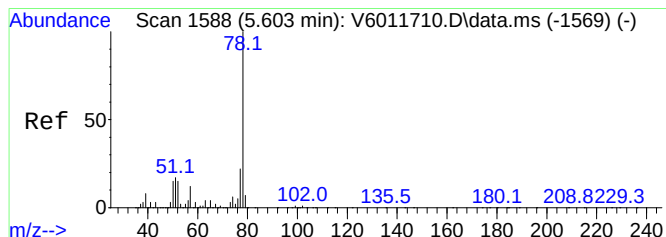
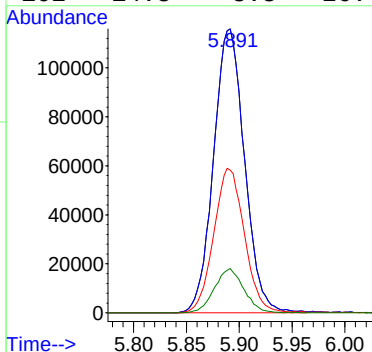
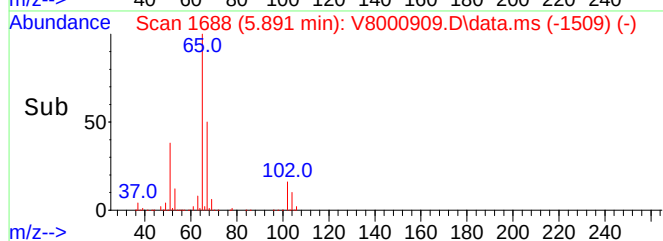
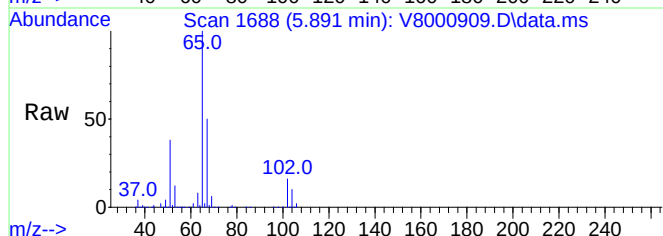
Tgt Ion: 72 Resp: 418
Ion Ratio Lower Upper
72 100
43 872.5 260.7 391.1#
72 100.0 50.0 150.0





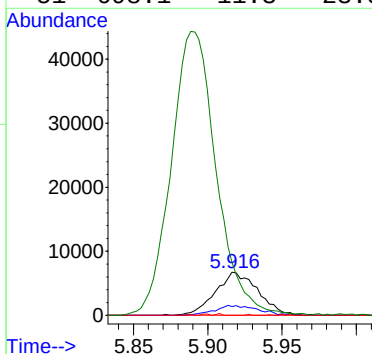
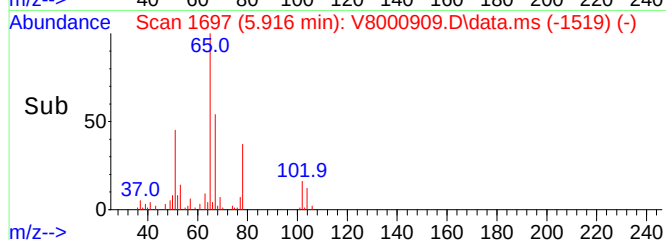
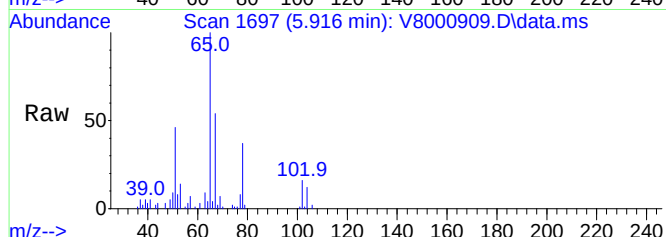
#34
d4-1,2-Dichloroethane (SURR)
Concen: 11.06 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.001 min
Lab File: V8000909.D
Acq: 7 May 2016 12:53 am

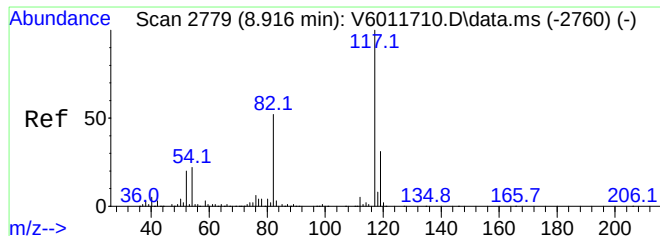
Tgt Ion: 65 Resp: 236543
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 0.0 31.3 65.1#
102 14.8 8.8 26.4



#38
Benzene
Concen: 0.27 ppb
RT: 5.916 min Scan# 1697
Delta R.T. -0.003 min
Lab File: V8000909.D
Acq: 7 May 2016 12:53 am

Tgt Ion: 78 Resp: 13393
Ion Ratio Lower Upper
78 100
77 23.6 14.4 30.0
62 0.0 0.6 1.2#
51 698.1 11.3 23.5#

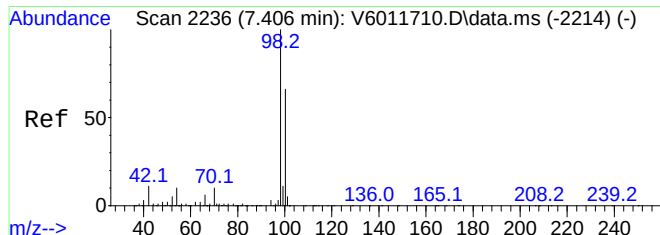
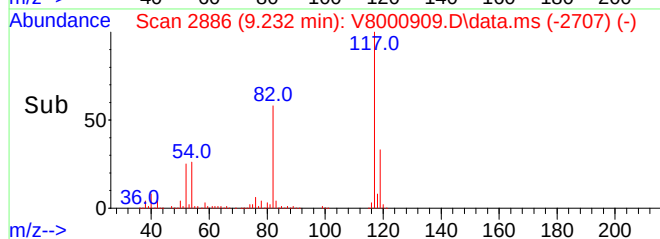
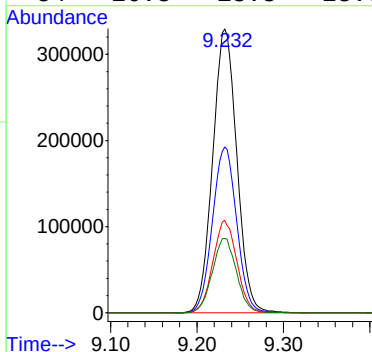
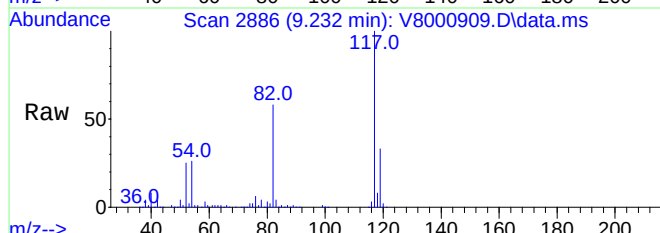




#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. 0.000 min
 Lab File: V8000909.D
 Acq: 7 May 2016 12:53 am

Tgt Ion: 117 Resp: 640383

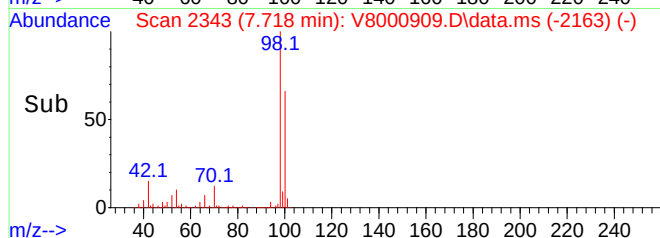
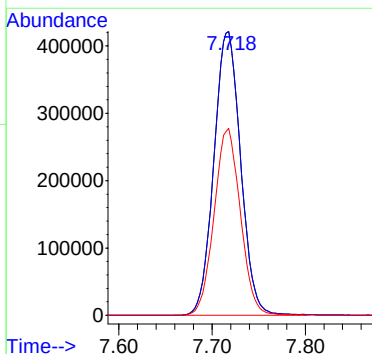
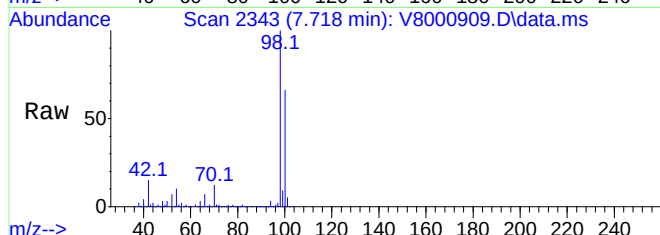
Ion	Ratio	Lower	Upper
117	100		
82	58.9	34.0	70.6
119	32.3	21.5	44.7
54	26.3	13.8	28.6

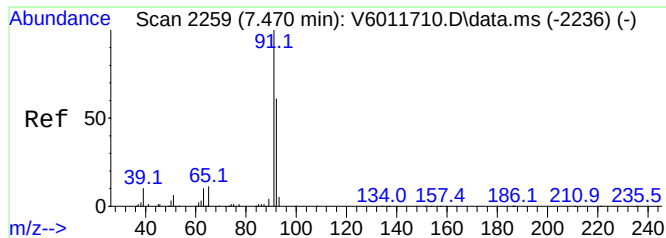


#51
 Toluene-d8 (SURR)
 Concen: 10.77 ppb
 RT: 7.718 min Scan# 2343
 Delta R.T. 0.003 min
 Lab File: V8000909.D
 Acq: 7 May 2016 12:53 am

Tgt Ion: 98 Resp: 840069

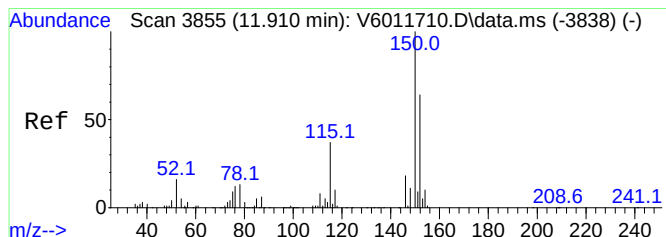
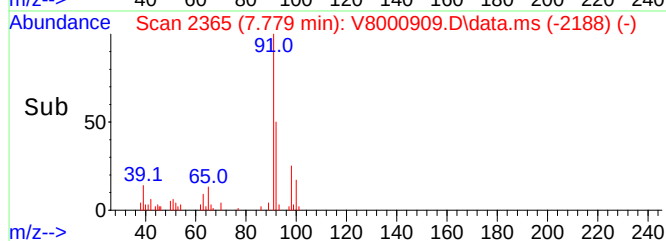
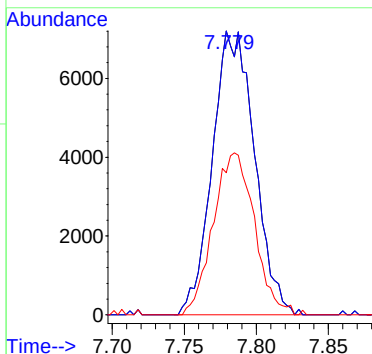
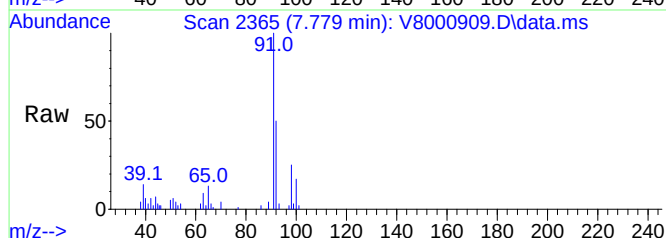
Ion	Ratio	Lower	Upper
98	100		
98	100.0	65.0	135.0
100	64.7	42.8	89.0





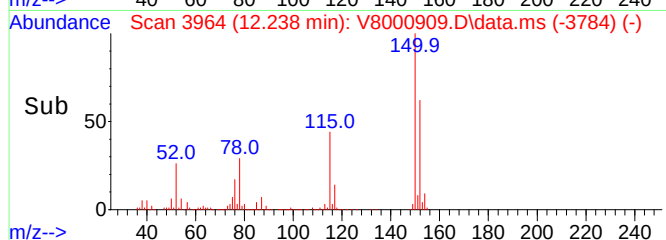
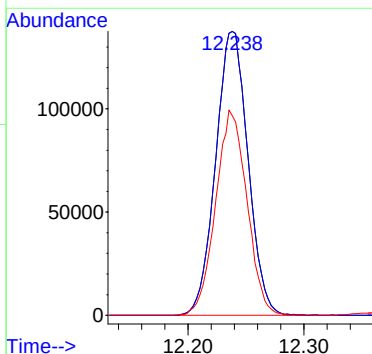
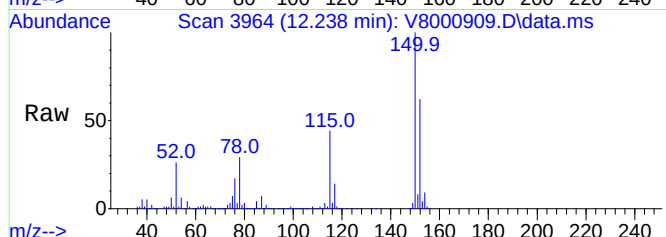
#52
Toluene
Concen: 0.34 ppb
RT: 7.779 min Scan# 2365
Delta R.T. -0.005 min
Lab File: V8000909.D
Acq: 7 May 2016 12:53 am

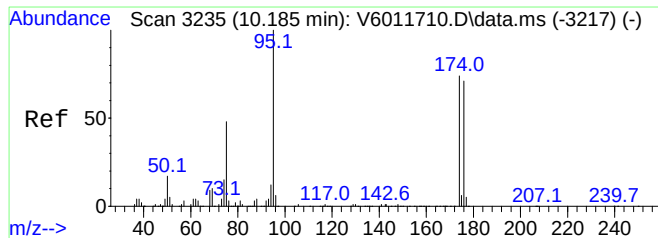
Tgt Ion: 91 Resp: 14663
Ion Ratio Lower Upper
91 100
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92 55.8 39.7 82.5



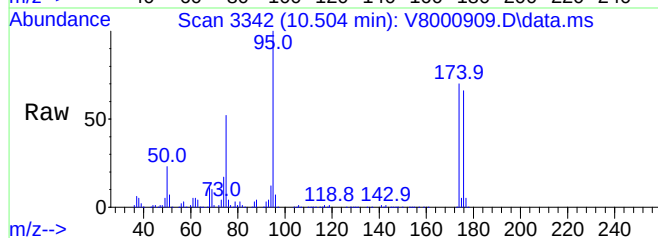
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000909.D
Acq: 7 May 2016 12:53 am

Tgt Ion: 152 Resp: 266585
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.8 31.5 94.5



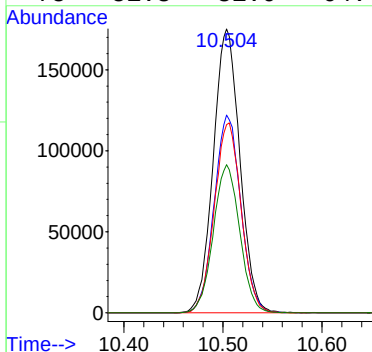
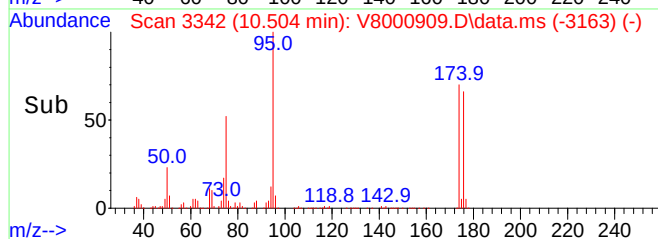


#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.67 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. 0.000 min
 Lab File: V8000909.D
 Acq: 7 May 2016 12:53 am



Tgt Ion: 95 Resp: 327564

Ion	Ratio	Lower	Upper
95	100		
174	69.5	47.8	99.4
176	67.4	46.3	96.1
75	51.8	31.0	64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

7A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-19 File ID: V8000910.D
 Sampled: 04/28/16 09:30 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 01:19
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

7A

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-19 File ID: V8000910.D
 Sampled: 04/28/16 09:30 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 01:19
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.73	
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000910.D
 Acq On : 7 May 2016 1:19 am
 Operator : BK
 Sample : 16E0003-19
 Misc : V8050616B 8260 LOW A
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 09 12:44:43 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

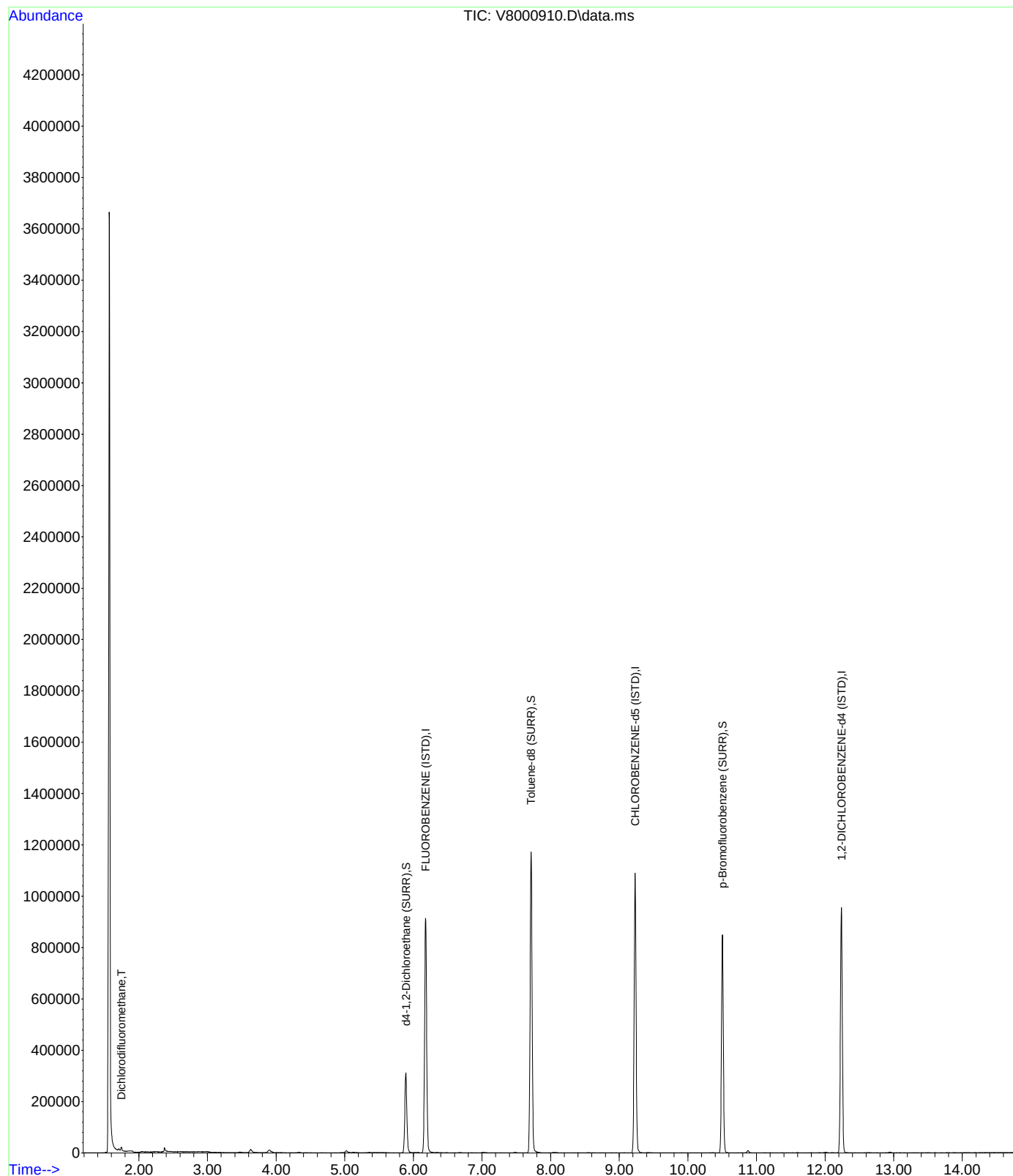
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

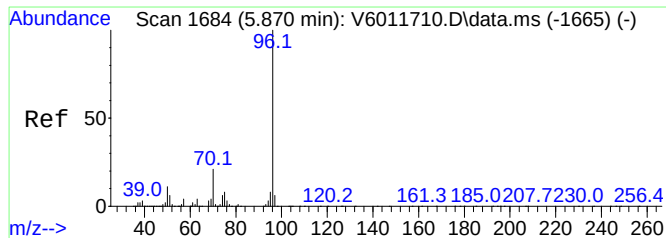
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	178319	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	648981	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	273559	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	236546	11.08	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	110.80%	
51) Toluene-d8 (SURR)	7.715	98	849471	10.75	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	107.50%	
70) p-Bromofluorobenzene (...)	10.504	95	334658	11.62	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	116.20%	
Target Compounds						
2) Dichlorodifluoromethane	1.745	85	9703	0.73	ppb	# 85
12) Acetone	3.471	43	3053	Below	Cal	# 97
13) Iodomethane	3.543	142	70	Below	Cal	# 81
17) Methylene Chloride	3.872	49	890	Below	Cal	# 76
26) 2-Butanone	5.122	72	291	Below	Cal	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000910.D
Acq On : 7 May 2016 1:19 am
Operator : BK
Sample : 16E0003-19
Misc : V8050616B 8260 LOW A
ALS Vial : 40 Sample Multiplier: 1

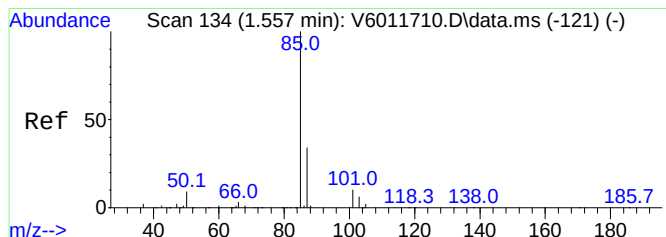
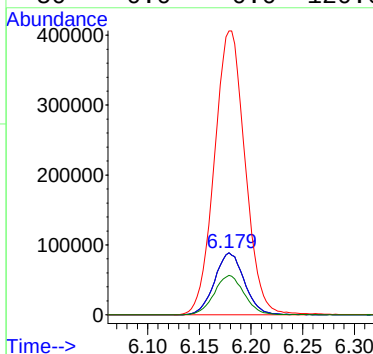
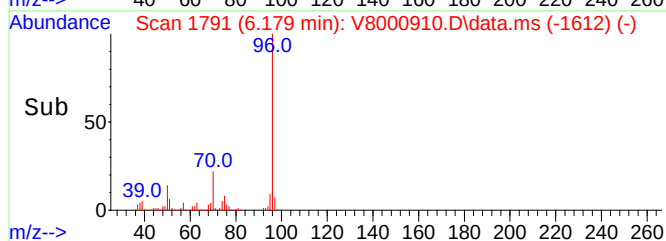
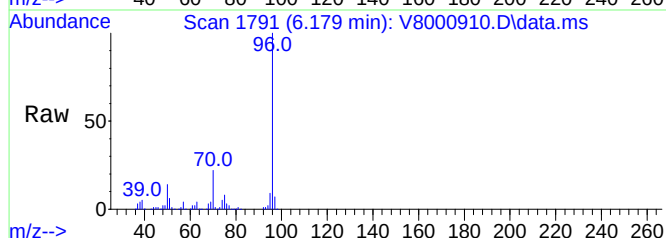
Quant Time: May 09 12:44:43 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





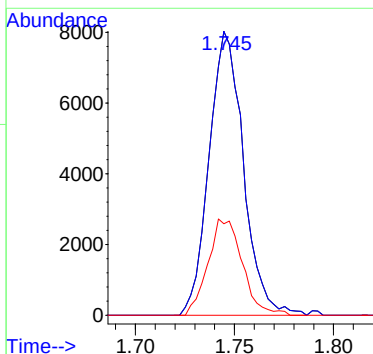
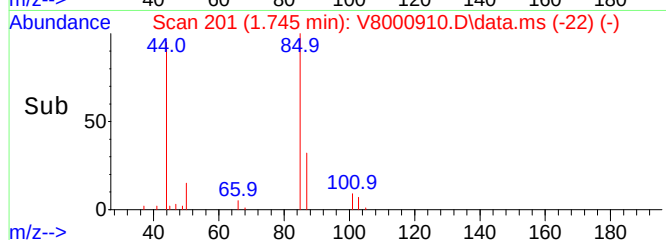
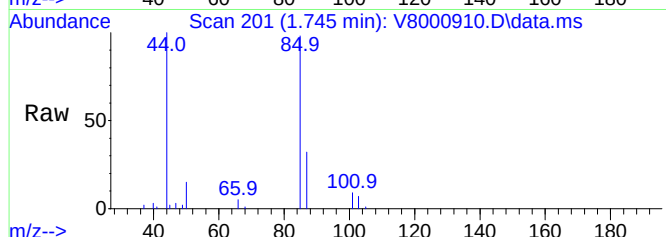
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.179 min Scan# 1791
 Delta R.T. -0.001 min
 Lab File: V8000910.D
 Acq: 7 May 2016 1:19 am

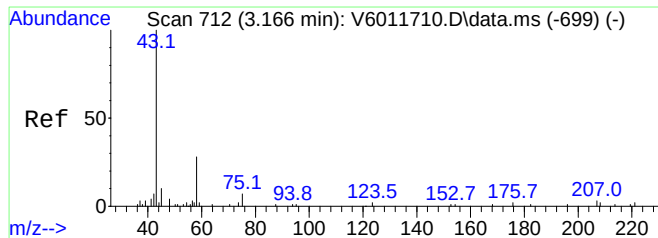
Tgt Ion: 70 Resp: 178319
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 472.1 343.3 713.1
 50 0.0 0.0 120.6



#2
 Dichlorodifluoromethane
 Concen: 0.73 ppb
 RT: 1.745 min Scan# 201
 Delta R.T. -0.001 min
 Lab File: V8000910.D
 Acq: 7 May 2016 1:19 am

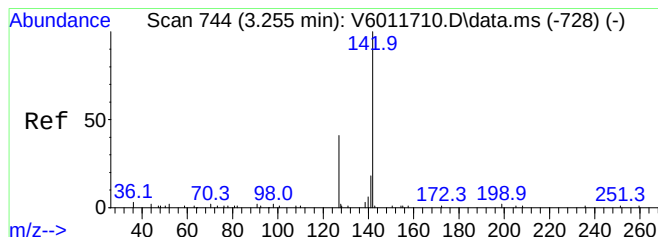
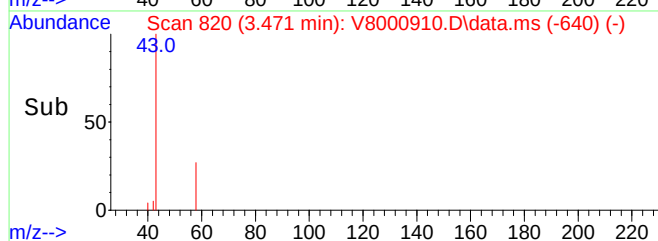
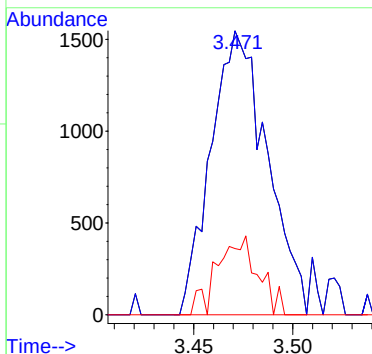
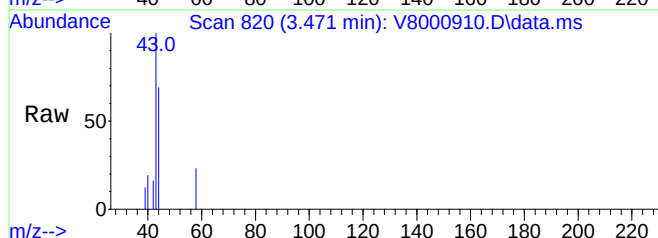
Tgt Ion: 85 Resp: 9703
 Ion Ratio Lower Upper
 85 100
 85 100.0 65.0 135.0
 87 0.0 22.4 46.6#





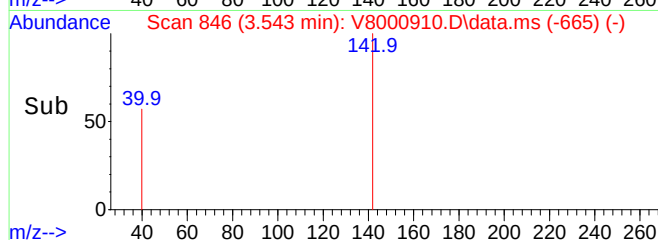
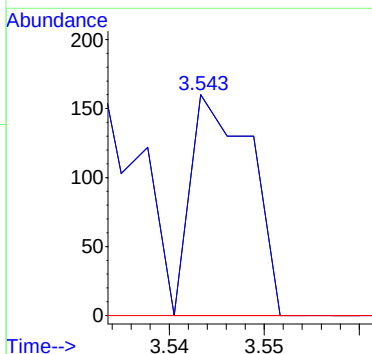
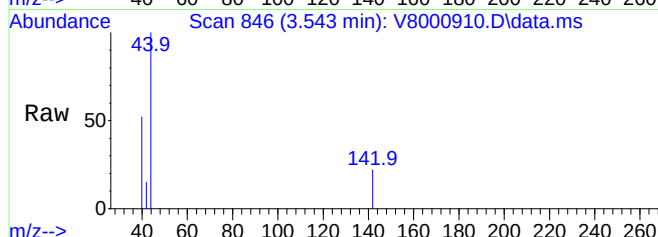
#12
Acetone
Concen: Below Cal
RT: 3.471 min Scan# 820
Delta R.T. 0.001 min
Lab File: V8000910.D
Acq: 7 May 2016 1:19 am

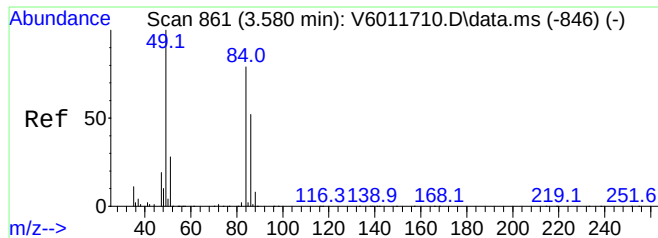
Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
43 100.0 80.0 120.0
58 20.1 13.9 41.6



#13
Iodomethane
Concen: Below Cal
RT: 3.543 min Scan# 846
Delta R.T. 0.004 min
Lab File: V8000910.D
Acq: 7 May 2016 1:19 am

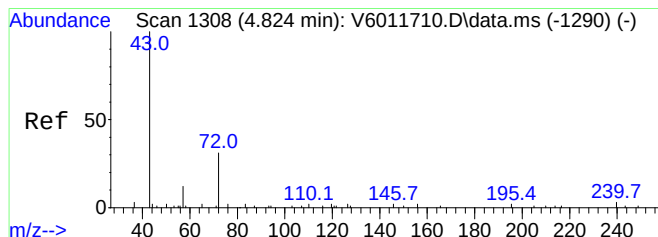
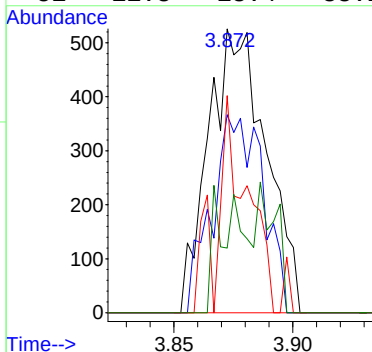
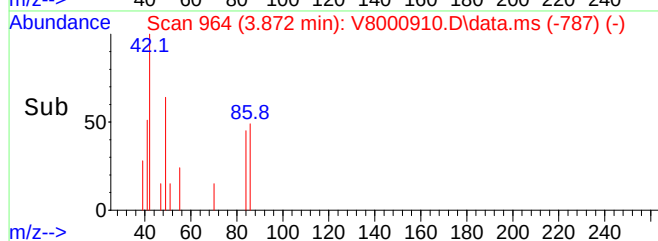
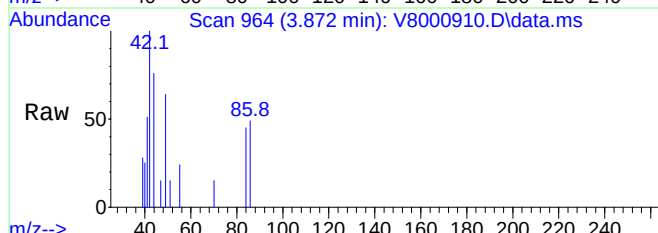
Tgt Ion: 142 Resp: 70
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#





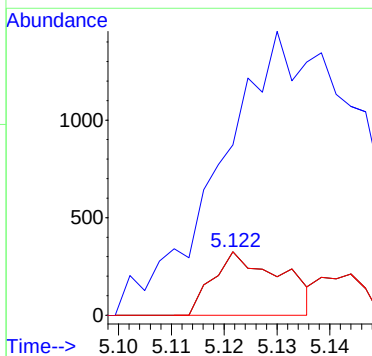
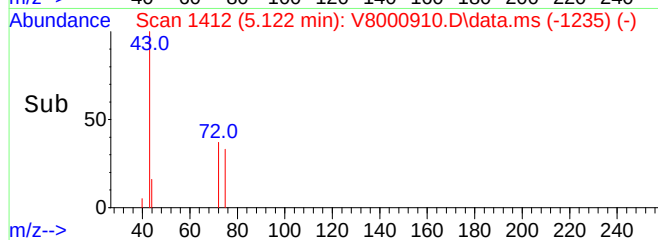
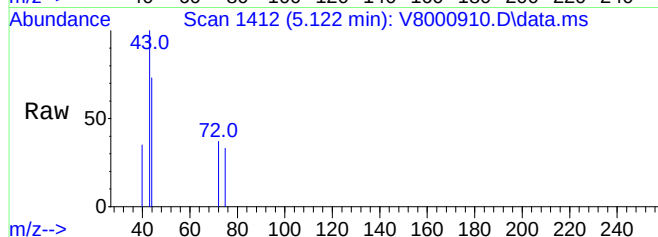
#17
Methylene Chloride
Concen: Below Cal
RT: 3.872 min Scan# 964
Delta R.T. -0.005 min
Lab File: V8000910.D
Acq: 7 May 2016 1:19 am

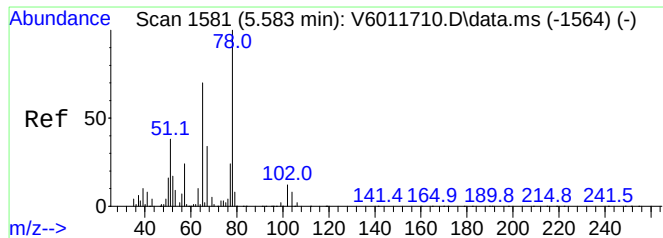
Tgt Ion: 49 Resp: 890
Ion Ratio Lower Upper
49 100
84 61.6 51.5 107.1
86 33.4 34.1 70.7#
51 11.8 18.4 38.2#



#26
2-Butanone
Concen: Below Cal
RT: 5.122 min Scan# 1412
Delta R.T. -0.007 min
Lab File: V8000910.D
Acq: 7 May 2016 1:19 am

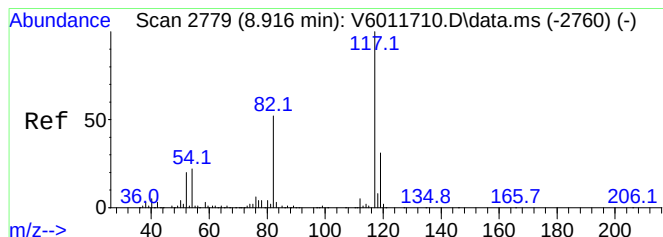
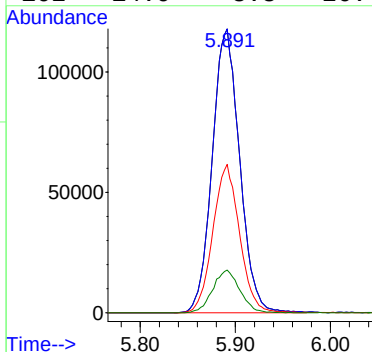
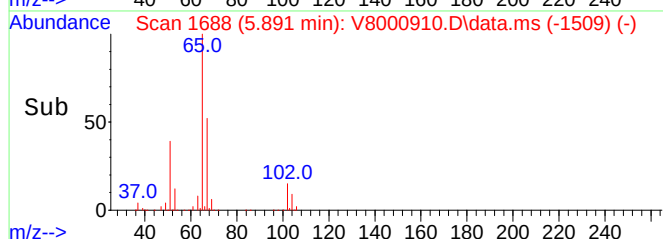
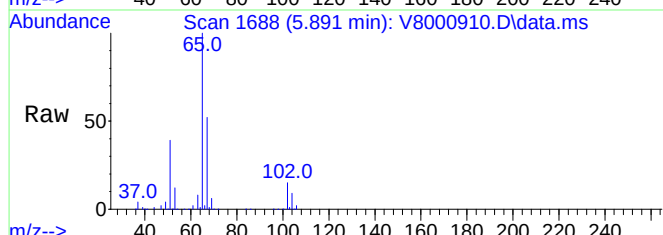
Tgt Ion: 72 Resp: 291
Ion Ratio Lower Upper
72 100
43 1020.6 260.7 391.1#
72 100.0 50.0 150.0





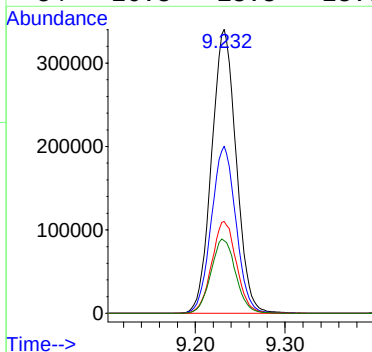
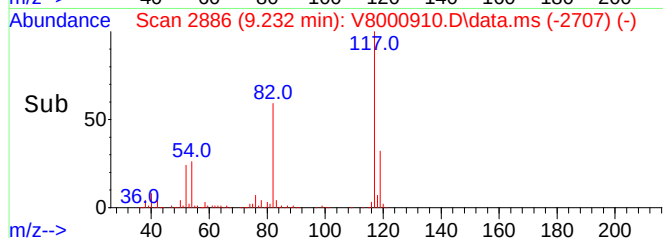
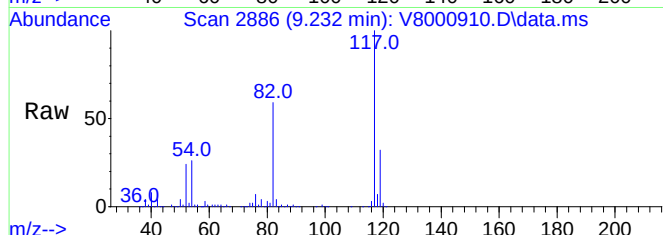
#34
d4-1,2-Dichloroethane (SURRE)
Concen: 11.08 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.001 min
Lab File: V8000910.D
Acq: 7 May 2016 1:19 am

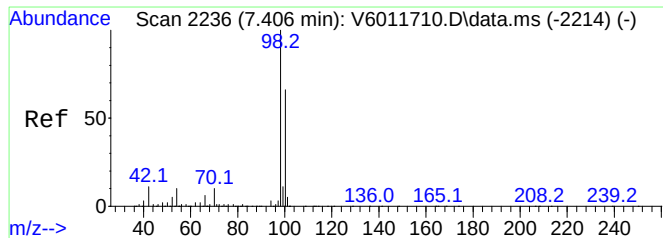
Tgt Ion: 65 Resp: 236546
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 51.0 31.3 65.1
102 14.9 8.8 26.4



#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000910.D
Acq: 7 May 2016 1:19 am

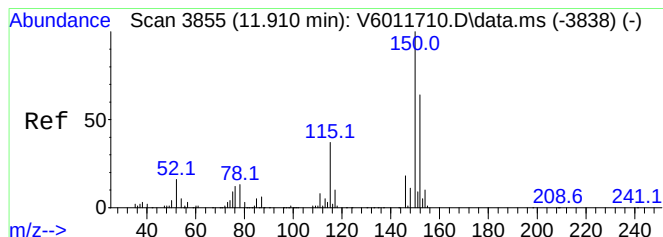
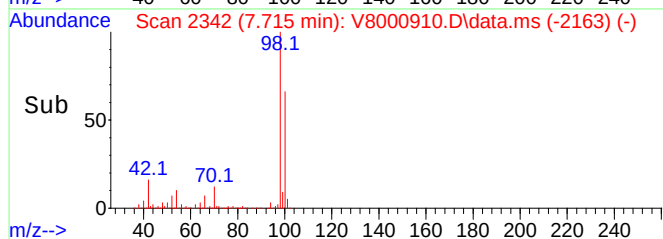
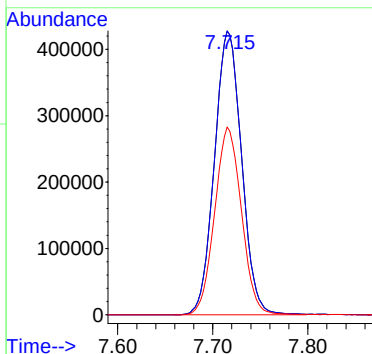
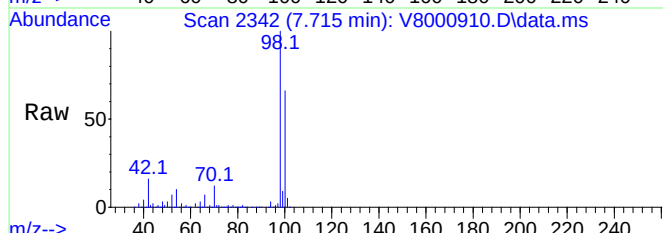
Tgt Ion: 117 Resp: 648981
Ion Ratio Lower Upper
117 100
82 59.0 34.0 70.6
119 32.5 21.5 44.7
54 26.3 13.8 28.6





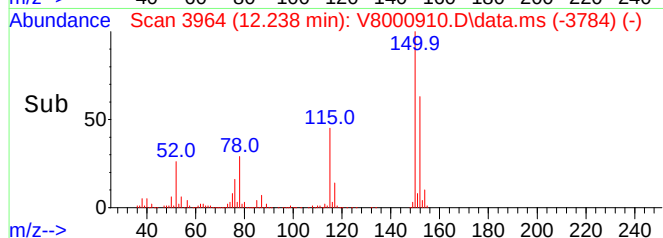
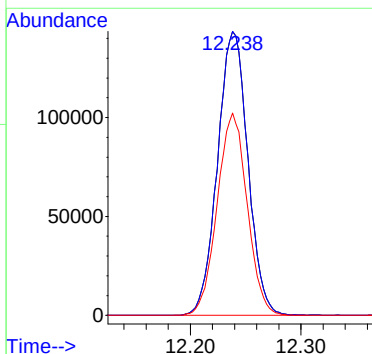
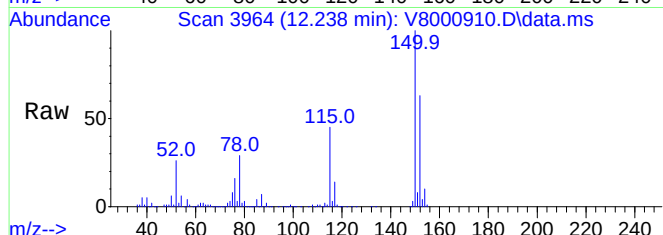
#51
Toluene-d8 (SURR)
Concen: 10.75 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000910.D
Acq: 7 May 2016 1:19 am

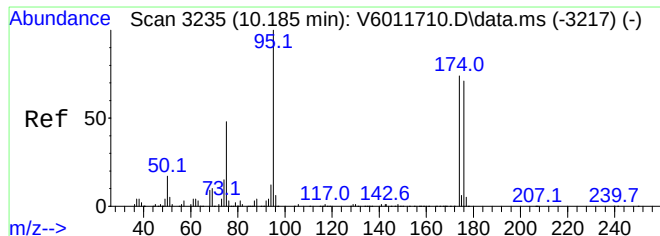
Tgt Ion: 98 Resp: 849471
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 65.2 42.8 89.0



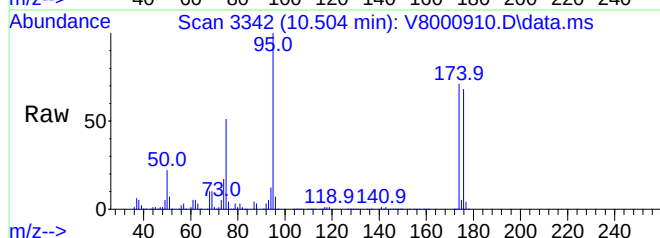
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000910.D
Acq: 7 May 2016 1:19 am

Tgt Ion: 152 Resp: 273559
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 70.4 31.5 94.5



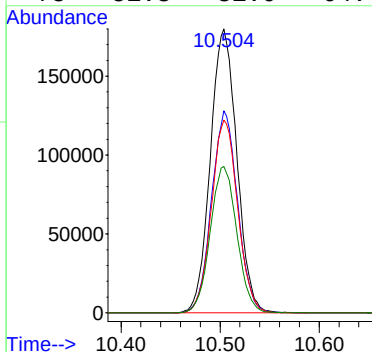
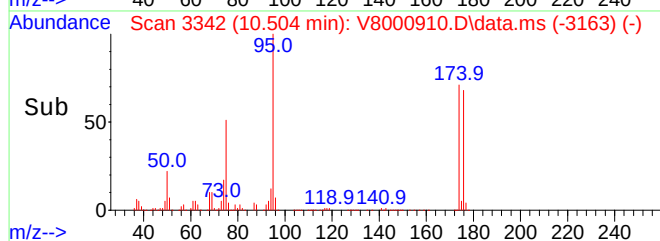


#70
 p-Bromofluorobenzene (SURR)
 Concen: 11.62 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. 0.000 min
 Lab File: V8000910.D
 Acq: 7 May 2016 1:19 am



Tgt Ion: 95 Resp: 334658

Ion	Ratio	Lower	Upper
95	100		
174	69.8	47.8	99.4
176	67.4	46.3	96.1
75	51.8	31.0	64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

7D

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-20 File ID: V8000911.D
 Sampled: 04/28/16 10:40 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 01:44
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.25	J
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	23	
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

7D

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-20 File ID: V8000911.D
 Sampled: 04/28/16 10:40 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 01:44
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000911.D
 Acq On : 7 May 2016 1:44 am
 Operator : BK
 Sample : 16E0003-20
 Misc : V8050616B 8260 LOW A
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: May 09 12:47:09 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

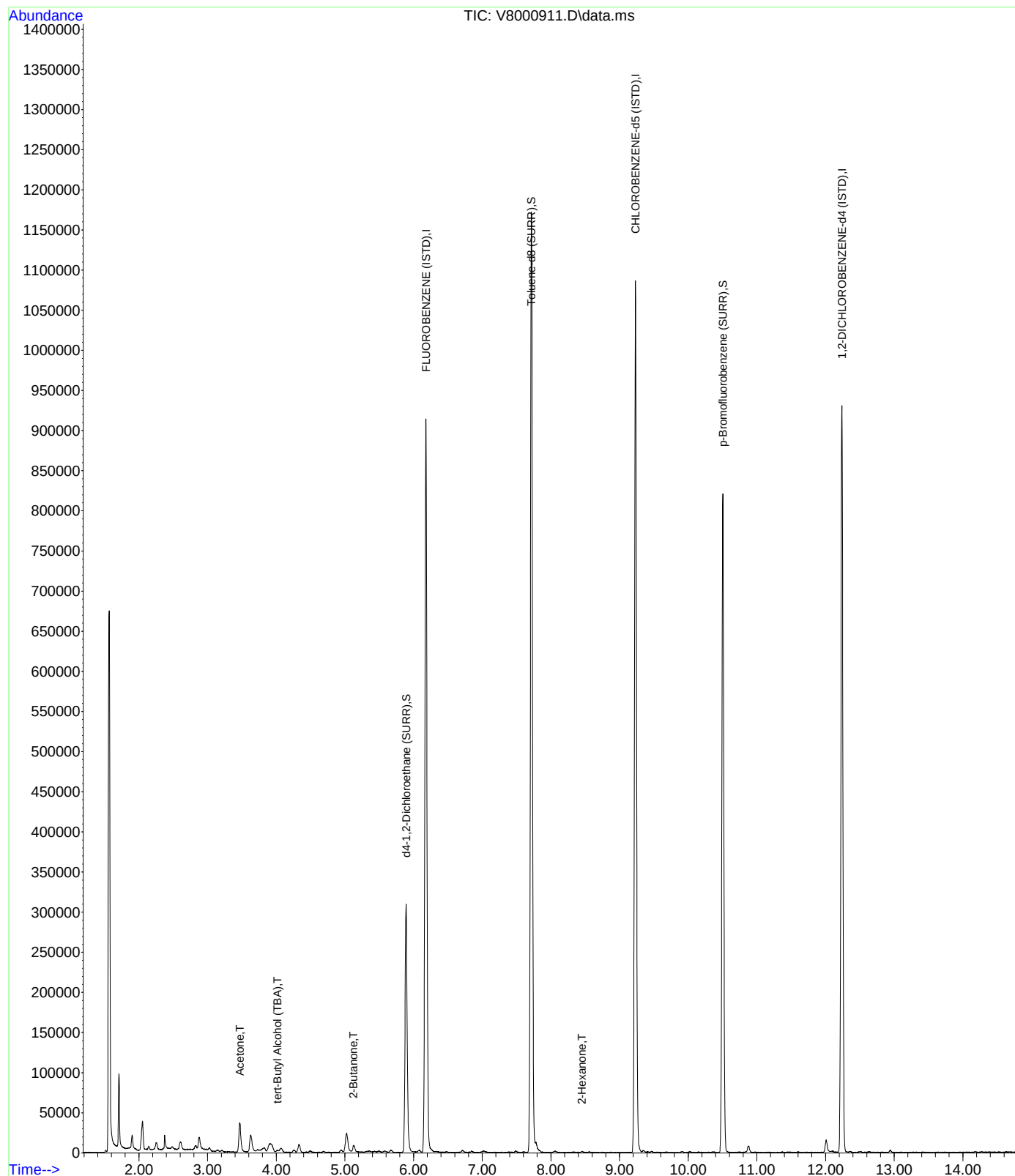
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

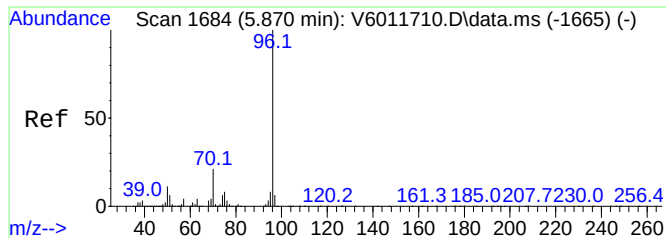
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	181188	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	650368	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	270614	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	236334	10.89	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	108.90%		
51) Toluene-d8 (SURR)	7.715	98	853230	10.77	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.70%		
70) p-Bromofluorobenzene (...)	10.504	95	331792	11.64	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	116.40%		
Target Compounds						
12) Acetone	3.468	43	51099	23.21	ppb	Qvalue 99
13) Iodomethane	3.540	142	50	Below Cal	#	81
16) tert-Butyl Alcohol (TBA)	4.017	59	2742m	3.52	ppb	
17) Methylene Chloride	3.875	49	1079	Below Cal	#	86
26) 2-Butanone	5.121	72	2259	0.74	ppb	# 32
57) 2-Hexanone	8.451	43	1169	0.25	ppb	# 67

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000911.D
Acq On : 7 May 2016 1:44 am
Operator : BK
Sample : 16E0003-20
Misc : V8050616B 8260 LOW A
ALS Vial : 41 Sample Multiplier: 1

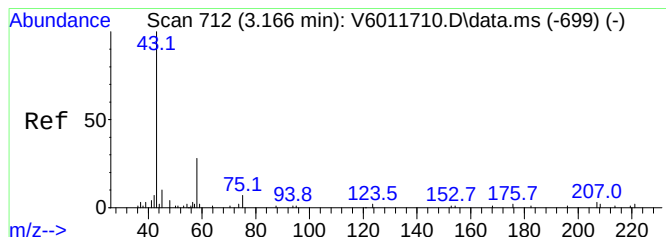
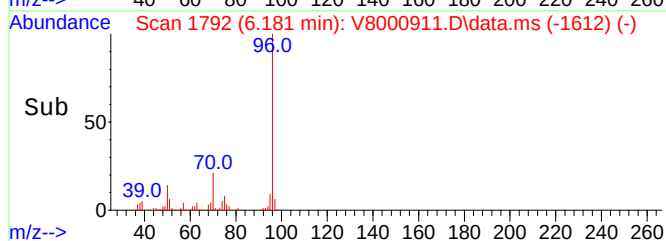
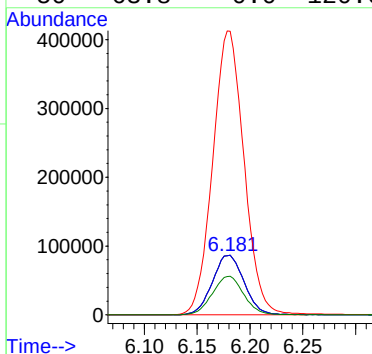
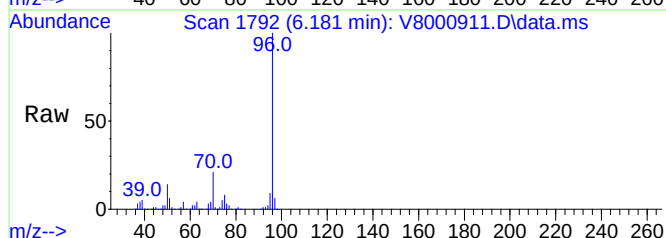
Quant Time: May 09 12:47:09 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





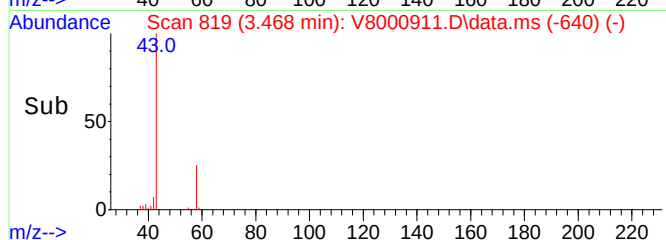
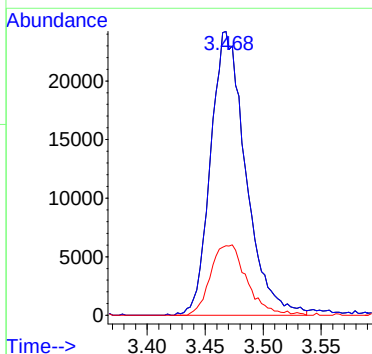
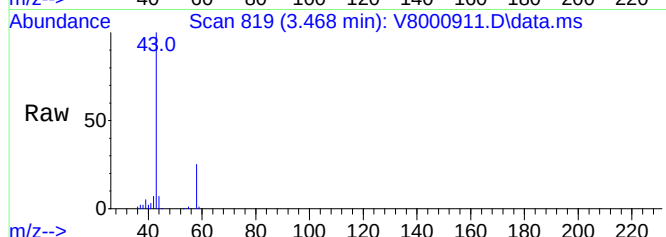
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.181 min Scan# 1792
 Delta R.T. 0.001 min
 Lab File: V8000911.D
 Acq: 7 May 2016 1:44 am

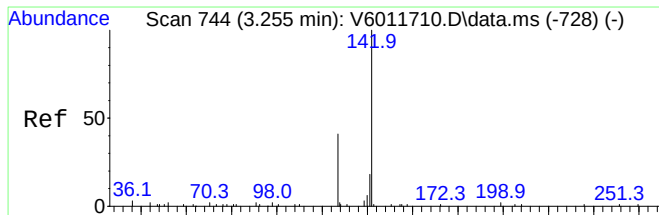
Tgt Ion: 70 Resp: 181188
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 468.9 343.3 713.1
 50 63.8 0.0 120.6



#12
 Acetone
 Concen: 23.21 ppb
 RT: 3.468 min Scan# 819
 Delta R.T. -0.002 min
 Lab File: V8000911.D
 Acq: 7 May 2016 1:44 am

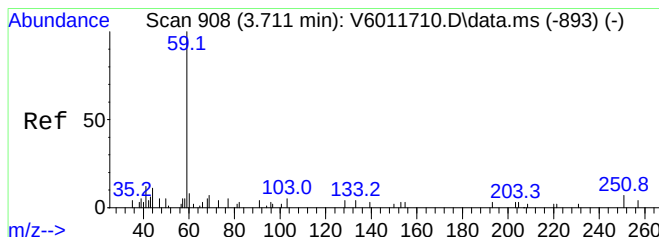
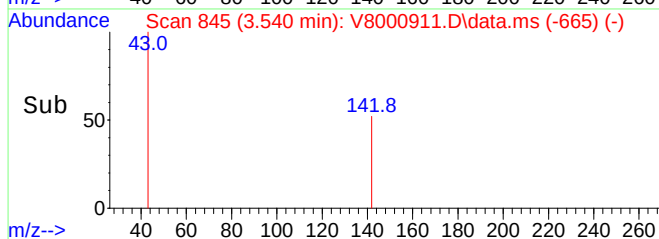
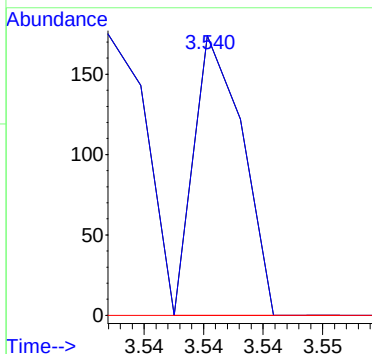
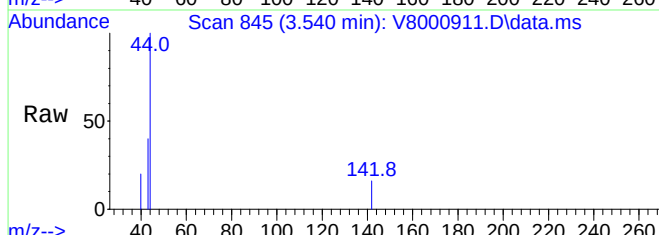
Tgt Ion: 43 Resp: 51099
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 25.5 13.9 41.6





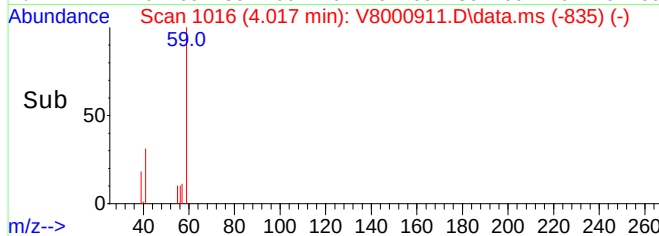
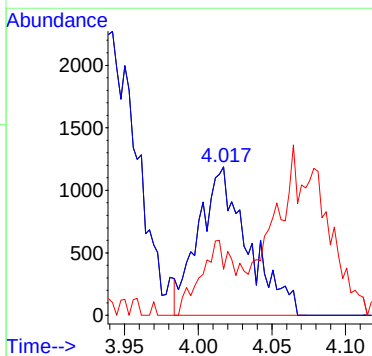
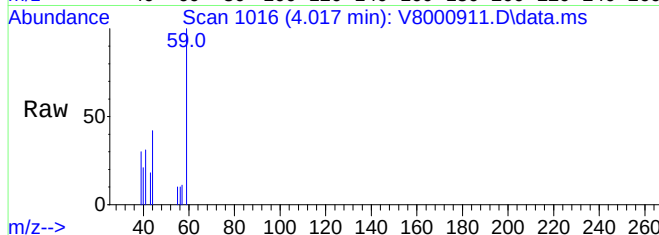
#13
Iodomethane
Concen: Below Cal
RT: 3.540 min Scan# 845
Delta R.T. 0.001 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

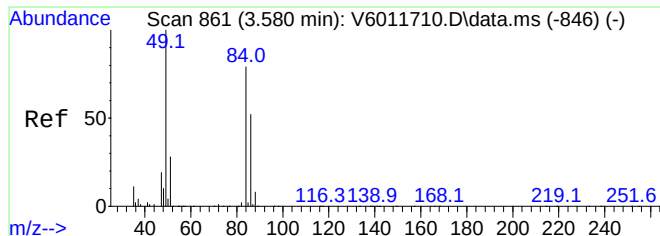
Tgt Ion: 142 Resp: 50
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#



#16
tert-Butyl Alcohol (TBA)
Concen: 3.52 ppb m
RT: 4.017 min Scan# 1016
Delta R.T. 0.006 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

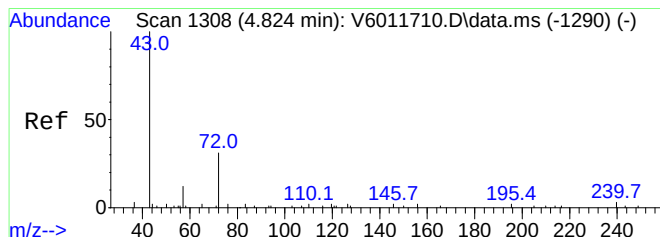
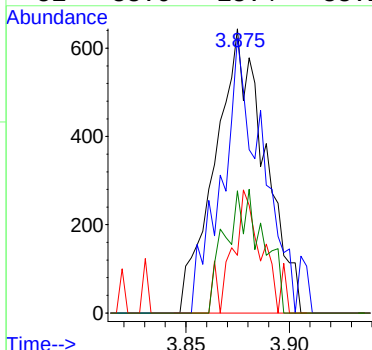
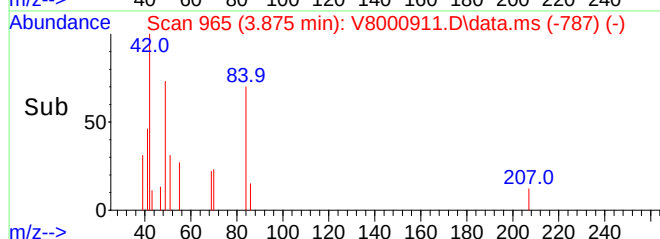
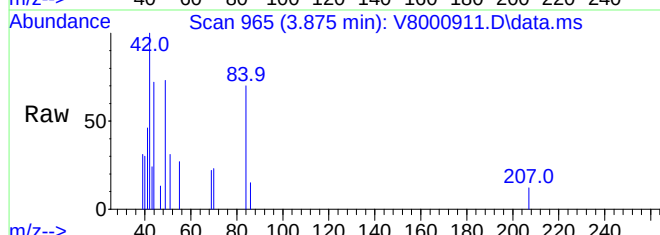
Tgt Ion: 59 Resp: 2742
Ion Ratio Lower Upper
59 100
59 62.1 65.0 135.0#
41 37.8 6.0 18.0#





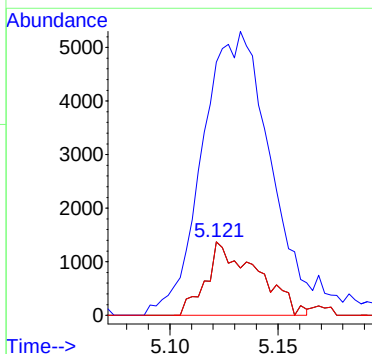
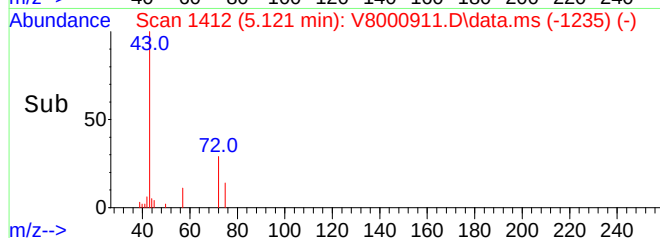
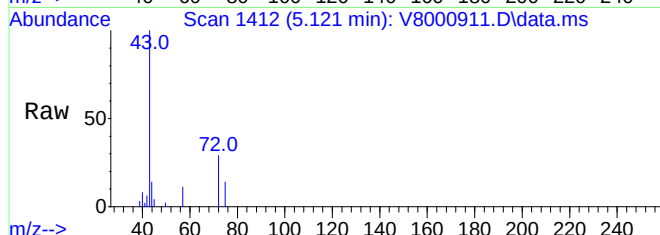
#17
Methylene Chloride
Concen: Below Cal
RT: 3.875 min Scan# 965
Delta R.T. -0.003 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

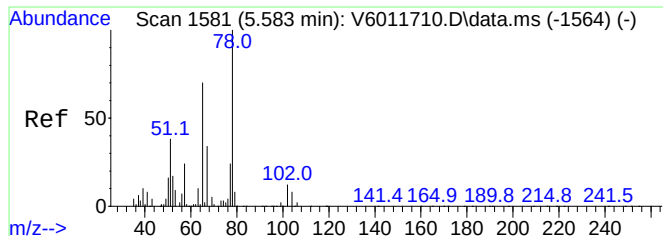
Tgt Ion: 49 Resp: 1079
Ion Ratio Lower Upper
49 100
84 78.3 51.5 107.1
86 26.4 34.1 70.7#
51 33.0 18.4 38.2



#26
2-Butanone
Concen: 0.74 ppb
RT: 5.121 min Scan# 1412
Delta R.T. -0.007 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

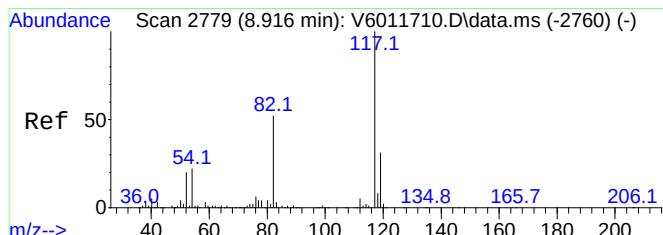
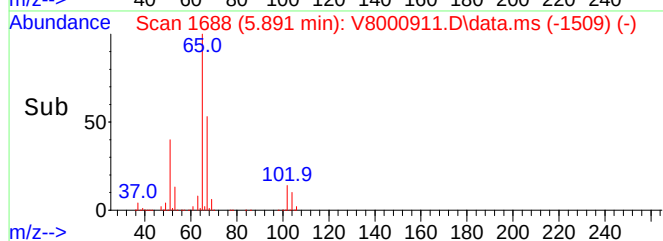
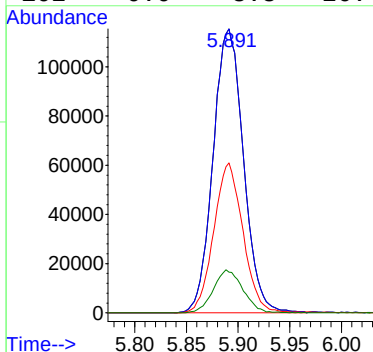
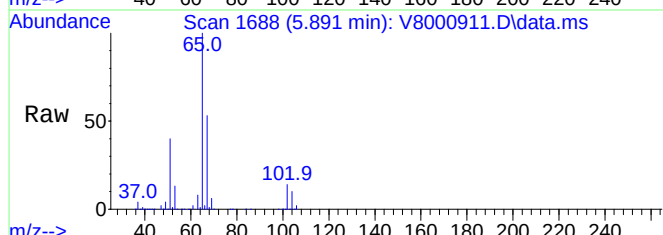
Tgt Ion: 72 Resp: 2259
Ion Ratio Lower Upper
72 100
43 509.0 260.7 391.1#
72 100.0 50.0 150.0





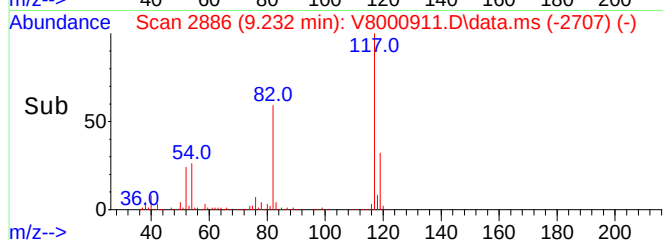
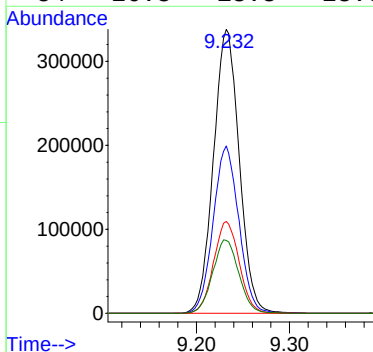
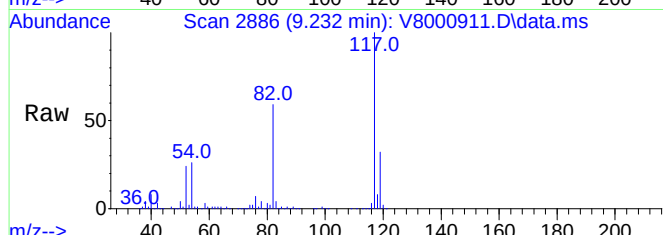
#34
d4-1,2-Dichloroethane (Surr)
Concen: 10.89 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

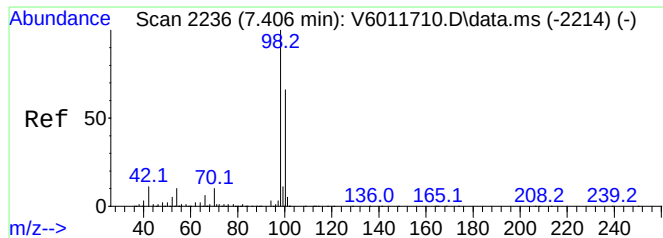
Tgt Ion: 65 Resp: 236334
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 50.7 31.3 65.1
102 0.0 8.8 26.4#



#40
CHLOROBENZENE-d5 (Istd)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. -0.000 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

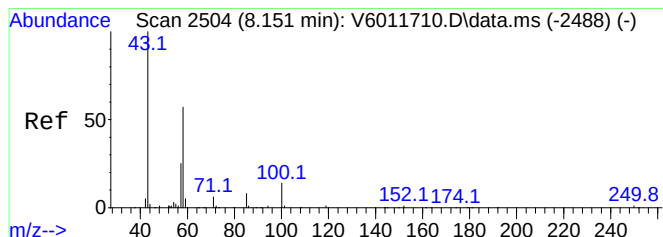
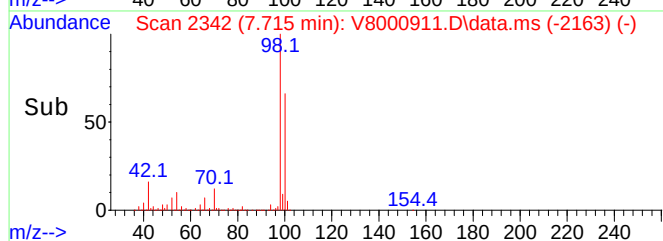
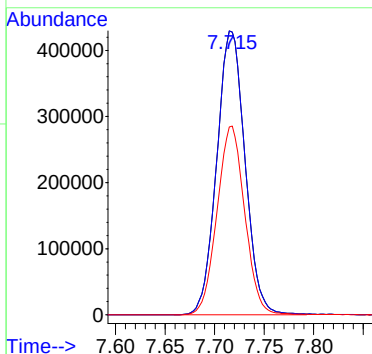
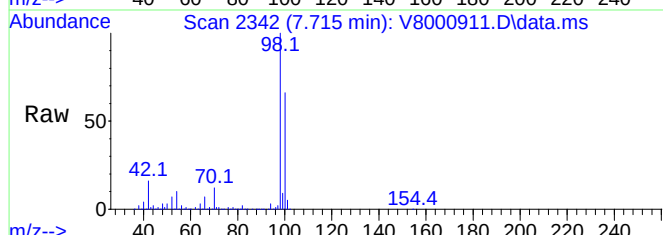
Tgt Ion: 117 Resp: 650368
Ion Ratio Lower Upper
117 100
82 58.8 34.0 70.6
119 32.3 21.5 44.7
54 26.3 13.8 28.6





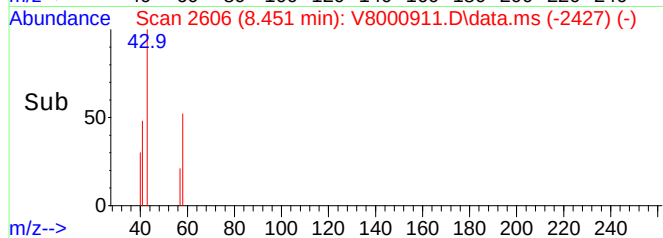
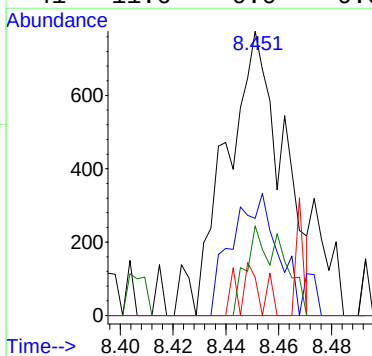
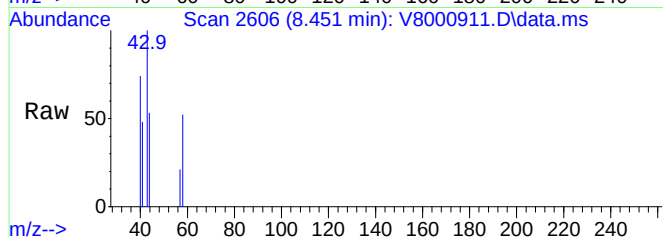
#51
Toluene-d8 (SURRE)
Concen: 10.77 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

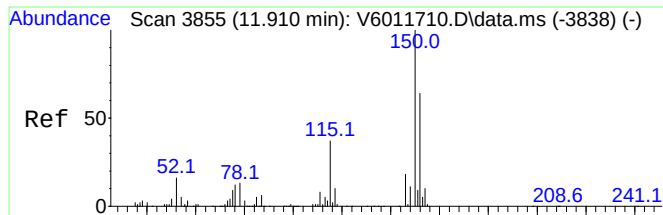
Tgt Ion: 98 Resp: 853230
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 65.2 42.8 89.0



#57
2-Hexanone
Concen: 0.25 ppb
RT: 8.451 min Scan# 2606
Delta R.T. 0.001 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

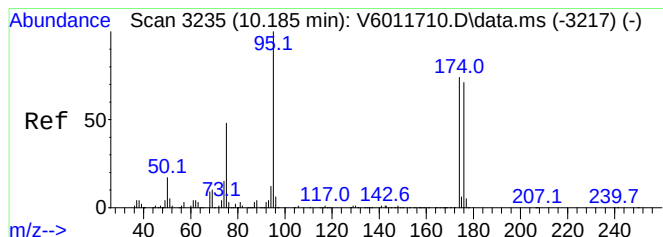
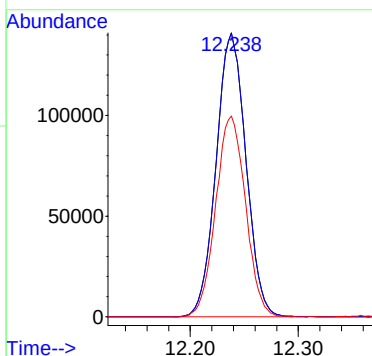
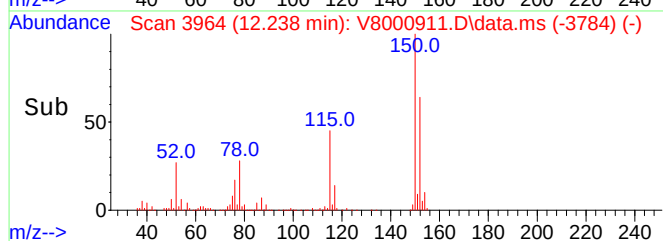
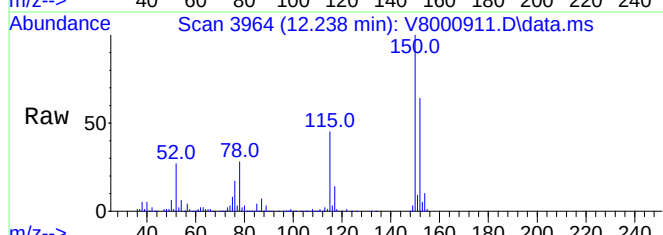
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 34.0 37.2 77.4#
57 7.1 16.3 33.9#
41 11.6 0.0 0.0#





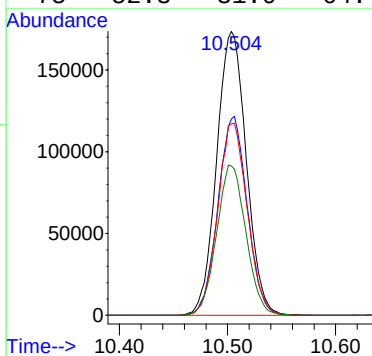
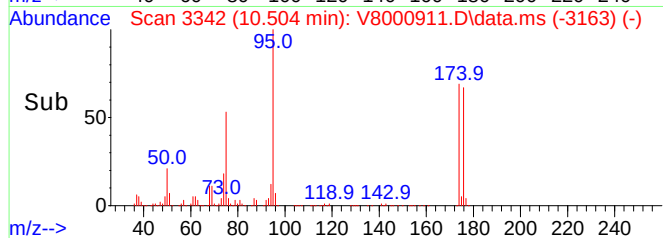
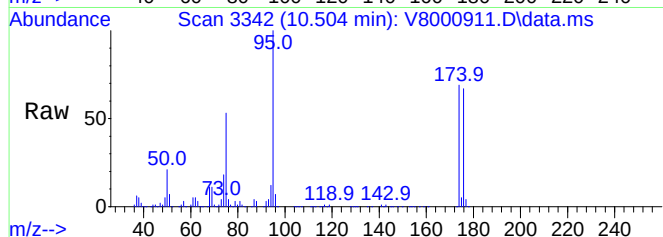
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

Tgt Ion: 152 Resp: 270614
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 70.9 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.64 ppb
RT: 10.504 min Scan# 3342
Delta R.T. -0.000 min
Lab File: V8000911.D
Acq: 7 May 2016 1:44 am

Tgt Ion: 95 Resp: 331792
Ion Ratio Lower Upper
95 100
174 69.3 47.8 99.4
176 67.3 46.3 96.1
75 52.3 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

Trip Blank

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-21 File ID: V8000912.D
 Sampled: 04/28/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 02:10
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

Trip Blank

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-21 File ID: V8000912.D
 Sampled: 04/28/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 02:10
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.4	114	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000912.D
 Acq On : 7 May 2016 2:10 am
 Operator : BK
 Sample : 16E0003-21
 Misc : V8050616B 8260 LOW A
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: May 09 12:48:01 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

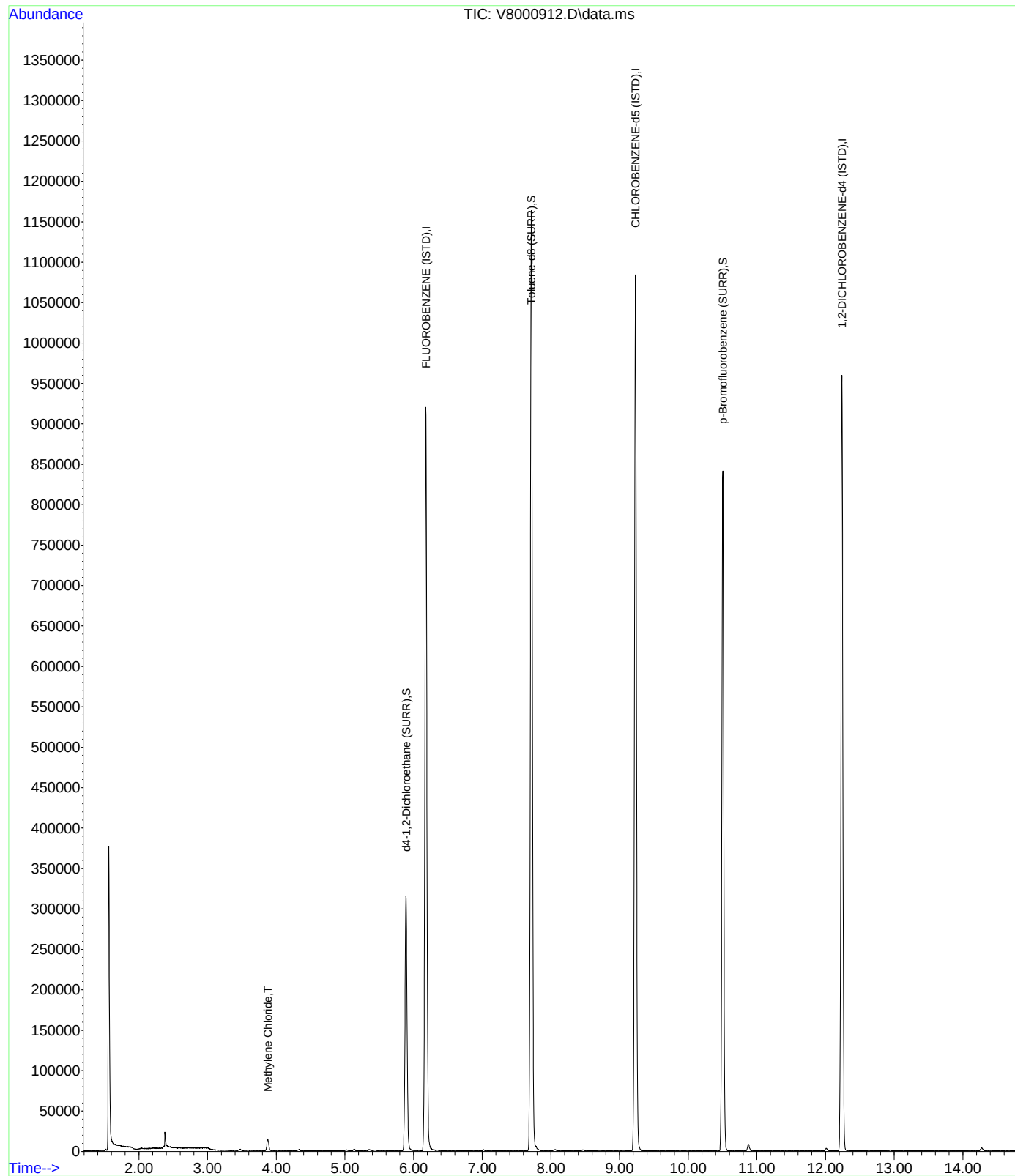
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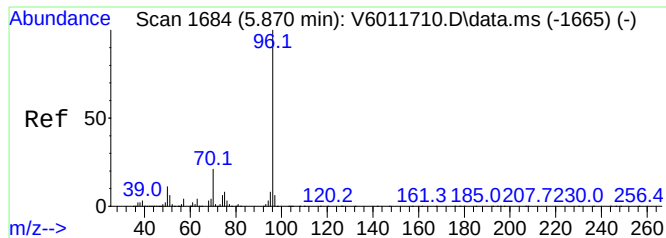
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	176802	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	648513	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	276013	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	242532	11.45	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	114.50%	
51) Toluene-d8 (SURR)	7.715	98	845297	10.70	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	107.00%	
70) p-Bromofluorobenzene (...)	10.504	95	332608	11.44	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	114.40%	
Target Compounds						
12) Acetone	3.471	43	2086	Below Cal		Qvalue 96
13) Iodomethane	3.535	142	123	Below Cal	#	81
17) Methylene Chloride	3.878	49	9283	0.26 ppb		85
26) 2-Butanone	5.130	72	331	Below Cal	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000912.D
Acq On : 7 May 2016 2:10 am
Operator : BK
Sample : 16E0003-21
Misc : V8050616B 8260 LOW A
ALS Vial : 42 Sample Multiplier: 1

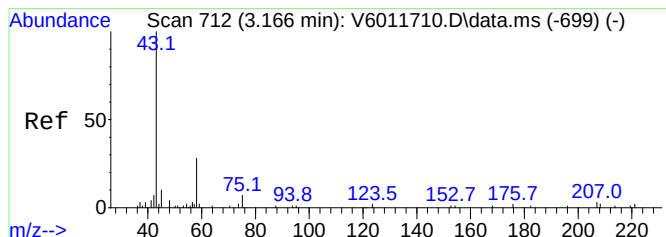
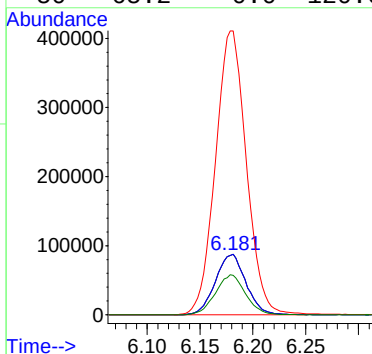
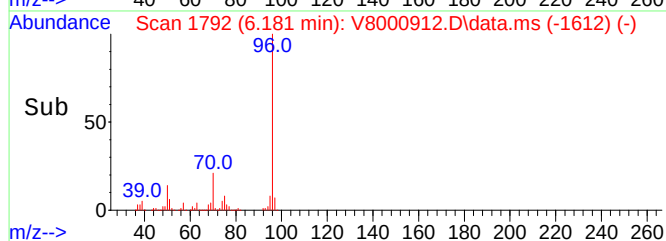
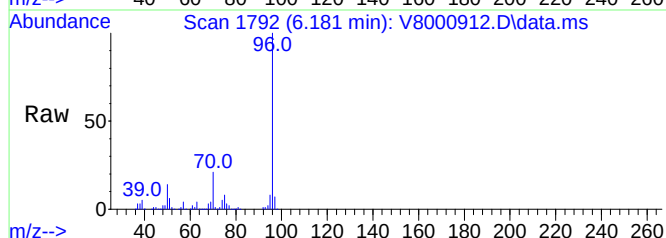
Quant Time: May 09 12:48:01 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





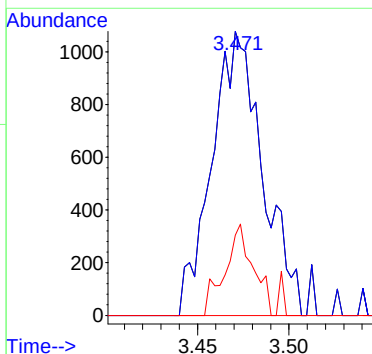
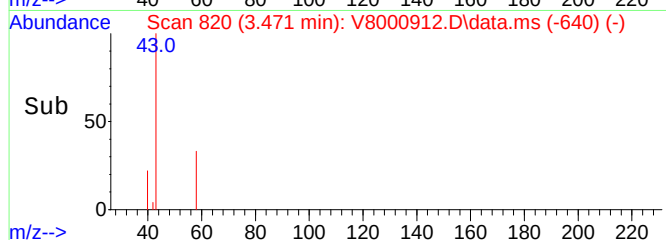
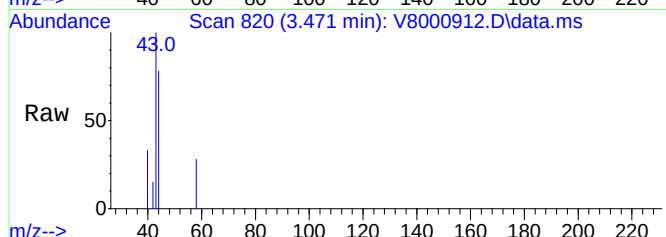
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.181 min Scan# 1792
 Delta R.T. 0.001 min
 Lab File: V8000912.D
 Acq: 7 May 2016 2:10 am

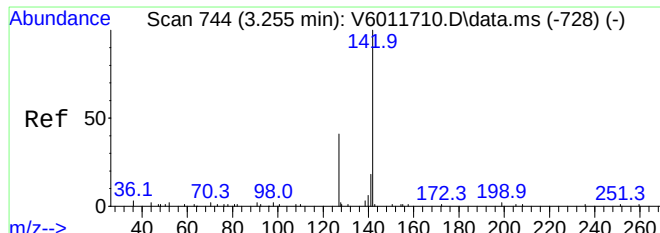
Tgt Ion: 70 Resp: 176802
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 473.9 343.3 713.1
 50 65.2 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.471 min Scan# 820
 Delta R.T. 0.001 min
 Lab File: V8000912.D
 Acq: 7 May 2016 2:10 am

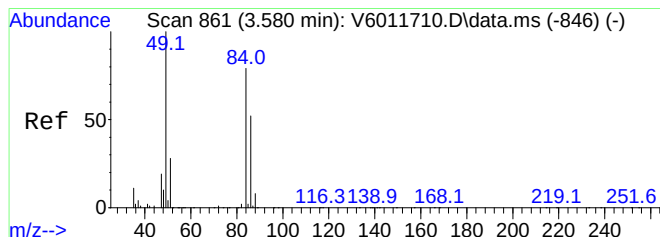
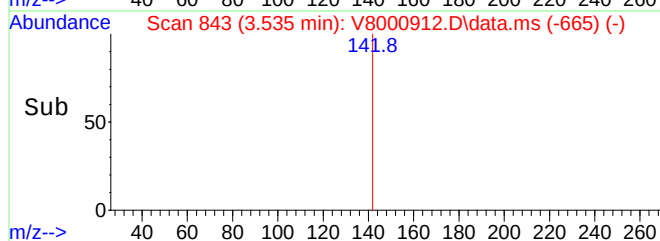
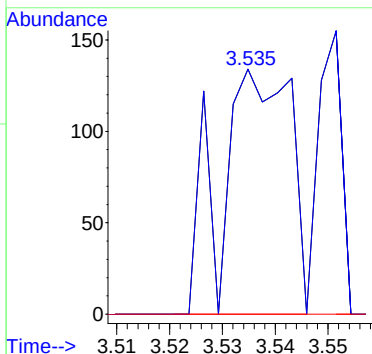
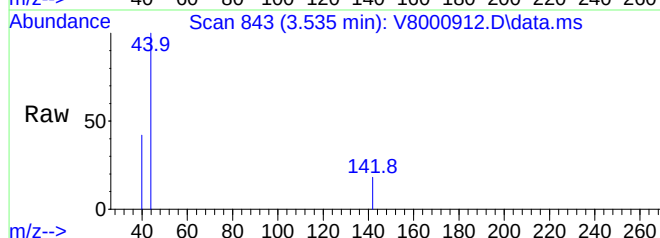
Tgt Ion: 43 Resp: 2086
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 17.9 13.9 41.6





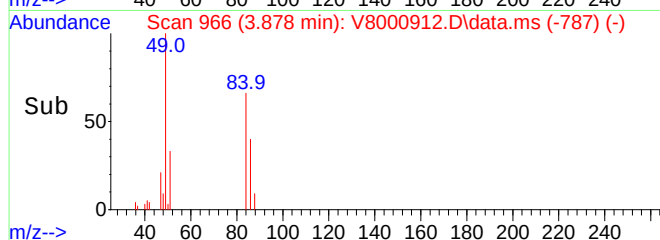
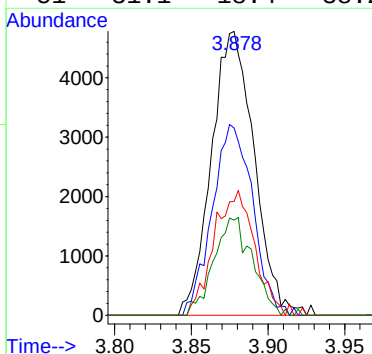
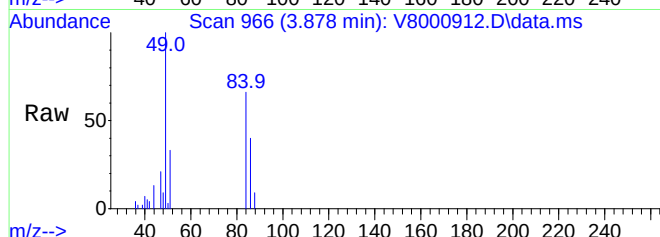
#13
Iodomethane
Concen: Below Cal
RT: 3.535 min Scan# 843
Delta R.T. -0.005 min
Lab File: V8000912.D
Acq: 7 May 2016 2:10 am

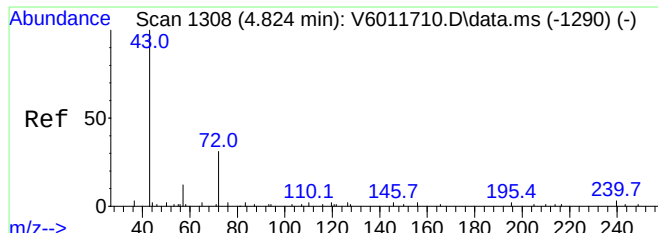
Tgt Ion: 142 Resp: 123
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 0.0 20.8 62.2#



#17
Methylene Chloride
Concen: 0.26 ppb
RT: 3.878 min Scan# 966
Delta R.T. 0.000 min
Lab File: V8000912.D
Acq: 7 May 2016 2:10 am

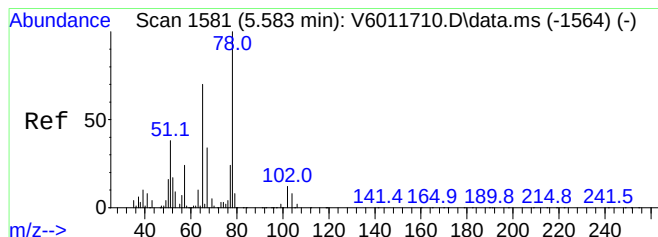
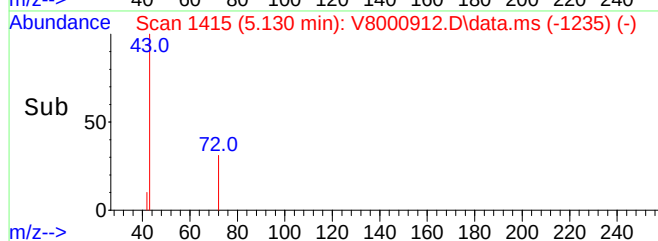
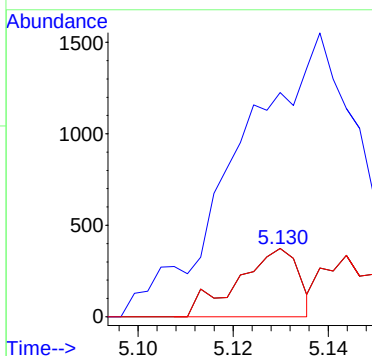
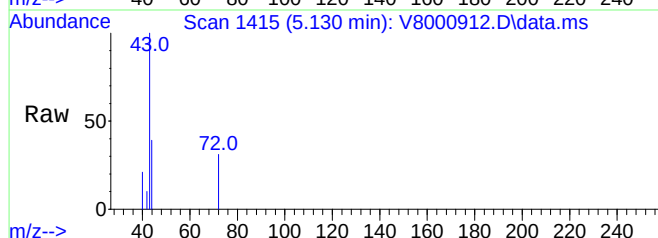
Tgt Ion: 49 Resp: 9283
Ion Ratio Lower Upper
49 100
84 63.7 51.5 107.1
86 41.5 34.1 70.7
51 31.1 18.4 38.2





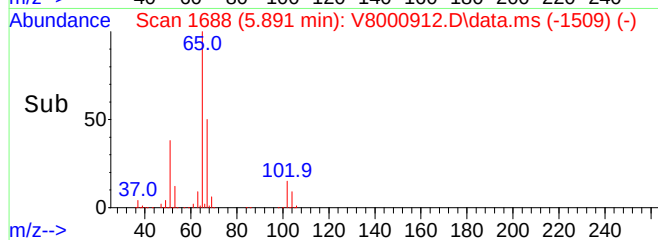
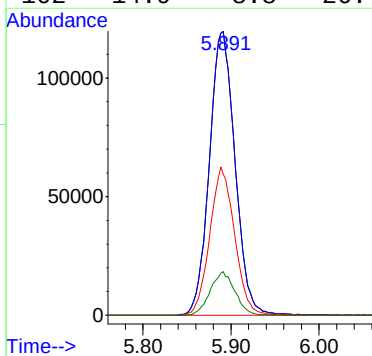
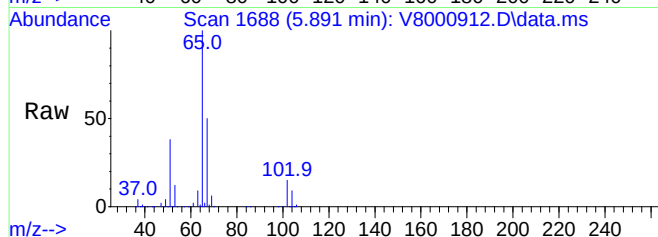
#26
2-Butanone
Concen: Below Cal
RT: 5.130 min Scan# 1415
Delta R.T. 0.002 min
Lab File: V8000912.D
Acq: 7 May 2016 2:10 am

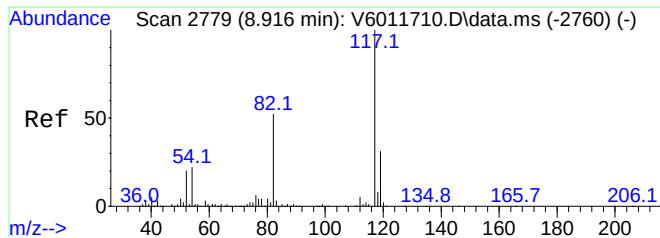
Tgt Ion: 72 Resp: 331
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0



#34
d4-1,2-Dichloroethane (SURR)
Concen: 11.45 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000912.D
Acq: 7 May 2016 2:10 am

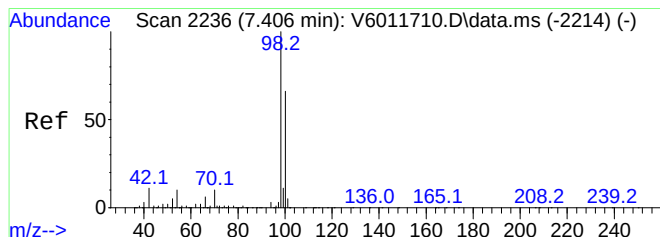
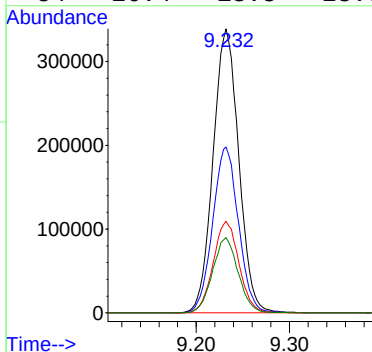
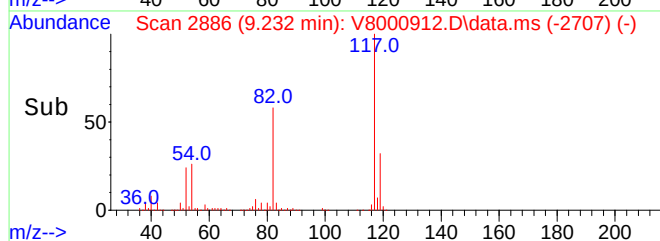
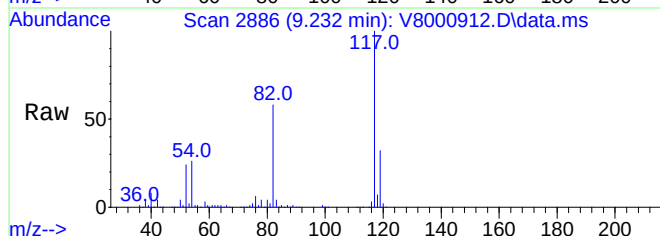
Tgt Ion: 65 Resp: 242532
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 0.0 31.3 65.1#
102 14.9 8.8 26.4





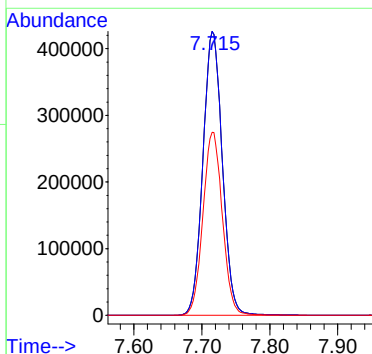
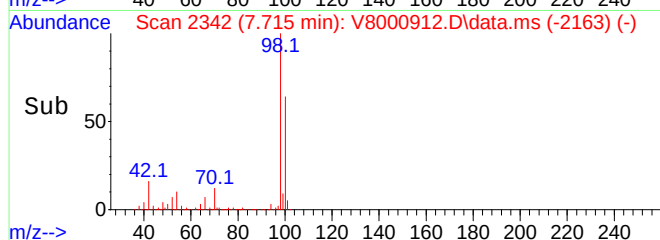
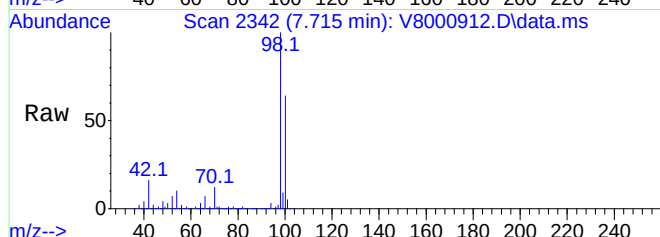
#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. 0.000 min
 Lab File: V8000912.D
 Acq: 7 May 2016 2:10 am

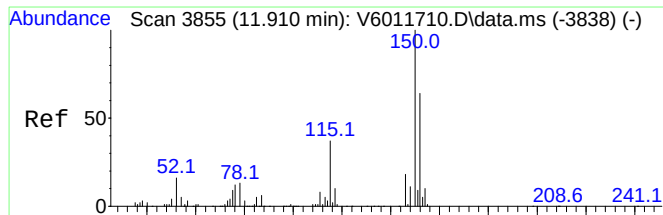
Tgt Ion: 117 Resp: 648513
 Ion Ratio Lower Upper
 117 100
 82 58.7 34.0 70.6
 119 32.4 21.5 44.7
 54 26.4 13.8 28.6



#51
 Toluene-d8 (SURR)
 Concen: 10.70 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000912.D
 Acq: 7 May 2016 2:10 am

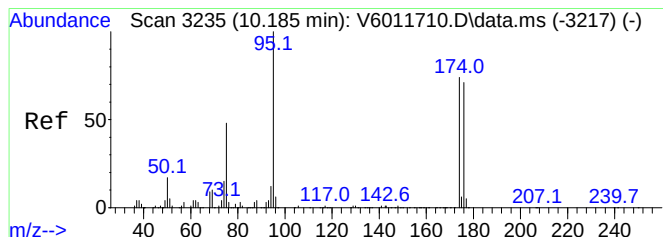
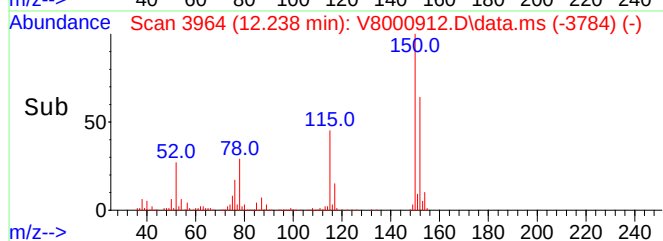
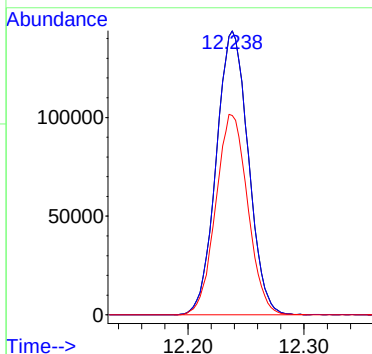
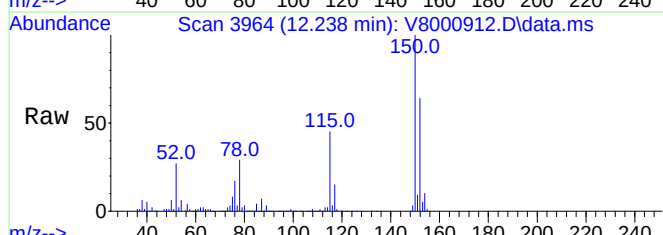
Tgt Ion: 98 Resp: 845297
 Ion Ratio Lower Upper
 98 100
 98 100.0 65.0 135.0
 100 64.4 42.8 89.0





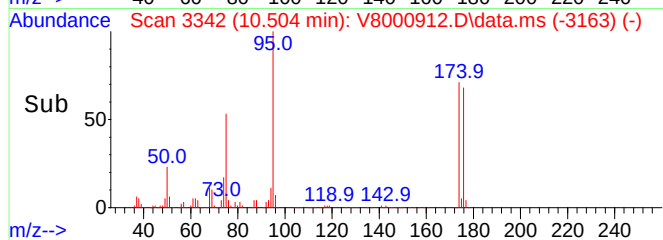
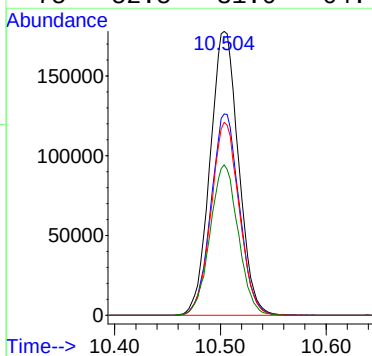
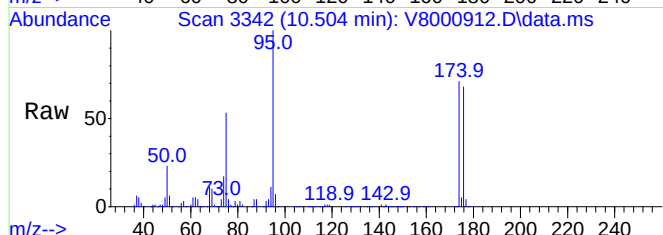
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1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000912.D
Acq: 7 May 2016 2:10 am

Tgt Ion: 152 Resp: 276013
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 70.4 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.44 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000912.D
Acq: 7 May 2016 2:10 am

Tgt Ion: 95 Resp: 332608
Ion Ratio Lower Upper
95 100
174 70.7 47.8 99.4
176 67.4 46.3 96.1
75 52.5 31.0 64.4



FORM I

ORGANIC ANALYSIS DATA SHEET

Field Blank

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-22 File ID: V8000913.D
 Sampled: 04/28/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 02:35
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

Field Blank

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-22 File ID: V8000913.D
 Sampled: 04/28/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 02:35
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.29	J
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000913.D
 Acq On : 7 May 2016 2:35 am
 Operator : BK
 Sample : 16E0003-22
 Misc : V8050616B 8260 LOW A
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 09 12:48:48 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

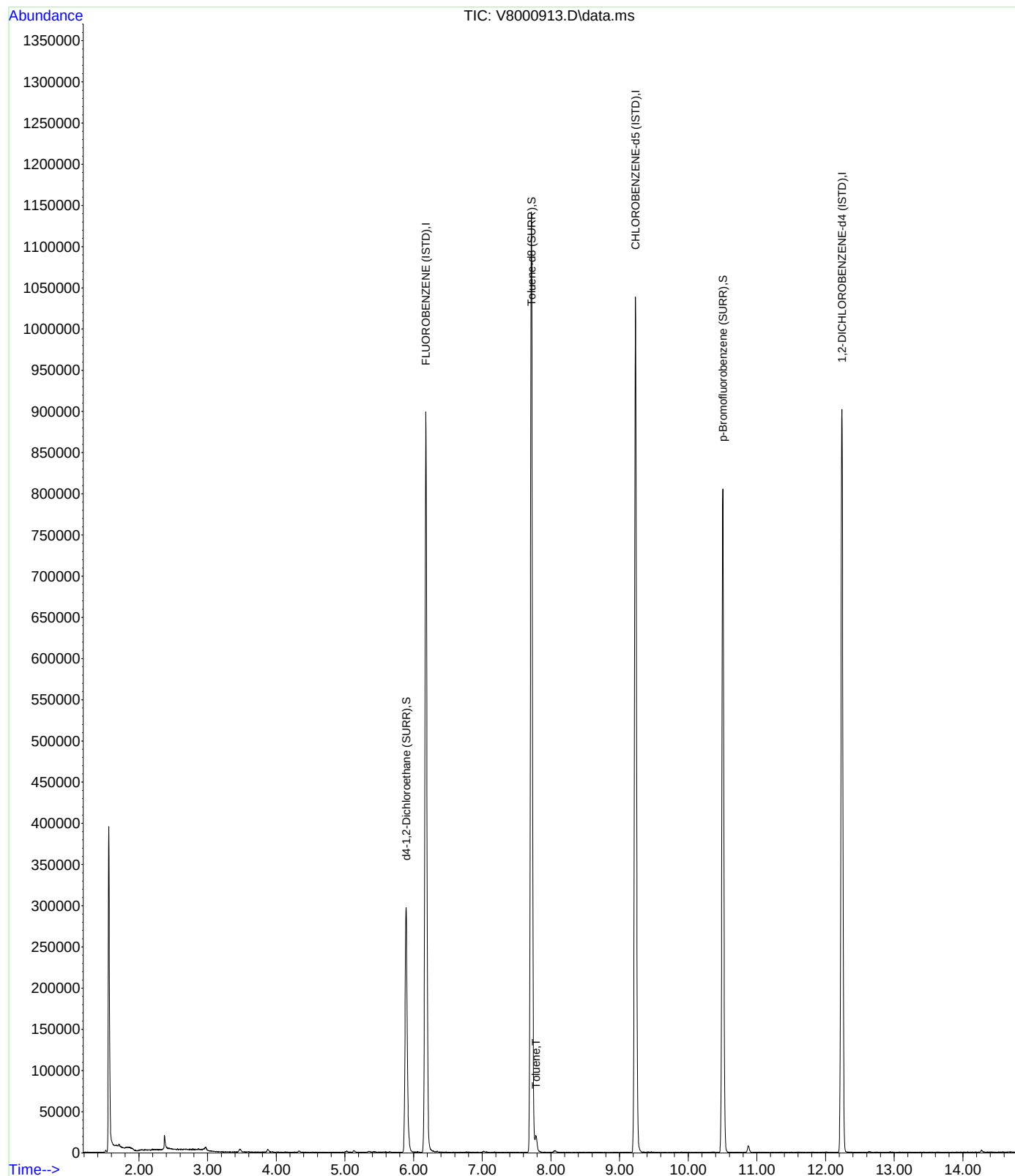
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

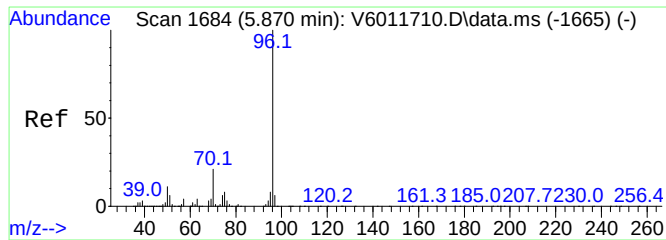
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	174762	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	632934	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	262075	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	225351	10.77	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	107.70%	
51) Toluene-d8 (SURR)	7.718	98	825357	10.71	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	107.10%	
70) p-Bromofluorobenzene (...)	10.504	95	324080	11.74	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	117.40%	
Target Compounds						
12) Acetone	3.471	43	4555	Below Cal		Qvalue 94
13) Iodomethane	3.532	142	19	Below Cal	#	78
17) Methylene Chloride	3.875	49	2278	Below Cal	#	76
26) 2-Butanone	5.138	72	367	Below Cal	#	1
52) Toluene	7.782	91	12507	0.29 ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000913.D
Acq On : 7 May 2016 2:35 am
Operator : BK
Sample : 16E0003-22
Misc : V8050616B 8260 LOW A
ALS Vial : 43 Sample Multiplier: 1

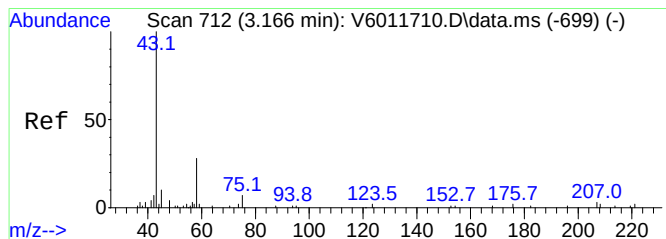
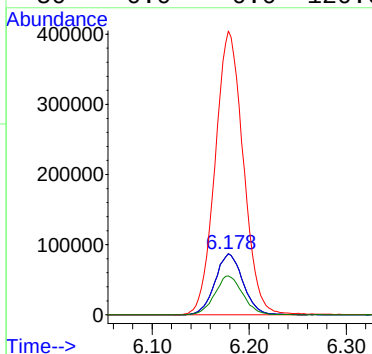
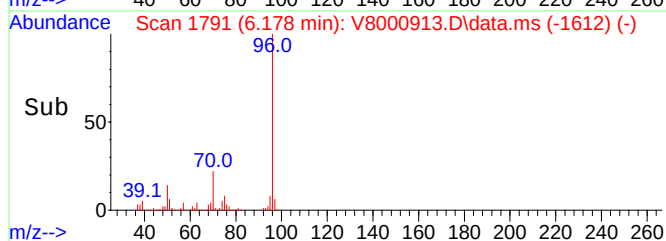
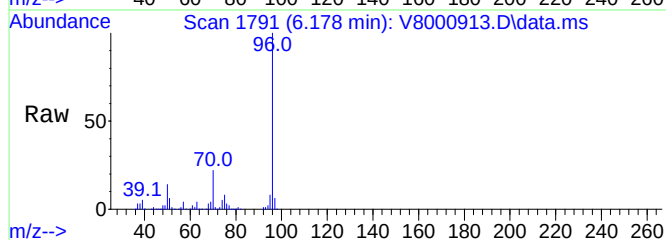
Quant Time: May 09 12:48:48 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





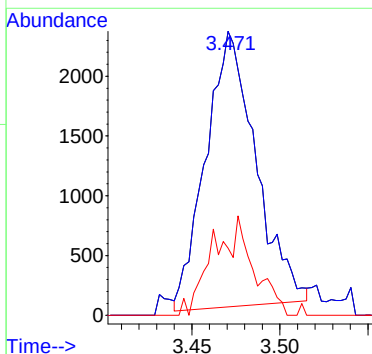
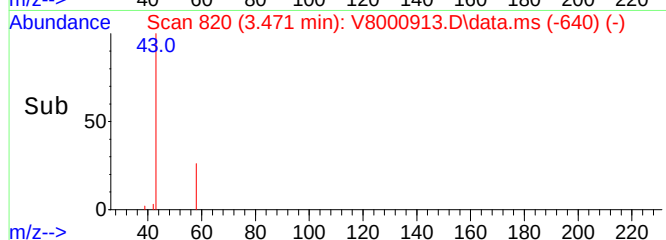
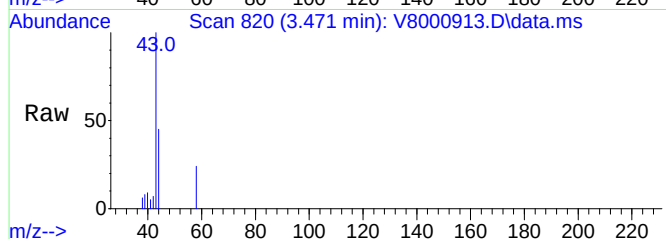
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.178 min Scan# 1791
 Delta R.T. -0.002 min
 Lab File: V8000913.D
 Acq: 7 May 2016 2:35 am

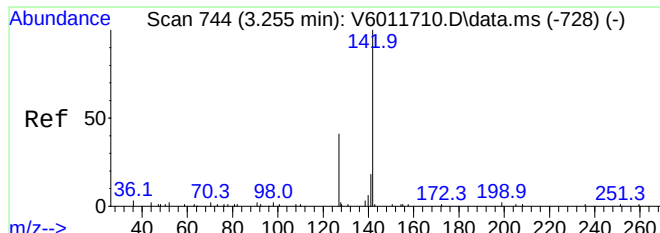
Tgt Ion: 70 Resp: 174762
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 469.2 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.471 min Scan# 820
 Delta R.T. 0.001 min
 Lab File: V8000913.D
 Acq: 7 May 2016 2:35 am

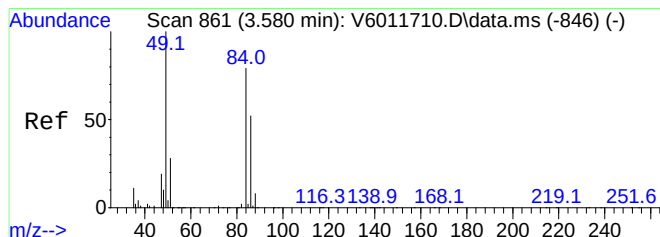
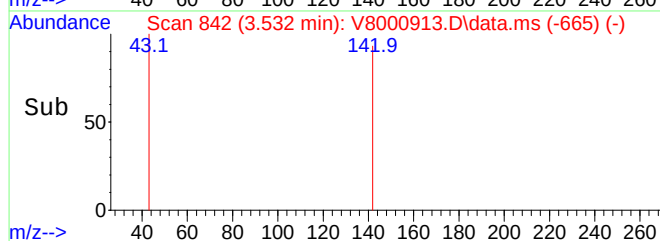
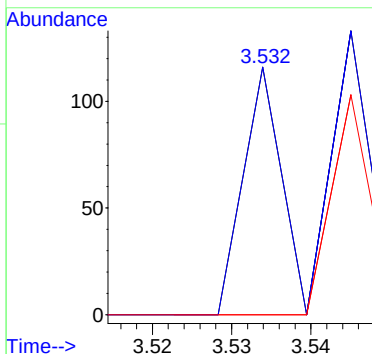
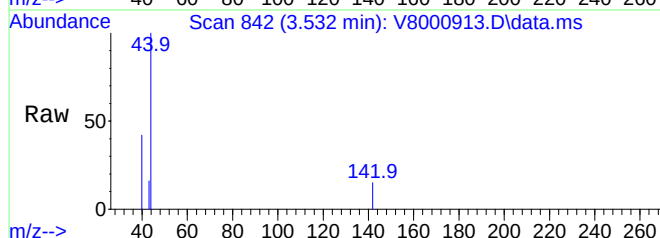
Tgt Ion: 43 Resp: 4555
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 14.0 13.9 41.6





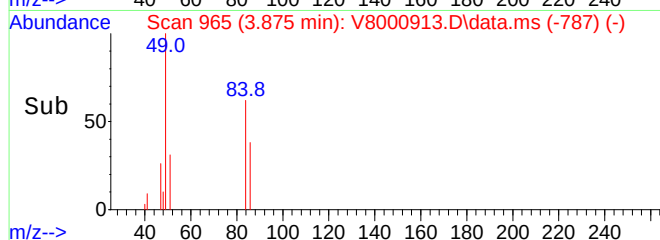
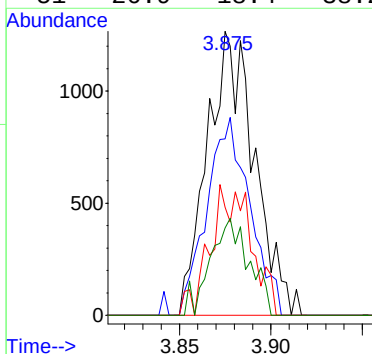
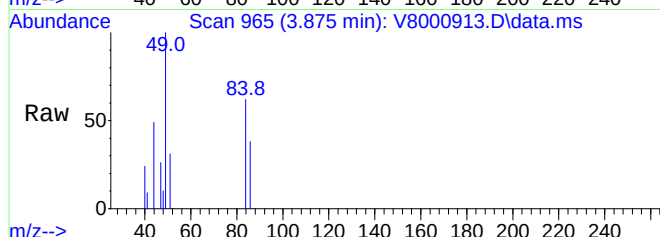
#13
Iodomethane
Concen: Below Cal
RT: 3.532 min Scan# 842
Delta R.T. -0.007 min
Lab File: V8000913.D
Acq: 7 May 2016 2:35 am

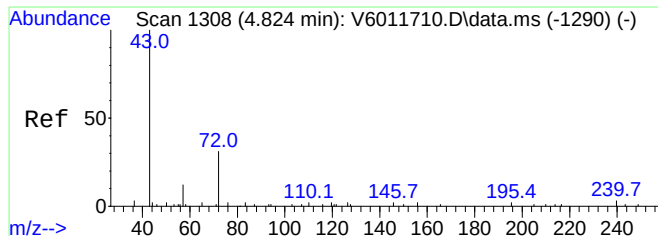
Tgt Ion: 142 Resp: 19
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 89.5 20.8 62.2#



#17
Methylene Chloride
Concen: Below Cal
RT: 3.875 min Scan# 965
Delta R.T. -0.003 min
Lab File: V8000913.D
Acq: 7 May 2016 2:35 am

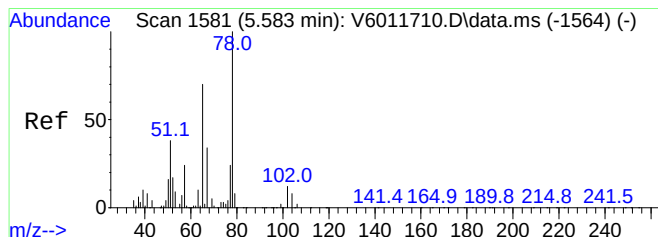
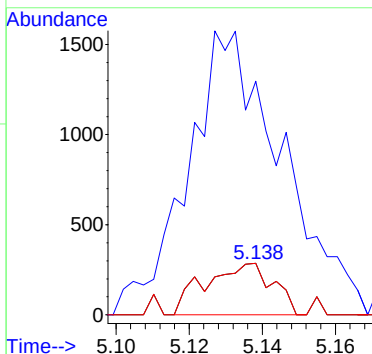
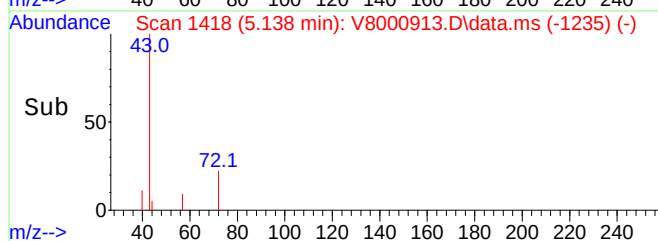
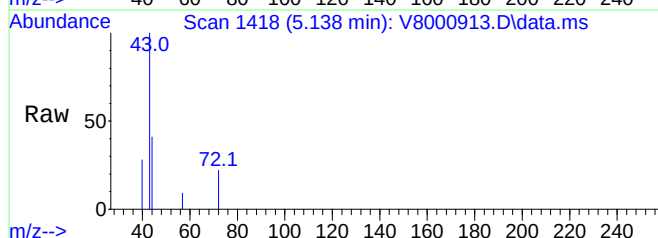
Tgt Ion: 49 Resp: 2278
Ion Ratio Lower Upper
49 100
84 63.3 51.5 107.1
86 20.2 34.1 70.7#
51 26.9 18.4 38.2





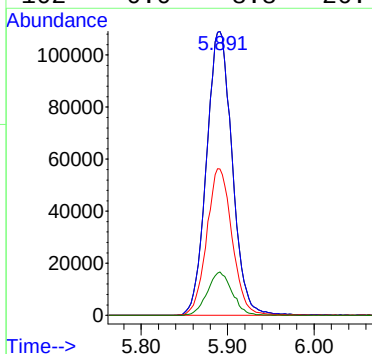
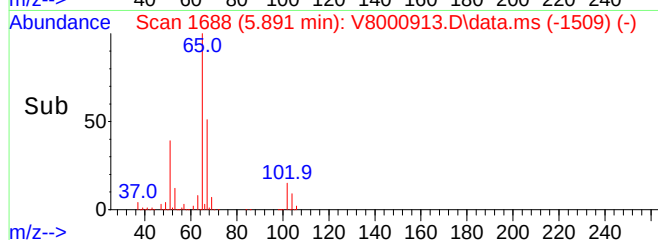
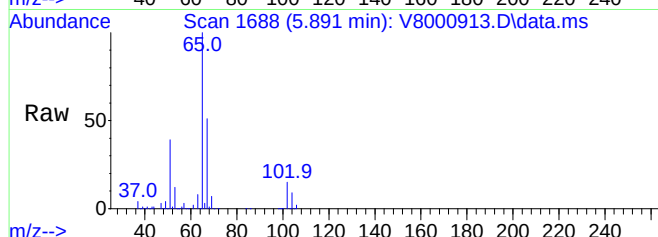
#26
2-Butanone
Concen: Below Cal
RT: 5.138 min Scan# 1418
Delta R.T. 0.010 min
Lab File: V8000913.D
Acq: 7 May 2016 2:35 am

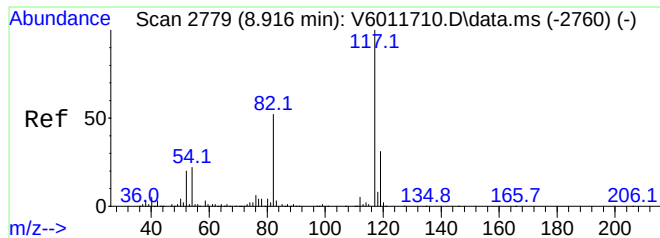
Tgt Ion: 72 Resp: 367
Ion Ratio Lower Upper
72 100
43 771.7 260.7 391.1#
72 100.0 50.0 150.0



#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.77 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000913.D
Acq: 7 May 2016 2:35 am

Tgt Ion: 65 Resp: 225351
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 51.0 31.3 65.1
102 0.0 8.8 26.4#

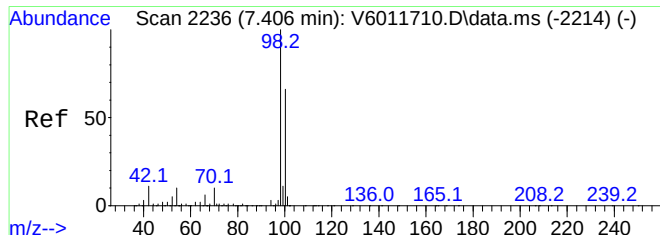
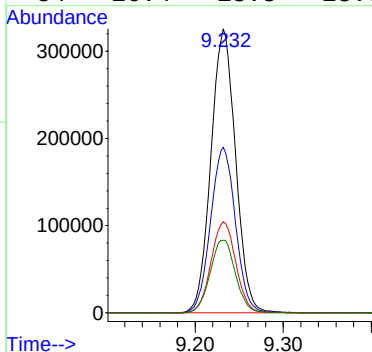
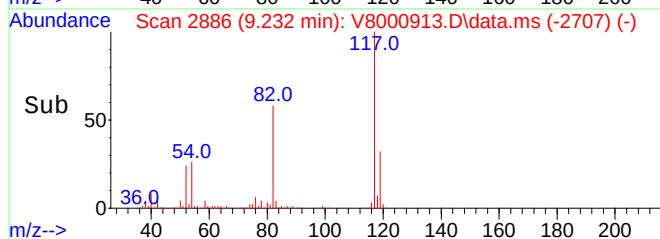
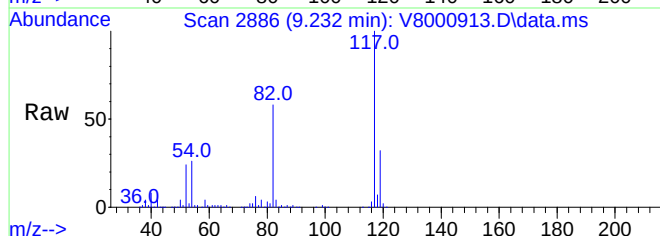




#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. -0.000 min
 Lab File: V8000913.D
 Acq: 7 May 2016 2:35 am

Tgt Ion: 117 Resp: 632934

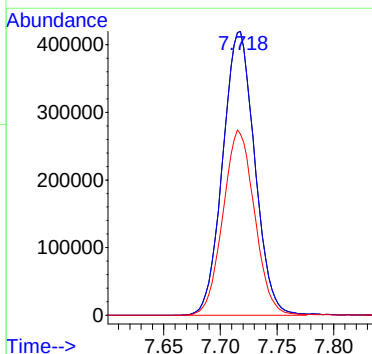
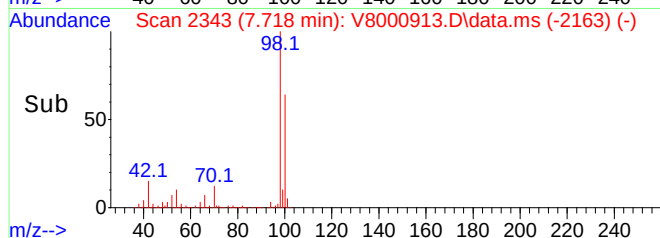
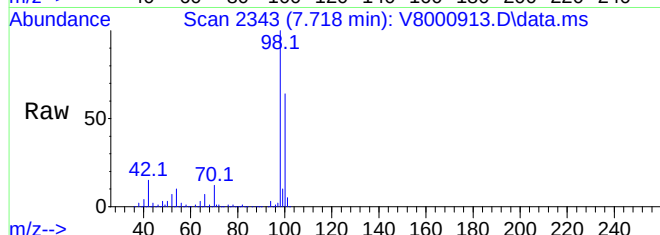
Ion	Ratio	Lower	Upper
117	100		
82	59.0	34.0	70.6
119	32.4	21.5	44.7
54	26.4	13.8	28.6

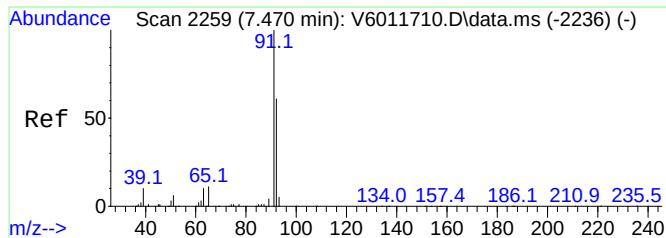


#51
 Toluene-d8 (SURR)
 Concen: 10.71 ppb
 RT: 7.718 min Scan# 2343
 Delta R.T. 0.002 min
 Lab File: V8000913.D
 Acq: 7 May 2016 2:35 am

Tgt Ion: 98 Resp: 825357

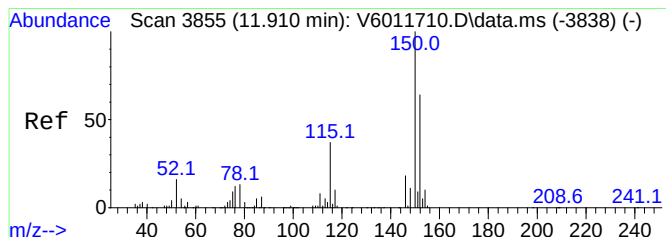
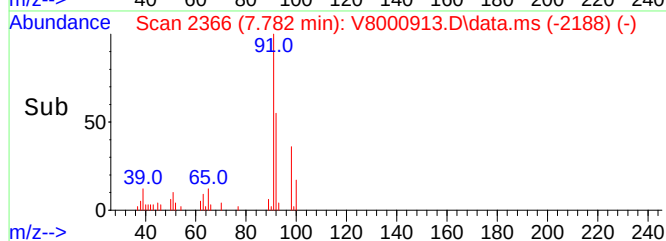
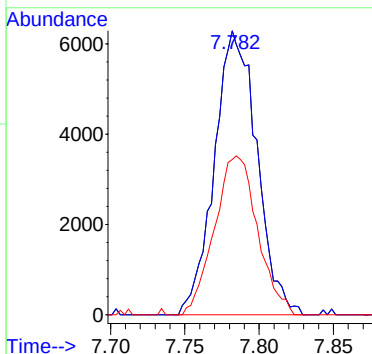
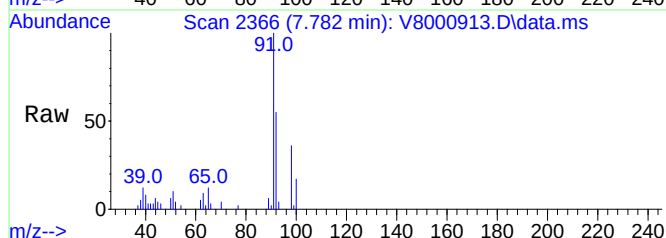
Ion	Ratio	Lower	Upper
98	100		
98	100.0	65.0	135.0
100	64.8	42.8	89.0





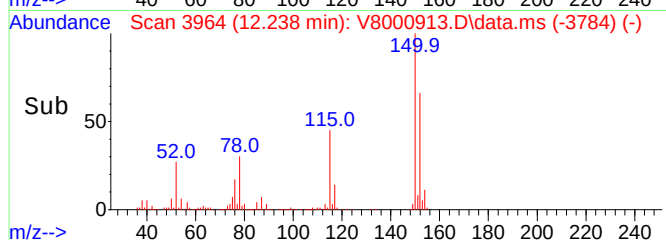
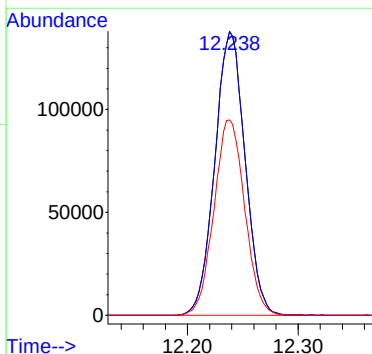
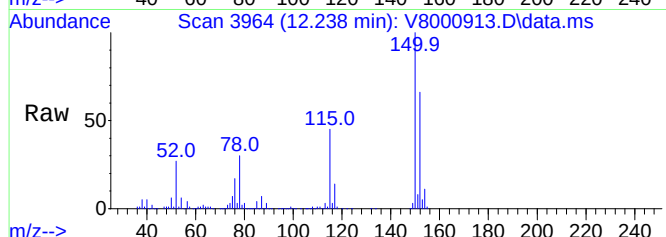
#52
Toluene
Concen: 0.29 ppb
RT: 7.782 min Scan# 2366
Delta R.T. -0.003 min
Lab File: V8000913.D
Acq: 7 May 2016 2:35 am

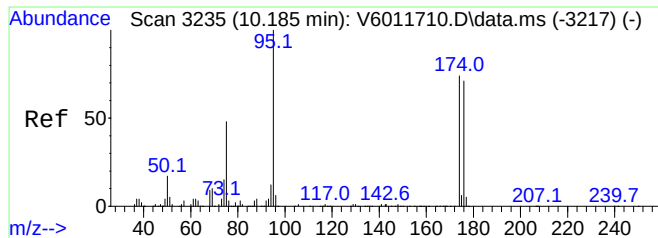
Tgt Ion: 91 Resp: 12507
Ion Ratio Lower Upper
91 100
91 100.0 65.0 135.0
92 56.8 39.7 82.5



#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000913.D
Acq: 7 May 2016 2:35 am

Tgt Ion: 152 Resp: 262075
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 70.0 31.5 94.5

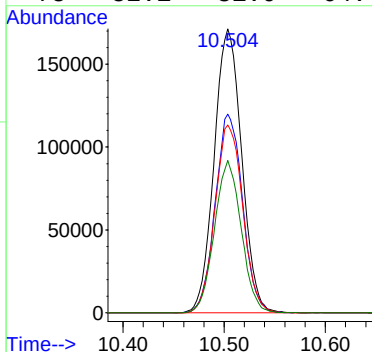
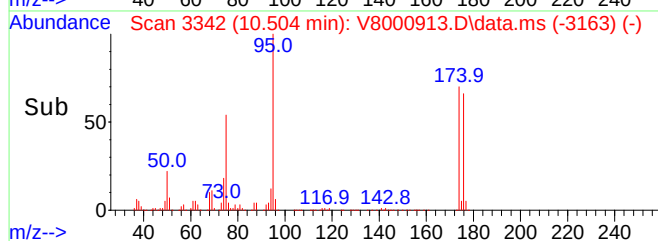
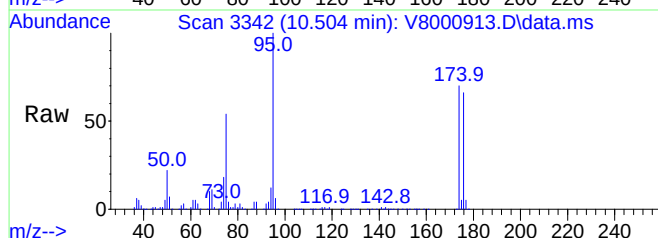




#70
 p-Bromofluorobenzene (SURRE)
 Concen: 11.74 ppb
 RT: 10.504 min Scan# 3342
 Delta R.T. -0.000 min
 Lab File: V8000913.D
 Acq: 7 May 2016 2:35 am

Tgt Ion: 95 Resp: 324080

Ion	Ratio	Lower	Upper
95	100		
174	69.4	47.8	99.4
176	66.7	46.3	96.1
75	52.1	31.0	64.4



Method Path : C:\msdchem\1\methods\
 Method File : V8LO0005.M
 Title : Volatile Organics EPA 8260C
 Last Update : Fri Apr 29 10:10:50 2016
 Response Via : Initial Calibration

Calibration Files

0.5 =V8000677.D 2.0 =V8000678.D 4.0 =V8000679.D 10.0 =V8000680.D 20.0 =V8000681.D 40.0 =V8000682.D
 80.0 =V8000683.D 120 =V8000684.D 160 =V8000685.D

Compound	0.5	2.0	4.0	10.0	20.0	40.0	80.0	120	160	Avg	%RSD
1) I FLUOROBENZENE (ISTD)											
2) T Dichlorodifluo...	0.772	0.748	0.822	0.786	0.786	0.722	0.705	0.704	0.690	0.748	6.12
3) T Chloromethane	0.467	0.524	0.562	0.568	0.591	0.709	0.844	0.897	0.911	0.675	25.23
4) T Vinyl Chloride	0.524	0.490	0.534	0.521	0.522	0.494	0.499	0.521	0.508	0.513	3.00
5) T Bromomethane	0.195	0.143	0.150	0.114	0.180	0.221	0.244	0.284	0.259	0.199	28.99
6) T Chloroethane	0.212	0.261	0.241	0.203	0.193	0.197	0.205	0.214	0.208	0.215	10.35
7) T Trichlorofluor...	0.788	0.730	0.814	0.777	0.791	0.701	0.697	0.691	0.655	0.738	7.56
8) T Ethanol	0.002	0.002	0.002	0.003	0.002	0.003	0.002	0.002	0.002	0.002	13.83
9) T Freon-113	0.654	0.609	0.698	0.657	0.670	0.635	0.648	0.654	0.642	0.652	3.73
10) T 1,1-Dichloroet...	1.161	0.976	1.103	1.105	1.104	1.066	1.028	1.023	0.989	1.062	5.81
11) T Acrolein	0.095	0.056	0.051	0.061	0.058	0.064	0.063	0.065	0.065	0.064	19.49
12) T Acetone	0.243	0.159	0.164	0.164	0.117	0.119	0.111	0.107	0.108	0.141	33.40
13) T Iodomethane	0.473	0.586	0.779	0.909	1.129	1.056	0.845	0.870	0.831	0.831	24.74
14) T Methyl Acetate	0.310	0.360	0.325	0.314	0.305	0.315	0.281	0.285	0.279	0.308	8.35
15) T Carbon disulfide	1.817	1.467	1.659	1.572	1.589	1.579	1.543	1.422	1.281	1.548	9.73
16) T tert-Butyl Alc...	0.047	0.041	0.041	0.041	0.041	0.047	0.042	0.042	0.043	0.043	6.38
17) T Methylene Chlo...	0.961	1.026	1.013	1.013	1.010	1.003	0.938	0.948	0.919	0.977	4.14
18) T Acrylonitrile	0.201	0.142	0.135	0.137	0.137	0.145	0.133	0.123	0.131	0.143	15.84
19) T trans-1,2-Dich...	1.099	0.962	1.063	1.059	1.054	1.038	0.974	0.960	0.926	1.015	5.89
20) T tert-Butyl Met...	1.610	1.424	1.508	1.565	1.547	1.570	1.440	1.437	1.393	1.499	5.19
21) T 1,1-Dichloroet...	1.459	1.265	1.386	1.388	1.362	1.331	1.233	1.129	1.021	1.286	10.86
22) T Vinyl Acetate	1.822	1.884	2.003	2.002	2.129	2.163	2.004	1.990	1.861	1.984	5.79
23) T Diisopropyl et...	2.530	3.281	2.826	3.330	3.320	2.597	2.358	2.243	2.078	2.729	17.76
24) T Ethyl-tert-But...	1.986	2.531	2.137	2.593	2.610	2.098	1.968	1.992	1.958	2.208	12.88
25) T cis-1,2-Dichlo...	1.305	1.140	1.252	1.249	1.243	1.229	1.144	1.144	1.099	1.200	5.82
26) T 2-Butanone	0.080	0.063	0.057	0.057	0.048	0.048	0.042	0.043	0.041	0.053	25.35
27) T 2,2-Dichloropr...	1.118	0.930	1.038	1.032	1.020	0.999	0.949	0.949	0.929	0.996	6.34
28) T Tetrahydrofuran	0.132	0.140	0.129	0.134	0.125	0.133	0.124	0.126	0.119	0.129	4.88
29) T Bromochloromet...	0.652	0.578	0.607	0.625	0.601	0.570	0.493	0.483	0.457	0.563	12.22
30) T Chloroform	1.385	1.204	1.304	1.306	1.298	1.309	1.254	1.276	1.253	1.288	3.90

Method Path : C:\msdchem\1\methods\

Method File : V8LO0005.M

Title : Volatile Organics EPA 8260C

31) T	1,1,1-Trichloro...	1.283	1.051	1.190	1.195	1.200	1.189	1.176	1.198	1.184	1.185	5.02
32) T	Cyclohexane	1.471	1.228	1.432	1.338	1.357	1.241	1.241	1.222	1.153	1.298	8.22
33) T	1,1-Dichloropr...	1.033	0.886	1.011	1.002	1.001	0.963	0.929	0.915	0.872	0.957	6.13
34) S	d4-1,2-Dichlor...	1.229	1.214	1.185	1.215	1.223	1.228	1.176	1.176	1.133	1.198	2.71
35) T	Carbon Tetrach...	1.096	0.939	1.080	1.092	1.098	1.082	1.087	1.101	1.071	1.072	4.74
36) T	tert-Amyl alco...	0.125	0.253	0.214	0.259	0.261	0.210	0.197	0.199	0.196	0.213	19.97
37) T	1,2-Dichloroet...	0.797	0.715	0.791	0.811	0.802	0.804	0.740	0.742	0.716	0.769	5.18
38) T	Benzene	3.038	2.652	2.882	2.862	2.837	2.788	2.624	2.586	2.483	2.750	6.36
39) T	tert-Amyl meth...	1.116	2.020	1.655	2.059	2.092	1.678	1.546	1.547	1.501	1.690	18.88

CHLOROBENZENE-d5 (.....ISTD-----

40) I	Trichloroethylene	0.190	0.157	0.174	0.176	0.172	0.172	0.171	0.178	0.177	0.174	4.87
41) T	Methyl Cyclohe...	0.277	0.253	0.288	0.271	0.273	0.254	0.265	0.270	0.266	0.268	4.04
42) T	Methyl Methacr...	0.082	0.059	0.064	0.065	0.064	0.067	0.063	0.066	0.065	0.066	9.62
43) T	Dibromomethane	0.079	0.067	0.073	0.074	0.073	0.075	0.073	0.076	0.076	0.074	4.26
44) T	Bromodichlorom...	0.211	0.185	0.197	0.203	0.201	0.205	0.201	0.209	0.210	0.202	3.96
45) T	1,2-Dichloropr...	0.177	0.156	0.168	0.168	0.166	0.166	0.159	0.162	0.161	0.165	3.84
46) T	1,4-Dioxane	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.72
47) T	2-Chloroethyl ...	0.233	0.217	0.236	0.245	0.243	0.246	0.235	0.240	0.238	0.237	-1.00
48) T	cis-1,3-Dichlo...	0.206	0.181	0.186	0.191	0.188	0.195	0.181	0.185	0.182	0.188	3.64
49) T	4-Methyl-2-Pen...	1.219	1.216	1.216	1.206	1.201	1.198	1.220	1.239	1.246	1.218	4.25
50) T	Toluene-d8 (SURR)	0.738	0.639	0.703	0.701	0.690	0.681	0.663	0.661	0.642	0.680	1.32
51) S	Toluene	0.190	0.173	0.186	0.197	0.196	0.201	0.191	0.197	0.195	0.192	4.72
52) T	trans-1,3-Dich...	0.116	0.100	0.106	0.109	0.109	0.111	0.106	0.110	0.110	0.109	4.41
53) T	1,1,2-Trichlor...	0.184	0.164	0.176	0.182	0.181	0.182	0.172	0.175	0.173	0.176	3.97
54) T	1,3-Dichloropr...	0.195	0.162	0.188	0.221	0.188	0.187	0.206	0.194	0.194	0.193	3.69
55) T	Tetrachloroeth...	0.070	0.071	0.074	0.073	0.070	0.072	0.068	0.070	0.069	0.071	8.25
56) T	2-Hexanone	0.137	0.125	0.135	0.145	0.148	0.154	0.152	0.160	0.162	0.146	2.65
57) T	Dibromochlorom...	0.111	0.097	0.102	0.106	0.107	0.110	0.106	0.110	0.111	0.107	8.33
58) T	1,2-Dibromoethane	0.463	0.425	0.465	0.471	0.467	0.466	0.454	0.457	0.452	0.458	4.42
59) T	Chlorobenzene	0.170	0.154	0.166	0.172	0.173	0.176	0.168	0.164	0.155	0.166	3.04
60) T	1,1,1,2-tetrac...	0.814	0.711	0.790	0.791	0.779	0.748	0.709	0.674	0.628	0.738	4.66
61) T	Ethyl Benzene	0.618	0.556	0.617	0.613	0.604	0.572	0.531	0.497	0.458	0.563	8.37
62) T	p- & m-Xylenes	0.644	0.580	0.640	0.634	0.627	0.608	0.581	0.565	0.542	0.602	10.26
63) T	o-Xylene	0.466	0.433	0.476	0.480	0.477	0.473	0.449	0.436	0.414	0.456	6.08
64) T	Styrene	0.067	0.062	0.066	0.071	0.073	0.078	0.076	0.080	0.082	0.073	5.24
65) T	Bromofrom...	0.067	0.062	0.066	0.071	0.073	0.078	0.076	0.080	0.082	0.073	9.23

1,2-DICHLOROBENZENE...-----ISTD-----

67) I	1,2-DICHLOROBENZENE...	1.371	1.274	1.408	1.392	1.392	1.348	1.353	1.321	1.290	1.350	3.47
68) T	p-Ethyltoluene											

Method Path : C:\msdchem\1\methods\
 Method File : V8LO0005.M

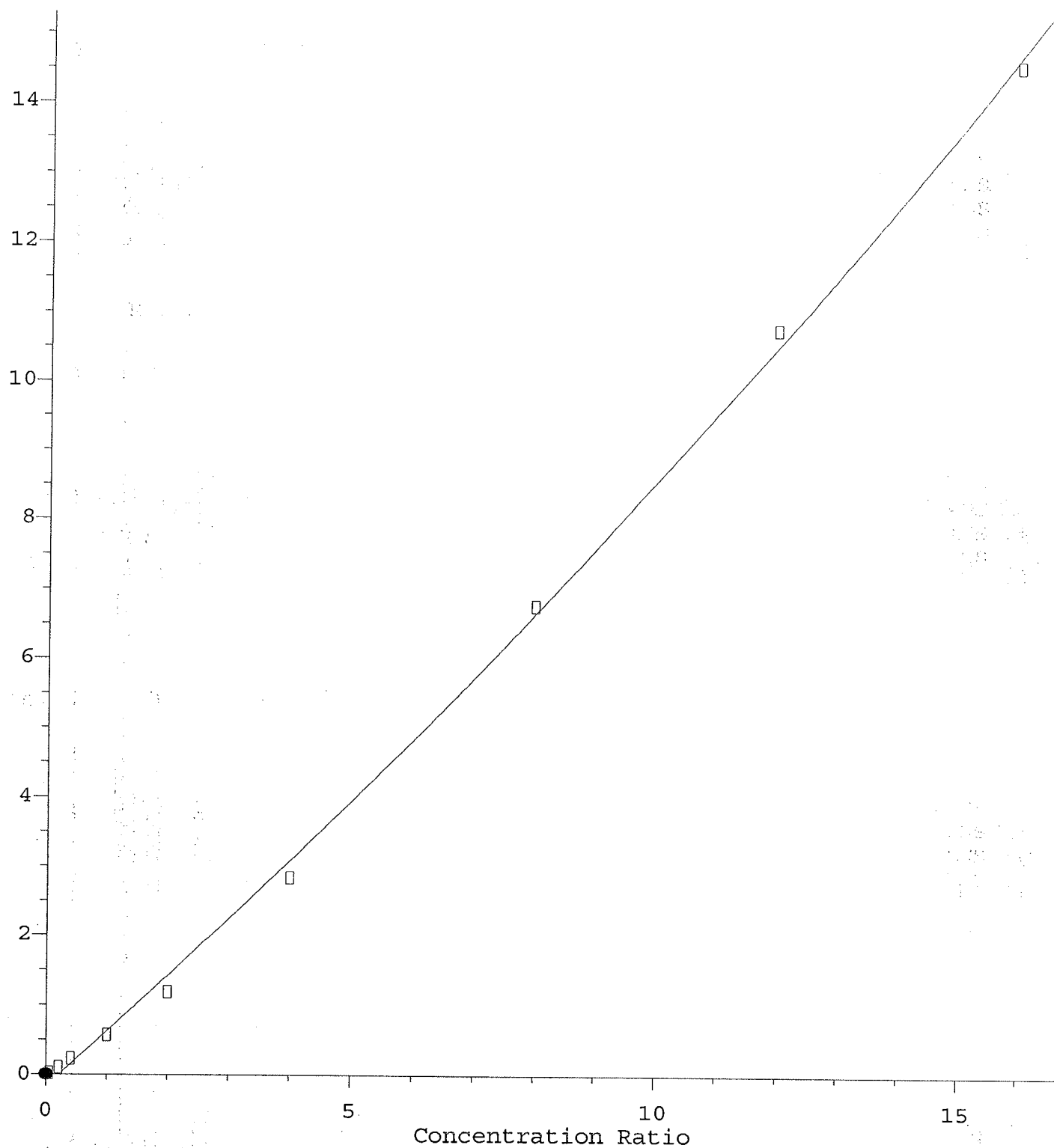
Title : Volatile Organics EPA 8260C

69) T	Isopropylbenzene	1.697	1.490	1.725	1.675	1.678	1.609	1.616	1.594	1.559	1.627	4.58
70) S	p-Bromofluorobenzene	1.044	1.056	1.064	1.039	1.056	1.041	1.053	1.052	1.071	1.053	0.98
71) T	1,1,2,2-Tetrachloroethane	0.264	0.230	0.241	0.243	0.246	0.243	0.226	0.225	0.217	0.237	5.96
72) T	Bromobenzene	0.585	0.524	0.563	0.567	0.559	0.550	0.520	0.520	0.508	0.544	4.85
73) T	trans-1,4-Dichlorobenzene	0.254	0.237	0.253	0.263	0.257	0.260	0.240	0.235	0.226	0.247	5.25
74) T	1,2,3-Trichlorobenzene	0.064	0.060	0.066	0.066	0.064	0.067	0.063	0.063	0.061	0.064	3.54
75) T	n-Propylbenzene	1.931	1.711	1.978	1.940	1.918	1.828	1.796	1.724	1.668	1.832	6.24
76) T	2-Chlorotoluene	1.295	1.182	1.331	1.284	1.276	1.222	1.166	1.102	1.037	1.211	8.07
77) T	4-Chlorotoluene	1.131	1.053	1.176	1.164	1.166	1.135	1.127	1.108	1.104	1.129	3.39
78) T	1,3,5-Trimethylbenzene	1.371	1.241	1.408	1.392	1.392	1.348	1.353	1.321	1.290	1.346	4.04
79) T	tert-Butylbenzene	1.218	1.075	1.248	1.220	1.230	1.190	1.229	1.225	1.220	1.206	4.27
80) T	1,2,4-Trimethylbenzene	1.390	1.274	1.435	1.417	1.403	1.363	1.337	1.267	1.206	1.343	5.85
81) T	sec-Butylbenzene	1.620	1.453	1.725	1.694	1.708	1.640	1.663	1.637	1.620	1.640	4.86
82) T	1,3-Dichlorobenzene	0.714	0.659	0.739	0.752	0.762	0.758	0.736	0.709	0.673	0.722	5.10
83) T	p-Isopropyltoluene	1.442	1.303	1.524	1.520	1.553	1.504	1.495	1.422	1.342	1.456	5.93
84) T	1,4-Dichlorobenzene	0.689	0.647	0.737	0.739	0.754	0.759	0.762	0.764	0.758	0.734	5.48
85) T	1,2,3-Trimethylbenzene	1.274	1.340	1.434	1.344	1.330	1.304	1.275	1.246	1.214	1.307	4.96
86) T	p-Diethylbenzene	0.704	0.712	0.815	0.787	0.812	0.794	0.805	0.800	0.781	0.779	5.35
87) T	1,2-Dichlorobenzene	0.643	0.587	0.655	0.667	0.663	0.675	0.667	0.684	0.690	0.659	4.59
88) T	n-Butylbenzene	1.341	1.212	1.454	1.480	1.516	1.467	1.468	1.447	1.406	1.421	6.53
89) T	1,2-Dibromo-3-nitrobenzene	0.044	0.034	0.036	0.037	0.037	0.040	0.038	0.039	0.040	0.038	7.27
90) T	1,2,4,5-Tetramethylbenzene	1.175	1.283	1.413	1.344	1.404	1.400	1.406	1.407	1.374	1.356	5.91
91) T	1,2,4-Trichlorobenzene	0.285	0.273	0.308	0.337	0.361	0.382	0.382	0.399	0.408	0.348	14.30
92) T	Hexachloro-1,3,5-trinitrobenzene	0.104	0.093	0.118	0.129	0.146	0.156	0.169	0.180	0.193	0.143	24.10
93) T	Naphthalene	0.569	0.502	0.544	0.589	0.610	0.654	0.622	0.657	0.672	0.602	9.45
94) T	1,2,3-Trichlorobenzene	0.200	0.189	0.210	0.235	0.253	0.275	0.267	0.284	0.292	0.245	15.54

(#) = Out of Range

Chloromethane

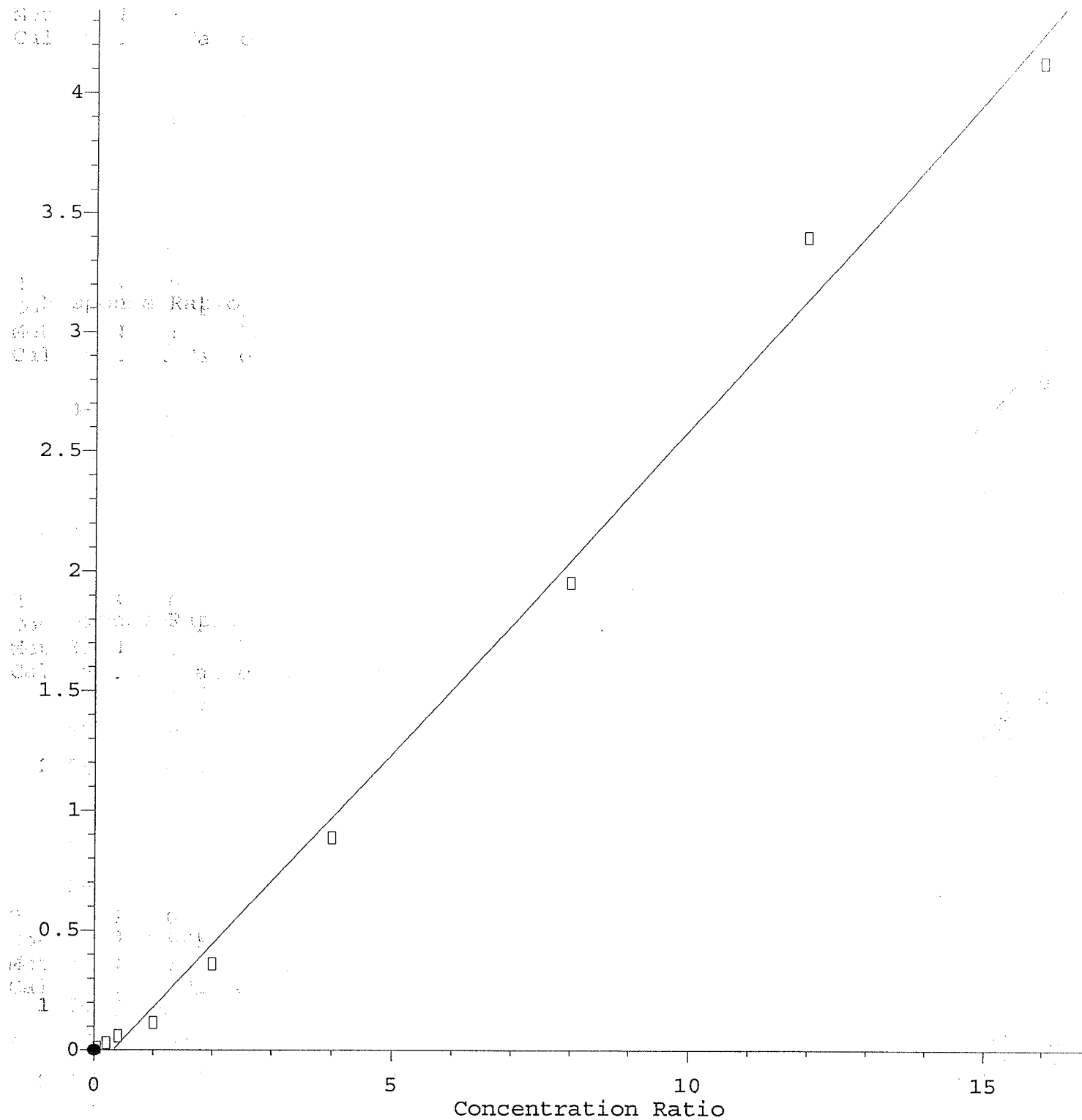
Response Ratio



$R = 9.85e-003 A^2 + 7.72e-001 A - 1.62e-001$
Coef of Det (r^2) = 0.999 Curve Fit: Quadratic
Method Name: C:\msdchem\1\methods\V8L00005.M
Calibration Table Last Updated: Fri Apr 29 09:27:55 2016

Bromomethane

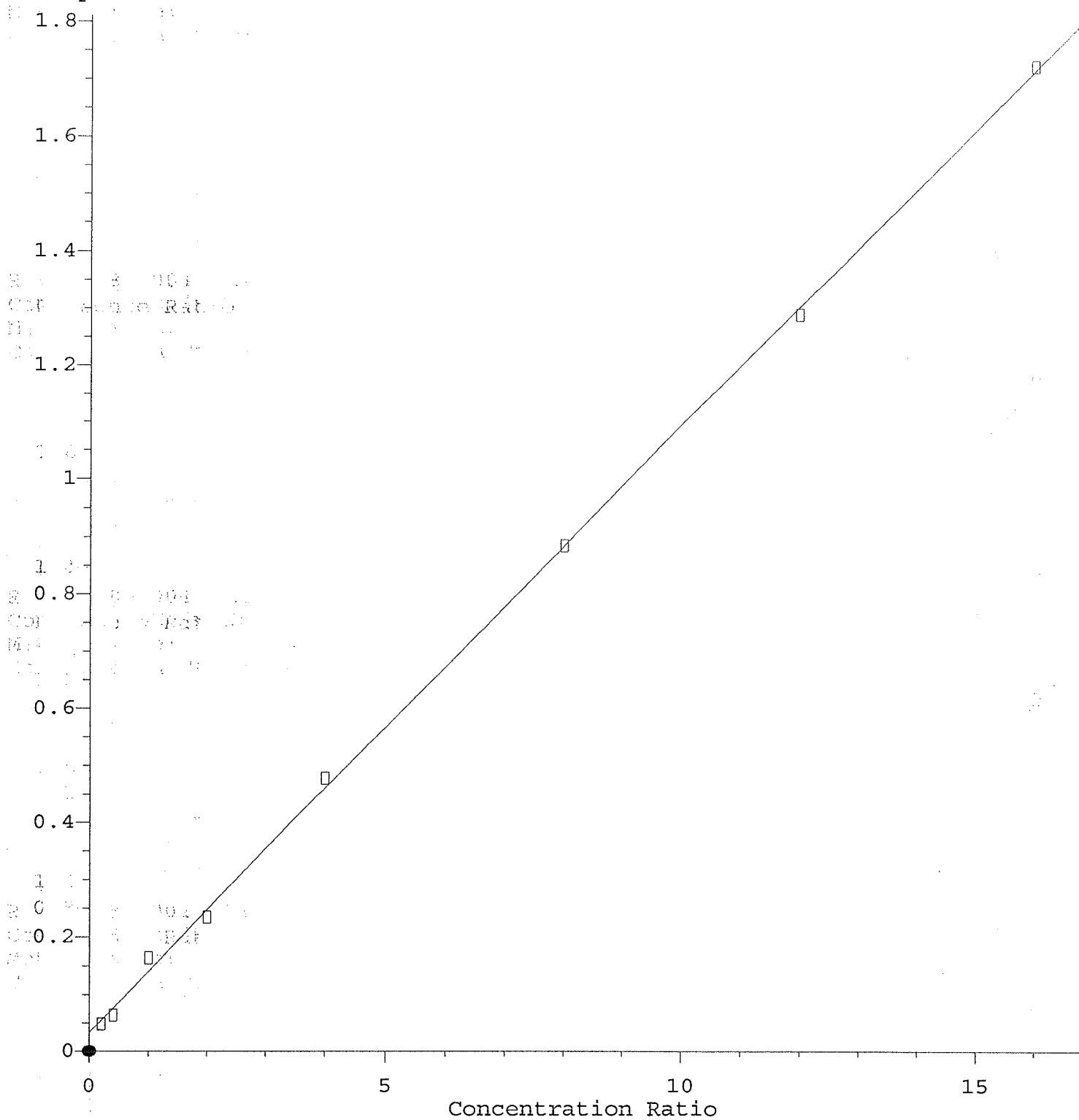
Response Ratio



$R = 6.28e-004 A^2 + 2.61e-001 A - 8.33e-002$
 Coef of Det (r^2) = 0.994 Curve Fit: Quadratic
 Method Name: C:\msdchem\1\methods\V8LO0005.M
 Calibration Table Last Updated: Fri Apr 29 09:27:55 2016

Acetone

Response Ratio



$$R = -1.38e-004 A^2 + 1.07e-001 A + 3.33e-002$$

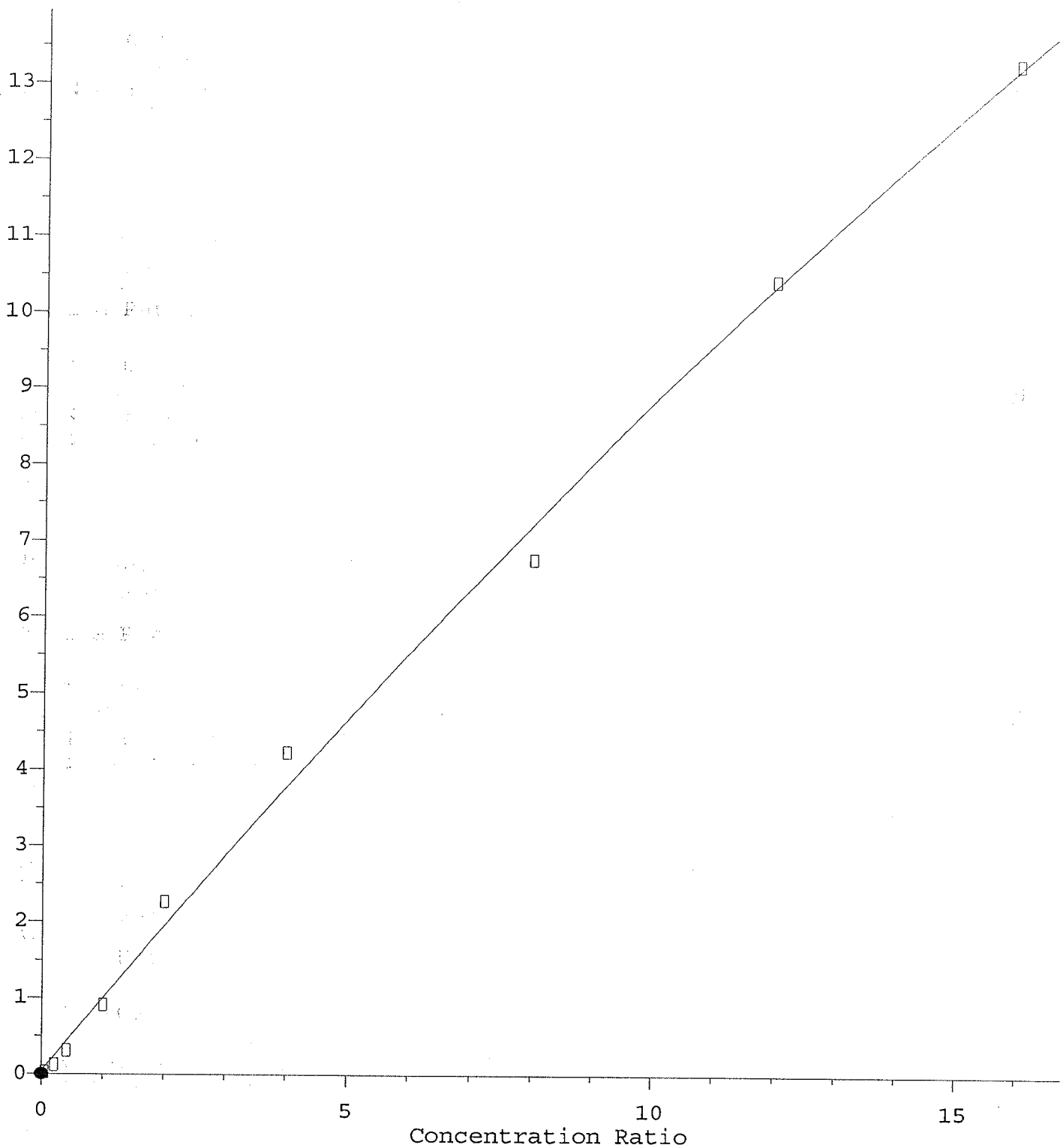
Coef of Det (r²) = 0.999 Curve Fit: Quadratic

Method Name: C:\msdchem\1\methods\V8LO0005.M

Calibration Table Last Updated: Fri Apr 29 09:27:55 2016

Iodomethane

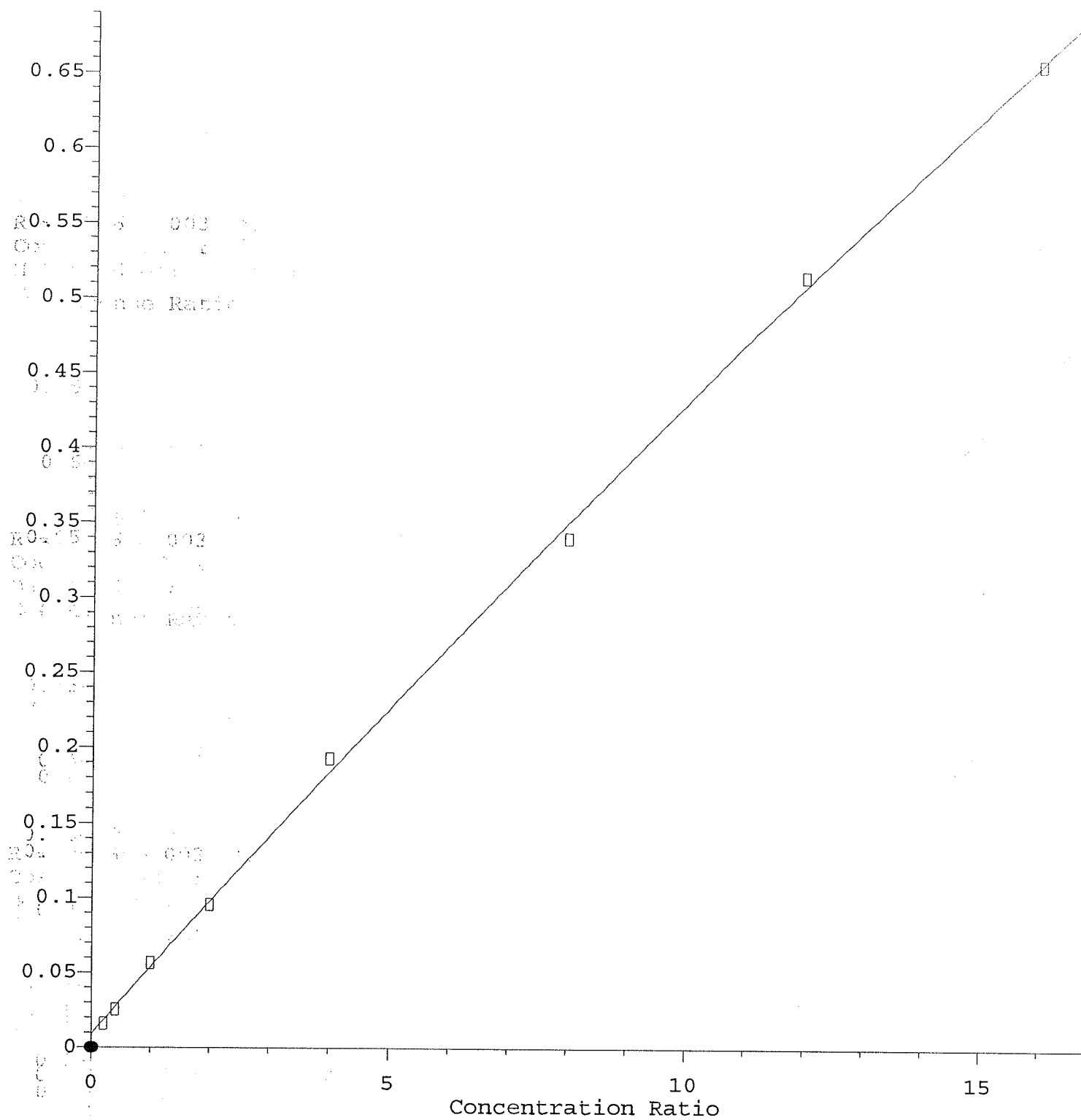
Response Ratio



$R = -9.21e-003 A^2 + 9.72e-001 A + 4.04e-002$
 Coef of Det (r^2) = 0.997 Curve Fit: Quadratic
 Method Name: C:\msdchem\1\methods\V8LO0005.M
 Calibration Table Last Updated: Fri Apr 29 09:27:55 2016

2-Butanone

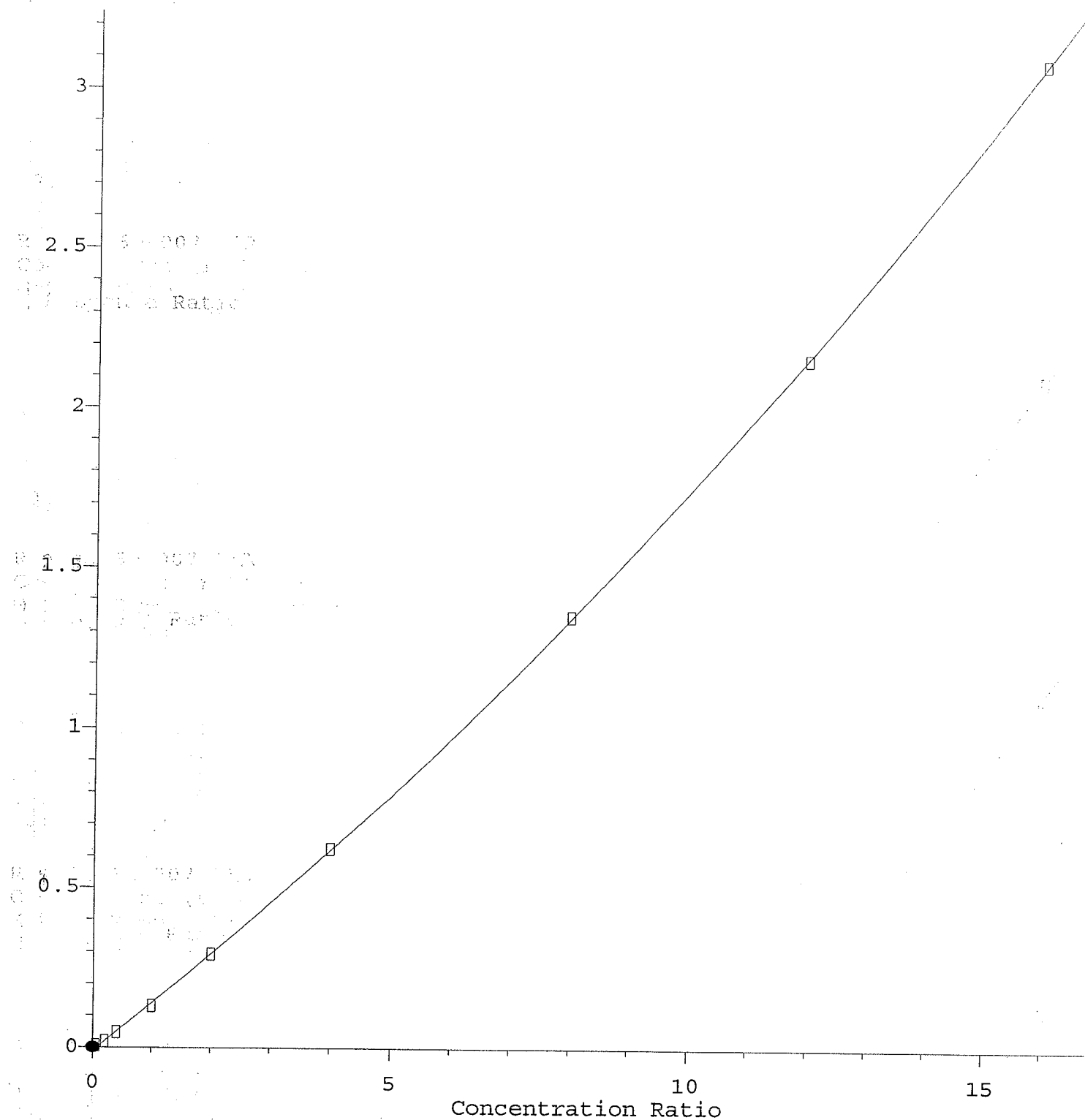
Response Ratio



$R = -2.57e-004 A^2 + 4.47e-002 A + 9.16e-003$
Coef of Det (r^2) = 0.999 Curve Fit: Quadratic
Method Name: C:\msdchem\1\methods\V8LO0005.M
Calibration Table Last Updated: Fri Apr 29 09:27:55 2016

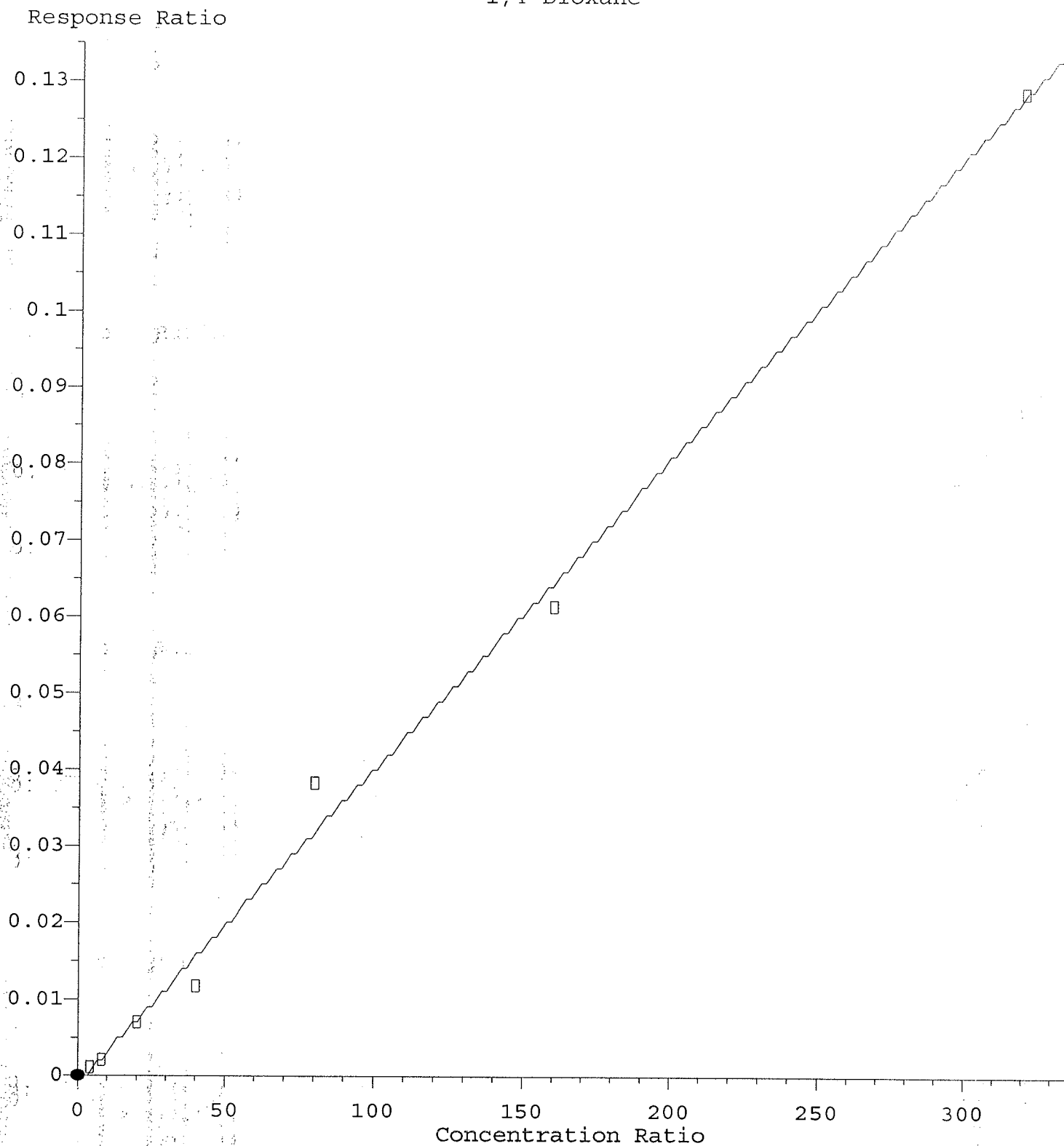
Hexachloro-1,3-Butadiene

Response Ratio



$R = 3.01e-003 A^2 + 1.45e-001 A - 9.85e-003$
Coef of Det (r^2) = 1.000 Curve Fit: Quadratic
Method Name: C:\msdchem\1\methods\V8LO0005.M
Calibration Table Last Updated: Fri Apr 29 09:27:55 2016

1,4-Dioxane



$R = -3.21e-008 A^2 + 4.15e-004 A - 1.05e-003$
Coef of Det (r^2) = 0.995 Curve Fit: Quadratic
Method Name: C:\msdchem\1\methods\V8LO0005.M
Calibration Table Last Updated: Fri Apr 29 09:58:12 2016

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000677.D
 Acq On : 28 Apr 2016 6:14 pm
 Operator :
 Sample : SEQ-CAL1
 Misc : V8042816A 0.5PPB
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 29 09:26:30 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	236567	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1074613	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	515529	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	290816	8.64	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	86.40%	
51) Toluene-d8 (SURR)	7.715	98	1309696	10.68	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	106.80%	
70) p-Bromofluorobenzene (...)	10.504	95	538284	10.40	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	104.00%	
Target Compounds						
2) Dichlorodifluoromethane	1.747	85	9128	0.32	ppb	99
7) Trichlorofluoromethane	2.812	101	9322	0.22	ppb	99
9) Freon-113	3.337	101	7741	0.26	ppb	95
10) 1,1-Dichloroethylene	3.359	61	13731	0.24	ppb	# 90
11) Acrolein	3.303	56	1128m	0.39	ppb	
12) Acetone	3.471	43	5502	Below Cal		97
14) Methyl Acetate	3.777	43	3669	0.24	ppb	99
15) Carbon disulfide	3.596	76	21489	0.30	ppb	100
17) Methylene Chloride	3.878	49	13733	0.64	ppb	86
18) Acrylonitrile	4.154	53	2372m	0.37	ppb	
19) trans-1,2-Dichloroethy...	4.126	61	13003	0.24	ppb	99
20) tert-Butyl Methyl Ethe...	4.112	73	19045	0.33	ppb	95
21) 1,1-Dichloroethane	4.541	63	17259	0.25	ppb	98
25) cis-1,2-Dichloroethylene	5.102	61	15431	0.24	ppb	# 84
26) 2-Butanone	5.133	72	2452	1.39	ppb	# 1
27) 2,2-Dichloropropane	5.082	77	13229	0.30	ppb	# 86
28) Tetrahydrofuran	5.406	42	1561m	1.12	ppb	
29) Bromochloromethane	5.342	49	7714	0.24	ppb	93
30) Chloroform	5.406	83	16388m	0.28	ppb	
31) 1,1,1-Trichloroethane	5.559	97	15181	0.27	ppb	99
32) Cyclohexane	5.590	56	17398m	0.25	ppb	
33) 1,1-Dichloropropylene	5.704	75	12220	0.28	ppb	# 63
35) Carbon Tetrachloride	5.710	117	12961m	0.26	ppb	
37) 1,2-Dichloroethane	5.964	62	9422	0.22	ppb	# 86
38) Benzene	5.919	78	35934	0.29	ppb	# 1
41) Trichloroethylene	6.527	95	10207	0.30	ppb	99
42) Methyl Cyclohexane	6.678	83	14869	0.29	ppb	# 87
43) Methyl Methacrylate	6.831	69	4409	0.42	ppb	# 68

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000677.D
 Acq On : 28 Apr 2016 6:14 pm
 Operator :
 Sample : SEQ-CAL1
 Misc : V8042816A 0.5PPB
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 29 09:26:30 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
44)	Dibromomethane	6.903	93	4224	0.40	ppb	# 74
45)	Bromodichloromethane	7.043	83	11313m	0.28	ppb	
46)	1,2-Dichloropropane	6.764	63	9536m	0.27	ppb	
47)	1,4-Dioxane	6.940	88	99m	3.63	ppb	
49)	cis-1,3-Dichloropropene	7.469	75	12513	0.28	ppb	# 82
50)	4-Methyl-2-Pentanone	7.598	43	11045m	0.27	ppb	
52)	Toluene	7.785	91	39660	0.27	ppb	98
53)	trans-1,3-Dichloropropene	8.030	75	10231	0.30	ppb	# 91
54)	1,1,2-Trichloroethane	8.234	97	6249	0.34	ppb	90
55)	1,3-Dichloropropane	8.404	76	9896	0.31	ppb	# 89
56)	Tetrachloroethylene	8.340	166	10483	0.28	ppb	# 81
57)	2-Hexanone	8.454	43	3753	0.25	ppb	# 93
58)	Dibromochloromethane	8.643	129	7360	0.29	ppb	# 94
59)	1,2-Dibromoethane	8.777	107	5990	0.34	ppb	# 98
60)	Chlorobenzene	9.263	112	24862	0.28	ppb	# 29
61)	1,1,1,2-tetrachloroethane	9.346	131	9142	0.27	ppb	# 53
62)	Ethyl Benzene	9.346	91	43718	0.29	ppb	96
63)	p- & m-Xylenes	9.466	91	66442	0.57	ppb	95
64)	o-Xylene	9.907	91	34594	0.29	ppb	98
65)	Styrene	9.929	104	25039	0.21	ppb	# 77
66)	Bromofrom	10.183	173	3596	0.27	ppb	# 84
68)	p-Ethyltoluene	10.939	105	35344	0.26	ppb	# 79
69)	Isopropylbenzene	10.289	105	43744	0.32	ppb	94
71)	1,1,2,2-Tetrachloroethane	10.679	83	6816	0.38	ppb	# 70
72)	Bromobenzene	10.679	77	15067	0.30	ppb	97
74)	1,2,3-Trichloropropane	10.741	110	1651	0.33	ppb	# 84
75)	n-Propylbenzene	10.749	91	49762	0.32	ppb	99
76)	2-Chlorotoluene	10.880	91	33383	0.31	ppb	98
77)	4-Chlorotoluene	10.997	91	29148	0.30	ppb	99
78)	1,3,5-Trimethylbenzene	10.939	105	35344	0.30	ppb	95
79)	tert-Butylbenzene	11.309	119	31403	0.33	ppb	96
80)	1,2,4-Trimethylbenzene	11.365	105	35838	0.29	ppb	# 78
81)	sec-Butylbenzene	11.552	105	41768	0.32	ppb	# 91
82)	1,3-Dichlorobenzene	11.725	146	18411	0.29	ppb	99
83)	p-Isopropyltoluene	11.711	119	37179	0.30	ppb	97
84)	1,4-Dichlorobenzene	11.825	146	17751	0.28	ppb	97
86)	p-Diethylbenzene	12.146	105	18148	0.28	ppb	# 54
87)	1,2-Dichlorobenzene	12.258	146	16578	0.30	ppb	# 83
88)	n-Butylbenzene	12.177	91	34566m	0.28	ppb	
89)	1,2-Dibromo-3-chloropr...	13.172	75	1131m	0.40	ppb	
90)	1,2,4,5-Tetramethylben...	13.050	119	30288	0.27	ppb	94
91)	1,2,4-Trichlorobenzene	14.087	180	7358	0.22	ppb	96

Data Path : C:\msdchem\1\data\042816\
Data File : V8000677.D
Acq On : 28 Apr 2016 6:14 pm
Operator :
Sample : SEQ-CAL1
Misc : V8042816A 0.5PPB
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 29 09:26:30 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Naphthalene	14.388	128	14658	0.34	ppb	95
94) 1,2,3-Trichlorobenzene	14.667	180	5149	0.21	ppb	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000678.D
 Acq On : 28 Apr 2016 6:40 pm
 Operator :
 Sample : SEQ-CAL2
 Misc : V8042816A 2.0PPB
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 29 09:19:33 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	234773	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1070184	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.235	152	509347	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	284913	8.53	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	85.30%	
51) Toluene-d8 (SURR)	7.715	98	1300976	10.65	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.50%	
70) p-Bromofluorobenzene (...)	10.504	95	538003	10.52	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	105.20%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	35122	1.24	ppb	99
3) Chloromethane	1.954	50	24618	0.73	ppb	93
4) Vinyl Chloride	2.071	62	23016	0.69	ppb	98
5) Bromomethane	2.444	94	6697m	0.57	ppb	
6) Chloroethane	2.556	64	12270m	0.93	ppb	
7) Trichlorofluoromethane	2.807	101	34265	0.83	ppb	99
9) Freon-113	3.340	101	28578	0.98	ppb	97
10) 1,1-Dichloroethylene	3.362	61	45829	0.81	ppb	# 93
11) Acrolein	3.306	56	2641	0.91	ppb	96
12) Acetone	3.473	43	11429m	Below Cal		
13) Iodomethane	3.540	142	27504	0.88	ppb	100
14) Methyl Acetate	3.772	43	16926m	1.12	ppb	
15) Carbon disulfide	3.596	76	68865	0.97	ppb	100
16) tert-Butyl Alcohol (TBA)	4.014	59	2225m	0.63	ppb	
17) Methylene Chloride	3.878	49	45132	1.15	ppb	88
18) Acrylonitrile	4.148	53	6663m	1.06	ppb	
19) trans-1,2-Dichloroethy...	4.123	61	45182	0.85	ppb	# 71
20) tert-Butyl Methyl Ethe...	4.109	73	66853	1.16	ppb	96
21) 1,1-Dichloroethane	4.544	63	59382	0.88	ppb	99
22) Vinyl Acetate	4.555	43	88464	0.71	ppb	100
25) cis-1,2-Dichloroethylene	5.102	61	53511	0.85	ppb	96
26) 2-Butanone	5.127	72	3758	2.15	ppb	# 1
27) 2,2-Dichloropropane	5.085	77	43646	1.00	ppb	# 82
28) Tetrahydrofuran	5.395	42	6578m	4.76	ppb	
29) Bromochloromethane	5.342	49	27148	0.86	ppb	93
30) Chloroform	5.406	83	56542	0.96	ppb	# 69
31) 1,1,1-Trichloroethane	5.557	97	49333	0.89	ppb	99
32) Cyclohexane	5.584	56	57653	0.84	ppb	85

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000678.D
 Acq On : 28 Apr 2016 6:40 pm
 Operator :
 Sample : SEQ-CAL2
 Misc : V8042816A 2.0PPB
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 29 09:19:33 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33)	1,1-Dichloropropylene	5.707	75	41605	0.95	ppb	# 64
35)	Carbon Tetrachloride	5.710	117	44077	0.88	ppb	# 91
37)	1,2-Dichloroethane	5.964	62	33560	0.79	ppb	100
38)	Benzene	5.919	78	124526	1.01	ppb	# 1
41)	Trichloroethylene	6.527	95	33660	0.99	ppb	94
42)	Methyl Cyclohexane	6.675	83	54148	1.07	ppb	# 87
43)	Methyl Methacrylate	6.831	69	12632	1.20	ppb	# 57
44)	Dibromomethane	6.901	93	14381	1.36	ppb	94
45)	Bromodichloromethane	7.040	83	39554	0.98	ppb	# 95
46)	1,2-Dichloropropane	6.767	63	33358	0.96	ppb	# 87
47)	1,4-Dioxane	6.923	88	1172m	43.10	ppb	
49)	cis-1,3-Dichloropropene	7.470	75	46495	1.04	ppb	85
50)	4-Methyl-2-Pentanone	7.601	43	38647m	0.93	ppb	
52)	Toluene	7.785	91	136740	0.93	ppb	98
53)	trans-1,3-Dichloropropene	8.030	75	36937	1.09	ppb	98
54)	1,1,2-Trichloroethane	8.228	97	21510	1.17	ppb	94
55)	1,3-Dichloropropane	8.401	76	35014	1.09	ppb	# 91
56)	Tetrachloroethylene	8.337	166	34710	0.92	ppb	97
57)	2-Hexanone	8.446	43	15200m	1.03	ppb	
58)	Dibromochloromethane	8.649	129	26753	1.06	ppb	97
59)	1,2-Dibromoethane	8.775	107	20730	1.17	ppb	94
60)	Chlorobenzene	9.263	112	90900	1.04	ppb	# 89
61)	1,1,1,2-tetrachloroethane	9.346	131	32911	0.99	ppb	# 70
62)	Ethyl Benzene	9.346	91	152241	1.01	ppb	95
63)	p- & m-Xylenes	9.466	91	238007	2.06	ppb	95
64)	o-Xylene	9.907	91	124230	1.06	ppb	98
65)	Styrene	9.926	104	92615	0.79	ppb	# 98
66)	Bromofrom	10.186	173	13277	1.02	ppb	97
68)	p-Ethyltoluene	11.368	105	129818	0.97	ppb	99
69)	Isopropylbenzene	10.292	105	151772	1.13	ppb	96
71)	1,1,2,2-Tetrachloroethane	10.682	83	23460	1.33	ppb	# 55
72)	Bromobenzene	10.679	77	53424	1.09	ppb	95
73)	trans-1,4-Dichloro-2-b...	10.732	75	24193	0.24	ppb	# 74
74)	1,2,3-Trichloropropane	10.732	110	6123	1.23	ppb	# 19
75)	n-Propylbenzene	10.749	91	174321	1.14	ppb	98
76)	2-Chlorotoluene	10.877	91	120390	1.14	ppb	98
77)	4-Chlorotoluene	10.997	91	107230	1.12	ppb	98
78)	1,3,5-Trimethylbenzene	10.936	105	126394	1.07	ppb	96
79)	tert-Butylbenzene	11.304	119	109535	1.16	ppb	94
80)	1,2,4-Trimethylbenzene	11.368	105	129818	1.08	ppb	# 77
81)	sec-Butylbenzene	11.552	105	148042	1.16	ppb	98
82)	1,3-Dichlorobenzene	11.728	146	67145	1.08	ppb	99

Data Path : C:\msdchem\1\data\042816\
Data File : V8000678.D
Acq On : 28 Apr 2016 6:40 pm
Operator :
Sample : SEQ-CAL2
Misc : V8042816A 2.0PPB
ALS Vial : 15 Sample Multiplier: 1

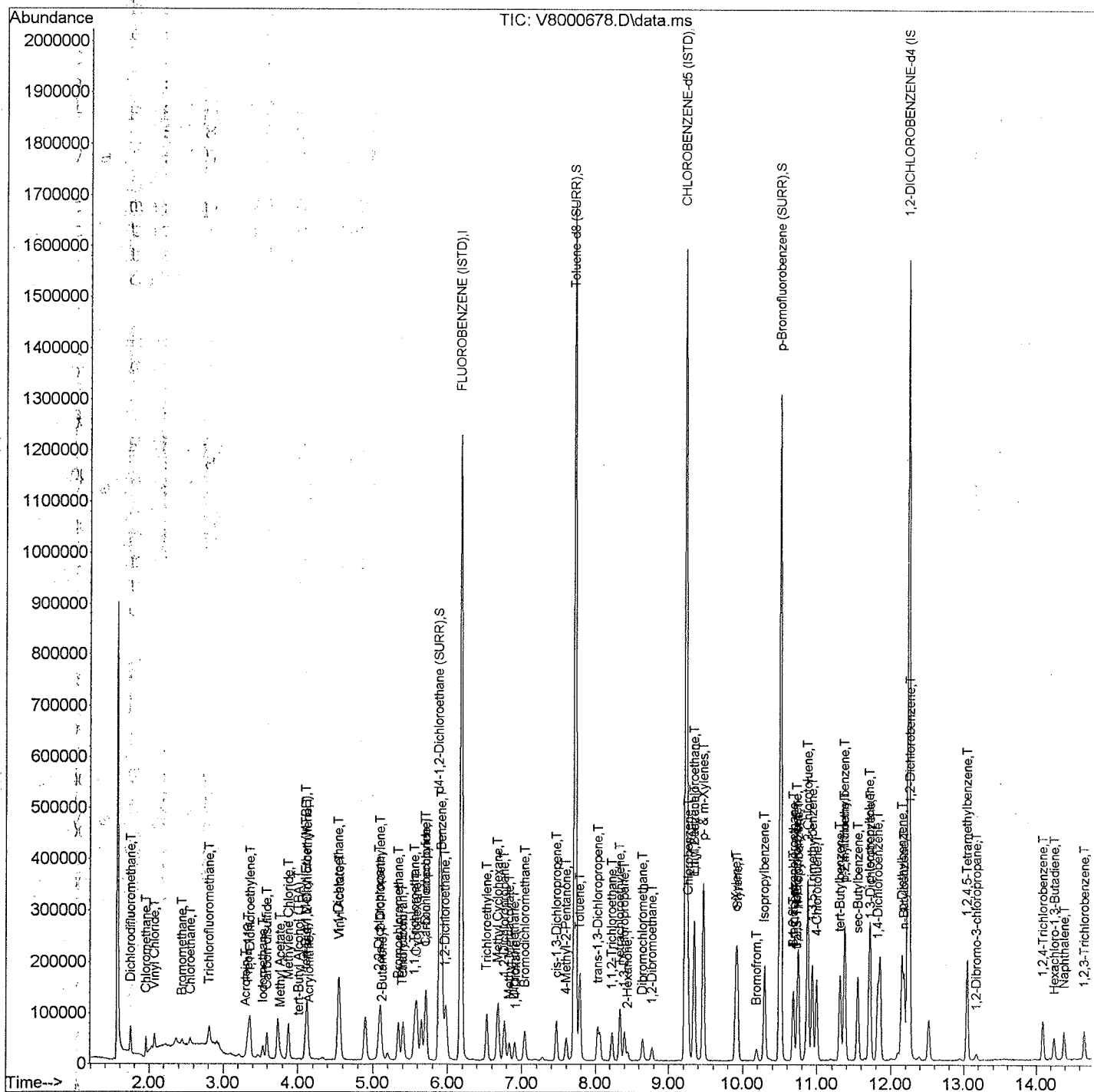
Quant Time: Apr 29 09:19:33 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	p-Isopropyltoluene	11.711	119	132708	1.09	ppb	97
84)	1,4-Dichlorobenzene	11.825	146	65895	1.07	ppb	97
86)	p-Diethylbenzene	12.149	105	72566	1.14	ppb	# 54
87)	1,2-Dichlorobenzene	12.260	146	59842m	1.09	ppb	
88)	n-Butylbenzene	12.180	91	123496	1.01	ppb	# 84
89)	1,2-Dibromo-3-chloropr...	13.175	75	3498	1.25	ppb	# 86
90)	1,2,4,5-Tetramethylben...	13.047	119	130649	1.19	ppb	96
91)	1,2,4-Trichlorobenzene	14.090	180	27834	0.86	ppb	98
92)	Hexachloro-1,3-Butadiene	14.249	225	9491m	0.71	ppb	
93)	Naphthalene	14.385	128	51096	1.19	ppb	98
94)	1,2,3-Trichlorobenzene	14.667	180	19298	0.81	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : C:\msdchem\1\data\042816\  
Data File : V8000678.D  
Acq On    : 28 Apr 2016    6:40 pm  
Operator  :  
Sample    : SEQ-CAL2  
Misc      : V8042816A 2.0PPB  
ALS Vial  : 15    Sample Multiplier: 1
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Quant Time: Apr 29 09:19:33 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\042816\
 Data File : V8000679.D
 Acq On : 28 Apr 2016 7:05 pm
 Operator :
 Sample : SEQ-CAL3
 Misc : V8042816A 4.0PPB
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 29 09:19:57 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	232852	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1056183	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.235	152	496085	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	275954	8.33	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	83.30%	
51) Toluene-d8 (SURR)	7.715	98	1284499	10.66	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	106.60%	
70) p-Bromofluorobenzene (...)	10.504	95	527827	10.60	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	106.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.745	85	76581	2.74	ppb	99
3) Chloromethane	1.954	50	52340	1.57	ppb	94
4) Vinyl Chloride	2.071	62	49782	1.51	ppb	97
5) Bromomethane	2.450	94	13936m	1.19	ppb	
6) Chloroethane	2.553	64	22492m	1.72	ppb	
7) Trichlorofluoromethane	2.813	101	75813	1.85	ppb	99
9) Freon-113	3.331	101	64982	2.25	ppb	97
10) 1,1-Dichloroethylene	3.362	61	102757	1.84	ppb	# 93
11) Acrolein	3.303	56	4796	1.67	ppb	# 84
12) Acetone	3.468	43	14768	Below	Cal	98
13) Iodomethane	3.540	142	72583	2.35	ppb	100
14) Methyl Acetate	3.769	43	30305m	2.02	ppb	
15) Carbon disulfide	3.596	76	154537	2.19	ppb	100
16) tert-Butyl Alcohol (TBA)	4.014	59	3828	1.09	ppb	# 97
17) Methylene Chloride	3.878	49	95544	1.98	ppb	87
18) Acrylonitrile	4.148	53	12544m	2.00	ppb	
19) trans-1,2-Dichloroethy...	4.123	61	98998	1.87	ppb	98
20) tert-Butyl Methyl Ethe...	4.109	73	140472	2.46	ppb	97
21) 1,1-Dichloroethane	4.544	63	129117	1.92	ppb	99
22) Vinyl Acetate	4.561	43	186533	1.51	ppb	100
25) cis-1,2-Dichloroethylene	5.102	61	116591	1.87	ppb	95
26) 2-Butanone	5.127	72	5888	3.39	ppb	# 1
27) 2,2-Dichloropropane	5.080	77	96696	2.24	ppb	# 90
28) Tetrahydrofuran	5.395	42	12050m	8.79	ppb	
29) Bromochloromethane	5.345	49	56579	1.81	ppb	# 67
30) Chloroform	5.406	83	121444	2.08	ppb	# 96
31) 1,1,1-Trichloroethane	5.557	97	110811	2.02	ppb	# 73
32) Cyclohexane	5.587	56	133375	1.97	ppb	84

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000679.D
 Acq On : 28 Apr 2016 7:05 pm
 Operator :
 Sample : SEQ-CAL3
 Misc : V8042816A 4.0PPB
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 29 09:19:57 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33)	1,1-Dichloropropylene	5.710	75	94209	2.16	ppb	# 62
35)	Carbon Tetrachloride	5.707	117	100568	2.02	ppb	98
37)	1,2-Dichloroethane	5.964	62	73634	1.75	ppb	# 97
38)	Benzene	5.922	78	268397	2.20	ppb	# 51
41)	Trichloroethylene	6.530	95	73672	2.19	ppb	94
42)	Methyl Cyclohexane	6.680	83	121741	2.43	ppb	# 88
43)	Methyl Methacrylate	6.837	69	27227	2.62	ppb	# 68
44)	Dibromomethane	6.903	93	30908	2.96	ppb	96
45)	Bromodichloromethane	7.043	83	83060	2.09	ppb	# 95
46)	1,2-Dichloropropane	6.767	63	70926	2.06	ppb	96
47)	1,4-Dioxane	6.909	88	2193	81.72	ppb	92
49)	cis-1,3-Dichloropropene	7.470	75	99751	2.25	ppb	89
50)	4-Methyl-2-Pentanone	7.598	43	78754m	1.93	ppb	
52)	Toluene	7.782	91	296852	2.04	ppb	99
53)	trans-1,3-Dichloropropene	8.030	75	78484	2.34	ppb	99
54)	1,1,2-Trichloroethane	8.228	97	44637	2.46	ppb	95
55)	1,3-Dichloropropane	8.401	76	74188	2.34	ppb	# 90
56)	Tetrachloroethylene	8.340	166	79403	2.13	ppb	# 81
57)	2-Hexanone	8.451	43	31230m	2.15	ppb	
58)	Dibromochloromethane	8.649	129	57091	2.30	ppb	97
59)	1,2-Dibromoethane	8.777	107	43184	2.46	ppb	93
60)	Chlorobenzene	9.263	112	196486	2.28	ppb	96
61)	1,1,1,2-tetrachloroethane	9.349	131	70016	2.13	ppb	90
62)	Ethyl Benzene	9.346	91	333703	2.24	ppb	94
63)	p- & m-Xylenes	9.466	91	521318	4.56	ppb	94
64)	o-Xylene	9.907	91	270347	2.33	ppb	98
65)	Styrene	9.929	104	200952	1.73	ppb	# 77
66)	Bromofrom	10.186	173	28009	2.18	ppb	# 79
68)	p-Ethyltoluene	10.941	105	279486	2.14	ppb	98
69)	Isopropylbenzene	10.294	105	342377	2.62	ppb	96
71)	1,1,2,2-Tetrachloroethane	10.679	83	47897	2.79	ppb	# 65
72)	Bromobenzene	10.679	77	111778	2.35	ppb	93
73)	trans-1,4-Dichloro-2-b...	10.735	75	50218	0.51	ppb	# 72
74)	1,2,3-Trichloropropane	10.735	110	13073	2.71	ppb	# 15
75)	n-Propylbenzene	10.749	91	392501	2.63	ppb	98
76)	2-Chlorotoluene	10.877	91	264073	2.56	ppb	98
77)	4-Chlorotoluene	10.997	91	233304	2.51	ppb	98
78)	1,3,5-Trimethylbenzene	10.941	105	279486	2.43	ppb	95
79)	tert-Butylbenzene	11.304	119	247720	2.70	ppb	94
80)	1,2,4-Trimethylbenzene	11.365	105	284713	2.43	ppb	# 77
81)	sec-Butylbenzene	11.552	105	342242	2.75	ppb	98
82)	1,3-Dichlorobenzene	11.725	146	146567	2.42	ppb	99

Data Path : C:\msdchem\1\data\042816\
Data File : V8000679.D
Acq On : 28 Apr 2016 7:05 pm
Operator :
Sample : SEQ-CAL3
Misc : V8042816A 4.0PPB
ALS Vial : 16 Sample Multiplier: 1

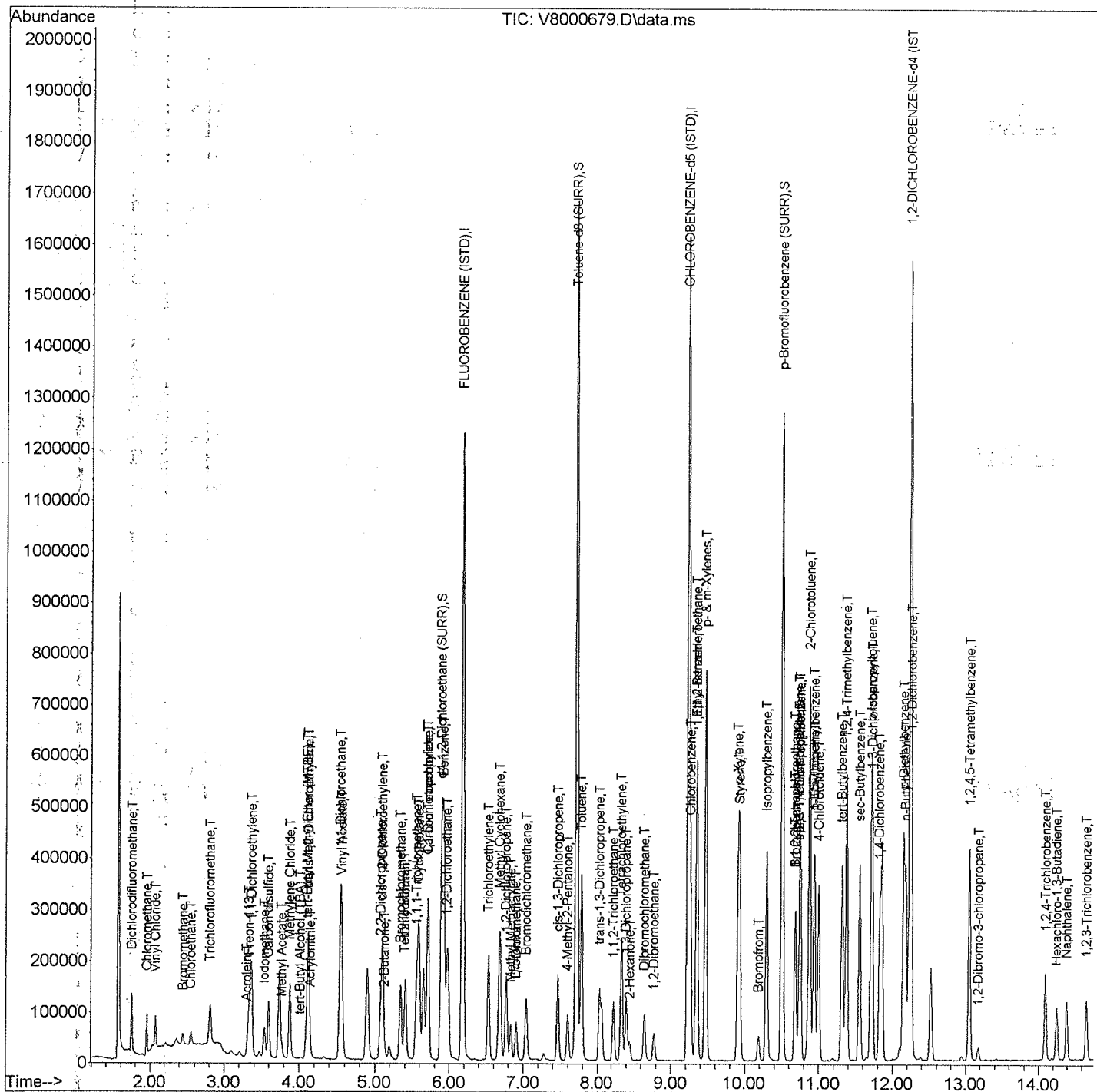
Quant Time: Apr 29 09:19:57 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	p-Isopropyltoluene	11.711	119	302326	2.56	ppb	97
84)	1,4-Dichlorobenzene	11.823	146	146159	2.43	ppb	98
86)	p-Diethylbenzene	12.149	105	161662	2.62	ppb	# 55
87)	1,2-Dichlorobenzene	12.260	146	129967	2.43	ppb	# 86
88)	n-Butylbenzene	12.177	91	288479	2.43	ppb	89
89)	1,2-Dibromo-3-chloropr...	13.175	75	7058	2.59	ppb	# 58
90)	1,2,4,5-Tetramethylben...	13.050	119	280435	2.62	ppb	95
91)	1,2,4-Trichlorobenzene	14.093	180	61188	1.94	ppb	99
92)	Hexachloro-1,3-Butadiene	14.246	225	23317	1.78	ppb	95
93)	Naphthalene	14.388	128	107926	2.57	ppb	97
94)	1,2,3-Trichlorobenzene	14.667	180	41609	1.80	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\042816\
Data File : V8000679.D
Acq On : 28 Apr 2016 7:05 pm
Operator :
Sample : SEQ-CAL3
Misc : V8042816A 4.0PPB
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 29 09:19:57 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\042816\
 Data File : V8000680.D
 Acq On : 28 Apr 2016 7:30 pm
 Operator :
 Sample : SEQ-CAL4
 Misc : V8042816A 10PPB
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 29 09:27:44 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	234458	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1066594	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.235	152	508150	10.00	ppb	0.00

System Monitoring Compounds

34) d4-1,2-Dichloroethane ...	5.891	65	284873	8.54	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	85.40%	
51) Toluene-d8 (SURR)	7.715	98	1286388	10.57	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	105.70%	
70) p-Bromofluorobenzene (...)	10.504	95	528148	10.36	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	103.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.745	85	184222	6.54	ppb	99
3) Chloromethane	1.957	50	133225	3.96	ppb	94
4) Vinyl Chloride	2.071	62	122042	3.68	ppb	98
5) Bromomethane	2.447	94	26676m	2.27	ppb	
6) Chloroethane	2.553	64	47662m	3.61	ppb	
7) Trichlorofluoromethane	2.813	101	182264	4.41	ppb	100
9) Freon-113	3.337	101	153944	5.29	ppb	97
10) 1,1-Dichloroethylene	3.365	61	259014	4.60	ppb	# 94
11) Acrolein	3.303	56	14241	4.92	ppb	95
12) Acetone	3.471	43	38367m	Below	Cal	
13) Iodomethane	3.538	142	213147	6.86	ppb	100
14) Methyl Acetate	3.772	43	73533m	4.88	ppb	
15) Carbon disulfide	3.596	76	368607	5.19	ppb	100
16) tert-Butyl Alcohol (TBA)	4.012	59	9687	2.73	ppb	# 97
17) Methylene Chloride	3.878	49	237517	4.28	ppb	87
18) Acrylonitrile	4.148	53	32042	5.08	ppb	# 95
19) trans-1,2-Dichloroethy...	4.126	61	248192	4.65	ppb	99
20) tert-Butyl Methyl Ethe...	4.107	73	367033	6.40	ppb	97
21) 1,1-Dichloroethane	4.547	63	325364	4.80	ppb	# 88
22) Vinyl Acetate	4.564	43	469316	3.76	ppb	100
25) cis-1,2-Dichloroethylene	5.102	61	292838	4.66	ppb	95
26) 2-Butanone	5.124	72	13265	7.58	ppb	# 1
27) 2,2-Dichloropropane	5.083	77	242025	5.56	ppb	# 75
28) Tetrahydrofuran	5.389	42	31357m	22.72	ppb	
29) Bromochloromethane	5.342	49	146515	4.65	ppb	94
30) Chloroform	5.406	83	306253	5.21	ppb	# 98
31) 1,1,1-Trichloroethane	5.559	97	280293	5.06	ppb	99
32) Cyclohexane	5.587	56	313822	4.60	ppb	84

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000680.D
 Acq On : 28 Apr 2016 7:30 pm
 Operator :
 Sample : SEQ-CAL4
 Misc : V8042816A 10PPB
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 29 09:27:44 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
33)	1,1-Dichloropropylene	5.710	75	234973	5.35	ppb	#	61
35)	Carbon Tetrachloride	5.704	117	255939	5.11	ppb		99
37)	1,2-Dichloroethane	5.961	62	190211	4.50	ppb		99
38)	Benzene	5.919	78	670952	5.45	ppb	#	97
41)	Trichloroethylene	6.527	95	187607	5.52	ppb		94
42)	Methyl Cyclohexane	6.681	83	288550	5.70	ppb	#	88
43)	Methyl Methacrylate	6.831	69	69230	6.60	ppb	#	69
44)	Dibromomethane	6.904	93	78800	7.48	ppb		96
45)	Bromodichloromethane	7.043	83	216296	5.38	ppb	#	95
46)	1,2-Dichloropropane	6.767	63	179613	5.16	ppb		96
47)	1,4-Dioxane	6.915	88	7491m	276.41	ppb		
49)	cis-1,3-Dichloropropene	7.467	75	260798	5.83	ppb		89
50)	4-Methyl-2-Pentanone	7.598	43	203233	4.92	ppb	#	84
52)	Toluene	7.785	91	747715	5.09	ppb		99
53)	trans-1,3-Dichloropropene	8.027	75	209781	6.20	ppb		99
54)	1,1,2-Trichloroethane	8.228	97	116452	6.36	ppb		95
55)	1,3-Dichloropropane	8.401	76	193725	6.04	ppb	#	76
56)	Tetrachloroethylene	8.340	166	235895	6.27	ppb	#	70
57)	2-Hexanone	8.448	43	77851	5.31	ppb	#	89
58)	Dibromochloromethane	8.649	129	154154	6.14	ppb		97
59)	1,2-Dibromoethane	8.775	107	112584	6.35	ppb		91
60)	Chlorobenzene	9.260	112	502195	5.76	ppb	#	92
61)	1,1,1,2-tetrachloroethane	9.346	131	183916	5.54	ppb		93
62)	Ethyl Benzene	9.346	91	843251	5.60	ppb		94
63)	p- & m-Xylenes	9.466	91	1307511	11.34	ppb		94
64)	o-Xylene	9.907	91	676695	5.77	ppb		98
65)	Styrene	9.929	104	511820	4.37	ppb	#	77
66)	Bromofrom	10.189	173	76166	5.87	ppb		98
68)	p-Ethyltoluene	10.939	105	707398	5.29	ppb	#	79
69)	Isopropylbenzene	10.295	105	851131	6.37	ppb		96
71)	1,1,2,2-Tetrachloroethane	10.682	83	123451	7.03	ppb	#	44
72)	Bromobenzene	10.679	77	288358	5.91	ppb		94
73)	trans-1,4-Dichloro-2-b...	10.735	75	133795	1.32	ppb	#	76
74)	1,2,3-Trichloropropane	10.735	110	33530	6.78	ppb	#	15
75)	n-Propylbenzene	10.749	91	985652	6.46	ppb		98
76)	2-Chlorotoluene	10.877	91	652433	6.18	ppb		98
77)	4-Chlorotoluene	10.997	91	591696	6.20	ppb		98
78)	1,3,5-Trimethylbenzene	10.939	105	707398	5.99	ppb		95
79)	tert-Butylbenzene	11.307	119	619852	6.60	ppb		95
80)	1,2,4-Trimethylbenzene	11.365	105	719902	6.01	ppb	#	76
81)	sec-Butylbenzene	11.552	105	860645	6.76	ppb		98
82)	1,3-Dichlorobenzene	11.725	146	381923	6.16	ppb		99

Data Path : C:\msdchem\1\data\042816\
Data File : V8000680.D
Acq On : 28 Apr 2016 7:30 pm
Operator :
Sample : SEQ-CAL4
Misc : V8042816A 10PPB
ALS Vial : 17 Sample Multiplier: 1

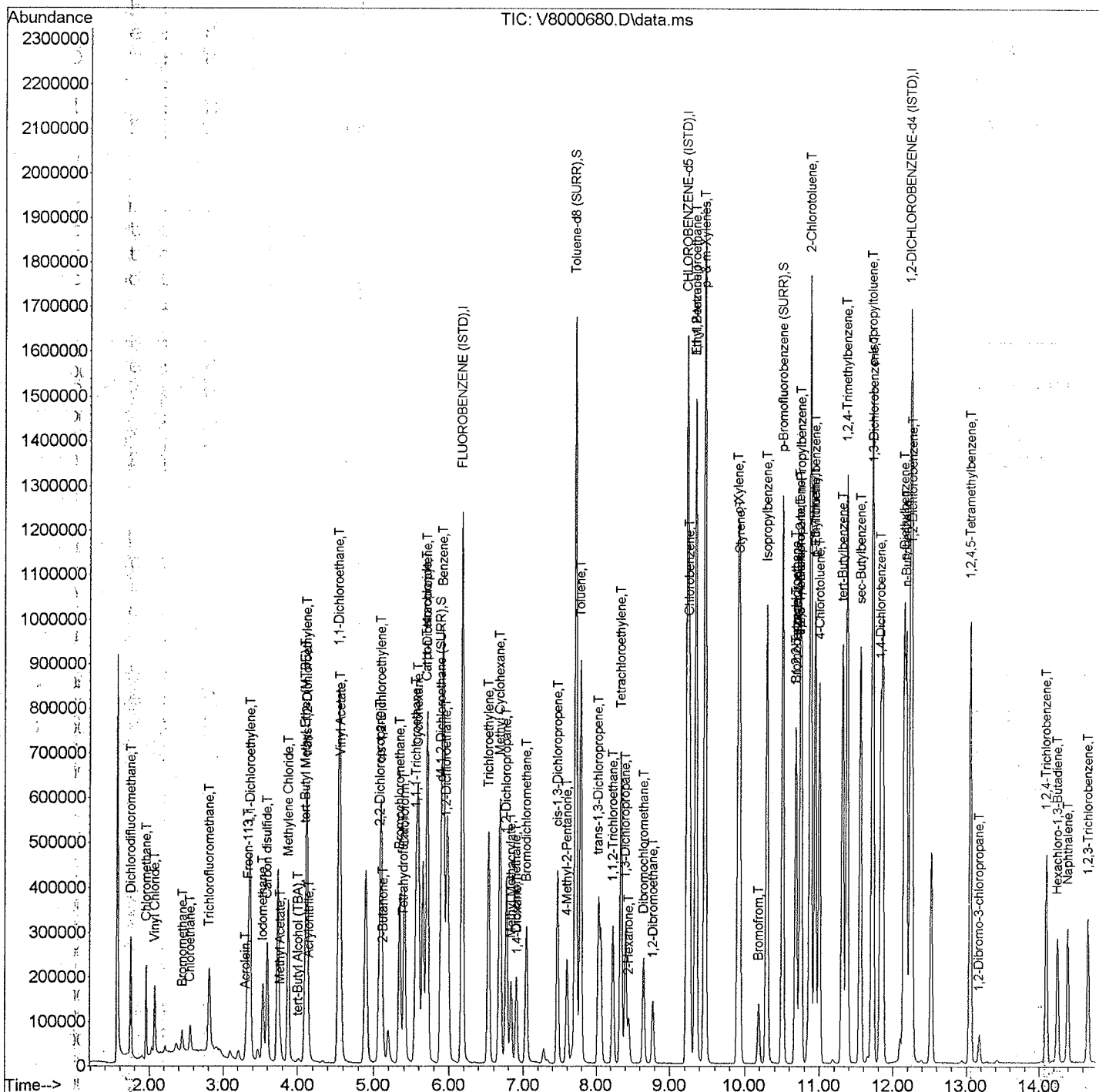
Quant Time: Apr 29 09:27:44 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) p-Isopropyltoluene	11.711	119	772442	6.39	ppb	96
84) 1,4-Dichlorobenzene	11.826	146	375410	6.10	ppb	98
86) p-Diethylbenzene	12.149	105	399987	6.32	ppb #	51
87) 1,2-Dichlorobenzene	12.258	146	338713	6.18	ppb #	86
88) n-Butylbenzene	12.180	91	752250	6.20	ppb	90
89) 1,2-Dibromo-3-chloropr...	13.170	75	18945	6.78	ppb #	83
90) 1,2,4,5-Tetramethylben...	13.047	119	682710	6.24	ppb	95
91) 1,2,4-Trichlorobenzene	14.090	180	171022	5.29	ppb	99
92) Hexachloro-1,3-Butadiene	14.246	225	65718	4.91	ppb	97
93) Naphthalene	14.388	128	299238	6.96	ppb	97
94) 1,2,3-Trichlorobenzene	14.667	180	119469	5.05	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\042816\
Data File : V8000680.D
Acq On : 28 Apr 2016 7:30 pm
Operator :
Sample : SEQ-CAL4
Misc : V8042816A 10PPB
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 29 09:27:44 2016
Quant Method : C:\msdchem\1\methods\V8L00004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\042816\
 Data File : V8000681.D
 Acq On : 28 Apr 2016 7:56 pm
 Operator :
 Sample : SEQ-CAL5
 Misc : V8042816A 20PPB
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 29 08:53:45 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	232265	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1068577	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	507448	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	284159	8.60	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	86.00%	
51) Toluene-d8 (SURR)	7.715	98	1283465	10.53	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	105.30%	
70) p-Bromofluorobenzene (...)	10.504	95	535657	10.52	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	105.20%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.745	85	365158	13.08	ppb	# 99
3) Chloromethane	1.954	50	274483	8.24	ppb	# 94
4) Vinyl Chloride	2.071	62	242289	7.38	ppb	# 98
5) Bromomethane	2.445	94	83647	7.19	ppb	# 97
6) Chloroethane	2.553	64	89521	6.85	ppb	# 98
7) Trichlorofluoromethane	2.810	101	367632	8.97	ppb	# 100
9) Freon-113	3.334	101	311286	10.81	ppb	# 98
10) 1,1-Dichloroethylene	3.362	61	512618	9.19	ppb	# 94
11) Acrolein	3.303	56	26810	9.34	ppb	# 92
12) Acetone	3.465	43	54284	Below	Cal	100
13) Iodomethane	3.538	142	524656	17.03	ppb	100
14) Methyl Acetate	3.769	43	141474	9.47	ppb	99
15) Carbon disulfide	3.596	76	738331	10.49	ppb	100
16) tert-Butyl Alcohol (TBA)	4.009	59	18844	5.37	ppb	# 97
17) Methylene Chloride	3.875	49	469079	8.11	ppb	# 87
18) Acrylonitrile	4.148	53	63801	10.22	ppb	# 95
19) trans-1,2-Dichloroethy...	4.123	61	489495	9.26	ppb	# 99
20) tert-Butyl Methyl Ethe...	4.107	73	718612	12.64	ppb	# 96
21) 1,1-Dichloroethane	4.544	63	632759	9.43	ppb	# 99
22) Vinyl Acetate	4.567	43	989049	8.01	ppb	100
25) cis-1,2-Dichloroethylene	5.102	61	577627	9.28	ppb	# 96
26) 2-Butanone	5.122	72	22176	12.79	ppb	# 76
27) 2,2-Dichloropropane	5.083	77	473880	11.00	ppb	# 75
28) Tetrahydrofuran	5.389	42	57941	42.37	ppb	# 76
29) Bromochloromethane	5.342	49	279290	8.95	ppb	# 95
30) Chloroform	5.406	83	602741	10.34	ppb	# 96
31) 1,1,1-Trichloroethane	5.559	97	557465	10.16	ppb	# 74
32) Cyclohexane	5.587	56	630432	9.33	ppb	# 84

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000681.D
 Acq On : 28 Apr 2016 7:56 pm
 Operator :
 Sample : SEQ-CAL5
 Misc : V8042816A 20PPB
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 29 08:53:45 2016

Quant Method : C:\msdchem\1\methods\V8LO0004.M

Quant Title : Volatile Organics EPA 8260C

QLast Update : Wed Mar 09 12:20:47 2016

Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33)	1,1-Dichloropropylene	5.710	75	465117	10.69	ppb	# 60
35)	Carbon Tetrachloride	5.707	117	510048	10.27	ppb	98
37)	1,2-Dichloroethane	5.964	62	372324	8.89	ppb	# 97
38)	Benzene	5.919	78	1317717	10.81	ppb	# 85
41)	Trichloroethylene	6.527	95	368640	10.83	ppb	92
42)	Methyl Cyclohexane	6.680	83	582863	11.50	ppb	# 88
43)	Methyl Methacrylate	6.831	69	136886	13.02	ppb	# 69
44)	Dibromomethane	6.904	93	156955	14.88	ppb	96
45)	Bromodichloromethane	7.040	83	430056	10.67	ppb	# 96
46)	1,2-Dichloropropane	6.767	63	355182	10.19	ppb	96
47)	1,4-Dioxane	6.912	88	12493	460.13	ppb	94
49)	cis-1,3-Dichloropropene	7.467	75	518273	11.57	ppb	89
50)	4-Methyl-2-Pentanone	7.598	43	401521	9.71	ppb	90
52)	Toluene	7.785	91	1475624	10.02	ppb	99
53)	trans-1,3-Dichloropropene	8.027	75	418126	12.34	ppb	99
54)	1,1,2-Trichloroethane	8.228	97	231885	12.63	ppb	95
55)	1,3-Dichloropropane	8.401	76	385761	12.01	ppb	# 76
56)	Tetrachloroethylene	8.340	166	400940	10.64	ppb	# 70
57)	2-Hexanone	8.448	43	148880	10.14	ppb	# 88
58)	Dibromochloromethane	8.649	129	316841	12.59	ppb	97
59)	1,2-Dibromoethane	8.775	107	227861	12.83	ppb	93
60)	Chlorobenzene	9.263	112	997988	11.43	ppb	93
61)	1,1,1,2-tetrachloroethane	9.346	131	368735	11.09	ppb	93
62)	Ethyl Benzene	9.346	91	1664838	11.03	ppb	93
63)	p- & m-Xylenes	9.466	91	2579783	22.32	ppb	93
64)	o-Xylene	9.907	91	1338953	11.41	ppb	98
65)	Styrene	9.929	104	1018815	8.68	ppb	# 77
66)	Bromofrom	10.186	173	156159	12.01	ppb	98
68)	p-Ethyltoluene	10.939	105	1412329	10.58	ppb	# 79
69)	Isopropylbenzene	10.295	105	1703422	12.76	ppb	95
71)	1,1,2,2-Tetrachloroethane	10.682	83	249315	14.21	ppb	# 44
72)	Bromobenzene	10.682	77	567044	11.63	ppb	92
73)	trans-1,4-Dichloro-2-b...	10.735	75	260570	2.57	ppb	# 75
74)	1,2,3-Trichloropropane	10.735	110	65457	13.25	ppb	# 14
75)	n-Propylbenzene	10.752	91	1946300	12.77	ppb	97
76)	2-Chlorotoluene	10.877	91	1295221	12.29	ppb	97
77)	4-Chlorotoluene	10.997	91	1183371	12.42	ppb	98
78)	1,3,5-Trimethylbenzene	10.939	105	1412329	11.98	ppb	95
79)	tert-Butylbenzene	11.310	119	1248589	13.31	ppb	94
80)	1,2,4-Trimethylbenzene	11.368	105	1423924	11.90	ppb	# 76
81)	sec-Butylbenzene	11.552	105	1733551	13.63	ppb	97
82)	1,3-Dichlorobenzene	11.725	146	773470	12.49	ppb	99

Data Path : C:\msdchem\1\data\042816\
Data File : V8000681.D
Acq On : 28 Apr 2016 7:56 pm
Operator :
Sample : SEQ-CAL5
Misc : V8042816A 20PPB
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 29 08:53:45 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	p-Isopropyltoluene	11.711	119	1575854	13.05	ppb	96
84)	1,4-Dichlorobenzene	11.826	146	765085	12.45	ppb	98
86)	p-Diethylbenzene	12.149	105	824203	13.04	ppb #	52
87)	1,2-Dichlorobenzene	12.261	146	673134	12.29	ppb #	86
88)	n-Butylbenzene	12.180	91	1538393	12.69	ppb	90
89)	1,2-Dibromo-3-chloropr...	13.172	75	37816	13.56	ppb #	83
90)	1,2,4,5-Tetramethylben...	13.047	119	1425336	13.04	ppb	95
91)	1,2,4-Trichlorobenzene	14.093	180	366071	11.34	ppb	99
92)	Hexachloro-1,3-Butadiene	14.249	225	148050	11.07	ppb	97
93)	Naphthalene	14.388	128	618909	14.41	ppb	98
94)	1,2,3-Trichlorobenzene	14.667	180	257030	10.87	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000682.D
 Acq On : 28 Apr 2016 8:21 pm
 Operator :
 Sample : SEQ-CAL6
 Misc : V8042816A 40PPB
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 29 08:59:21 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	229610	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1062606	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.235	152	507556	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	281849	8.62	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	86.20%		
51) Toluene-d8 (SURR)	7.715	98	1273172	10.50	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.00%		
70) p-Bromofluorobenzene (...)	10.504	95	528468	10.37	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.70%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.745	85	663487	24.03	ppb	99
3) Chloromethane	1.954	50	651160	19.78	ppb	94
4) Vinyl Chloride	2.071	62	454123	14.00	ppb	98
5) Bromomethane	2.442	94	203052	17.65	ppb	98
6) Chloroethane	2.553	64	181232	14.03	ppb	99
7) Trichlorofluoromethane	2.810	101	643613	15.89	ppb	100
9) Freon-113	3.334	101	582930	20.47	ppb	97
10) 1,1-Dichloroethylene	3.359	61	978824	17.76	ppb	# 94
11) Acrolein	3.303	56	59081	20.82	ppb	94
12) Acetone	3.465	43	109689	1.88	ppb	100
13) Iodomethane	3.538	142	969749	31.85	ppb	100
14) Methyl Acetate	3.769	43	289029	19.58	ppb	99
15) Carbon disulfide	3.593	76	1450528	20.84	ppb	100
16) tert-Butyl Alcohol (TBA)	4.009	59	43403	12.51	ppb	# 97
17) Methylene Chloride	3.875	49	920851	15.72	ppb	87
18) Acrylonitrile	4.146	53	133560	21.64	ppb	# 62
19) trans-1,2-Dichloroethy...	4.123	61	953448	18.24	ppb	99
20) tert-Butyl Methyl Ethe...	4.107	73	1442393	25.67	ppb	97
21) 1,1-Dichloroethane	4.544	63	1222165	18.43	ppb	99
22) Vinyl Acetate	4.567	43	1986795	16.27	ppb	100
25) cis-1,2-Dichloroethylene	5.102	61	1129165	18.35	ppb	96
26) 2-Butanone	5.122	72	44265	25.83	ppb	# 1
27) 2,2-Dichloropropane	5.085	77	917701	21.54	ppb	# 75
28) Tetrahydrofuran	5.384	42	122234	90.42	ppb	75
29) Bromochloromethane	5.342	49	523498	16.97	ppb	95
30) Chloroform	5.406	83	1202158	20.86	ppb	# 67
31) 1,1,1-Trichloroethane	5.557	97	1091628	20.13	ppb	# 74
32) Cyclohexane	5.587	56	1139900	17.07	ppb	85

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000682.D
 Acq On : 28 Apr 2016 8:21 pm
 Operator :
 Sample : SEQ-CAL6
 Misc : V8042816A 40PPB
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 29 08:59:21 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
33)	1,1-Dichloropropylene	5.710	75	884440	20.57	ppb	#	57
35)	Carbon Tetrachloride	5.707	117	993979	20.25	ppb		98
37)	1,2-Dichloroethane	5.964	62	738845	17.85	ppb		99
38)	Benzene	5.919	78	2560994	21.26	ppb	#	91
41)	Trichloroethylene	6.530	95	732493	21.65	ppb		92
42)	Methyl Cyclohexane	6.680	83	1081097	21.45	ppb	#	89
43)	Methyl Methacrylate	6.831	69	283847	27.15	ppb	#	69
44)	Dibromomethane	6.904	93	320630	30.56	ppb		95
45)	Bromodichloromethane	7.043	83	872281	21.77	ppb	#	96
46)	1,2-Dichloropropane	6.767	63	704889	20.33	ppb		96
47)	1,4-Dioxane	6.906	88	40652	1505.66	ppb		96
49)	cis-1,3-Dichloropropene	7.467	75	1045619	23.47	ppb		89
50)	4-Methyl-2-Pentanone	7.598	43	827935	20.13	ppb		91
52)	Toluene	7.785	91	2893690	19.75	ppb		99
53)	trans-1,3-Dichloropropene	8.030	75	854913	25.37	ppb		99
54)	1,1,2-Trichloroethane	8.228	97	471363	25.83	ppb		95
55)	1,3-Dichloropropane	8.404	76	773848	24.22	ppb	#	76
56)	Tetrachloroethylene	8.340	166	794416	21.20	ppb		97
57)	2-Hexanone	8.446	43	305027	20.88	ppb	#	89
58)	Dibromochloromethane	8.649	129	655506	26.20	ppb		97
59)	1,2-Dibromoethane	8.775	107	467162	26.46	ppb		93
60)	Chlorobenzene	9.263	112	1980274	22.80	ppb		92
61)	1,1,1,2-tetrachloroethane	9.349	131	746901	22.59	ppb		93
62)	Ethyl Benzene	9.346	91	3180765	21.20	ppb		93
63)	p- & m-Xylenes	9.469	91	4866224	42.35	ppb		92
64)	o-Xylene	9.907	91	2586280	22.15	ppb		98
65)	Styrene	9.929	104	2012337	17.24	ppb	#	77
66)	Bromofrom	10.186	173	330837	25.58	ppb	#	78
68)	p-Ethyltoluene	10.939	105	2736874	20.49	ppb		97
69)	Isopropylbenzene	10.294	105	3267487	24.47	ppb		95
71)	1,1,2,2-Tetrachloroethane	10.682	83	493170	28.11	ppb	#	64
72)	Bromobenzene	10.679	77	1116276	22.89	ppb		90
73)	trans-1,4-Dichloro-2-b...	10.735	75	527724	5.20	ppb	#	78
74)	1,2,3-Trichloropropane	10.738	110	135657	27.45	ppb	#	19
75)	n-Propylbenzene	10.749	91	3710691	24.34	ppb		97
76)	2-Chlorotoluene	10.877	91	2481170	23.54	ppb		97
77)	4-Chlorotoluene	10.997	91	2303608	24.18	ppb		98
78)	1,3,5-Trimethylbenzene	10.939	105	2736874	23.22	ppb		94
79)	tert-Butylbenzene	11.307	119	2415684	25.75	ppb		93
80)	1,2,4-Trimethylbenzene	11.368	105	2767069	23.12	ppb	#	75
81)	sec-Butylbenzene	11.552	105	3330135	26.18	ppb		97
82)	1,3-Dichlorobenzene	11.725	146	1538782	24.84	ppb		99

Data Path: C:\msdchem\1\data\042816\
 Data File: V8000682.D
 Acq On: 28 Apr 2016 8:21 pm
 Operator:
 Sample: SEQ-CAL6
 Misc: V8042816A 40PPB
 ALS Vial: 19 Sample Multiplier: 1

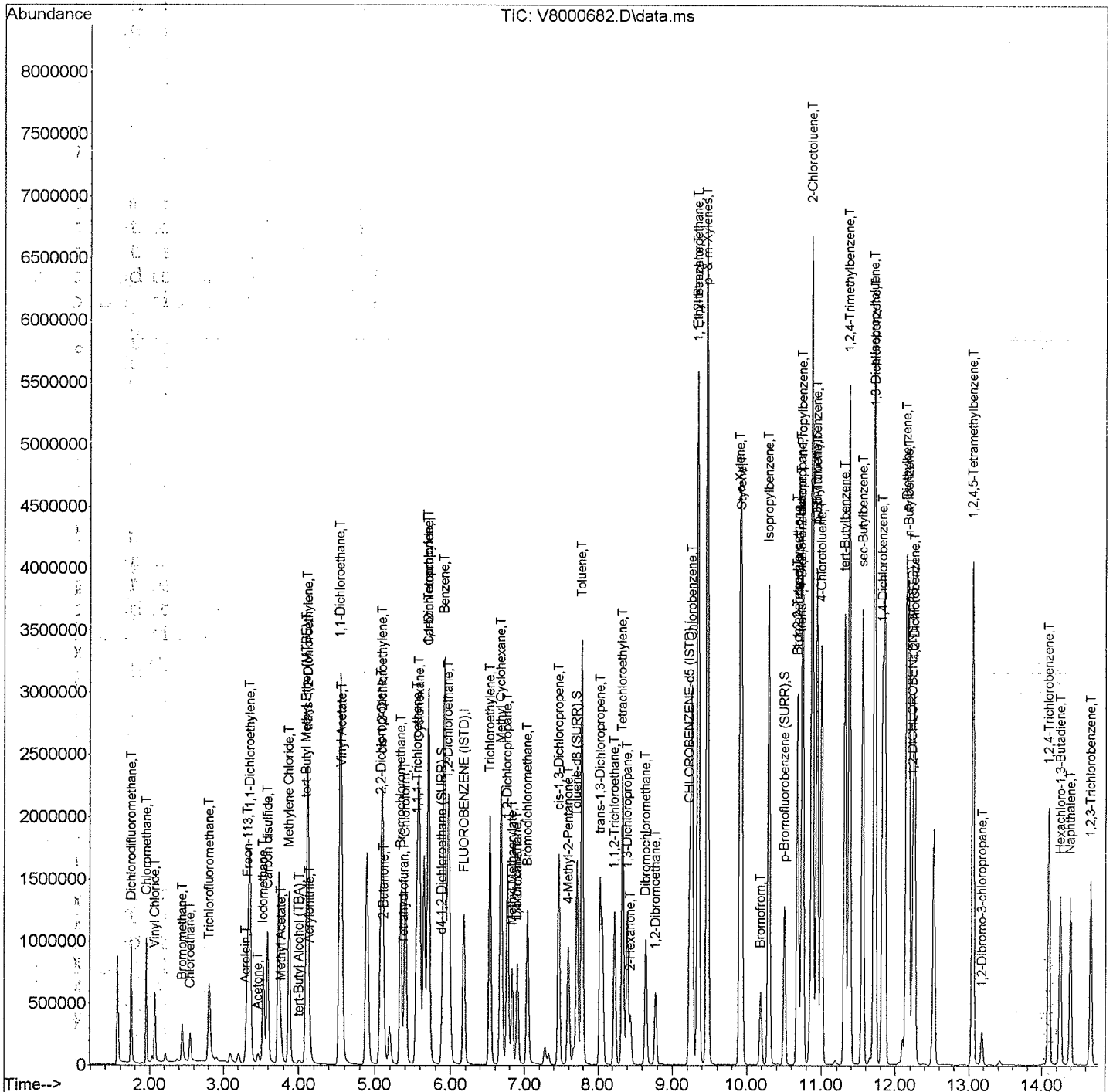
Quant Time: Apr 29 08:59:21 2016
 Quant Method: C:\msdchem\1\methods\V8LO0004.M
 Quant Title: Volatile Organics EPA 8260C
 QLast Update: Wed Mar 09 12:20:47 2016
 Response via: Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	p-Isopropyltoluene	11.708	119	3053559	25.28	ppb	96
84)	1,4-Dichlorobenzene	11.825	146	1540165	25.06	ppb	98
86)	p-Diethylbenzene	12.149	105	1612753	25.51	ppb	# 53
87)	1,2-Dichlorobenzene	12.260	146	1370077	25.01	ppb	# 86
88)	n-Butylbenzene	12.180	91	2978160	24.56	ppb	90
89)	1,2-Dibromo-3-chloropr...	13.172	75	80609	28.90	ppb	# 45
90)	1,2,4,5-Tetramethylben...	13.047	119	2842773	25.99	ppb	95
91)	1,2,4-Trichlorobenzene	14.090	180	775136	24.01	ppb	99
92)	Hexachloro-1,3-Butadiene	14.249	225	315872	23.62	ppb	97
93)	Naphthalene	14.388	128	1327885	30.92	ppb	97
94)	1,2,3-Trichlorobenzene	14.667	180	557927	23.60	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\042816\
Data File : V8000682.D
Acq On : 28 Apr 2016 8:21 pm
Operator :
Sample : SEQ-CAL6
Misc : V8042816A 40PPB
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 29 08:59:21 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\042816\
 Data File : V8000683.D
 Acq On : 28 Apr 2016 8:46 pm
 Operator :
 Sample : SEQ-CAL7
 Misc : V8042816A 80PPB
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 29 09:01:42 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	233134	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1062597	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	499195	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	274191	8.26	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	82.60%	
51) Toluene-d8 (SURR)	7.718	98	1296579	10.69	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	106.90%	
70) p-Bromofluorobenzene (...)	10.504	95	525609	10.49	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	104.90%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.745	85	1314177	46.89	ppb	99
3) Chloromethane	1.954	50	1574398	47.10	ppb	95
4) Vinyl Chloride	2.071	62	930247	28.24	ppb	98
5) Bromomethane	2.445	94	455914	39.04	ppb	98
6) Chloroethane	2.556	64	382238	29.15	ppb	98
7) Trichlorofluoromethane	2.813	101	1300466	31.63	ppb	99
9) Freon-113	3.337	101	1208195	41.79	ppb	# 67
10) 1,1-Dichloroethylene	3.362	61	1916552	34.24	ppb	# 92
11) Acrolein	3.301	56	116611	40.48	ppb	94
12) Acetone	3.465	43	206224	17.42	ppb	100
13) Iodomethane	3.541	142	1576579	50.99	ppb	100
14) Methyl Acetate	3.769	43	523448	34.92	ppb	99
15) Carbon disulfide	3.596	76	2878097	40.73	ppb	100
16) tert-Butyl Alcohol (TBA)	4.006	59	78100	22.16	ppb	# 97
17) Methylene Chloride	3.878	49	1748529	29.08	ppb	88
18) Acrylonitrile	4.146	53	248930	39.72	ppb	# 92
19) trans-1,2-Dichloroethy...	4.126	61	1816100	34.22	ppb	# 71
20) tert-Butyl Methyl Ethe...	4.107	73	2685877	47.07	ppb	97
21) 1,1-Dichloroethane	4.544	63	2299374	34.14	ppb	99
22) Vinyl Acetate	4.570	43	3738059	30.14	ppb	100
25) cis-1,2-Dichloroethylene	5.102	61	2133336	34.15	ppb	97
26) 2-Butanone	5.122	72	79168	45.51	ppb	# 1
27) 2,2-Dichloropropane	5.083	77	1769954	40.92	ppb	# 75
28) Tetrahydrofuran	5.384	42	230410	167.87	ppb	74
29) Bromochloromethane	5.342	49	919763	29.37	ppb	96
30) Chloroform	5.406	83	2338438	39.97	ppb	# 96
31) 1,1,1-Trichloroethane	5.559	97	2193819	39.85	ppb	# 86
32) Cyclohexane	5.590	56	2315007	34.14	ppb	86

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000683.D
 Acq On : 28 Apr 2016 8:46 pm
 Operator :
 Sample : SEQ-CAL7
 Misc : V8042816A 80PPB
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 29 09:01:42 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33)	1,1-Dichloropropylene	5.710	75	1733009	39.69	ppb	# 54
35)	Carbon Tetrachloride	5.710	117	2027529	40.68	ppb	# 91
37)	1,2-Dichloroethane	5.964	62	1379430	32.82	ppb	# 86
38)	Benzene	5.922	78	4894834	40.02	ppb	# 91
41)	Trichloroethylene	6.527	95	1457095	43.07	ppb	91
42)	Methyl Cyclohexane	6.681	83	2248680	44.62	ppb	90
43)	Methyl Methacrylate	6.831	69	534871	51.17	ppb	# 69
44)	Dibromomethane	6.906	93	618721	58.97	ppb	# 65
45)	Bromodichloromethane	7.043	83	1708032	42.63	ppb	# 96
46)	1,2-Dichloropropane	6.767	63	1352963	39.02	ppb	96
47)	1,4-Dioxane	6.904	88	65289	2418.18	ppb	97
49)	cis-1,3-Dichloropropene	7.467	75	1995008	44.79	ppb	89
50)	4-Methyl-2-Pentanone	7.598	43	1540281	37.45	ppb	91
52)	Toluene	7.785	91	5638516	38.49	ppb	99
53)	trans-1,3-Dichloropropene	8.030	75	1620124	48.07	ppb	98
54)	1,1,2-Trichloroethane	8.231	97	904212	49.54	ppb	94
55)	1,3-Dichloropropane	8.404	76	1459887	45.70	ppb	# 76
56)	Tetrachloroethylene	8.343	166	1754795	46.82	ppb	# 81
57)	2-Hexanone	8.446	43	581231	39.79	ppb	# 88
58)	Dibromochloromethane	8.649	129	1288907	51.52	ppb	97
59)	1,2-Dibromoethane	8.778	107	897655	50.84	ppb	93
60)	Chlorobenzene	9.263	112	3858311	44.42	ppb	92
61)	1,1,1,2-tetrachloroethane	9.349	131	1430436	43.27	ppb	94
62)	Ethyl Benzene	9.346	91	6029807	40.18	ppb	91
63)	p- & m-Xylenes	9.469	91	9025242	78.54	ppb	92
64)	o-Xylene	9.907	91	4935314	42.28	ppb	97
65)	Styrene	9.932	104	3814070	32.67	ppb	# 77
66)	Bromofrom	10.186	173	642463	49.67	ppb	98
68)	p-Ethyltoluene	10.942	105	5403449	41.14	ppb	97
69)	Isopropylbenzene	10.295	105	6451879	49.12	ppb	94
71)	1,1,2,2-Tetrachloroethane	10.685	83	903161	52.34	ppb	# 77
72)	Bromobenzene	10.682	77	2078317	43.34	ppb	86
73)	trans-1,4-Dichloro-2-b...	10.738	75	957592	9.59	ppb	# 77
74)	1,2,3-Trichloropropane	10.735	110	250670	51.58	ppb	# 19
75)	n-Propylbenzene	10.752	91	7170842	47.83	ppb	96
76)	2-Chlorotoluene	10.880	91	4657784	44.92	ppb	97
77)	4-Chlorotoluene	11.000	91	4500206	48.02	ppb	97
78)	1,3,5-Trimethylbenzene	10.942	105	5403449	46.61	ppb	94
79)	tert-Butylbenzene	11.310	119	4909843	53.21	ppb	92
80)	1,2,4-Trimethylbenzene	11.368	105	5338553	45.36	ppb	# 75
81)	sec-Butylbenzene	11.555	105	6641309	53.08	ppb	97
82)	1,3-Dichlorobenzene	11.728	146	2937525	48.21	ppb	98

Data Path : C:\msdchem\1\data\042816\
Data File : V8000683.D
Acq On : 28 Apr 2016 8:46 pm
Operator :
Sample : SEQ-CAL7
Misc : V8042816A 80PPB
ALS Vial : 20 Sample Multiplier: 1

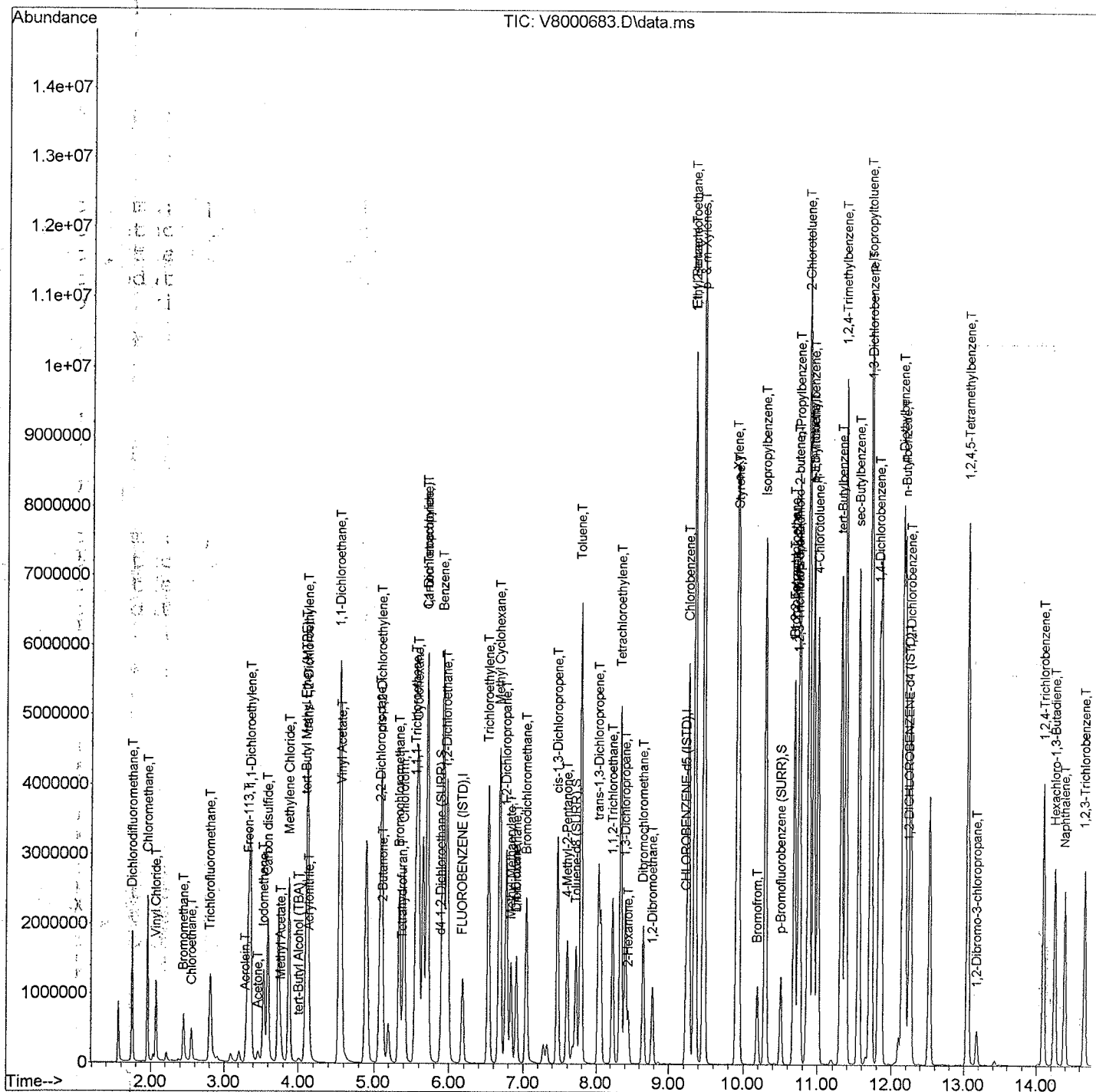
Quant Time: Apr 29 09:01:42 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) p-Isopropyltoluene	11.714	119	5969294	50.24	ppb	95
84) 1,4-Dichlorobenzene	11.828	146	3041522	50.31	ppb	98
86) p-Diethylbenzene	12.152	105	3216663	51.73	ppb #	55
87) 1,2-Dichlorobenzene	12.261	146	2665181	49.47	ppb #	86
88) n-Butylbenzene	12.183	91	5863599	49.17	ppb	90
89) 1,2-Dibromo-3-chloropr...	13.175	75	149874	54.62	ppb #	81
90) 1,2,4,5-Tetramethylben...	13.050	119	5613612	52.19	ppb	95
91) 1,2,4-Trichlorobenzene	14.093	180	1525248	48.04	ppb	99
92) Hexachloro-1,3-Butadiene	14.249	225	672924	51.17	ppb	97
93) Naphthalene	14.388	128	2485464	58.83	ppb	97
94) 1,2,3-Trichlorobenzene	14.667	180	1066792	45.88	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\042816\
Data File : V8000683.D
Acq On : 28 Apr 2016 8:46 pm
Operator :
Sample : SEQ-CAL7
Misc : V8042816A 80PPB
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 29 09:01:42 2016
Quant Method : C:\msdchem\1\methods\V8L00004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\042816\
 Data File : V8000684.D
 Acq On : 28 Apr 2016 9:12 pm
 Operator :
 Sample : SEQ-CAL8
 Misc : V8042816A 120PPB
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 29 09:03:19 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	233072	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1046990	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	492729	10.00	ppb	0.00

System Monitoring Compounds

34) d4-1,2-Dichloroethane ...	5.891	65	274074	8.26	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	82.60%
51) Toluene-d8 (SURR)	7.718	98	1296837	10.86	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	108.60%
70) p-Bromofluorobenzene (...)	10.504	95	518558	10.49	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	104.90%

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.745	85	1969579	70.29	ppb	99
3) Chloromethane	1.954	50	2508097	75.05	ppb	95
4) Vinyl Chloride	2.071	62	1458509	44.29	ppb	98
5) Bromomethane	2.445	94	793732	67.98	ppb	98
6) Chloroethane	2.553	64	598376	45.64	ppb	98
7) Trichlorofluoromethane	2.813	101	1931876	47.00	ppb	99
9) Freon-113	3.334	101	1829891	63.31	ppb	97
10) 1,1-Dichloroethylene	3.362	61	2861541	51.14	ppb	# 92
11) Acrolein	3.303	56	182220	63.27	ppb	# 93
12) Acetone	3.465	43	300437	33.83	ppb	100
13) Iodomethane	3.538	142	2432065	78.69	ppb	100
14) Methyl Acetate	3.769	43	796709	53.17	ppb	99
15) Carbon disulfide	3.596	76	3978490	56.31	ppb	100
16) tert-Butyl Alcohol (TBA)	4.009	59	116844	33.16	ppb	# 97
17) Methylene Chloride	3.878	49	2650612	43.96	ppb	89
18) Acrylonitrile	4.148	53	344589	55.00	ppb	# 93
19) trans-1,2-Dichloroethy...	4.123	61	2686327	50.63	ppb	100
20) tert-Butyl Methyl Ethe...	4.104	73	4018894	70.45	ppb	# 92
21) 1,1-Dichloroethane	4.544	63	3158255	46.91	ppb	# 96
22) Vinyl Acetate	4.569	43	5564439	44.88	ppb	100
25) cis-1,2-Dichloroethylene	5.102	61	3199141	51.23	ppb	97
26) 2-Butanone	5.122	72	120042	69.02	ppb	# 74
27) 2,2-Dichloropropane	5.083	77	2655348	61.41	ppb	# 83
28) Tetrahydrofuran	5.381	42	352901	257.19	ppb	75
29) Bromochloromethane	5.342	49	1351915	43.18	ppb	96
30) Chloroform	5.406	83	3570118	61.04	ppb	# 96
31) 1,1,1-Trichloroethane	5.559	97	3351188	60.89	ppb	# 86
32) Cyclohexane	5.590	56	3417626	50.42	ppb	87

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000684.D
 Acq On : 28 Apr 2016 9:12 pm
 Operator :
 Sample : SEQ-CAL8
 Misc : V8042816A 120PPB
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 29 09:03:19 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
33) 1,1-Dichloropropylene	5.710	75	2559113	58.63	ppb	#	51
35) Carbon Tetrachloride	5.707	117	3079613	61.81	ppb		98
37) 1,2-Dichloroethane	5.964	62	2074996	49.39	ppb		99
38) Benzene	5.919	78	7232934	59.15	ppb	#	91
41) Trichloroethylene	6.530	95	2239248	67.17	ppb		90
42) Methyl Cyclohexane	6.680	83	3390726	68.29	ppb		91
43) Methyl Methacrylate	6.831	69	826505	80.24	ppb	#	51
44) Dibromomethane	6.904	93	957226	92.59	ppb		94
45) Bromodichloromethane	7.043	83	2620952	66.39	ppb		96
46) 1,2-Dichloropropane	6.770	63	2041375	59.76	ppb		97
47) 1,4-Dioxane	6.904	88	84308	3169.16	ppb		96
49) cis-1,3-Dichloropropene	7.470	75	3019279	68.79	ppb		89
50) 4-Methyl-2-Pentanone	7.601	43	2325141	57.38	ppb		92
52) Toluene	7.785	91	8303476	57.53	ppb		99
53) trans-1,3-Dichloropropene	8.030	75	2475790	74.56	ppb		98
54) 1,1,2-Trichloroethane	8.231	97	1384356	76.98	ppb		94
55) 1,3-Dichloropropane	8.404	76	2193052	69.67	ppb	#	76
56) Tetrachloroethylene	8.340	166	2433812	65.91	ppb	#	70
57) 2-Hexanone	8.446	43	874299	60.75	ppb	#	88
58) Dibromochloromethane	8.649	129	2007506	81.44	ppb		97
59) 1,2-Dibromoethane	8.778	107	1377233	79.17	ppb		93
60) Chlorobenzene	9.266	112	5742711	67.11	ppb		92
61) 1,1,1,2-tetrachloroethane	9.349	131	2059538	63.23	ppb		94
62) Ethyl Benzene	9.349	91	8472670	57.30	ppb		91
63) p- & m-Xylenes	9.472	91	12480841	110.23	ppb		92
64) o-Xylene	9.907	91	7102088	61.74	ppb		97
65) Styrene	9.932	104	5481644	47.66	ppb	#	77
66) Bromofrom	10.189	173	1004224	78.80	ppb		98
68) p-Ethyltoluene	10.944	105	7810108	60.24	ppb	#	79
69) Isopropylbenzene	10.295	105	9423906	72.69	ppb		94
71) 1,1,2,2-Tetrachloroethane	10.685	83	1331605	78.18	ppb	#	77
72) Bromobenzene	10.682	77	3077514	65.02	ppb		85
73) trans-1,4-Dichloro-2-b...	10.738	75	1386584	14.07	ppb	#	78
74) 1,2,3-Trichloropropane	10.738	110	370392	77.21	ppb	#	21
75) n-Propylbenzene	10.755	91	10191914	68.88	ppb		95
76) 2-Chlorotoluene	10.880	91	6513030	63.64	ppb		97
77) 4-Chlorotoluene	11.003	91	6554240	70.86	ppb		97
78) 1,3,5-Trimethylbenzene	10.944	105	7810108	68.25	ppb		93
79) tert-Butylbenzene	11.310	119	7243712	79.53	ppb		92
80) 1,2,4-Trimethylbenzene	11.371	105	7489692	64.47	ppb	#	75
81) sec-Butylbenzene	11.555	105	9681637	78.40	ppb		96
82) 1,3-Dichlorobenzene	11.731	146	4192873	69.72	ppb		98

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000684.D
 Acq On : 28 Apr 2016 9:12 pm
 Operator :
 Sample : SEQ-CAL8
 Misc : V8042816A 120PPB
 ALS Vial : 21 Sample Multiplier: 1

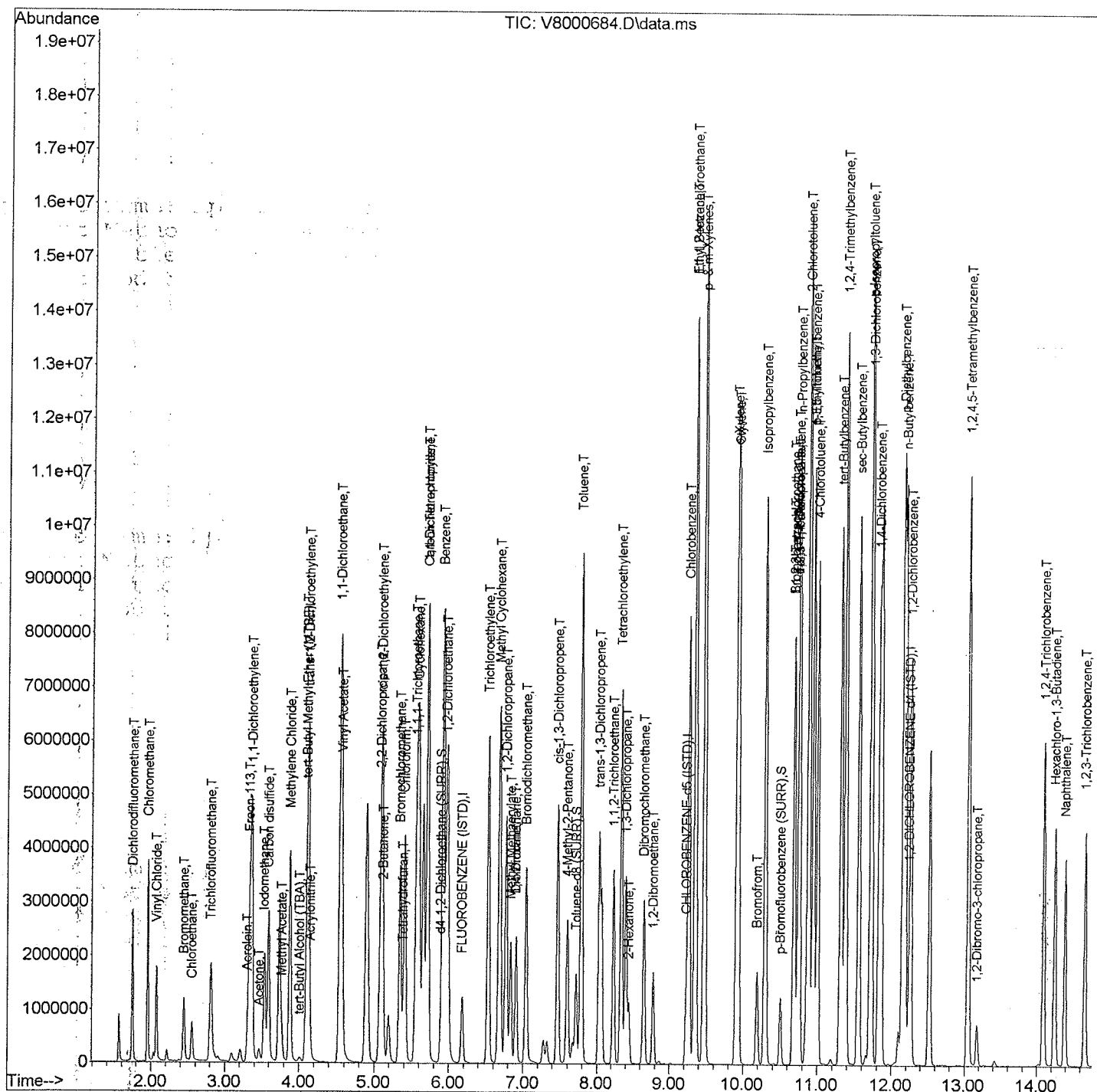
Quant Time: Apr 29 09:03:19 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	p-Isopropyltoluene	11.711	119	8410357	71.72	ppb	96
84)	1,4-Dichlorobenzene	11.828	146	4517335	75.70	ppb	98
86)	p-Diethylbenzene	12.152	105	4731956	77.10	ppb	# 55
87)	1,2-Dichlorobenzene	12.261	146	4042017	76.01	ppb	# 86
88)	n-Butylbenzene	12.185	91	8555819	72.68	ppb	89
89)	1,2-Dibromo-3-chloropr...	13.172	75	231791	85.59	ppb	# 80
90)	1,2,4,5-Tetramethylben...	13.050	119	8320957	78.38	ppb	95
91)	1,2,4-Trichlorobenzene	14.093	180	2359157	75.28	ppb	99
92)	Hexachloro-1,3-Butadiene	14.246	225	1063790	81.95	ppb	97
93)	Naphthalene	14.388	128	3886111	93.20	ppb	97
94)	1,2,3-Trichlorobenzene	14.667	180	1677353	73.08	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\042816\
Data File : V8000684.D
Acq On : 28 Apr 2016 9:12 pm
Operator :
Sample : SEQ-CAL8
Misc : V8042816A 120PPB
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 29 09:03:19 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\042816\
 Data File : V8000685.D
 Acq On : 28 Apr 2016 9:37 pm
 Operator :
 Sample : SEQ-CAL9
 Misc : V8042816A 160PPB
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 29 09:05:21 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	237318	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.235	117	1054052	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.241	152	491288	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	268826	7.96	ppb	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	79.60%	
51) Toluene-d8 (SURR)	7.718	98	1313498	10.92	ppb	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	109.20%	
70) p-Bromofluorobenzene (...)	10.504	95	525986	10.67	ppb	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	106.70%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	2619485	91.81	ppb	99
3) Chloromethane	1.954	50	3457664	101.61	ppb	95
4) Vinyl Chloride	2.071	62	1928503	57.51	ppb	98
5) Bromomethane	2.442	94	981569	82.56	ppb	98
6) Chloroethane	2.553	64	789570	59.14	ppb	98
7) Trichlorofluoromethane	2.810	101	2487396	59.43	ppb	99
9) Freon 113	3.334	101	2438587	82.85	ppb	97
10) 1,1-Dichloroethylene	3.362	61	3756632	65.94	ppb	# 91
11) Acrolein	3.301	56	244951	83.53	ppb	92
12) Acetone	3.462	43	409270	52.78	ppb	100
13) Iodomethane	3.540	142	3155013	100.25	ppb	100
14) Methyl Acetate	3.769	43	1058067	69.35	ppb	99
15) Carbon disulfide	3.596	76	4865565	67.64	ppb	100
16) tert-Butyl Alcohol (TBA)	4.009	59	161524	45.03	ppb	# 97
17) Methylene Chloride	3.878	49	3488904	56.80	ppb	89
18) Acrylonitrile	4.148	53	497233	77.95	ppb	# 60
19) trans-1,2-Dichloroethy...	4.123	61	3517791	65.11	ppb	99
20) tert-Butyl Methyl Ethe...	4.104	73	5290852	91.09	ppb	97
21) 1,1-Dichloroethane	4.544	63	3878617	56.58	ppb	99
22) Vinyl Acetate	4.572	43	7068103	55.99	ppb	100
25) cis-1,2-Dichloroethylene	5.102	61	4171394	65.60	ppb	97
26) 2-Butanone	5.122	72	156040	88.11	ppb	78
27) 2,2-Dichloropropane	5.082	77	3527742	80.12	ppb	# 83
28) Tetrahydrofuran	5.381	42	453590	324.65	ppb	77
29) Bromochloromethane	5.345	49	1736869	54.49	ppb	96
30) Chloroform	5.406	83	4757379	79.88	ppb	# 96
31) 1,1,1-Trichloroethane	5.559	97	4494276	80.20	ppb	# 86
32) Cyclohexane	5.590	56	4379927	63.45	ppb	89

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000685.D
 Acq On : 28 Apr 2016 9:37 pm
 Operator :
 Sample : SEQ-CAL9
 Misc : V8042816A 160PPB
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 29 09:05:21 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,1-Dichloropropylene	5.713	75	3312119	74.53	ppb	# 50
35) Carbon Tetrachloride	5.710	117	4065816	80.14	ppb	# 90
37) 1,2-Dichloroethane	5.964	62	2719265	63.56	ppb	99
38) Benzene	5.922	78	9429443	75.73	ppb	# 92
41) Trichloroethylene	6.527	95	2987343	89.01	ppb	89
42) Methyl Cyclohexane	6.683	83	4486882	89.76	ppb	92
43) Methyl Methacrylate	6.831	69	1103083	106.38	ppb	# 69
44) Dibromomethane	6.906	93	1275287	122.53	ppb	93
45) Bromodichloromethane	7.043	83	3536825	88.98	ppb	96
46) 1,2-Dichloropropane	6.770	63	2709936	78.80	ppb	# 80
47) 1,4-Dioxane	6.906	88	135766	5069.28	ppb	96
49) cis-1,3-Dichloropropene	7.470	75	4009701	90.75	ppb	89
50) 4-Methyl-2-Pentanone	7.601	43	3065958	75.15	ppb	92
52) Toluene	7.787	91	10824390	74.49	ppb	99
53) trans-1,3-Dichloropropene	8.030	75	3288105	98.36	ppb	98
54) 1,1,2-Trichloroethane	8.231	97	1855549	102.49	ppb	94
55) 1,3-Dichloropropane	8.404	76	2915264	91.99	ppb	# 76
56) Tetrachloroethylene	8.342	166	3271851	88.01	ppb	# 70
57) 2-Hexanone	8.446	43	1164808	80.39	ppb	# 88
58) Dibromochloromethane	8.649	129	2731224	110.05	ppb	97
59) 1,2-Dibromoethane	8.780	107	1866866	106.59	ppb	93
60) Chlorobenzene	9.265	112	7617244	88.41	ppb	91
61) 1,1,1,2-tetrachloroethane	9.352	131	2609801	79.58	ppb	94
62) Ethyl Benzene	9.349	91	10598846	71.20	ppb	91
63) p- & m-Xylenes	9.472	91	15454324	135.58	ppb	92
64) o-Xylene	9.910	91	9145071	78.97	ppb	98
65) Styrene	9.935	104	6977481	60.25	ppb	# 77
66) Bromofrom	10.188	173	1381025	107.64	ppb	# 78
68) p-Ethyltoluene	10.947	105	10140733	78.45	ppb	# 79
69) Isopropylbenzene	10.297	105	12256359	94.82	ppb	94
71) 1,1,2,2-Tetrachloroethane	10.688	83	1708699	100.62	ppb	# 34
72) Bromobenzene	10.682	77	3996882	84.69	ppb	82
73) trans-1,4-Dichloro-2-b...	10.738	75	1777679	18.10	ppb	# 80
74) 1,2,3-Trichloropropane	10.738	110	482383	100.85	ppb	# 22
75) n-Propylbenzene	10.757	91	13108376	88.85	ppb	95
76) 2-Chlorotoluene	10.886	91	8149810	79.87	ppb	97
77) 4-Chlorotoluene	11.006	91	8680146	94.12	ppb	97
78) 1,3,5-Trimethylbenzene	10.947	105	10140733	88.87	ppb	93
79) tert-Butylbenzene	11.312	119	9591255	105.61	ppb	92
80) 1,2,4-Trimethylbenzene	11.374	105	9478439	81.83	ppb	# 75
81) sec-Butylbenzene	11.558	105	12733733	103.42	ppb	96
82) 1,3-Dichlorobenzene	11.733	146	5287665	88.18	ppb	98

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000685.D
 Acq On : 28 Apr 2016 9:37 pm
 Operator :
 Sample : SEQ-CAL9
 Misc : V8042816A 160PPB
 ALS Vial : 22 Sample Multiplier: 1

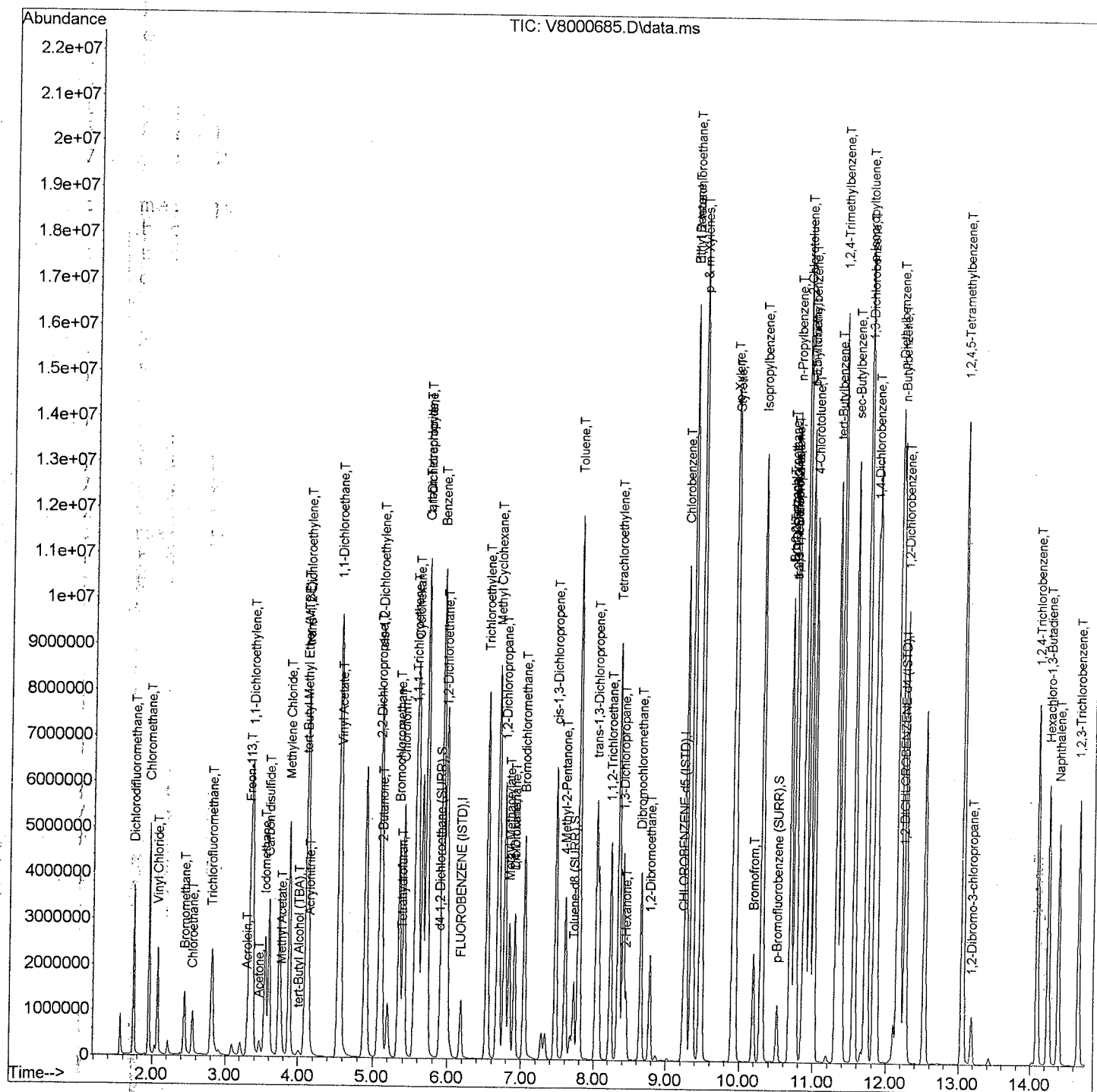
Quant Time: Apr 29 09:05:21 2016
 Quant Method : C:\msdchem\1\methods\V8LO0004.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Wed Mar 09 12:20:47 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83)	p-Isopropyltoluene	11.714	119	10550227	90.23	ppb	96
84)	1,4-Dichlorobenzene	11.831	146	5962007	100.21	ppb	97
86)	p-Diethylbenzene	12.154	105	6137418	100.29	ppb	# 55
87)	1,2-Dichlorobenzene	12.263	146	5420251	102.22	ppb	# 86
88)	n-Butylbenzene	12.188	91	11049474	94.14	ppb	89
89)	1,2-Dibromo-3-chloropr...	13.178	75	312733	115.82	ppb	# 45
90)	1,2,4,5-Tetramethylben...	13.052	119	10803378	102.06	ppb	95
91)	1,2,4-Trichlorobenzene	14.095	180	3207031	102.64	ppb	98
92)	Hexachloro-1,3-Butadiene	14.249	225	1515767	117.11	ppb	98
93)	Naphthalene	14.388	128	5283370	127.08	ppb	97
94)	1,2,3-Trichlorobenzene	14.667	180	2292236	100.17	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\042816\
Data File : V8000685.D
Acq On : 28 Apr 2016 9:37 pm
Operator :
Sample : SEQ-CAL9
Misc : V8042816A 160PPB
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 29 09:05:21 2016
Quant Method : C:\msdchem\1\methods\V8LO0004.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Wed Mar 09 12:20:47 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\042816\
 Data File : V8000687.D
 Acq On : 28 Apr 2016 10:28 pm
 Operator :
 Sample : SEQ-SCV1
 Misc : V8042816A ICV
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 29 10:13:35 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	228715	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	1061383	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	492859	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	271750	9.92	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.20%		
51) Toluene-d8 (SURR)	7.715	98	1263586	9.78	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.80%		
70) p-Bromofluorobenzene (...)	10.504	95	521463	10.05	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.50%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	186985	10.93	ppb	99
3) Chloromethane	1.956	50	154165	10.68	ppb	94
4) Vinyl Chloride	2.071	62	130120	11.10	ppb	98
5) Bromomethane	2.444	94	75222	15.72	ppb	98
6) Chloroethane	2.556	64	49872	10.14	ppb	98
7) Trichlorofluoromethane	2.807	101	187478	11.10	ppb	99
8) Ethanol	3.097	45	21597	421.41	ppb	100
9) Freon-113	3.340	101	156256	10.48	ppb	97
10) 1,1-Dichloroethylene	3.362	61	265051	10.92	ppb	# 94
11) Acrolein	3.303	56	13239	9.01	ppb	94
12) Acetone	3.465	43	32937m	10.32	ppb	
13) Iodomethane	3.540	142	288586	12.71	ppb	100
14) Methyl Acetate	3.775	43	65425	9.28	ppb	99
15) Carbon disulfide	3.593	76	394630	11.15	ppb	100
16) tert-Butyl Alcohol (TBA)	4.014	59	9465	9.63	ppb	# 97
17) Methylene Chloride	3.878	49	228530	9.86	ppb	87
18) Acrylonitrile	4.148	53	32598	9.99	ppb	94
19) trans-1,2-Dichloroethy...	4.123	61	263602	11.35	ppb	99
20) tert-Butyl Methyl Ethe...	4.109	73	357543	10.43	ppb	97
21) 1,1-Dichloroethane	4.547	63	346612	11.78	ppb	99
22) Vinyl Acetate	4.569	43	497279	10.96	ppb	100
23) Diisopropyl ether (DIPE)	4.550	45	613541	9.83	ppb	# 87
24) Ethyl-tert-Butyl ether...	4.896	59	474765	9.40	ppb	# 84
25) cis-1,2-Dichloroethylene	5.102	61	301375	10.98	ppb	96
26) 2-Butanone	5.127	72	12439	10.17	ppb	76
27) 2,2-Dichloropropane	5.082	77	239578	10.52	ppb	# 90
28) Tetrahydrofuran	5.386	42	30405m	10.29	ppb	
29) Bromochloromethane	5.342	49	136929	10.63	ppb	95

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000687.D
 Acq On : 28 Apr 2016 10:28 pm
 Operator :
 Sample : SEQ-SCV1
 Misc : V8042816A ICV
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 29 10:13:35 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
30)	Chloroform	5.403	83	321785	10.93	ppb	#	96
31)	1,1,1-Trichloroethane	5.559	97	299021	11.03	ppb	#	74
32)	Cyclohexane	5.587	56	316333	10.65	ppb		85
33)	1,1-Dichloropropylene	5.710	75	243526	11.13	ppb	#	59
35)	Carbon Tetrachloride	5.707	117	269833	11.01	ppb		98
36)	tert-Amyl alcohol (TAA)	4.896	59	474765	97.66	ppb	#	53
37)	1,2-Dichloroethane	5.964	62	181787	10.34	ppb		99
38)	Benzene	5.919	78	706104	11.23	ppb	#	80
39)	tert-Amyl methyl ether...	5.980	73	380065	9.83	ppb	#	89
41)	Trichloroethylene	6.530	95	196550	10.62	ppb		93
42)	Methyl Cyclohexane	6.678	83	289216	10.15	ppb		89
43)	Methyl Methacrylate	6.834	69	67477	9.61	ppb	#	53
44)	Dibromomethane	6.903	93	76527	9.74	ppb		95
45)	Bromodichloromethane	7.040	83	221975	10.34	ppb	#	96
46)	1,2-Dichloropropane	6.767	63	180955	10.34	ppb		96
47)	1,4-Dioxane	6.909	88	7606	198.37	ppb		97
49)	cis-1,3-Dichloropropene	7.470	75	252444	10.04	ppb		90
50)	4-Methyl-2-Pentanone	7.601	43	192151	9.62	ppb	#	84
52)	Toluene	7.785	91	779667	10.81	ppb		99
53)	trans-1,3-Dichloropropene	8.027	75	196559	9.66	ppb		99
54)	1,1,2-Trichloroethane	8.231	97	110747	9.61	ppb		94
55)	1,3-Dichloropropane	8.401	76	185980	9.94	ppb	#	89
56)	Tetrachloroethylene	8.340	166	263559	12.88	ppb	#	82
57)	2-Hexanone	8.446	43	72908	9.72	ppb	#	89
58)	Dibromochloromethane	8.649	129	148262	9.54	ppb		97
59)	1,2-Dibromoethane	8.777	107	107729	9.53	ppb		93
60)	Chlorobenzene	9.263	112	495078	10.19	ppb		92
61)	1,1,1,2-tetrachloroethane	9.346	131	185359	10.50	ppb		93
62)	Ethyl Benzene	9.346	91	889724	11.35	ppb		94
63)	p- & m-Xylenes	9.466	91	1348335	22.57	ppb		93
64)	o-Xylene	9.904	91	670409	10.49	ppb		98
65)	Styrene	9.929	104	549025	11.35	ppb	#	77
66)	Bromofrom	10.186	173	73626	9.53	ppb	#	85
68)	p-Ethyltoluene	10.939	105	742778	11.16	ppb	#	87
69)	Isopropylbenzene	10.294	105	846672	10.56	ppb		95
71)	1,1,2,2-Tetrachloroethane	10.682	83	116190	9.93	ppb	#	61
72)	Bromobenzene	10.679	77	288398	10.75	ppb		93
73)	trans-1,4-Dichloro-2-b...	10.738	75	125006	10.26	ppb	#	73
74)	1,2,3-Trichloropropane	10.735	110	31591	10.05	ppb	#	14
75)	n-Propylbenzene	10.749	91	976250	10.81	ppb		98
76)	2-Chlorotoluene	10.877	91	650905	10.91	ppb		98
77)	4-Chlorotoluene	10.997	91	579438	10.41	ppb		98

Data Path : C:\msdchem\1\data\042816\
Data File : V8000687.D
Acq On : 28 Apr 2016 10:28 pm
Operator :
Sample : SEQ-SCV1
Misc : V8042816A ICV
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 29 10:13:35 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration

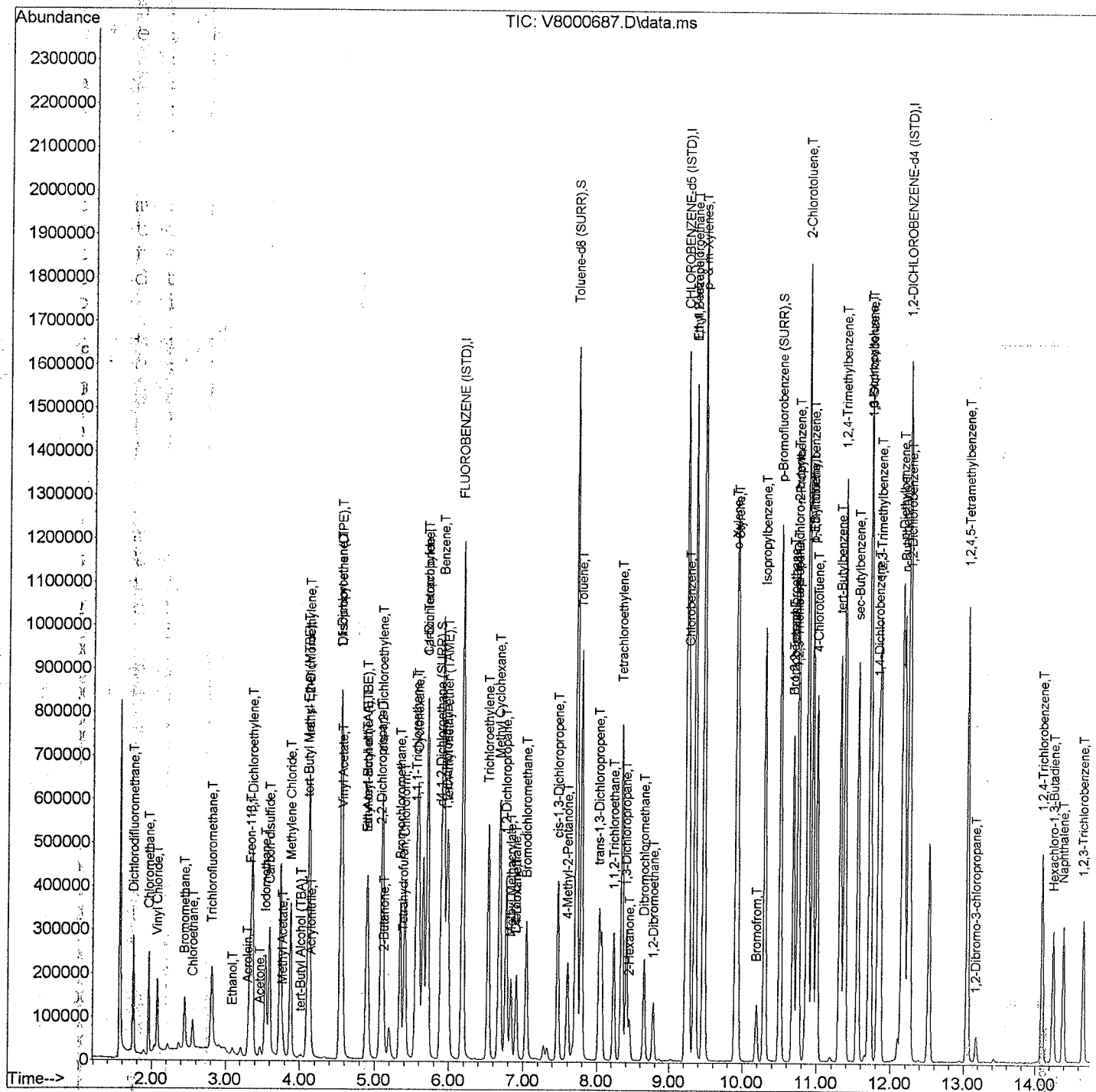
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	1,3,5-Trimethylbenzene	10.939	105	742778	11.19	ppb	95
79)	tert-Butylbenzene	11.307	119	612294	10.30	ppb	95
80)	1,2,4-Trimethylbenzene	11.365	105	751850	11.35	ppb	# 77
81)	sec-Butylbenzene	11.552	105	826055	10.22	ppb	97
82)	1,3-Dichlorobenzene	11.722	146	370173	10.40	ppb	99
83)	p-Isopropyltoluene	11.708	119	811491	11.31	ppb	96
84)	1,4-Dichlorobenzene	11.825	146	361581	9.99	ppb	98
85)	1,2,3-Trimethylbenzene	11.856	105	698001	10.84	ppb	99
86)	p-Diethylbenzene	12.152	105	423895	11.04	ppb	# 52
87)	1,2-Dichlorobenzene	12.258	146	318824	9.82	ppb	99
88)	n-Butylbenzene	12.180	91	787926	11.25	ppb	90
89)	1,2-Dibromo-3-chloropr...	13.169	75	17980	9.53	ppb	# 84
90)	1,2,4,5-Tetramethylben...	13.050	119	717686	10.74	ppb	95
91)	1,2,4-Trichlorobenzene	14.093	180	178994	10.43	ppb	99
92)	Hexachloro-1,3-Butadiene	14.249	225	68108	10.00	ppb	97
93)	Naphthalene	14.388	128	302893	10.21	ppb	97
94)	1,2,3-Trichlorobenzene	14.667	180	122985	10.19	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : C:\msdchem\1\data\042816\
Data File : V8000687.D
Acq On : 28 Apr 2016 10:28 pm
Operator :
Sample : SEQ-SCV1
Misc : V8042816A ICV
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 29 10:13:35 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000849.D
 Acq On : 5 May 2016 8:23 pm
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050516B Y16D110
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 06 08:20:09 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	FLUOROBENZENE (ISTD)	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	0.748	0.583	22.1	68	0.00
3 T	Chloromethane	0.675	0.291	56.9#	47#	0.00
4 T	Vinyl Chloride	0.513	0.418	18.5	74	0.00
5 T	Bromomethane	0.199	0.130	34.5#	105	0.00
6 T	Chloroethane	0.215	0.227	-5.5	102	0.00
7 T	Trichlorofluoromethane	0.738	0.866	-17.2	102	0.00
8 T	Ethanol	0.002	0.002	-4.5	81	0.00
9 T	Freon-113	0.652	0.541	17.0	76	0.00
10 T	1,1-Dichloroethylene	1.062	0.983	7.4	82	0.00
11 T	Acrolein	0.064	0.072	-11.8	108	0.00
12 T	Acetone	0.141	0.183	-29.8#	103	0.00
13 T	Iodomethane	0.831	0.372	55.3#	37#	0.00
14 T	Methyl Acetate	0.308	0.292	5.3	85	0.00
15 T	Carbon disulfide	1.548	1.321	14.7	77	0.00
16 T	tert-Butyl Alcohol (TBA)	0.043	0.032	25.3#	71	0.00
17 T	Methylene Chloride	0.977	0.952	2.6	86	0.00
18 T	Acrylonitrile	0.143	0.120	15.8	81	0.00
19 T	trans-1,2-Dichloroethylene	1.015	0.945	6.9	82	0.00
20 T	tert-Butyl Methyl Ether (MT)	1.500	1.263	15.7	74	0.00
21 T	1,1-Dichloroethane	1.286	1.240	3.6	82	0.00
22 T	Vinyl Acetate	1.984	1.945	2.0	89	0.00
23 T	Diisopropyl ether (DIPE)	2.729	2.852	-4.5	79	0.00
24 T	Ethyl-tert-Butyl ether (ETB)	2.208	2.060	6.7	73	0.00
25 T	cis-1,2-Dichloroethylene	1.200	1.118	6.9	82	0.00
26 T	2-Butanone	0.053	0.059	-11.0	95	0.00
27 T	2,2-Dichloropropane	0.996	0.780	21.7	69	0.00
28 T	Tetrahydrofuran	0.129	0.128	1.2	87	0.00
29 T	Bromochloromethane	0.563	0.564	-0.1	83	0.00
30 T	Chloroform	1.288	1.205	6.4	85	0.00
31 T	1,1,1-Trichloroethane	1.185	0.984	17.0	75	0.00
32 T	Cyclohexane	1.298	1.112	14.3	76	0.00
33 T	1,1-Dichloropropylene	0.957	0.888	7.2	81	0.00
34 S	d4-1,2-Dichloroethane (SURR)	1.198	1.318	-10.1	99	0.00
35 T	Carbon Tetrachloride	1.072	0.838	21.8	70	0.00
36 T	tert-Amyl alcohol (TAA)	0.213	0.206	3.1	73	0.00
37 T	1,2-Dichloroethane	0.768	0.802	-4.4	91	0.00
38 T	Benzene	2.750	2.551	7.2	82	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000849.D
 Acq On : 5 May 2016 8:23 pm
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050516B Y16D110
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 06 08:20:09 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39 T	tert-Amyl methyl ether (TAM	1.690	1.612	4.6	72	0.00
40 I	CHLORO BENZENE-d5 (ISTD)	1.000	1.000	0.0	77	0.00
41 T	Trichloroethylene	0.174	0.178	-2.1	78	0.00
42 T	Methyl Cyclohexane	0.268	0.265	1.1	76	0.00
43 T	Methyl Methacrylate	0.066	0.072	-8.3	85	0.00
44 T	Dibromomethane	0.074	0.079	-6.4	82	0.00
45 T	Bromodichloromethane	0.202	0.207	-2.2	79	0.00
46 T	1,2-Dichloropropane	0.165	0.183	-11.0	84	0.00
47 T	1,4-Dioxane	0.000	0.001	-66.7#	117	-0.02
48 T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	126	-0.10
49 T	cis-1,3-Dichloropropene	0.237	0.240	-1.4	76	0.00
50 T	4-Methyl-2-Pentanone	0.188	0.211	-12.1	85	0.00
51 S	Toluene-d8 (SURR)	1.218	1.289	-5.8	82	0.00
52 T	Toluene	0.680	0.720	-6.0	79	0.00
53 T	trans-1,3-Dichloropropene	0.192	0.185	3.5	73	0.00
54 T	1,1,2-Trichloroethane	0.109	0.113	-3.9	80	0.00
55 T	1,3-Dichloropropane	0.176	0.199	-12.7	84	0.00
56 T	Tetrachloroethylene	0.193	0.216	-12.1	75	0.00
57 T	2-Hexanone	0.071	0.084	-19.2	89	0.00
58 T	Dibromochloromethane	0.146	0.121	17.6	64	0.00
59 T	1,2-Dibromoethane	0.107	0.108	-1.6	79	0.00
60 T	Chlorobenzene	0.458	0.465	-1.5	76	0.00
61 T	1,1,1,2-tetrachloroethane	0.166	0.156	6.2	70	0.00
62 T	Ethyl Benzene	0.738	0.822	-11.3	80	0.00
63 T	p- & m-Xylenes	0.563	0.646	-14.9	81	0.00
64 T	o-Xylene	0.602	0.669	-11.0	81	0.00
65 T	Styrene	0.456	0.475	-4.3	76	0.00
66 T	Bromofrom	0.073	0.050	30.9#	54	0.00
67 I	1,2-DICHLORO BENZENE-d4 (IST	1.000	1.000	0.0	73	0.00
68 T	p-Ethyltoluene	1.350	1.492	-10.5	78	-0.04
69 T	Isopropylbenzene	1.627	1.788	-9.9	78	0.00
70 S	p-Bromofluorobenzene (SURR)	1.053	1.131	-7.4	79	0.00
71 T	1,1,2,2-Tetrachloroethane	0.237	0.276	-16.2	83	0.00
72 T	Bromobenzene	0.544	0.663	-21.8	85	0.00
73 T	trans-1,4-Dichloro-2-butene	0.247	0.279	-12.7	77	0.00
74 T	1,2,3-Trichloropropane	0.064	0.075	-16.9	83	0.00

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000849.D
 Acq On : 5 May 2016 8:23 pm
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050516B Y16D110
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 06 08:20:09 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
75 T	n-Propylbenzene	1.832	2.186	-19.3	82	0.00
76 T	2-Chlorotoluene	1.210	1.469	-21.3	84	0.00
77 T	4-Chlorotoluene	1.129	1.326	-17.4	83	0.00
78 T	1,3,5-Trimethylbenzene	1.346	1.492	-10.8	78	0.00
79 T	tert-Butylbenzene	1.206	1.265	-4.8	76	0.00
80 T	1,2,4-Trimethylbenzene	1.343	1.528	-13.7	79	0.00
81 T	sec-Butylbenzene	1.640	1.827	-11.4	79	0.00
82 T	1,3-Dichlorobenzene	0.722	0.792	-9.7	77	0.00
83 T	p-Isopropyltoluene	1.456	1.599	-9.8	77	0.00
84 T	1,4-Dichlorobenzene	0.734	0.779	-6.1	77	0.00
85 T	1,2,3-Trimethylbenzene	1.307	1.438	-10.1	78	0.00
86 T	p-Diethylbenzene	0.779	0.864	-10.9	80	0.00
87 T	1,2-Dichlorobenzene	0.659	0.706	-7.2	77	0.00
88 T	n-Butylbenzene	1.421	1.778	-25.1#	88	0.00
89 T	1,2-Dibromo-3-chloropropane	0.038	0.036	5.2	71	0.00
90 T	1,2,4,5-Tetramethylbenzene	1.356	1.358	-0.1	74	0.00
91 T	1,2,4-Trichlorobenzene	0.348	0.347	0.4	75	0.00
92 T	Hexachloro-1,3-Butadiene	0.143	0.135	5.4	76	0.00
93 T	Naphthalene	0.602	0.601	0.1	75	0.00
94 T	1,2,3-Trichlorobenzene	0.245	0.240	2.0	75	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000850.D
 Acq On : 5 May 2016 8:48 pm
 Operator : BK
 Sample : BE60261-BS1
 Misc : V8050516B Y16D116
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 06 08:21:16 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	214906	10.00	ppb	# 0.00
40) CHLOROBEZENE-d5 (ISTD)	9.232	117	825230	10.00	ppb	0.00
67) 1,2-DICHLOROBEZENE-d4...	12.241	152	370511	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	281152	10.92	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.20%			
51) Toluene-d8 (SURR)	7.715	98	1056743	10.51	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.10%			
70) p-Bromofluorobenzene (...)	10.506	95	421899	10.81	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.10%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.745	85	171767	10.68	ppb	# 99
3) Chloromethane	1.956	50	86570	7.25	ppb	# 94
4) Vinyl Chloride	2.071	62	109912	9.98	ppb	# 98
5) Bromomethane	2.444	94	35540	9.50	ppb	# 97
6) Chloroethane	2.553	64	52362	11.34	ppb	# 98
7) Trichlorofluoromethane	2.810	101	205878	12.98	ppb	# 100
8) Ethanol	3.097	45	23261	483.05	ppb	# 100
9) Freon-113	3.334	101	131370	9.38	ppb	# 95
10) 1,1-Dichloroethylene	3.362	61	228652	10.02	ppb	# 95
11) Acrolein	3.303	56	12241	8.87	ppb	# 91
12) Acetone	3.471	43	29104	9.52	ppb	# 99
13) Iodomethane	3.538	142	112618	5.00	ppb	# 99
14) Methyl Acetate	3.775	43	63738	9.63	ppb	# 99
15) Carbon disulfide	3.593	76	323188	9.72	ppb	# 100
16) tert-Butyl Alcohol (TBA)	4.012	59	7835	8.48	ppb	# 97
17) Methylene Chloride	3.875	49	209502	9.62	ppb	# 86
18) Acrylonitrile	4.146	53	30688	10.01	ppb	# 91
19) trans-1,2-Dichloroethy...	4.123	61	219392	10.06	ppb	# 97
20) tert-Butyl Methyl Ethe...	4.107	73	290143	9.00	ppb	# 93
21) 1,1-Dichloroethane	4.544	63	293675	10.63	ppb	# 99
22) Vinyl Acetate	4.569	43	434324	10.19	ppb	# 100
23) Diisopropyl ether (DIPE)	4.550	45	505723	8.62	ppb	# 96
24) Ethyl tert-Butyl ether...	4.896	59	364197	7.67	ppb	# 97
25) cis-1,2-Dichloroethylene	5.102	61	256030	9.92	ppb	# 94
26) 2-Butanone	5.127	72	11321	9.79	ppb	# 68
27) 2,2-Dichloropropane	5.085	77	182732	8.54	ppb	# 77
28) Tetrahydrofuran	5.392	42	28123	10.13	ppb	# 77
29) Bromochloromethane	5.342	49	126772	10.48	ppb	# 87

Data Path : C:\msdchem\1\data\050516\

Data File : V8000850.D

Acq On : 5 May 2016 8:48 pm

Operator : BK

Sample : BE60261-BS1

Misc : V8050516B Y16D116

ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 06 08:21:16 2016

Quant Method : C:\msdchem\1\methods\V8LO0005.M

Quant Title : Volatile Organics EPA 8260C

QLast Update : Fri Apr 29 10:10:50 2016

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Chloroform	5.403	83	276302	9.98	ppb	# 98
31) 1,1,1-Trichloroethane	5.559	97	233861	9.18	ppb	98
32) Cyclohexane	5.590	56	265431	9.51	ppb	83
33) 1,1-Dichloropropylene	5.710	75	206625	10.05	ppb	# 71
35) Carbon Tetrachloride	5.710	117	201845	8.76	ppb	99
36) tert-Amyl alcohol (TAA)	4.896	59	364197	79.73	ppb	# 54
37) 1,2-Dichloroethane	5.964	62	175625	10.63	ppb	# 97
38) Benzene	5.919	78	587790	9.94	ppb	# 95
39) tert-Amyl methyl ether...	5.980	73	285577	7.86	ppb	# 86
41) Trichloroethylene	6.527	95	155722	10.82	ppb	97
42) Methyl Cyclohexane	6.675	83	238628	10.77	ppb	# 85
43) Methyl Methacrylate	6.831	69	62034	11.36	ppb	# 55
44) Dibromomethane	6.906	93	68284	11.18	ppb	# 66
45) Bromodichloromethane	7.046	83	181052	10.85	ppb	# 95
46) 1,2-Dichloropropane	6.770	63	156120	11.47	ppb	# 81
47) 1,4-Dioxane	6.912	88	8021	260.17	ppb	91
49) cis-1,3-Dichloropropene	7.467	75	205961	10.54	ppb	89
50) 4-Methyl-2-Pentanone	7.601	43	186411	12.00	ppb	# 82
52) Toluene	7.785	91	629216	11.22	ppb	98
53) trans-1,3-Dichloropropene	8.030	75	160027	10.12	ppb	99
54) 1,1,2-Trichloroethane	8.231	97	96604	10.78	ppb	92
55) 1,3-Dichloropropane	8.404	76	169835	11.67	ppb	# 66
56) Tetrachloroethylene	8.340	166	155426	9.77	ppb	# 70
57) 2-Hexanone	8.448	43	69672	11.94	ppb	# 86
58) Dibromochloromethane	8.649	129	105463	8.73	ppb	97
59) 1,2-Dibromoethane	8.775	107	92338	10.51	ppb	93
60) Chlorobenzene	9.263	112	385897	10.22	ppb	# 94
61) 1,1,1,2-tetrachloroethane	9.346	131	139028	10.13	ppb	94
62) Ethyl Benzene	9.346	91	724983	11.90	ppb	99
63) p- & m-Xylenes	9.466	91	1109841	23.89	ppb	97
64) o-Xylene	9.907	91	557261	11.21	ppb	100
65) Styrene	9.929	104	442992	11.77	ppb	# 77
66) Bromofrom	10.186	173	46659	7.77	ppb	98
68) p-Ethyltoluene	11.368	105	614114	12.28	ppb	100
69) Isopropylbenzene	10.294	105	674954	11.20	ppb	95
71) 1,1,2,2-Tetrachloroethane	10.682	83	115512	13.13	ppb	# 72
72) Bromobenzene	10.682	77	265685	13.18	ppb	96
73) trans-1,4-Dichloro-2-b...	10.738	75	111238	12.14	ppb	# 69
74) 1,2,3-Trichloropropane	10.735	110	29698	12.57	ppb	# 18
75) n-Propylbenzene	10.749	91	830104	12.23	ppb	99
76) 2-Chlorotoluene	10.875	91	558771	12.46	ppb	99
77) 4-Chlorotoluene	10.997	91	503204	12.03	ppb	99

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000850.D
 Acq On : 5 May 2016 8:48 pm
 Operator : BK
 Sample : BE60261-BS1
 Misc : V8050516B Y16D116
 ALS Vial : 25 Sample Multiplier: 1

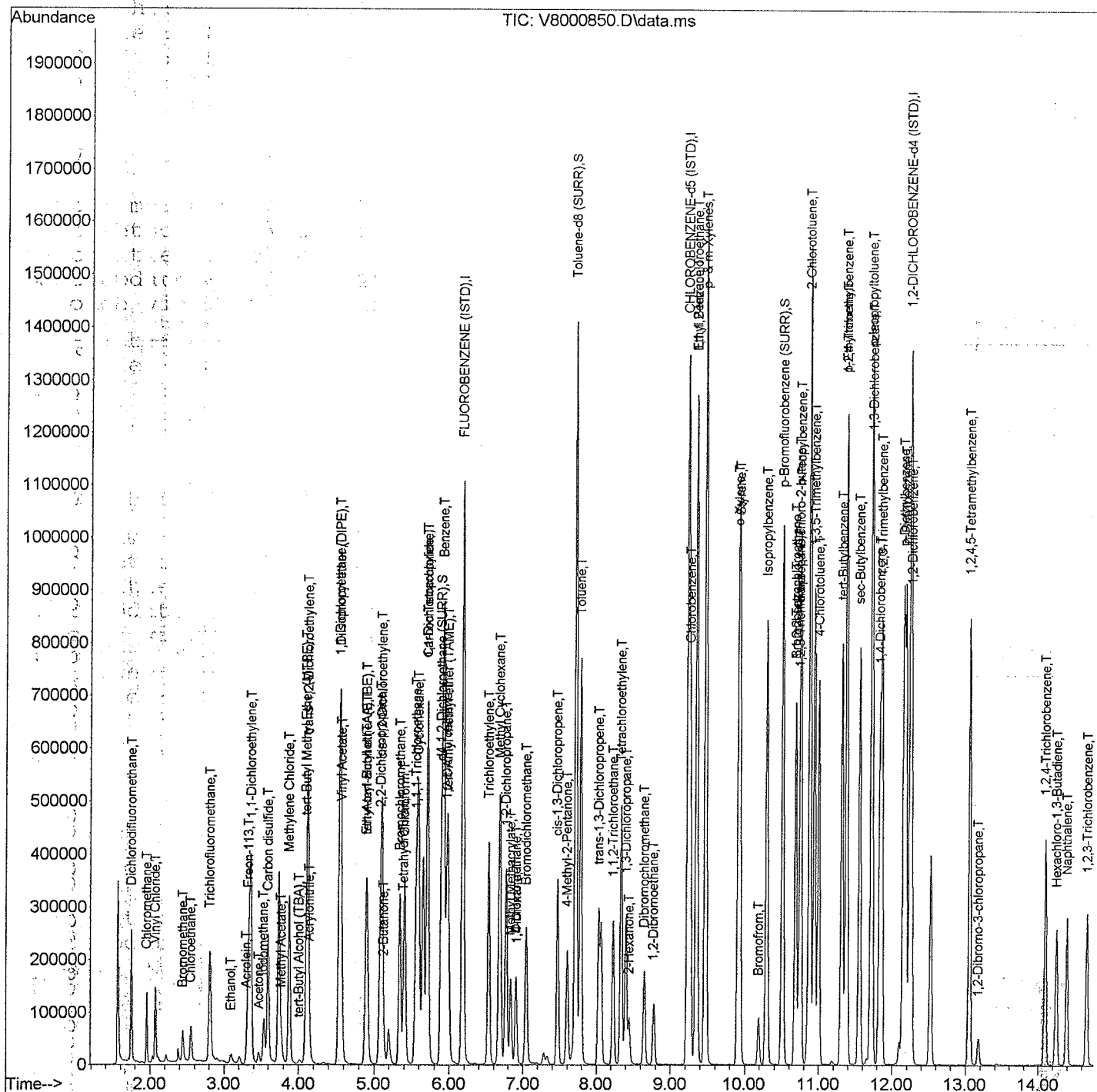
Quant Time: May 06 08:21:16 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	1,3,5-Trimethylbenzene	10.939	105	606000	12.15	ppb	# 97
79)	tert-Butylbenzene	11.310	119	480868	10.76	ppb	99
80)	1,2,4-Trimethylbenzene	11.368	105	614114	12.34	ppb	# 80
81)	sec-Butylbenzene	11.552	105	683096	11.24	ppb	98
82)	1,3-Dichlorobenzene	11.725	146	303385	11.34	ppb	98
83)	p-Isopropyltoluene	11.711	119	651066	12.07	ppb	97
84)	1,4-Dichlorobenzene	11.825	146	297909	10.95	ppb	96
85)	1,2,3-Trimethylbenzene	11.856	105	562429	11.62	ppb	96
86)	p-Diethylbenzene	12.149	105	348179	12.06	ppb	# 44
87)	1,2-Dichlorobenzene	12.260	146	265872	10.89	ppb	# 86
88)	n-Butylbenzene	12.180	91	708958	13.46	ppb	91
89)	1,2-Dibromo-3-chloropr...	13.170	75	15017	10.59	ppb	93
90)	1,2,4,5-Tetramethylben...	13.050	119	554898	11.04	ppb	Dev (M) 97
91)	1,2,4-Trichlorobenzene	14.093	180	145107	11.24	ppb	98
92)	Hexachloro-1,3-Butadiene	14.246	225	55580	10.78	ppb	94
93)	Naphthalene	14.388	128	257789	11.56	ppb	98
94)	1,2,3-Trichlorobenzene	14.670	180	100803	11.11	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : C:\msdchem\1\data\050516\  
Data File : V8000850.D  
Acq On    : 5 May 2016      8:48 pm  
Operator   : BK  
Sample     : BE60261-BS1  
Misc      : V8050516B Y16D116  
ALS Vial   : 25      Sample Multiplier: 1
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Quant Time: May 06 08:21:16 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000872.D
 Acq On : 6 May 2016 8:43 am
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616A Y16D110
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 09:36:16 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

S	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	FLUOROBENZENE (ISTD)	1.000	1.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	0.748	0.568	24.1	60	0.00
3 T	Chloromethane	0.675	0.323	52.1#	48#	0.00
4 T	Vinyl Chloride	0.513	0.435	15.2	70	0.00
5 T	Bromomethane	0.199	0.163	17.8	120	0.00
6 T	Chloroethane	0.215	0.221	-2.6	91	0.00
7 T	Trichlorofluoromethane	0.738	0.918	-24.3	99	0.00
8 T	Ethanol	0.002	0.002	-9.1	78	0.00
9 T	Freon-113	0.652	0.538	17.4	69	0.00
10 T	1,1-Dichloroethylene	1.062	0.983	7.4	74	0.00
11 T	Acrolein	0.064	0.061	5.1	84	0.00
12 T	Acetone	0.141	0.114	19.4	58	0.00
13 T	Iodomethane	0.831	0.375	54.8#	35#	0.00
14 T	Methyl Acetate	0.308	0.257	16.5	69	0.00
15 T	Carbon disulfide	1.548	1.295	16.3	69	0.00
16 T	tert-Butyl Alcohol (TBA)	0.043	0.030	29.5#	61	0.00
17 T	Methylene Chloride	0.977	0.961	1.7	79	0.00
18 T	Acrylonitrile	0.143	0.122	14.5	75	0.00
19 T	trans-1,2-Dichloroethylene	1.015	0.949	6.5	75	0.00
20 T	tert-Butyl Methyl Ether (MT)	1.500	1.186	20.9	63	0.00
21 T	1,1-Dichloroethane	1.286	1.255	2.4	76	0.00
22 T	Vinyl Acetate	1.984	1.925	3.0	80	0.00
23 T	Diisopropyl ether (DIPE)	2.729	2.818	-3.2	71	0.00
24 T	Ethyl-tert-Butyl ether (ETB)	2.208	2.005	9.2	65	0.00
25 T	cis-1,2-Dichloroethylene	1.200	1.127	6.1	75	0.00
26 T	2-Butanone	0.053	0.044	16.1	65	0.00
27 T	2,2-Dichloropropane	0.996	0.903	9.4	73	0.00
28 T	Tetrahydrofuran	0.129	0.103	20.4	64	0.00
29 T	Bromochloromethane	0.563	0.528	6.3	71	0.00
30 T	Chloroform	1.288	1.190	7.6	76	0.00
31 T	1,1,1-Trichloroethane	1.185	1.004	15.3	70	0.00
32 T	Cyclohexane	1.298	1.086	16.3	68	0.00
33 T	1,1-Dichloropropylene	0.957	0.906	5.3	76	0.00
34 S	d4-1,2-Dichloroethane (SURR)	1.198	1.261	-5.3	87	0.00
35 T	Carbon Tetrachloride	1.072	0.844	21.3	65	0.00
36 T	tert-Amyl alcohol (TAA)	0.213	0.201	5.7	65	0.00
37 T	1,2-Dichloroethane	0.768	0.760	1.1	78	0.00
38 T	Benzene	2.750	2.526	8.2	74	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000872.D
 Acq On : 6 May 2016 8:43 am
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616A Y16D110
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 09:36:16 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39 T	tert-Amyl methyl ether (TAM)	1.690	1.547	8.5	63	0.00
40 I	CHLOROBENZENE-d5 (ISTD)	1.000	1.000	0.0	69	0.00
41 T	Trichloroethylene	0.174	0.181	-4.0	71	0.00
42 T	Methyl Cyclohexane	0.268	0.272	-1.4	69	0.00
43 T	Methyl Methacrylate	0.066	0.065	1.7	69	0.00
44 T	Dibromomethane	0.074	0.075	-1.8	70	0.00
45 T	Bromodichloromethane	0.202	0.203	-0.6	69	0.00
46 T	1,2-Dichloropropane	0.165	0.183	-10.9	75	0.00
47 T	1,4-Dioxane	0.000	0.001	-100.0#	121	-0.02
48 T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	92	-0.10
49 T	cis-1,3-Dichloropropene	0.237	0.238	-0.5	67	0.00
50 T	4-Methyl-2-Pentanone	0.188	0.192	-2.2	69	0.00
51 S	Toluene-d8 (SURR)	1.218	1.300	-6.7	74	0.00
52 T	Toluene	0.680	0.726	-6.8	71	0.00
53 T	trans-1,3-Dichloropropene	0.192	0.183	4.3	64	0.00
54 T	1,1,2-Trichloroethane	0.109	0.106	2.0	67	0.00
55 T	1,3-Dichloropropane	0.176	0.189	-7.3	72	0.00
56 T	Tetrachloroethylene	0.193	0.163	15.3	51	0.00
57 T	2-Hexanone	0.071	0.070	0.4	66	0.00
58 T	Dibromochloromethane	0.146	0.113	22.7	54	0.00
59 T	1,2-Dibromoethane	0.107	0.099	7.1	65	0.00
60 T	Chlorobenzene	0.458	0.460	-0.5	67	0.00
61 T	1,1,1,2-tetrachloroethane	0.166	0.153	8.0	61	0.00
62 T	Ethyl Benzene	0.738	0.858	-16.2	75	0.00
63 T	p- & m-Xylenes	0.563	0.671	-19.2	75	0.00
64 T	o-Xylene	0.602	0.685	-13.7	74	0.00
65 T	Styrene	0.456	0.479	-5.0	69	0.00
66 T	Bromofrom	0.073	0.047	35.0#	46#	0.00
67 I	1,2-DICHLOROBENZENE-d4 (IST	1.000	1.000	0.0	64	0.00
68 T	p-Ethyltoluene	1.350	1.554	-15.1	72	-0.04
69 T	Isopropylbenzene	1.627	1.868	-14.8	72	0.00
70 S	p-Bromofluorobenzene (SURR)	1.053	1.168	-10.9	72	0.00
71 T	1,1,2,2-Tetrachloroethane	0.237	0.274	-15.6	73	0.00
72 T	Bromobenzene	0.544	0.680	-25.0	77	0.00
73 T	trans-1,4-Dichloro-2-butene	0.247	0.274	-11.0	67	0.00
74 T	1,2,3-Trichloropropane	0.064	0.071	-11.0	69	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\050616\
Data File : V8000872.D
Acq On : 6 May 2016 8:43 am
Operator : BK
Sample : SEQ-CCV1
Misc : V8050616A Y16D110
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 09:36:16 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
75 T	n-Propylbenzene	1.832	2.331	-27.2#	77	0.00
76 T	2-Chlorotoluene	1.210	1.556	-28.6#	78	0.00
77 T	4-Chlorotoluene	1.129	1.395	-23.5	77	0.00
78 T	1,3,5-Trimethylbenzene	1.346	1.554	-15.5	72	0.00
79 T	tert-Butylbenzene	1.206	1.300	-7.8	69	0.00
80 T	1,2,4-Trimethylbenzene	1.343	1.596	-18.8	72	0.00
81 T	sec-Butylbenzene	1.640	1.938	-18.1	74	0.00
82 T	1,3-Dichlorobenzene	0.722	0.815	-12.8	70	0.00
83 T	p-Isopropyltoluene	1.456	1.686	-15.8	71	0.00
84 T	1,4-Dichlorobenzene	0.734	0.792	-7.9	69	0.00
85 T	1,2,3-Trimethylbenzene	1.307	1.494	-14.4	72	0.00
86 T	p-Diethylbenzene	0.779	0.934	-19.9	76	0.00
87 T	1,2-Dichlorobenzene	0.659	0.702	-6.6	68	0.00
88 T	n-Butylbenzene	1.421	1.932	-35.9#	84	0.00
89 T	1,2-Dibromo-3-chloropropane	0.038	0.034	11.2	59	0.00
90 T	1,2,4,5-Tetramethylbenzene	1.356	1.415	-4.4	68	0.00
91 T	1,2,4-Trichlorobenzene	0.348	0.341	2.1	65	0.00
92 T	Hexachloro-1,3-Butadiene	0.143	0.141	1.6	70	0.00
93 T	Naphthalene	0.602	0.558	7.3	61	0.00
94 T	1,2,3-Trichlorobenzene	0.245	0.222	9.5	61	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000872.D
 Acq On : 6 May 2016 8:43 am
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616A Y16D110
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 09:36:16 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	196029	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	734574	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	326892	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	247252	10.53	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.30%		
51) Toluene-d8 (SURR)	7.718	98	954719	10.67	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.70%		
70) p-Bromofluorobenzene (...)	10.504	95	381632	11.09	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	110.90%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	111404	7.59	ppb	99
3) Chloromethane	1.954	50	63395	6.23	ppb	93
4) Vinyl Chloride	2.071	62	85248	8.48	ppb	99
5) Bromomethane	2.439	94	32029m	9.42	ppb	
6) Chloroethane	2.553	64	43219	10.26	ppb	99
7) Trichlorofluoromethane	2.810	101	179952	12.43	ppb	100
8) Ethanol	3.100	45	23637	538.12	ppb	100
9) Freon-113	3.328	101	105530	8.26	ppb	94
10) 1,1-Dichloroethylene	3.359	61	192718	9.26	ppb	# 93
11) Acrolein	3.303	56	11943	9.49	ppb	91
12) Acetone	3.468	43	22272	7.48	ppb	99
13) Iodomethane	3.540	142	73568m	3.46	ppb	
14) Methyl Acetate	3.772	43	50450	8.35	ppb	98
15) Carbon disulfide	3.593	76	253900	8.37	ppb	Qval 100
16) tert-Butyl Alcohol (TBA)	4.014	59	5931	7.04	ppb	# 97
17) Methylene Chloride	3.875	49	188321	9.47	ppb	85
18) Acrylonitrile	4.145	53	23906	8.55	ppb	# 61
19) trans-1,2-Dichloroethy...	4.123	61	186074	9.35	ppb	# 88
20) tert-Butyl Methyl Ethe...	4.112	73	232476	7.91	ppb	96
21) 1,1-Dichloroethane	4.544	63	246072	9.76	ppb	99
22) Vinyl Acetate	4.567	43	377276	9.70	ppb	100
23) Diisopropyl ether (DIPE)	4.550	45	441909	8.26	ppb	95
24) Ethyl tert-Butyl ether...	4.896	59	314465	7.26	ppb	# 89
25) cis-1,2-Dichloroethylene	5.102	61	220876	9.39	ppb	92
26) 2-Butanone	5.124	72	8684	7.89	ppb	# 66
27) 2,2-Dichloropropane	5.082	77	176970	9.06	ppb	# 77
28) Tetrahydrofuran	5.392	42	20148	7.96	ppb	Qval 75
29) Bromochloromethane	5.342	49	103448	9.37	ppb	86

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000872.D
 Acq On : 6 May 2016 8:43 am
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616A Y16D110
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 09:36:16 2016

Quant Method : C:\msdchem\1\methods\V8LO0005.M

Quant Title : Volatile Organics EPA 8260C

QLast Update : Fri Apr 29 10:10:50 2016

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Chloroform	5.406	83	233262	9.24	ppb	# 69
31) 1,1,1-Trichloroethane	5.559	97	196836	8.47	ppb	# 72
32) Cyclohexane	5.587	56	212906	8.37	ppb	# 82
33) 1,1-Dichloropropylene	5.707	75	177687	9.47	ppb	# 75
35) Carbon Tetrachloride	5.707	117	165345	7.87	ppb	# 99
36) tert-Amyl alcohol (TAA)	4.896	59	314465	75.47	ppb	# 54
37) 1,2-Dichloroethane	5.961	62	149048	9.89	ppb	# 98
38) Benzene	5.919	78	495187	9.18	ppb	# 74
39) tert-Amyl methyl ether...	5.980	73	242573	7.32	ppb	# 86
41) Trichloroethylene	6.527	95	133207	10.40	ppb	# 95
42) Methyl Cyclohexane	6.680	83	199875	10.14	ppb	# 83
43) Methyl Methacrylate	6.831	69	47811	9.84	ppb	# 55
44) Dibromomethane	6.903	93	55281	10.16	ppb	# 95
45) Bromodichloromethane	7.043	83	149474	10.06	ppb	# 96
46) 1,2-Dichloropropane	6.767	63	134269	11.09	ppb	# 97
47) 1,4-Dioxane	6.909	88	9052	323.22	ppb	# 94
49) cis-1,3-Dichloropropene	7.470	75	174809	10.05	ppb	# 88
50) 4-Methyl-2-Pentanone	7.598	43	141225	10.22	ppb	# 82
52) Toluene	7.785	91	533141	10.68	ppb	# 98
53) trans-1,3-Dichloropropene	8.030	75	134655	9.56	ppb	# 99
54) 1,1,2-Trichloroethane	8.231	97	78138	9.79	ppb	# 91
55) 1,3-Dichloropropane	8.404	76	138900	10.73	ppb	# 87
56) Tetrachloroethylene	8.340	166	119974	8.47	ppb	# 81
57) 2-Hexanone	8.446	43	51701	9.96	ppb	# 85
58) Dibromochloromethane	8.652	129	83070	7.73	ppb	# 97
59) 1,2-Dibromoethane	8.777	107	72628	9.28	ppb	# 94
60) Chlorobenzene	9.263	112	337821	10.05	ppb	# 92
61) 1,1,1,2-tetrachloroethane	9.349	131	112446	9.20	ppb	# 93
62) Ethyl Benzene	9.346	91	630055	11.62	ppb	# 100
63) p- & m-Xylenes	9.466	91	986144	23.85	ppb	# 98
64) o-Xylene	9.907	91	502967	11.37	ppb	# 100
65) Styrene	9.929	104	351788	10.50	ppb	# 77
66) Bromoform	10.186	173	34748	6.50	ppb	# 78
68) p-Ethyltoluene	10.939	105	508121	11.51	ppb	# 99
69) Isopropylbenzene	10.294	105	610766	11.48	ppb	# 96
71) 1,1,2,2-Tetrachloroethane	10.682	83	89695	11.56	ppb	# 77
72) Bromobenzene	10.682	77	222322	12.50	ppb	# 93
73) trans-1,4-Dichloro-2-b...	10.738	75	89659	11.09	ppb	# 61
74) 1,2,3-Trichloropropane	10.738	110	23154	11.10	ppb	# 9
75) n-Propylbenzene	10.749	91	761902	12.72	ppb	# 98
76) 2-Chlorotoluene	10.877	91	508722	12.86	ppb	# 99
77) 4-Chlorotoluene	10.997	91	456003	12.35	ppb	# 100

Data Path : C:\msdchem\1\data\050616\
Data File : V8000872.D
Acq On : 6 May 2016 8:43 am
Operator : BK
Sample : SEQ-CCV1
Misc : V8050616A Y16D110
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 09:36:16 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	1,3,5-Trimethylbenzene	10.939	105	508121	11.55	ppb	# 98
79)	tert-Butylbenzene	11.310	119	424944	10.78	ppb	97
80)	1,2,4-Trimethylbenzene	11.368	105	521717	11.88	ppb	# 81
81)	sec-Butylbenzene	11.552	105	633353	11.81	ppb	98
82)	1,3-Dichlorobenzene	11.725	146	266351	11.28	ppb	98
83)	p-Isopropyltoluene	11.711	119	550980	11.58	ppb	97
84)	1,4-Dichlorobenzene	11.825	146	258932	10.79	ppb	95
85)	1,2,3-Trimethylbenzene	11.856	105	488487	11.44	ppb	95
86)	p-Diethylbenzene	12.149	105	305209	11.99	ppb	# 41
87)	1,2-Dichlorobenzene	12.260	146	229553	10.66	ppb	98
88)	n-Butylbenzene	12.180	91	631420	13.59	ppb	90
89)	1,2-Dibromo-3-chloropr...	13.170	75	11118	8.88	ppb	94
90)	1,2,4,5-Tetramethylben...	13.050	119	462674	10.44	ppb	97
91)	1,2,4-Trichlorobenzene	14.090	180	111461	9.79	ppb	96
92)	Hexachloro-1,3-Butadiene	14.246	225	45983	10.16	ppb	91
93)	Naphthalene	14.388	128	182389	9.27	ppb	98
94)	1,2,3-Trichlorobenzene	14.667	180	72483	9.05	ppb	95

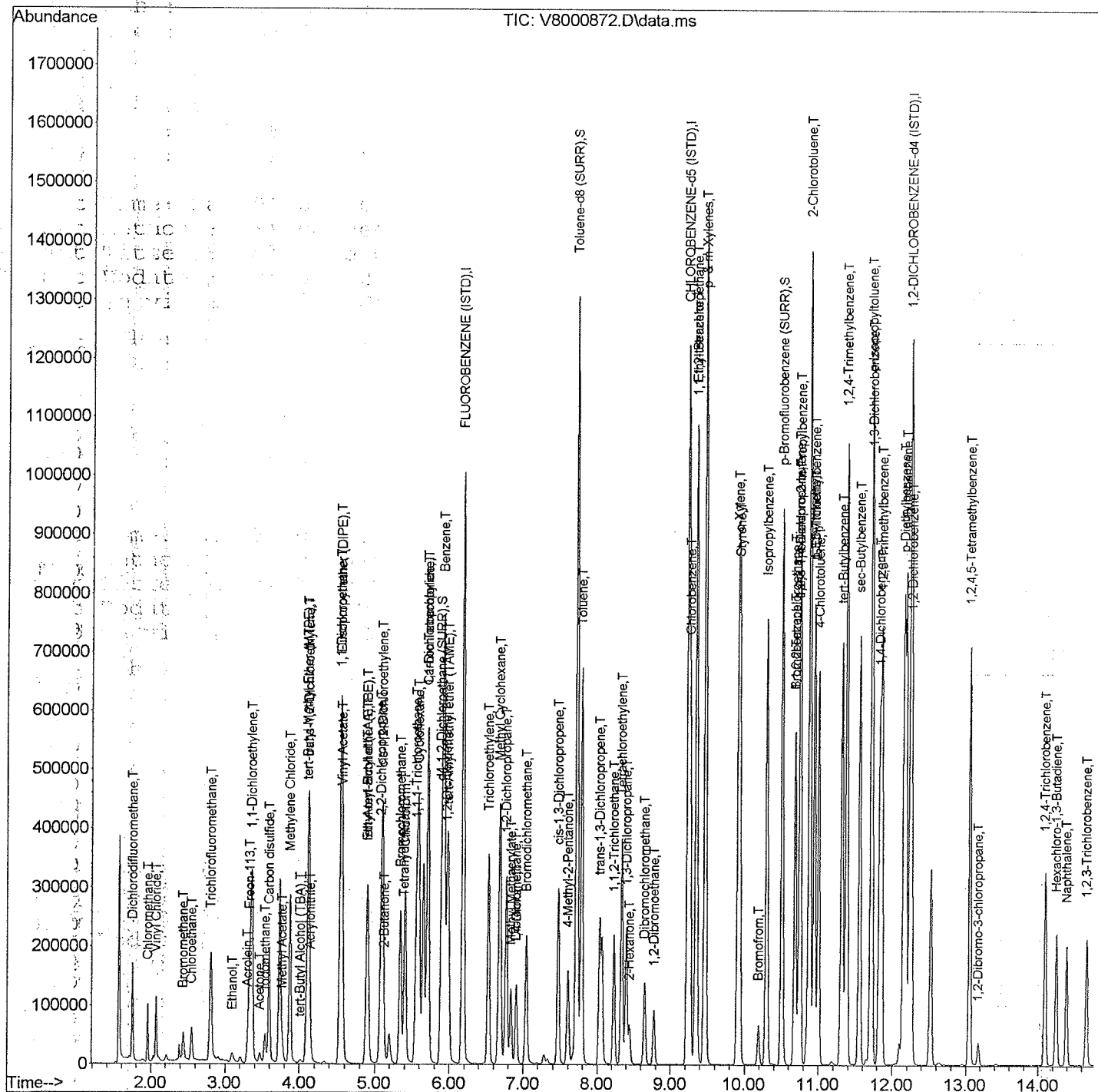
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Date:

05/06/16

Data Path : C:\msdchem\1\data\050616\
Data File : V8000872.D
Acq On : 6 May 2016 8:43 am
Operator : BK
Sample : SEQ-CCV1
Misc : V8050616A Y16D110
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 09:36:16 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000897.D
 Acq On : 6 May 2016 7:47 pm
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616B Y16D110
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 09:29:26 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	FLUOROBENZENE (ISTD)	1.000	1.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	0.748	0.689	7.9	69	0.00
3 T	Chloromethane	0.675	0.344	48.9#	47#	0.00
4 T	Vinyl Chloride	0.513	0.481	6.1	72	0.00
5 T	Bromomethane	0.199	0.209	-5.3	144	0.00
6 T	Chloroethane	0.215	0.244	-13.3	94	0.00
7 T	Trichlorofluoromethane	0.738	1.039	-40.7#	104	0.00
8 T	Ethanol	0.002	0.002	18.2	53	0.00
9 T	Freon-113	0.652	0.574	12.0	68	0.00
10 T	1,1-Dichloroethylene	1.062	1.024	3.6	72	0.00
11 T	Acrolein	0.064	0.063	1.9	81	0.00
12 T	Acetone	0.141	0.133	5.7	64	0.00
13 T	Iodomethane	0.831	0.494	40.6#	42#	0.00
14 T	Methyl Acetate	0.308	0.272	11.8	68	0.00
15 T	Carbon disulfide	1.548	1.357	12.3	67	0.00
16 T	tert-Butyl Alcohol (TBA)	0.043	0.027	37.4#	51	0.00
17 T	Methylene Chloride	0.977	1.008	-3.1	78	0.00
18 T	Acrylonitrile	0.143	0.119	16.5	68	0.00
19 T	trans-1,2-Dichloroethylene	1.015	0.973	4.2	72	0.00
20 T	tert-Butyl Methyl Ether (MT)	1.500	1.162	22.5	58	0.00
21 T	1,1-Dichloroethane	1.286	1.278	0.7	72	0.00
22 T	Vinyl Acetate	1.984	1.949	1.8	76	0.00
23 T	Diisopropyl ether (DIPE)	2.729	2.916	-6.9	68	0.00
24 T	Ethyl-tert-Butyl ether (ETB)	2.208	2.017	8.7	61	0.00
25 T	cis-1,2-Dichloroethylene	1.200	1.138	5.2	71	0.00
26 T	2-Butanone	0.053	0.046	12.9	64	0.00
27 T	2,2-Dichloropropane	0.996	0.810	18.7	61	0.00
28 T	Tetrahydrofuran	0.129	0.100	22.2	59	0.00
29 T	Bromochloromethane	0.563	0.553	1.9	69	0.00
30 T	Chloroform	1.288	1.220	5.2	73	0.00
31 T	1,1,1-Trichloroethane	1.185	1.021	13.9	67	0.00
32 T	Cyclohexane	1.298	1.145	11.8	67	0.00
33 T	1,1-Dichloropropylene	0.957	0.922	3.6	72	0.00
34 S	d4-1,2-Dichloroethane (SURR)	1.198	1.274	-6.4	82	0.00
35 T	Carbon Tetrachloride	1.072	0.872	18.6	62	0.00
36 T	tert-Amyl alcohol (TAA)	0.213	0.202	5.1	61	0.00
37 T	1,2-Dichloroethane	0.768	0.785	-2.2	76	0.00
38 T	Benzene	2.750	2.599	5.5	71	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000897.D
 Acq On : 6 May 2016 7:47 pm
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616B Y16D110
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 09:29:26 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39 T	tert-Amyl methyl ether (TAM	1.690	1.558	7.9	59	0.00
40 I	CHLORO BENZENE-d5 (ISTD)	1.000	1.000	0.0	63	0.00
41 T	Trichloroethylene	0.174	0.186	-6.7	67	0.00
42 T	Methyl Cyclohexane	0.268	0.289	-7.8	67	0.00
43 T	Methyl Methacrylate	0.066	0.066	-0.3	64	0.00
44 T	Dibromomethane	0.074	0.077	-4.2	66	0.00
45 T	Bromodichloromethane	0.202	0.211	-4.5	66	0.00
46 T	1,2-Dichloropropane	0.165	0.185	-12.4	69	0.00
47 T	1,4-Dioxane	0.000	0.000	-33.3#	75	-0.01
48 T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	96	-0.10
49 T	cis-1,3-Dichloropropene	0.237	0.237	0.1	61	0.00
50 T	4-Methyl-2-Pentanone	0.188	0.195	-3.7	64	0.00
51 S	Toluene-d8 (SURR)	1.218	1.313	-7.8	68	0.00
52 T	Toluene	0.680	0.760	-11.8	68	0.00
53 T	trans-1,3-Dichloropropene	0.192	0.181	5.5	58	0.00
54 T	1,1,2-Trichloroethane	0.109	0.109	0.0	63	0.00
55 T	1,3-Dichloropropane	0.176	0.198	-12.4	69	0.00
56 T	Tetrachloroethylene	0.193	0.189	1.8	54	0.00
57 T	2-Hexanone	0.071	0.072	-1.6	62	0.00
58 T	Dibromochloromethane	0.146	0.116	20.5	51	0.00
59 T	1,2-Dibromoethane	0.107	0.101	4.9	60	0.00
60 T	Chlorobenzene	0.458	0.472	-3.1	63	0.00
61 T	1,1,1,2-tetrachloroethane	0.166	0.158	4.9	58	0.00
62 T	Ethyl Benzene	0.738	0.883	-19.6	70	0.00
63 T	p- & m-Xylenes	0.563	0.689	-22.4	71	0.00
64 T	o-Xylene	0.602	0.712	-18.2	71	0.00
65 T	Styrene	0.456	0.492	-7.9	64	0.00
66 T	Bromofrom	0.073	0.049	33.4#	43#	0.00
67 I	1,2-DICHLORO BENZENE-d4 (IST	1.000	1.000	0.0	60	0.00
68 T	p-Ethyltoluene	1.350	1.600	-18.5	69	-0.04
69 T	Isopropylbenzene	1.627	1.903	-17.0	68	0.00
70 S	p-Bromofluorobenzene (SURR)	1.053	1.161	-10.2	67	0.00
71 T	1,1,2,2-Tetrachloroethane	0.237	0.270	-13.6	66	0.00
72 T	Bromobenzene	0.544	0.691	-26.9#	73	0.00
73 T	trans-1,4-Dichloro-2-butene	0.247	0.271	-9.7	61	0.00
74 T	1,2,3-Trichloropropane	0.064	0.071	-11.1	64	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000897.D
 Acq On : 6 May 2016 7:47 pm
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616B Y16D110
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 09:29:26 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
75 T	n-Propylbenzene	1.832	2.388	-30.3#	73	0.00
76 T	2-Chlorotoluene	1.210	1.608	-32.8#	75	0.00
77 T	4-Chlorotoluene	1.129	1.433	-26.9#	73	0.00
78 T	1,3,5-Trimethylbenzene	1.346	1.650	-22.6	71	0.43
79 T	tert-Butylbenzene	1.206	1.342	-11.2	66	0.00
80 T	1,2,4-Trimethylbenzene	1.343	1.651	-22.9	70	0.00
81 T	sec-Butylbenzene	1.640	2.015	-22.8	71	0.00
82 T	1,3-Dichlorobenzene	0.722	0.830	-14.9	66	0.00
83 T	p-Isopropyltoluene	1.456	1.748	-20.0	69	0.00
84 T	1,4-Dichlorobenzene	0.734	0.806	-9.8	65	0.00
85 T	1,2,3-Trimethylbenzene	1.307	1.540	-17.8	68	0.00
86 T	p-Diethylbenzene	0.779	0.982	-26.1#	74	0.00
87 T	1,2-Dichlorobenzene	0.659	0.711	-7.8	64	0.00
88 T	n-Butylbenzene	1.421	2.000	-40.8#	81	0.00
89 T	1,2-Dibromo-3-chloropropane	0.038	0.033	13.1	53	0.00
90 T	1,2,4,5-Tetramethylbenzene	1.356	1.460	-7.7	65	0.00
91 T	1,2,4-Trichlorobenzene	0.348	0.326	6.5	58	0.00
92 T	Hexachloro-1,3-Butadiene	0.143	0.142	0.4	66	0.00
93 T	Naphthalene	0.602	0.521	13.5	53	0.00
94 T	1,2,3-Trichlorobenzene	0.245	0.208	14.9	53	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000897.D
 Acq On : 6 May 2016 7:47 pm
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616B Y16D110
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 09:29:26 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	183281	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	670849	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	303369	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	233579	10.64	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.40%	
51) Toluene-d8 (SURR)	7.715	98	880718	10.78	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	107.80%	
70) p-Bromofluorobenzene (...)	10.504	95	352088	11.02	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	110.20%	
Target Compounds						
2) Dichlorodifluoromethane	1.745	85	126262	9.21	ppb	Qvalue 99
3) Chloromethane	1.956	50	63148	6.50	ppb	94
4) Vinyl Chloride	2.071	62	88186	9.39	ppb	98
5) Bromomethane	2.445	94	38355	11.17	ppb	98
6) Chloroethane	2.553	64	44643	11.33	ppb	98
7) Trichlorofluoromethane	2.810	101	190341	14.07	ppb	100
8) Ethanol	3.097	45	16260	395.92	ppb	100
9) Freon-113	3.334	101	105168	8.80	ppb	94
10) 1,1-Dichloroethylene	3.362	61	187586	9.64	ppb	93
11) Acrolein	3.303	56	11548	9.81	ppb	92
12) Acetone	3.468	43	24383	9.29	ppb	100
13) Iodomethane	3.538	142	90509m	4.68	ppb	99
14) Methyl Acetate	3.772	43	49810	8.82	ppb	100
15) Carbon disulfide	3.596	76	248791	8.77	ppb	97
16) tert-Butyl Alcohol (TBA)	4.012	59	4933	6.26	ppb	84
17) Methylene Chloride	3.878	49	184683	9.95	ppb	96
18) Acrylonitrile	4.151	53	21833m	8.35	ppb	96
19) trans-1,2-Dichloroethy...	4.126	61	178281	9.58	ppb	99
20) tert-Butyl Methyl Ethe...	4.109	73	212886	7.75	ppb	100
21) 1,1-Dichloroethane	4.547	63	234158	9.93	ppb	95
22) Vinyl Acetate	4.569	43	357173	9.82	ppb	97
23) Diisopropyl ether (DIPE)	4.550	45	427618	8.55	ppb	92
24) Ethyl-tert-Butyl ether...	4.899	59	295745	7.31	ppb	73
25) cis-1,2-Dichloroethylene	5.102	61	208593	9.48	ppb	83
26) 2-Butanone	5.130	72	8433	8.28	ppb	50
27) 2,2-Dichloropropane	5.083	77	148493	8.13	ppb	85
28) Tetrahydrofuran	5.389	42	18409	7.78	ppb	
29) Bromochloromethane	5.342	49	101282	9.81	ppb	

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000897.D
 Acq On : 6 May 2016 7:47 pm
 Operator : BK
 Sample : SEQ-CCV1
 Misc : V8050616B Y16D110
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 09:29:26 2016

Quant Method : C:\msdchem\1\methods\V8LO0005.M

Quant Title : Volatile Organics EPA 8260C

QLast Update : Fri Apr 29 10:10:50 2016

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Chloroform	5.403	83	223673	9.48	ppb	# 98
31) 1,1,1-Trichloroethane	5.559	97	187050	8.61	ppb	# 72
32) Cyclohexane	5.587	56	209807	8.82	ppb	# 82
33) 1,1-Dichloropropylene	5.710	75	169017	9.64	ppb	# 72
35) Carbon Tetrachloride	5.707	117	159802	8.14	ppb	# 99
36) tert-Amyl alcohol (TAA)	4.899	59	295745	75.91	ppb	# 54
37) 1,2-Dichloroethane	5.961	62	143923	10.22	ppb	# 98
38) Benzene	5.919	78	476317	9.45	ppb	# 94
39) tert-Amyl methyl ether...	5.978	73	228369	7.37	ppb	# 94
41) Trichloroethylene	6.527	95	124772	10.67	ppb	# 95
42) Methyl Cyclohexane	6.683	83	194164	10.78	ppb	# 82
43) Methyl Methacrylate	6.834	69	44529	10.03	ppb	# 54
44) Dibromomethane	6.904	93	51753	10.42	ppb	# 94
45) Bromodichloromethane	7.043	83	141816	10.45	ppb	# 95
46) 1,2-Dichloropropane	6.764	63	124371	11.24	ppb	# 97
47) 1,4-Dioxane	6.915	88	5617	227.57	ppb	# 94
49) cis-1,3-Dichloropropene	7.467	75	158715	9.99	ppb	# 86
50) 4-Methyl-2-Pentanone	7.601	43	130980	10.37	ppb	# 81
52) Toluene	7.785	91	509924	11.18	ppb	# 98
53) trans-1,3-Dichloropropene	8.030	75	121439	9.45	ppb	# 92
54) 1,1,2-Trichloroethane	8.228	97	72887	10.00	ppb	# 90
55) 1,3-Dichloropropane	8.404	76	132959	11.24	ppb	# 90
56) Tetrachloroethylene	8.340	166	126961	9.82	ppb	# 96
57) 2-Hexanone	8.451	43	48150	10.15	ppb	# 85
58) Dibromochloromethane	8.649	129	78084m	7.95	ppb	# 93
59) 1,2-Dibromoethane	8.775	107	67962	9.51	ppb	# 92
60) Chlorobenzene	9.263	112	316435	10.31	ppb	# 95
61) 1,1,1,2-tetrachloroethane	9.349	131	106112	9.51	ppb	# 99
62) Ethyl Benzene	9.346	91	592379	11.96	ppb	# 98
63) p- & m-Xylenes	9.466	91	924651	24.49	ppb	# 99
64) o-Xylene	9.907	91	477560	11.82	ppb	# 99
65) Styrene	9.929	104	330087	10.79	ppb	# 77
66) Bromofrom	10.191	173	32519	6.66	ppb	# 98
68) p-Ethyltoluene	10.939	105	485365	11.85	ppb	# 99
69) Isopropylbenzene	10.295	105	577360	11.70	ppb	# 96
71) 1,1,2,2-Tetrachloroethane	10.682	83	81798	11.36	ppb	# 69
72) Bromobenzene	10.679	77	209579	12.69	ppb	# 92
73) trans-1,4-Dichloro-2-b...	10.738	75	82269	10.97	ppb	# 57
74) 1,2,3-Trichloropropane	10.735	110	21524	11.12	ppb	# 8
75) n-Propylbenzene	10.749	91	724311	13.03	ppb	# 98
76) 2-Chlorotoluene	10.877	91	487702	13.28	ppb	# 99
77) 4-Chlorotoluene	10.997	91	434766	12.69	ppb	# 100

Data Path : C:\msdchem\1\data\050616\
Data File : V8000897.D
Acq On : 6 May 2016 7:47 pm
Operator : BK
Sample : SEQ-CCV1
Misc : V8050616B Y16D110
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 09:29:26 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration

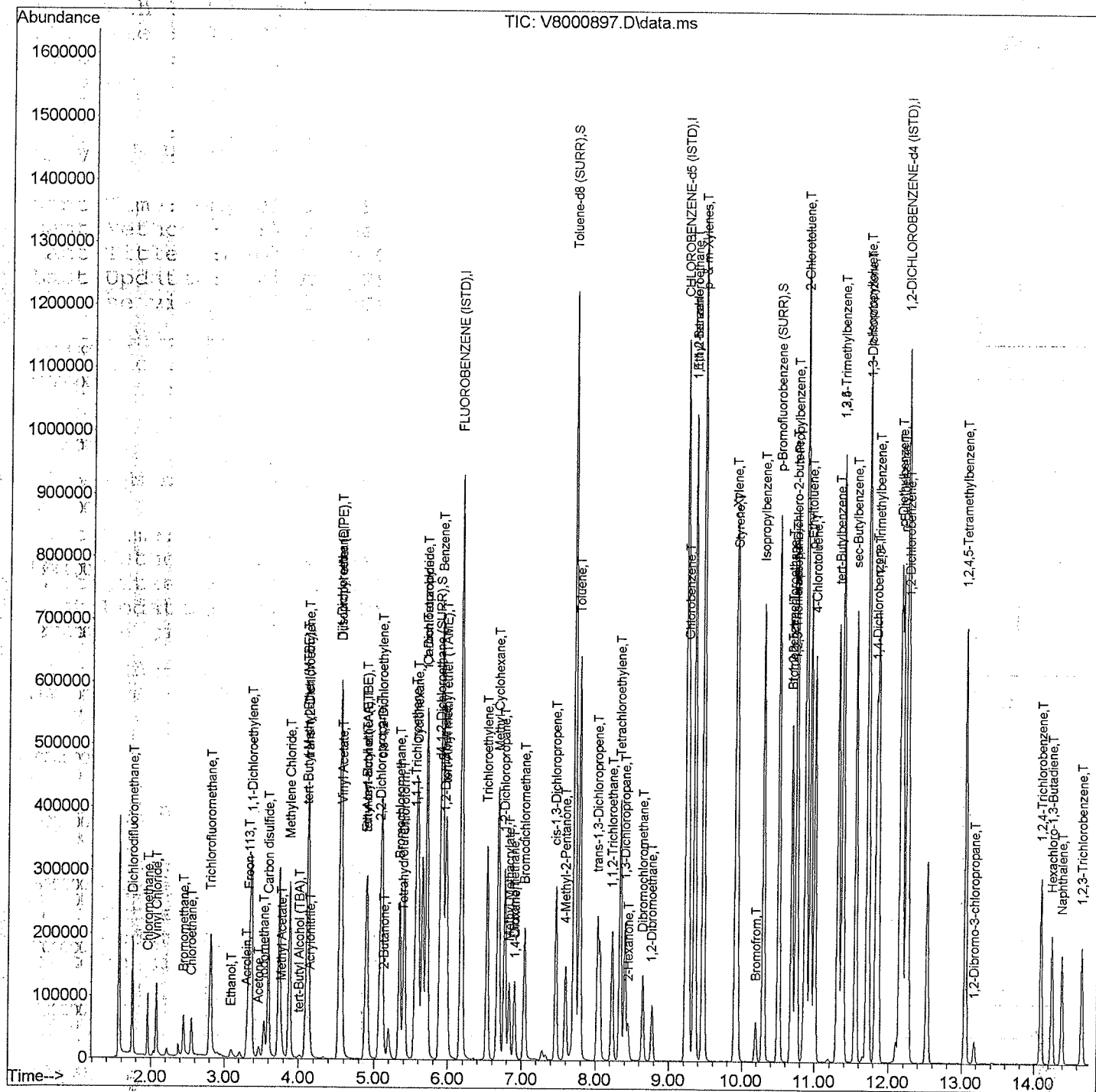
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78)	1,3,5-Trimethylbenzene	11.365	105	500667	12.26	ppb	96
79)	tert-Butylbenzene	11.310	119	407127	11.13	ppb	97
80)	1,2,4-Trimethylbenzene	11.365	105	500998	12.29	ppb	# 82
81)	sec-Butylbenzene	11.552	105	611151	12.28	ppb	98
82)	1,3-Dichlorobenzene	11.722	146	251717	11.49	ppb	97
83)	p-Isopropyltoluene	11.711	119	530232m	12.00	ppb	
84)	1,4-Dichlorobenzene	11.825	146	244492	10.98	ppb	95
85)	1,2,3-Trimethylbenzene	11.856	105	467082	11.78	ppb	95
86)	p-Diethylbenzene	12.149	105	297901	12.61	ppb	# 42
87)	1,2-Dichlorobenzene	12.261	146	215584	10.78	ppb	# 86
88)	n-Butylbenzene	12.180	91	606846	14.07	ppb	90
89)	1,2-Dibromo-3-chloropr...	13.175	75	10111	8.71	ppb	95
90)	1,2,4,5-Tetramethylben...	13.050	119	443079	10.77	ppb	Dev (M) 97
91)	1,2,4-Trichlorobenzene	14.095	180	98824	9.35	ppb	97
92)	Hexachloro-1,3-Butadiene	14.246	225	43206	10.28	ppb	93
93)	Naphthalene	14.391	128	157944	8.65	ppb	98
94)	1,2,3-Trichlorobenzene	14.667	180	63258	8.51	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\data\050616\  
Data File : V8000897.D  
Acq On    : 6 May 2016    7:47 pm  
Operator  : BK  
Sample    : SEQ-CCV1  
Misc      : V8050616B Y16D110  
ALS Vial  : 27    Sample Multiplier: 1
```

Quant Time: May 09 09:29:26 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration



FORM V**ANALYSIS BATCH (SEQUENCE) SUMMARY****EPA 8260C**Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeSequence: Y6E0618Instrument: VOA No. 8Calibration: YD60037

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	Y6E0618-TUN1	V8000871.D	05/06/16 08:13
Calibration Check	Y6E0618-CCV1	V8000872.D	05/06/16 08:43
LCS	BE60298-BS1	V8000873.D	05/06/16 09:18
LCS Dup	BE60298-BSD1	V8000874.D	05/06/16 09:43
Blank	BE60298-BLK1	V8000875.D	05/06/16 10:09
1D	16E0003-04	V8000882.D	05/06/16 13:23
2A	16E0003-05	V8000883.D	05/06/16 13:49
2C	16E0003-07	V8000886.D	05/06/16 15:05
2C	BE60298-MS1	V8000887.D	05/06/16 15:31
2C	BE60298-MSD1	V8000888.D	05/06/16 15:57
Field Duplicate	16E0003-08	V8000890.D	05/06/16 16:48
3A	16E0003-09	V8000891.D	05/06/16 17:13
2B	16E0003-06	V8000892.D	05/06/16 17:39
3B	16E0003-10	V8000893.D	05/06/16 18:04
3C	16E0003-11	V8000894.D	05/06/16 18:30

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260C

Laboratory:York Analytical Laboratories, Inc.

SDG:16E0003

Client:Leggette Brashears & Graham White Plains Office

Project:Deluxe

Sequence:Y6E0619

Instrument:VOA No. 8

Calibration:YD60037

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	Y6E0619-TUN1	V8000848.D	05/05/16 19:57
Calibration Check	Y6E0619-CCV1	V8000849.D	05/05/16 20:23
LCS	BE60261-BS1	V8000850.D	05/05/16 20:48
LCS Dup	BE60261-BSD1	V8000851.D	05/05/16 21:14
Blank	BE60261-BLK1	V8000852.D	05/05/16 21:39
1A	16E0003-01	V8000864.D	05/06/16 02:46
1B	16E0003-02	V8000865.D	05/06/16 03:11
1C	16E0003-03	V8000866.D	05/06/16 03:37

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260C

Laboratory:York Analytical Laboratories, Inc.

SDG:16E0003

Client:Leggette Brashears & Graham White Plains Office

Project:Deluxe

Sequence:Y6E0909

Instrument:VOA No. 8

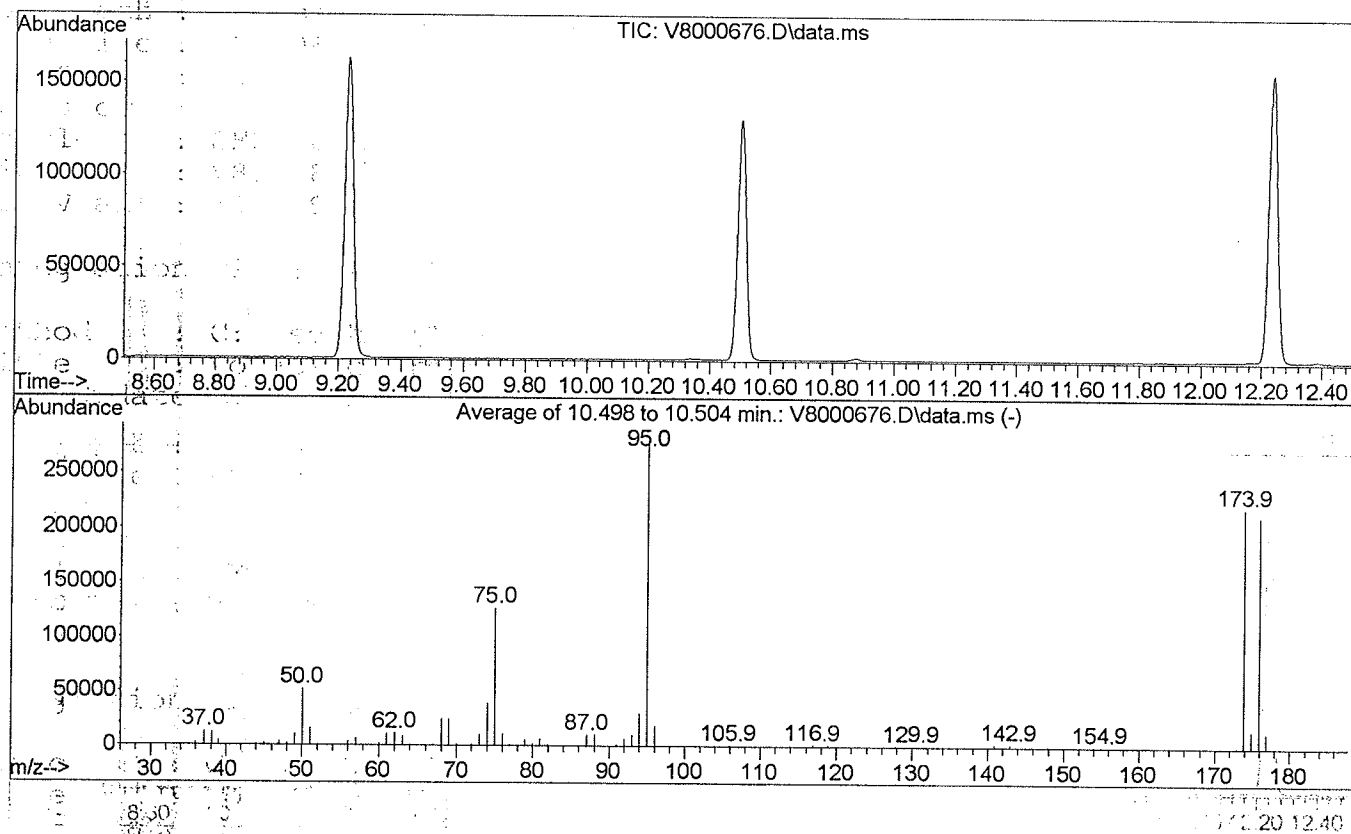
Calibration:YD60037

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
LCS	BE60338-BS1	V8000898.D	05/06/16 20:12
LCS Dup	BE60338-BSD1	V8000899.D	05/06/16 20:38
Blank	BE60338-BLK1	V8000900.D	05/06/16 21:03
4A	16E0003-12	V8000903.D	05/06/16 22:20
4B	16E0003-13	V8000904.D	05/06/16 22:45
4C	16E0003-14	V8000905.D	05/06/16 23:11
5A	16E0003-15	V8000906.D	05/06/16 23:36
5D	16E0003-16	V8000907.D	05/07/16 00:02
6A	16E0003-17	V8000908.D	05/07/16 00:27
6D	16E0003-18	V8000909.D	05/07/16 00:53
7A	16E0003-19	V8000910.D	05/07/16 01:19
7D	16E0003-20	V8000911.D	05/07/16 01:44
Trip Blank	16E0003-21	V8000912.D	05/07/16 02:10
Field Blank	16E0003-22	V8000913.D	05/07/16 02:35

Data Path : C:\msdchem\1\data\042816\
 Data File : V8000676.D
 Acq On : 28 Apr 2016 5:49 pm
 Operator :
 Sample : SEQ-TUN1
 Misc : V8042816A
 ALS Vial : 13 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8LO0004.M
 Title : Volatile Organics EPA 8260C
 Last Update : Wed Mar 09 12:20:47 2016



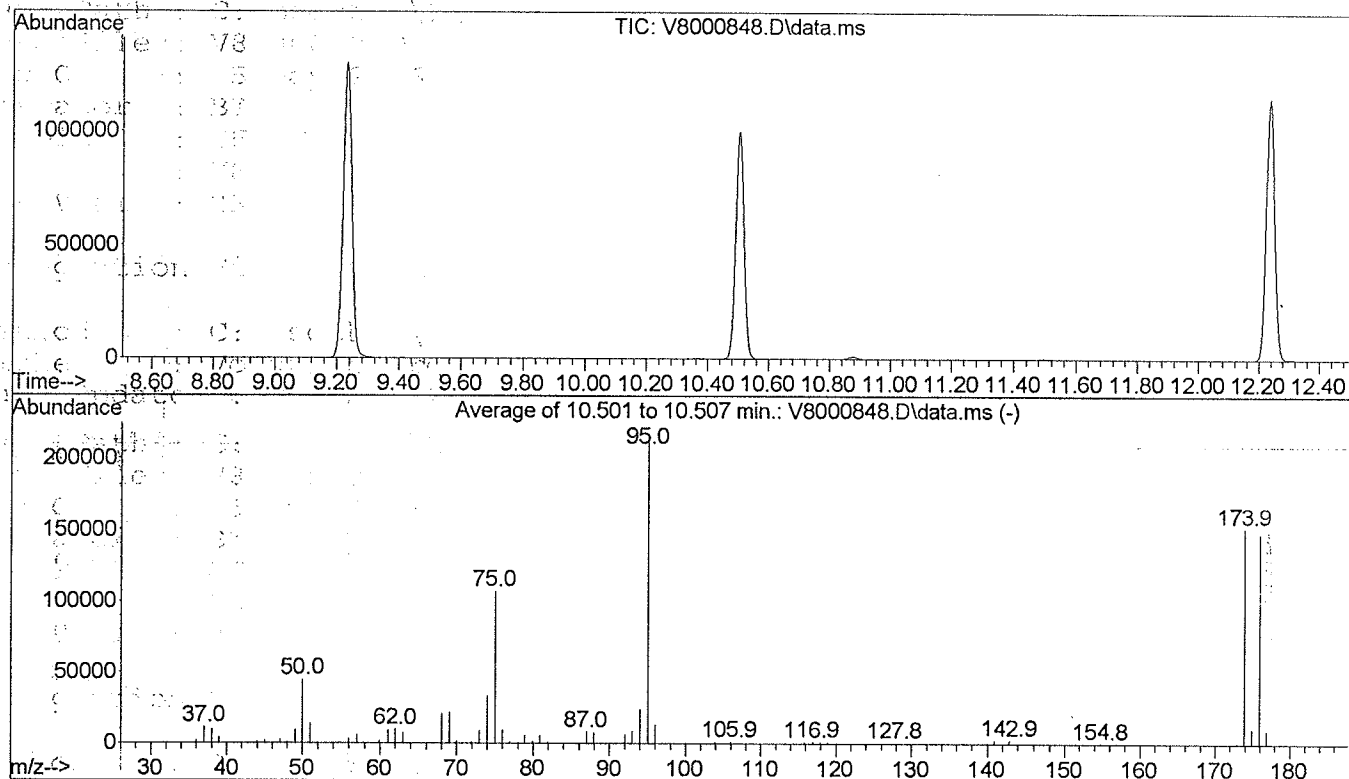
Spectrum Information: Average of 10.498 to 10.504 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	52024	PASS
75	95	30	60	45.2	126493	PASS
95	95	100	100	100.0	279765	PASS
96	95	5	9	6.6	18526	PASS
173	174	0.00	2	0.5	1134	PASS
174	95	50	100	78.8	220416	PASS
175	174	5	9	6.9	15106	PASS
176	174	95	101	96.6	212992	PASS
177	176	5	9	6.4	13720	PASS

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000848.D
 Acq On : 5 May 2016 7:57 pm
 Operator : BK
 Sample : SEQ-TUN1
 Misc : V8050516B
 ALS Vial : 23 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8L00005.M
 Title : Volatile Organics EPA 8260C
 Last Update : Fri Apr 29 10:10:50 2016



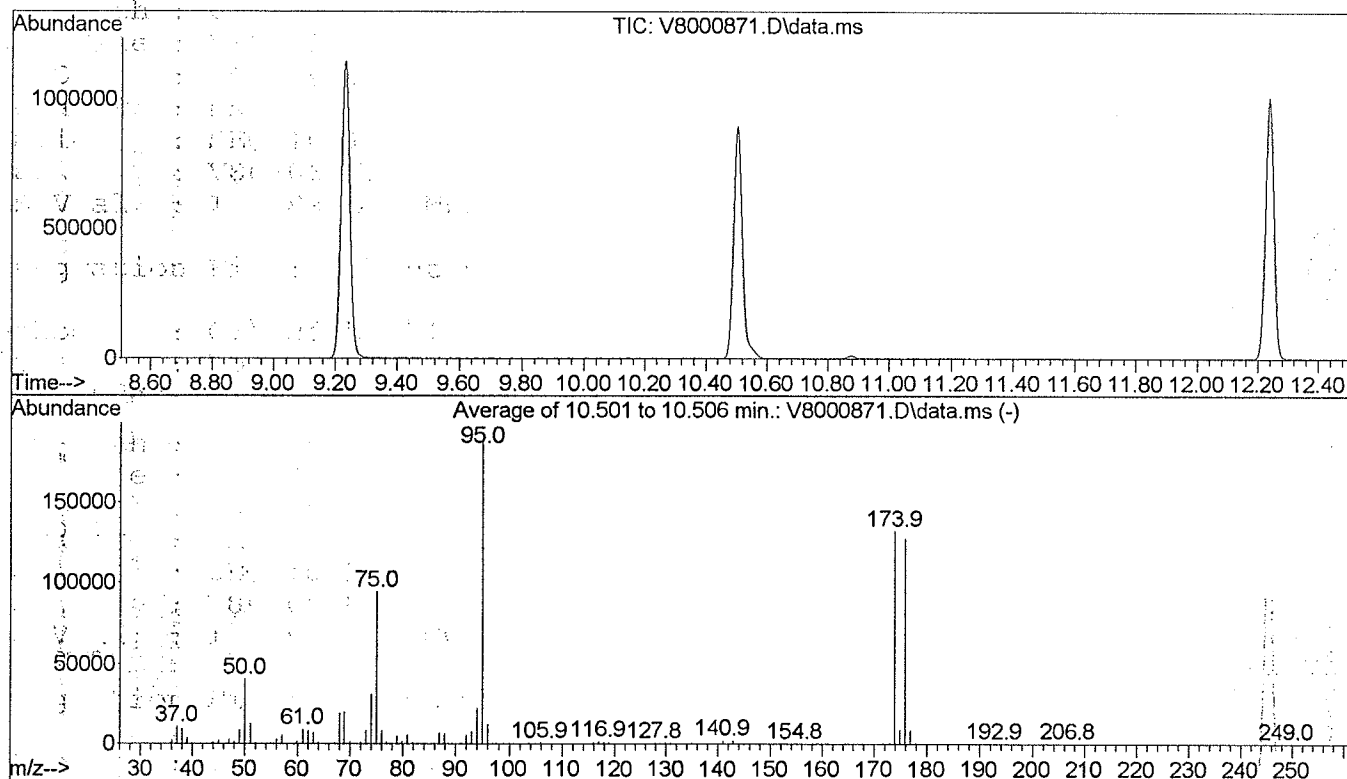
Spectrum Information: Average of 10.501 to 10.507 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.0	44920	PASS
75	95	30	60	49.8	106709	PASS
95	95	100	100	100.0	214187	PASS
96	95	5	9	6.2	13328	PASS
173	174	0.00	2	0.5	738	PASS
174	95	50	100	70.9	151851	PASS
175	174	5	9	6.9	10550	PASS
176	174	95	101	97.2	147669	PASS
177	176	5	9	6.3	9286	PASS

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000871.D
 Acq On : 6 May 2016 8:13 am
 Operator : BK
 Sample : SEQ-TUN1
 Misc : V8050616A
 ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8L00005.M
 Title : Volatile Organics EPA 8260C
 Last Update : Fri Apr 29 10:10:50 2016



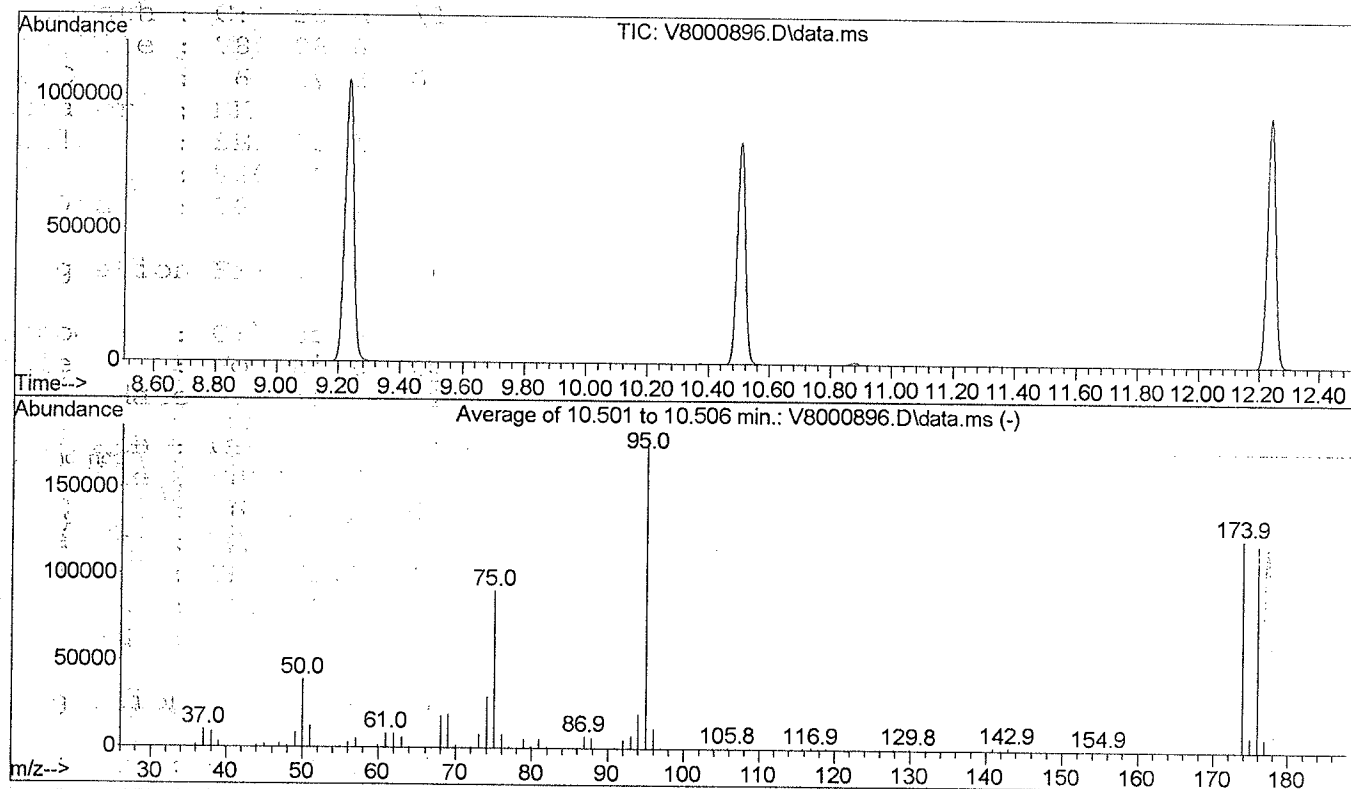
Spectrum Information: Average of 10.501 to 10.506 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.3	40381	PASS
75	95	30	60	49.8	94517	PASS
95	95	100	100	100.0	189979	PASS
96	95	5	9	6.3	12053	PASS
173	174	0.00	2	0.5	699	PASS
174	95	50	100	69.6	132245	PASS
175	174	5	9	6.8	9015	PASS
176	174	95	101	96.6	127709	PASS
177	176	5	9	6.6	8471	PASS

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000896.D
 Acq On : 6 May 2016 7:21 pm
 Operator : BK
 Sample : SEQ-TUN1
 Misc : V8050616B
 ALS Vial : 26 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8L00005.M
 Title : Volatile Organics EPA 8260C
 Last Update : Fri Apr 29 10:10:50 2016



Spectrum Information: Average of 10.501 to 10.506 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.0	39069	PASS
75	95	30	60	51.4	91040	PASS
95	95	100	100	100.0	177237	PASS
96	95	5	9	6.5	11582	PASS
173	174	0.00	2	0.5	624	PASS
174	95	50	100	69.1	122541	PASS
175	174	5	9	6.9	8483	PASS
176	174	95	101	98.0	120061	PASS
177	176	5	9	6.8	8144	PASS

FORM I**METHOD BLANK DATA SHEET****EPA 8260C**

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
Matrix: Water Laboratory ID: BE60261-BLK1 File ID: V8000852.D
Prepared: 05/05/16 16:52 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
Analyzed: 05/05/16 21:39 Instrument: VOA No. 8
Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
75-35-4	1,1-Dichloroethylene	0.50	U
563-58-6	1,1-Dichloropropylene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.34	J
96-18-4	1,2,3-Trichloropropane	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
78-93-3	2-Butanone	2.0	U
95-49-8	2-Chlorotoluene	0.50	U
591-78-6	2-Hexanone	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
108-10-1	4-Methyl-2-pentanone	0.50	U
67-64-1	Acetone	2.0	U
71-43-2	Benzene	0.50	U

FORM I

METHOD BLANK DATA SHEET
EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: BE60261-BLK1 File ID: V8000852.D
 Prepared: 05/05/16 16:52 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Analyzed: 05/05/16 21:39 Instrument: VOA No. 8
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-86-1	Bromobenzene	0.50	U
74-97-5	Bromochloromethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
75-25-2	Bromoform	0.50	U
74-83-9	Bromomethane	0.50	U
75-15-0	Carbon disulfide	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
108-90-7	Chlorobenzene	0.50	U
75-00-3	Chloroethane	0.50	U
67-66-3	Chloroform	0.50	U
74-87-3	Chloromethane	0.50	U
156-59-2	cis-1,2-Dichloroethylene	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	0.50	U
124-48-1	Dibromochloromethane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-71-8	Dichlorodifluoromethane	0.50	U
100-41-4	Ethyl Benzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
98-82-8	Isopropylbenzene	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
75-09-2	Methylene chloride	2.0	U
91-20-3	Naphthalene	2.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	p- & m- Xylenes	1.0	U
105-05-5	p-Diethylbenzene	0.50	U
622-96-8	p-Ethyltoluene	0.50	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U

FORM I

METHOD BLANK DATA SHEET
EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003

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

Matrix: Water Laboratory ID: BE60261-BLK1 File ID: V8000852.D

Prepared: 05/05/16 16:52 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Analyzed: 05/05/16 21:39 Instrument: VOA No. 8

Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
100-42-5	Styrene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.2	112	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.1	111	79 - 122	

Data Path : C:\msdchem\1\data\050516\
Data File : V8000852.D
Acq On : 5 May 2016 9:39 pm
Operator : BK
Sample : BE60261-BLK1
Misc : V8050516B
ALS Vial : 27 Sample Multiplier: 1

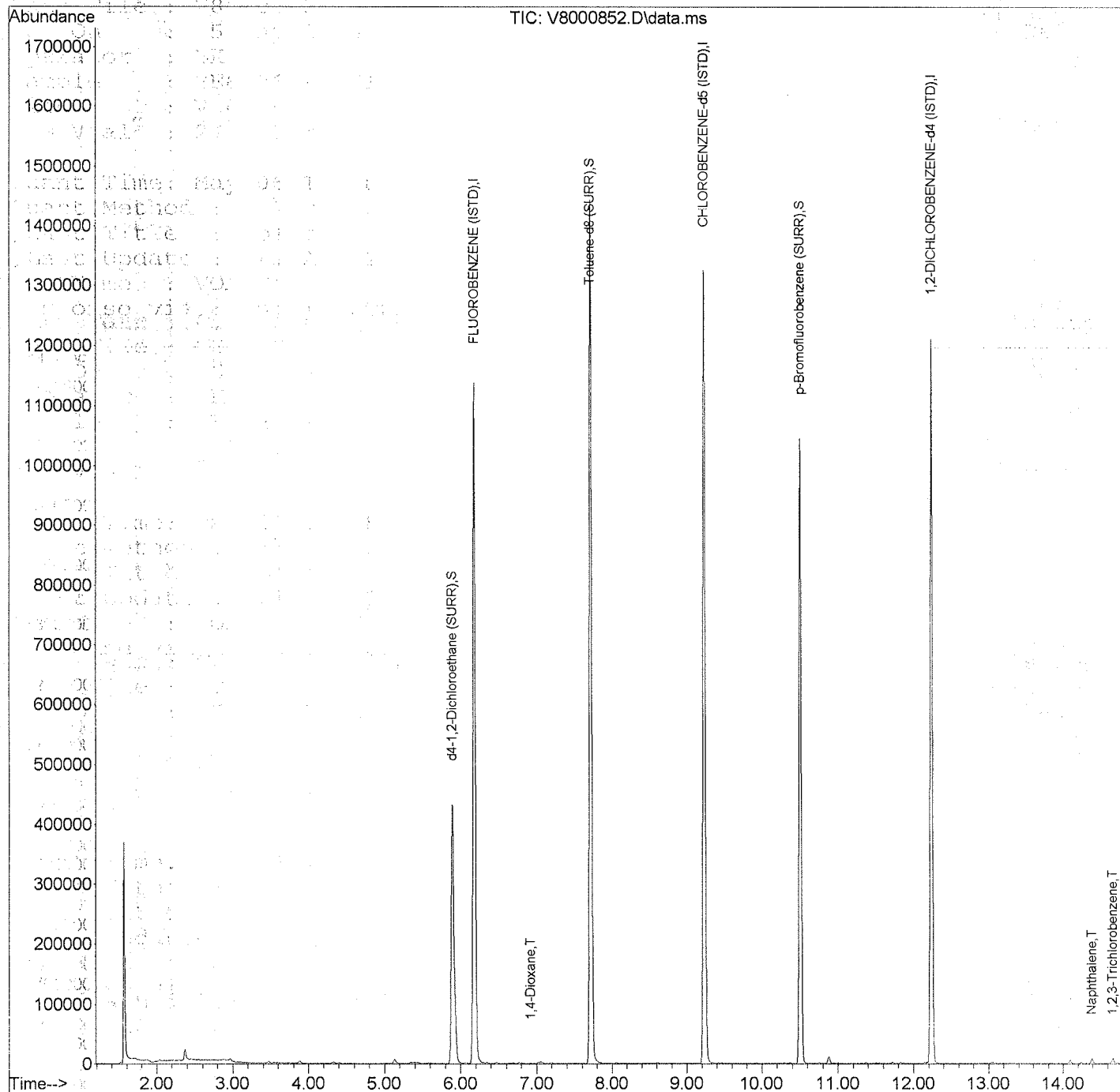
Quant Time: May 06 13:58:50 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration

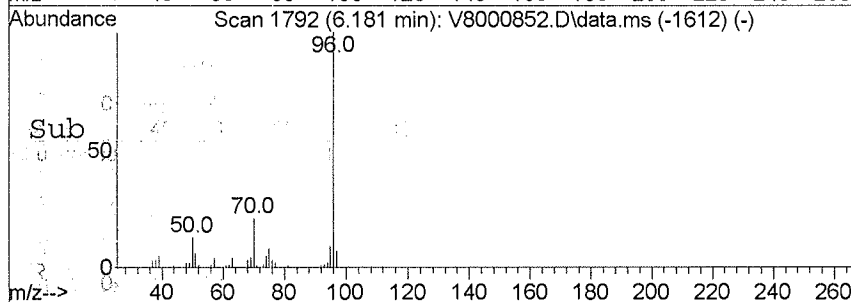
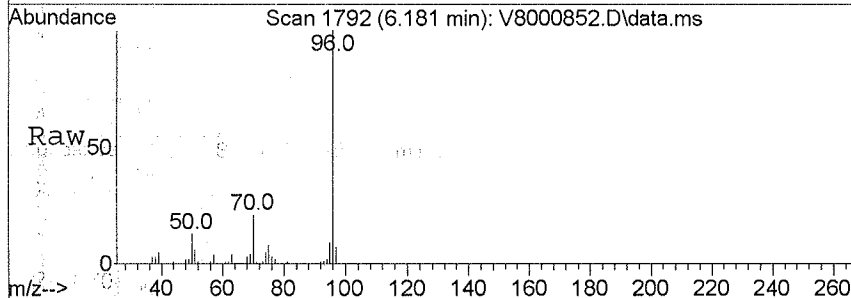
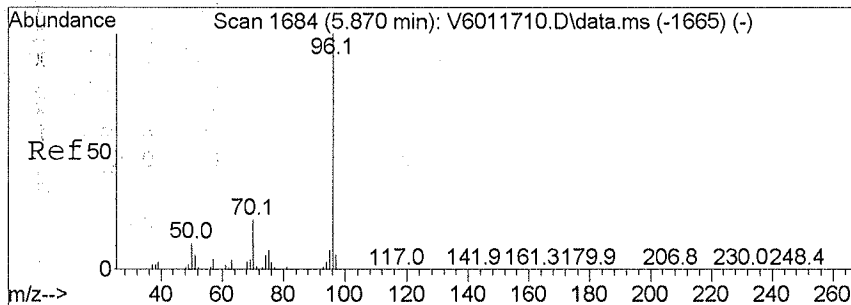
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	220606	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	840003	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	364189	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	297163	11.25	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	112.50%
51) Toluene-d8 (SURR)	7.718	98	1082089	10.58	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	105.80%
70) p-Bromofluorobenzene (...)	10.504	95	426316	11.12	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	111.20%
Target Compounds						
12) Acetone	3.474	43	3782	Below Cal		97
13) Iodomethane	3.535	142	965	Below Cal		95
17) Methylene Chloride	3.878	49	2356	Below Cal		86
26) 2-Butanone	5.130	72	1663	Below Cal	#	1
47) 1,4-Dioxane	6.923	88	388	36.43	ppb	92
93) Naphthalene	14.388	128	8118	0.37	ppb	96
94) 1,2,3-Trichlorobenzene	14.667	180	3029	0.34	ppb	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050516\
Data File : V8000852.D
Acq On : 5 May 2016 9:39 pm
Operator : BK
Sample : BE60261-BLK1
Misc : V8050516B
ALS Vial : 27 Sample Multiplier: 1

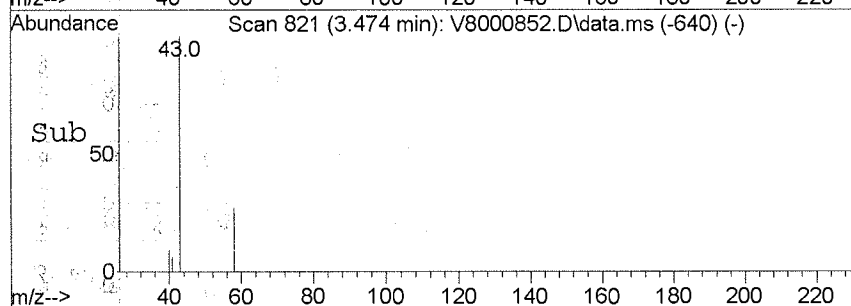
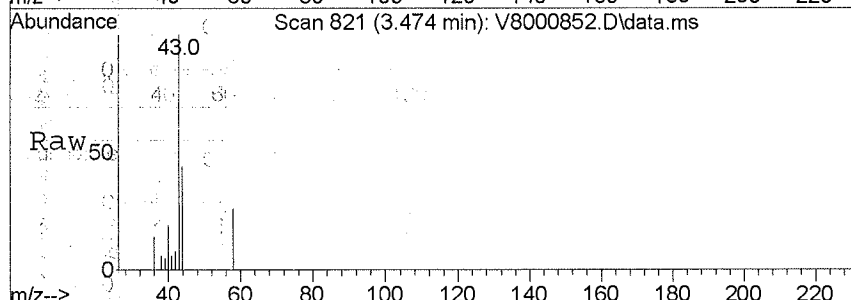
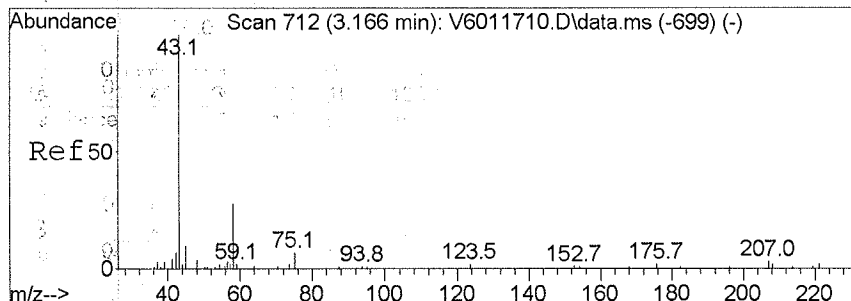
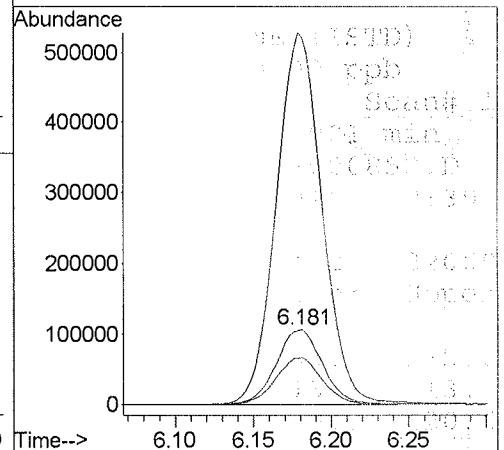
Quant Time: May 06 13:58:50 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





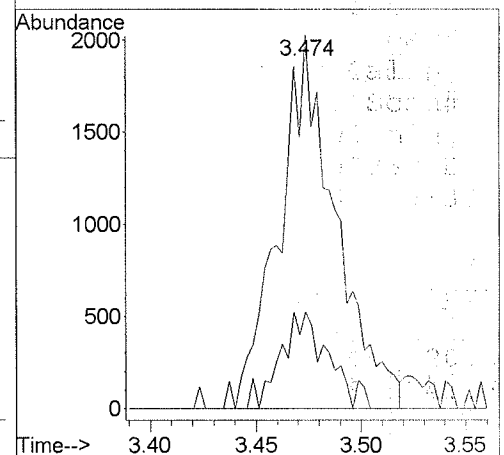
#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 6.181 min Scan# 1792
Delta R.T. 0.001 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

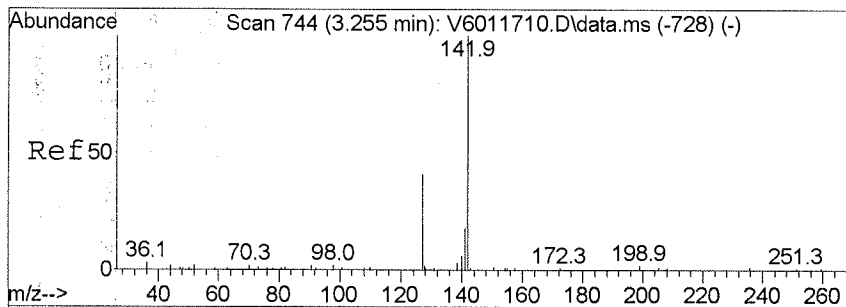
Tgt Ion	Ratio	Lower	Upper
70	100		
70	100.0	65.0	135.0
96	491.7	343.3	713.1
50	62.6	0.0	120.6



#12
Acetone
Concen: Below Cal
RT: 3.474 min Scan# 821
Delta R.T. 0.004 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

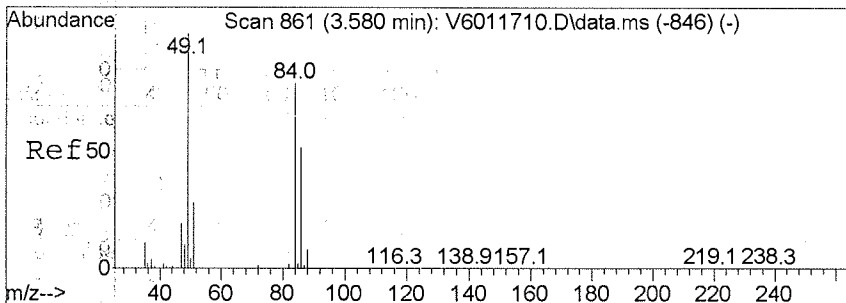
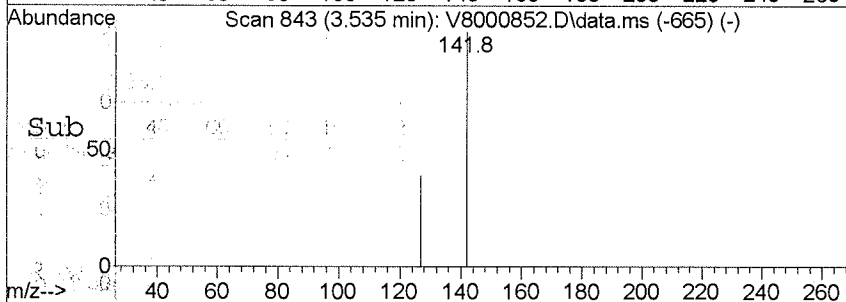
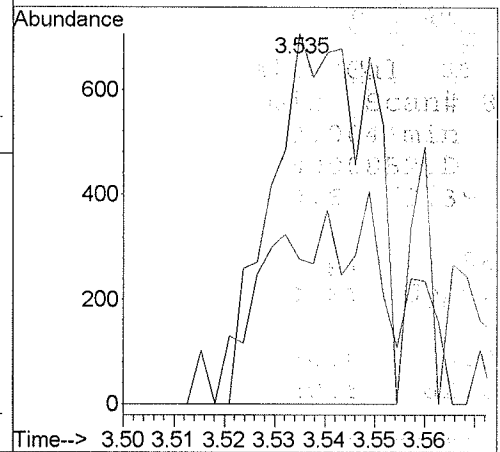
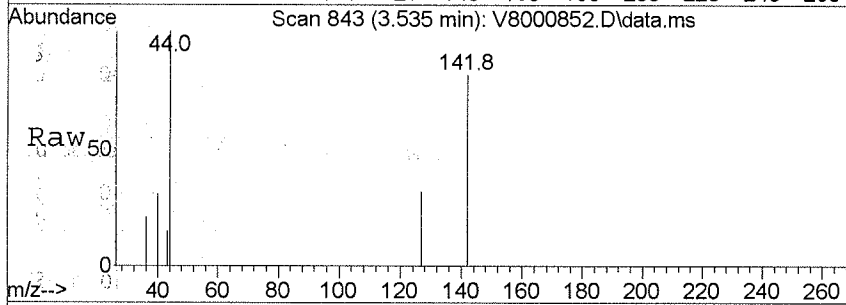
Tgt Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	20.0	13.9	41.6





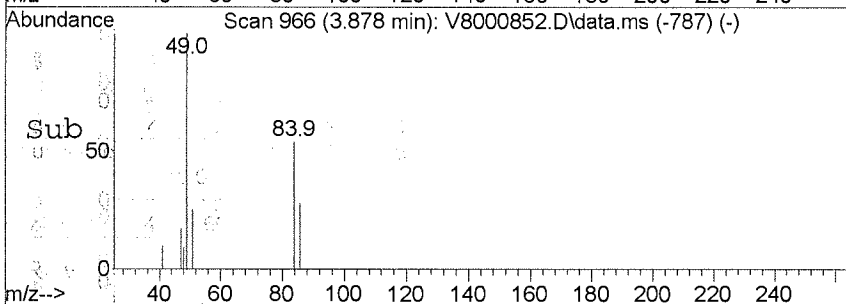
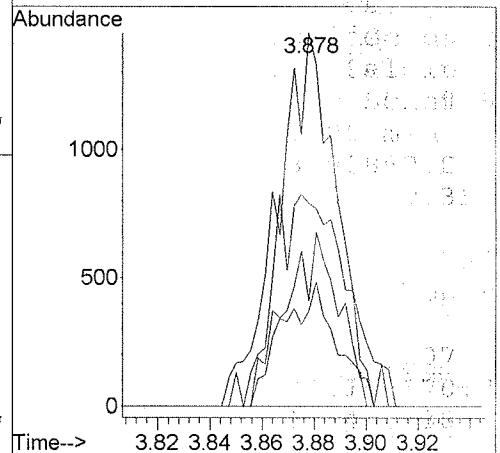
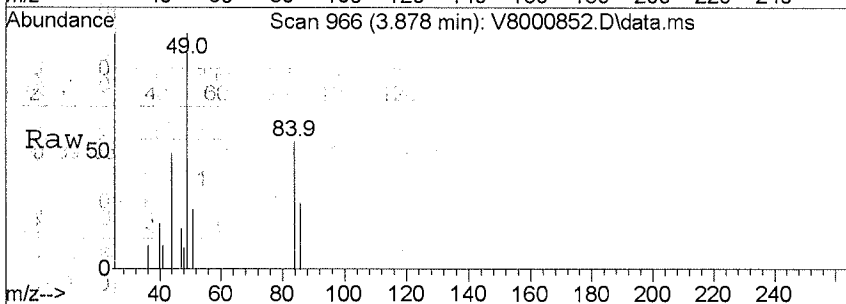
#13
Iodomethane
Concen: Below Cal
RT: 3.535 min Scan# 843
Delta R.T. -0.004 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

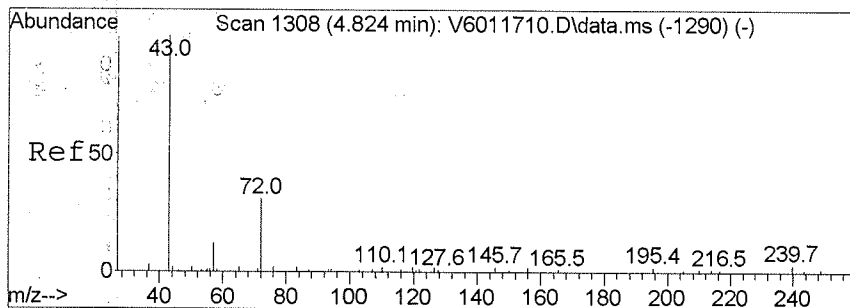
Tgt Ion:142 Resp: 965
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 30.7 20.8 62.2



#17
Methylene Chloride
Concen: Below Cal
RT: 3.878 min Scan# 966
Delta R.T. 0.000 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

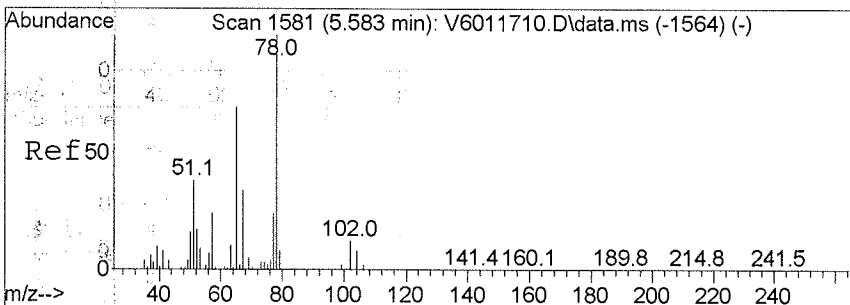
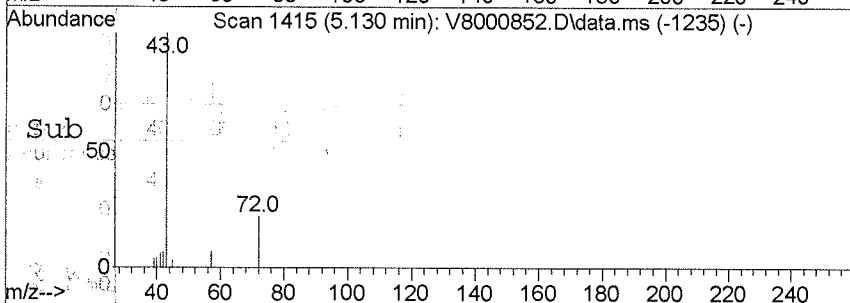
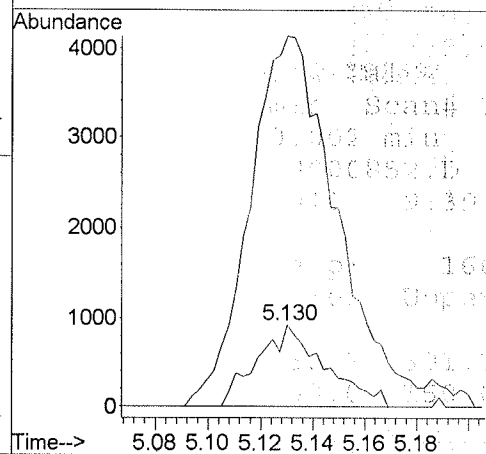
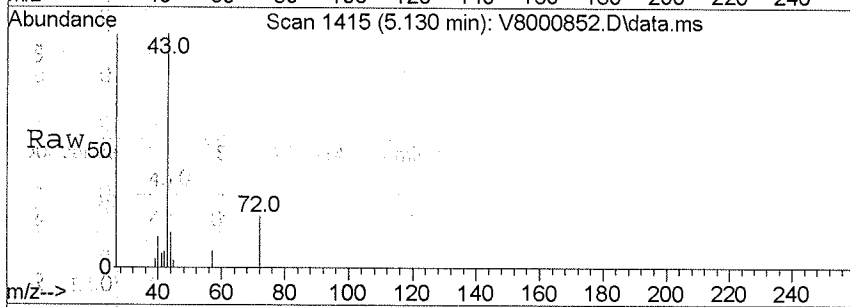
Tgt Ion: 49 Resp: 2356
Ion Ratio Lower Upper
49 100
84 63.8 51.5 107.1
86 41.6 34.1 70.7
51 28.9 18.4 38.2





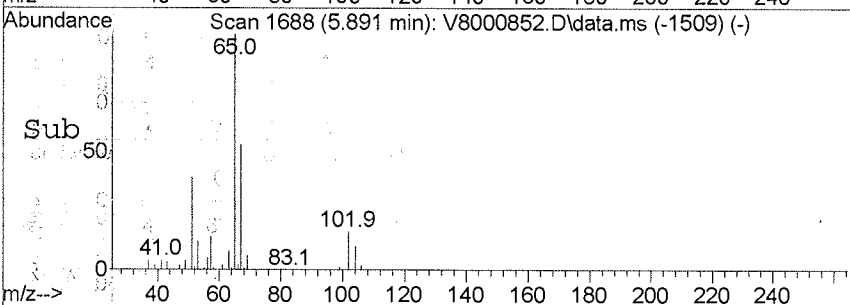
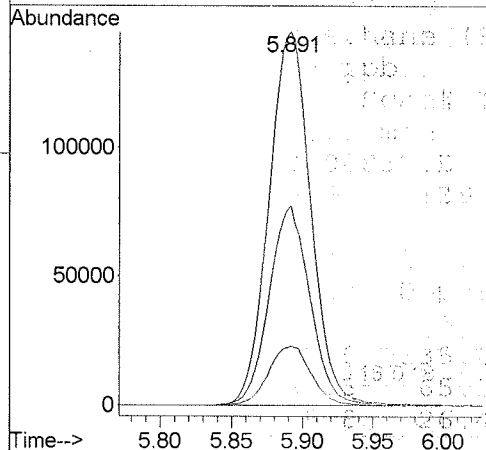
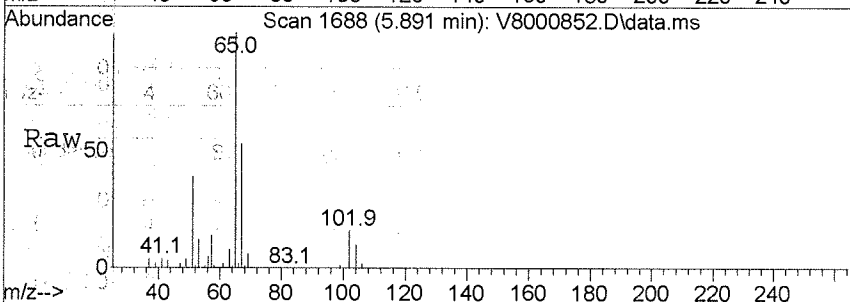
#26
2-Butanone
Concen: Below Cal
RT: 5.130 min Scan# 1415
Delta R.T. 0.002 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

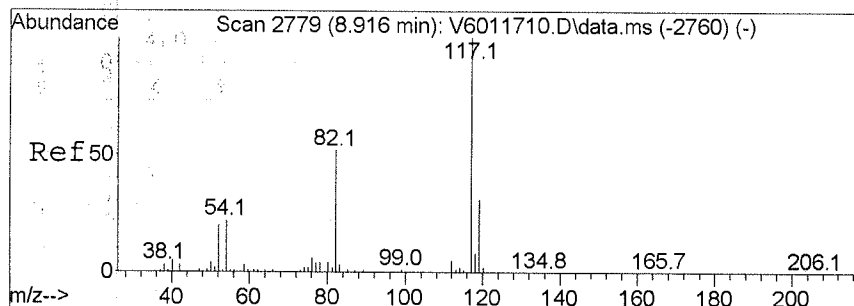
Tgt Ion: 72 Resp: 1663
Ion Ratio Lower Upper
72 100
43 0.0 260.7 391.1#
72 100.0 50.0 150.0



#34
d4-1,2-Dichloroethane (Surr)
Concen: 11.25 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.000 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

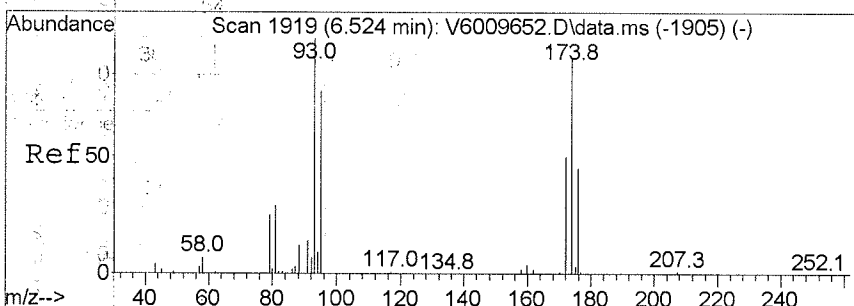
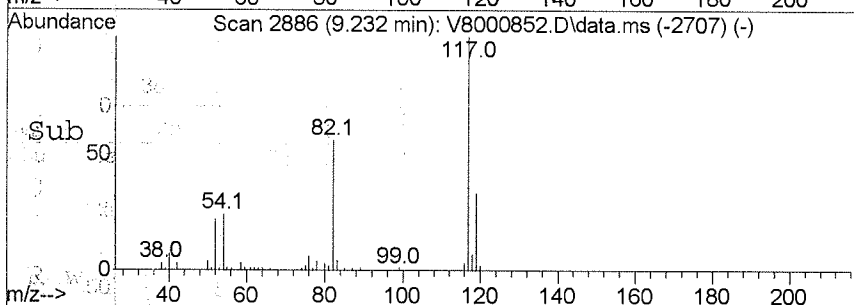
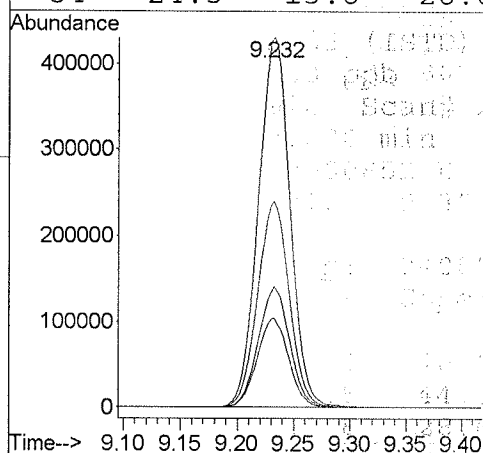
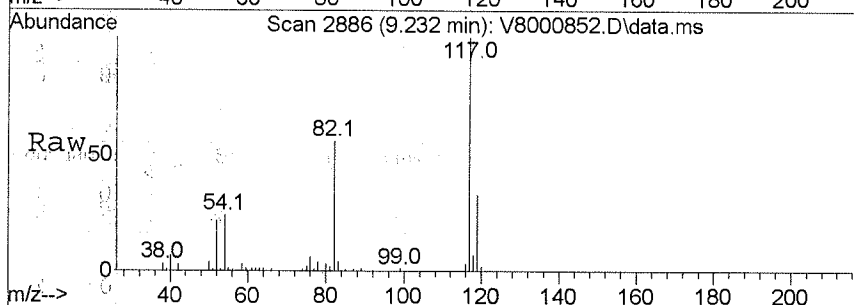
Tgt Ion: 65 Resp: 297163
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 51.9 31.3 65.1
102 15.9 8.8 26.4





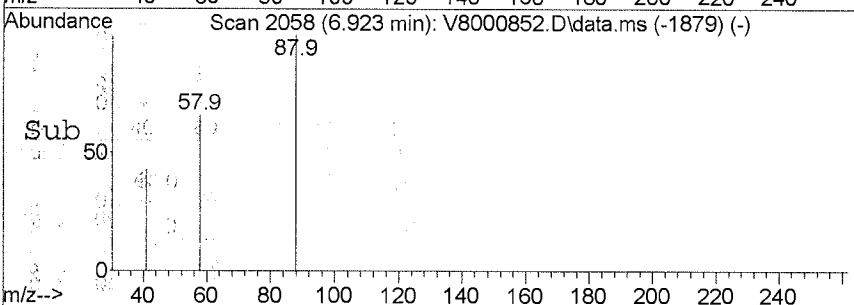
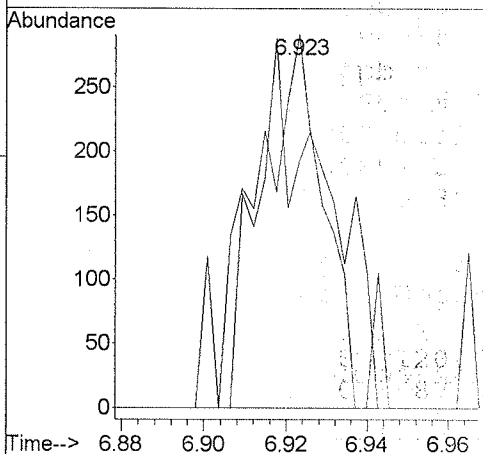
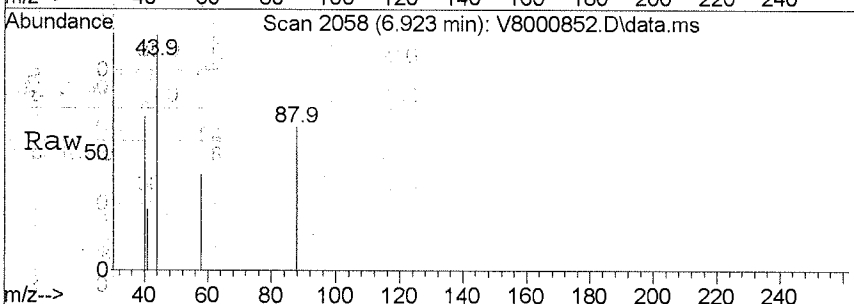
#40
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

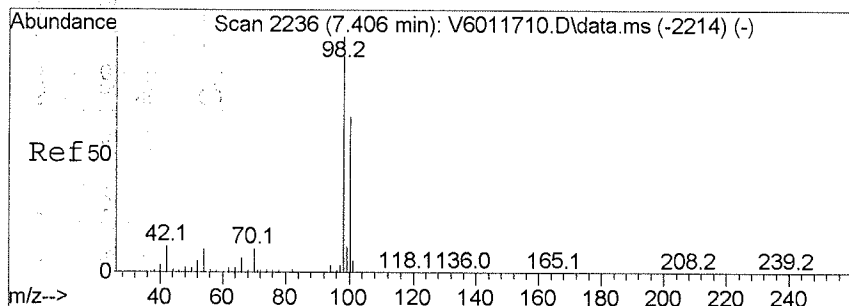
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.8	34.0	70.6
119	32.5	21.5	44.7
54	24.3	13.8	28.6



#47
1,4-Dioxane
Concen: 36.43 ppb
RT: 6.923 min Scan# 2058
Delta R.T. -0.002 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

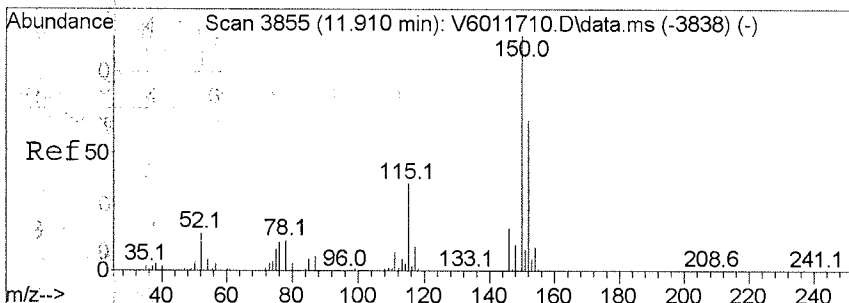
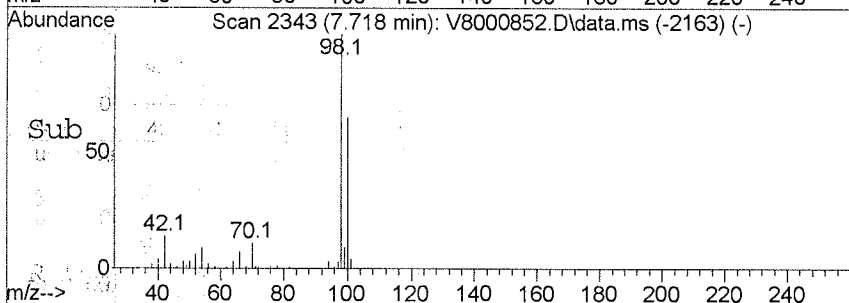
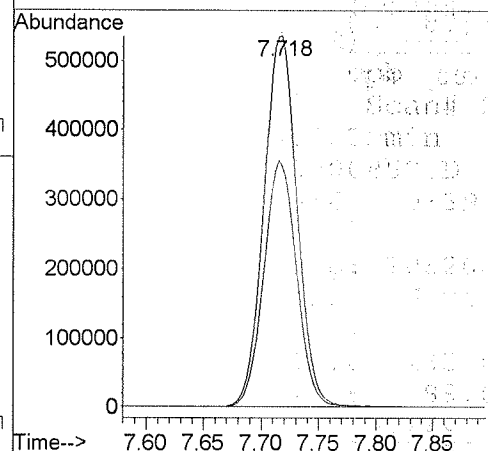
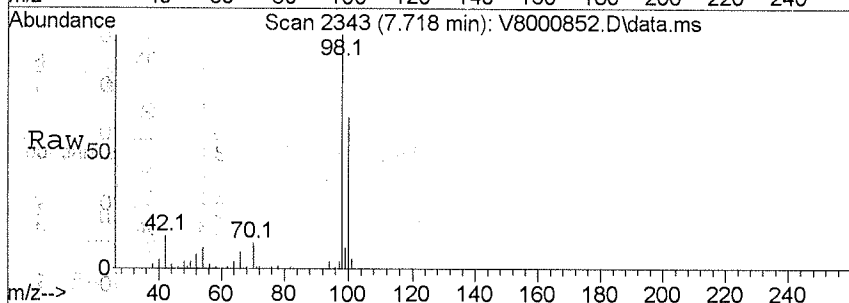
Tgt Ion	Ratio	Lower	Upper
88	100		
88	100.0	80.0	120.0
58	75.0	29.0	87.0





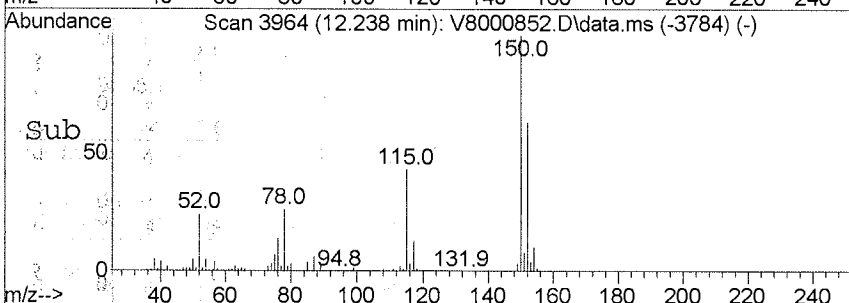
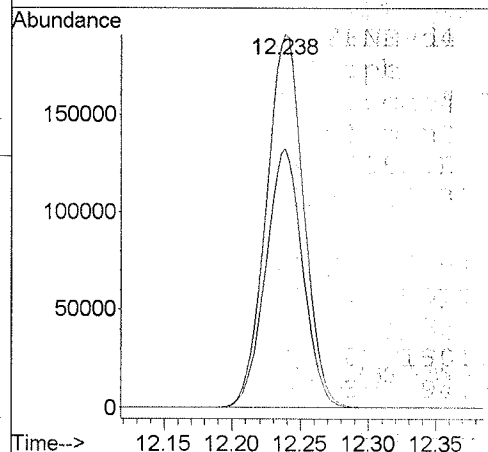
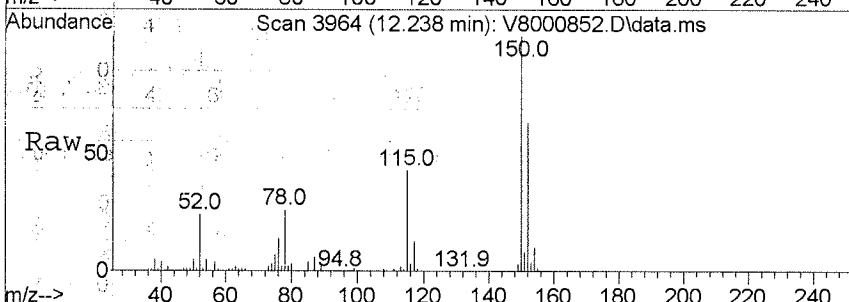
#51
Toluene-d8 (SURR)
Concen: 10.58 ppb
RT: 7.718 min Scan# 2343
Delta R.T. 0.003 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

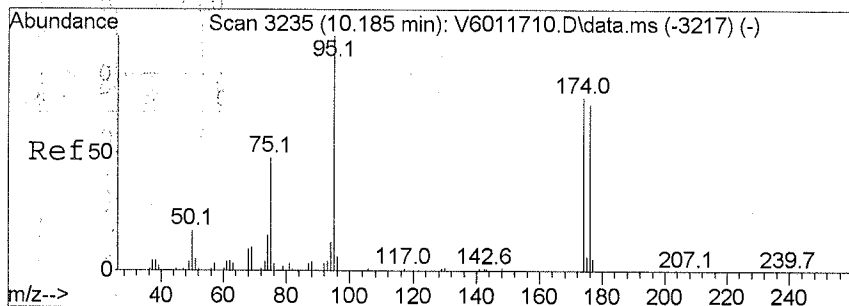
Tgt Ion: 98 Resp: 1082089
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 65.7 42.8 89.0



#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

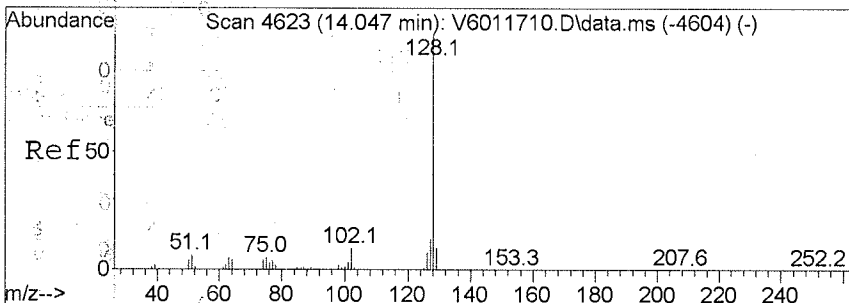
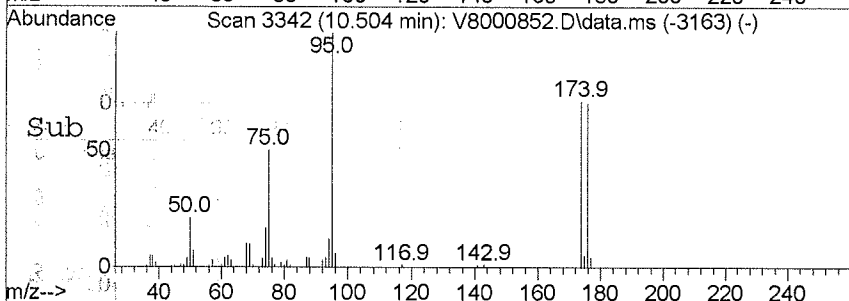
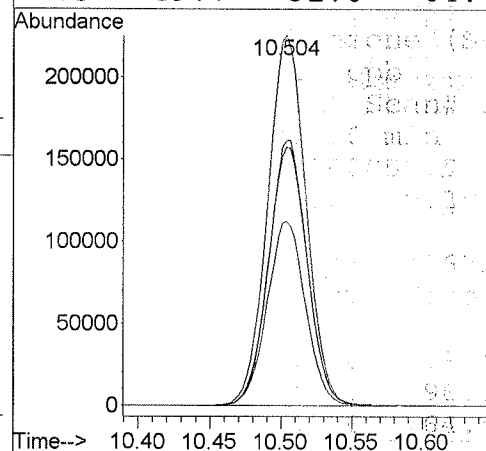
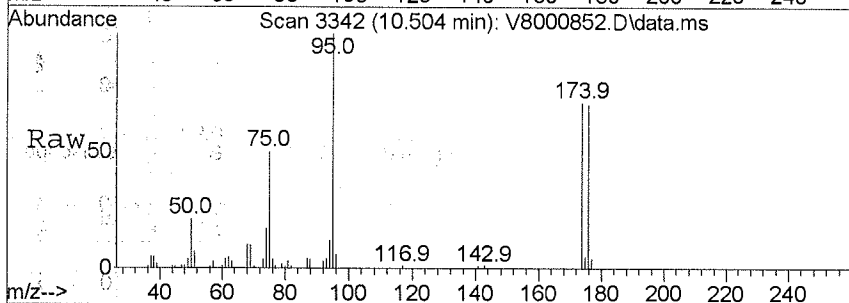
Tgt Ion: 152 Resp: 364189
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 68.6 31.5 94.5





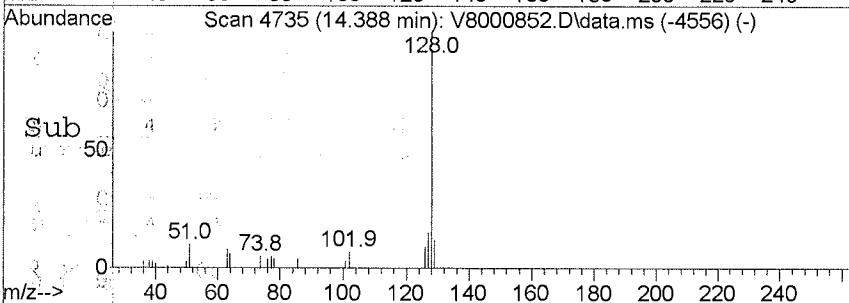
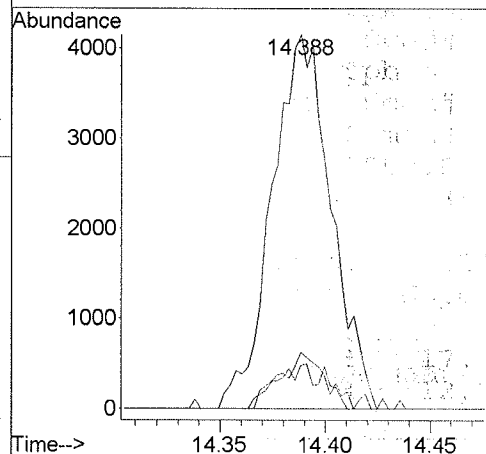
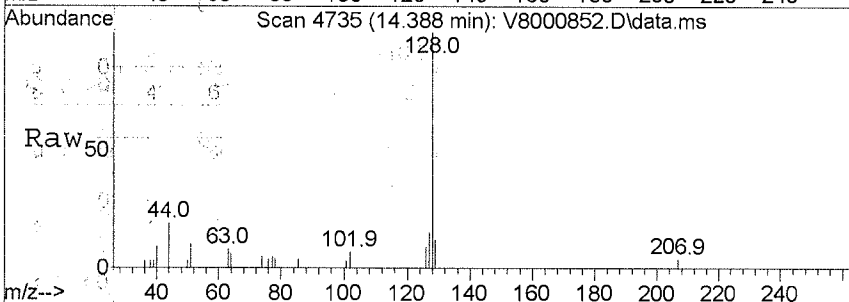
#70
p-Bromofluorobenzene (Surr)
Concen: 11.12 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

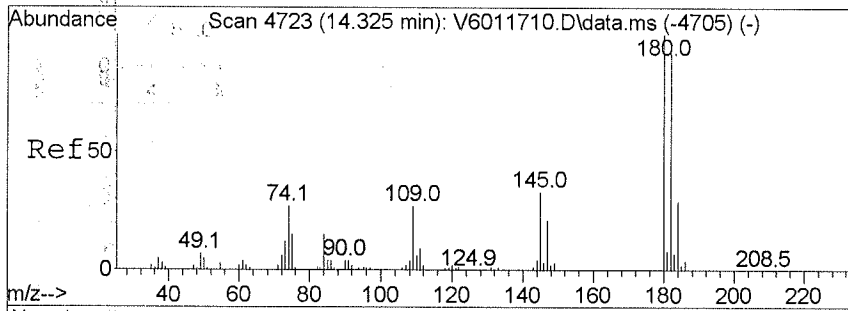
Tgt Ion: 95 Resp: 426316
Ion Ratio Lower Upper
95 100
174 71.7 47.8 99.4
176 70.0 46.3 96.1
75 49.7 31.0 64.4



#93
Naphthalene
Concen: 0.37 ppb
RT: 14.388 min Scan# 4735
Delta R.T. 0.000 min
Lab File: V8000852.D
Acq: 5 May 2016 9:39 pm

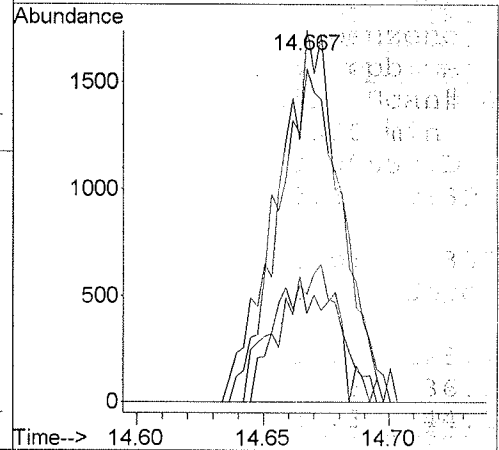
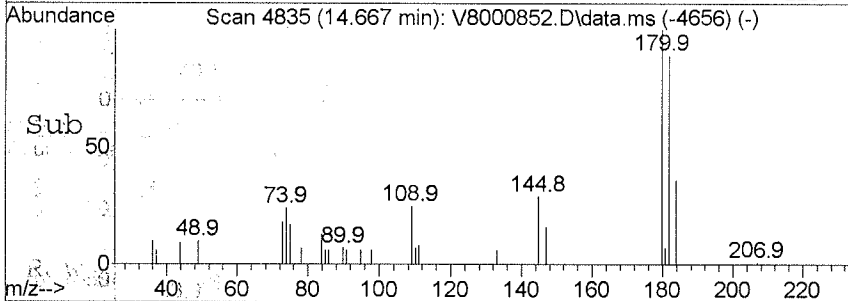
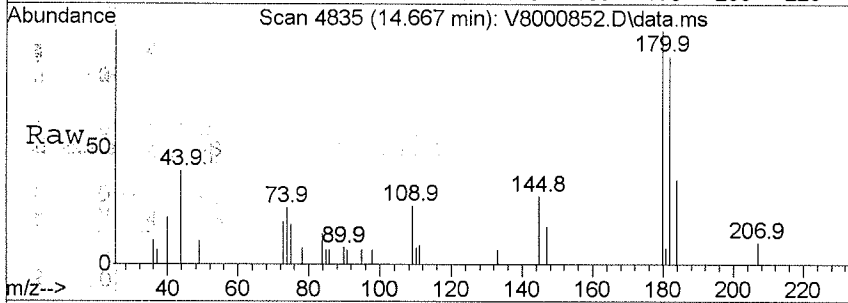
Tgt Ion: 128 Resp: 8118
Ion Ratio Lower Upper
128 100
127 11.7 8.5 17.6
129 7.6 6.1 12.7





#94
 1,2,3-Trichlorobenzene
 Concen: 0.34 ppb
 RT: 14.667 min Scan# 4835
 Delta R.T. 0.000 min
 Lab File: V8000852.D
 Acq: 5 May 2016 9:39 pm

Tgt Ion:180 Resp: 3029
 Ion Ratio Lower Upper
 180 100
 182 92.0 60.5 125.7
 74 23.5 17.6 36.6
 145 12.1 21.3 44.1#



FORM I**METHOD BLANK DATA SHEET****EPA 8260C**

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
Matrix: Water Laboratory ID: BE60298-BLK1 File ID: V8000875.D
Prepared: 05/06/16 08:30 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
Analyzed: 05/06/16 10:09 Instrument: VOA No. 8
Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
75-35-4	1,1-Dichloroethylene	0.50	U
563-58-6	1,1-Dichloropropylene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.35	J
96-18-4	1,2,3-Trichloropropane	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
78-93-3	2-Butanone	2.0	U
95-49-8	2-Chlorotoluene	0.50	U
591-78-6	2-Hexanone	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
108-10-1	4-Methyl-2-pentanone	0.50	U
67-64-1	Acetone	2.0	U
71-43-2	Benzene	0.50	U

FORM I

METHOD BLANK DATA SHEET
EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: BE60298-BLK1 File ID: V8000875.D
 Prepared: 05/06/16 08:30 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Analyzed: 05/06/16 10:09 Instrument: VOA No. 8
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-86-1	Bromobenzene	0.50	U
74-97-5	Bromochloromethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
75-25-2	Bromoform	0.50	U
74-83-9	Bromomethane	0.50	U
75-15-0	Carbon disulfide	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
108-90-7	Chlorobenzene	0.50	U
75-00-3	Chloroethane	0.50	U
67-66-3	Chloroform	0.50	U
74-87-3	Chloromethane	0.50	U
156-59-2	cis-1,2-Dichloroethylene	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	0.50	U
124-48-1	Dibromochloromethane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-71-8	Dichlorodifluoromethane	0.50	U
100-41-4	Ethyl Benzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
98-82-8	Isopropylbenzene	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
75-09-2	Methylene chloride	2.0	U
91-20-3	Naphthalene	2.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	p- & m- Xylenes	1.0	U
105-05-5	p-Diethylbenzene	0.50	U
622-96-8	p-Ethyltoluene	0.50	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:York Analytical Laboratories, Inc.SDG:16E0003

Client:Leggette Brashears & Graham White Plains OfficeProject:Deluxe

Matrix:WaterLaboratory ID:BE60298-BLK1File ID:V8000875.D

Prepared:05/06/16 08:30Preparation:EPA 5030BInitial/Final:25 mL / 25 mL

Analyzed:05/06/16 10:09Instrument:VOA No. 8

Batch:BE60298Sequence:Y6E0618Calibration:YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
100-42-5	Styrene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.0	110	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000875.D
 Acq On : 6 May 2016 10:09 am
 Operator : BK
 Sample : BE60298-BLK1
 Misc : V8050616A
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 06 13:18:27 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

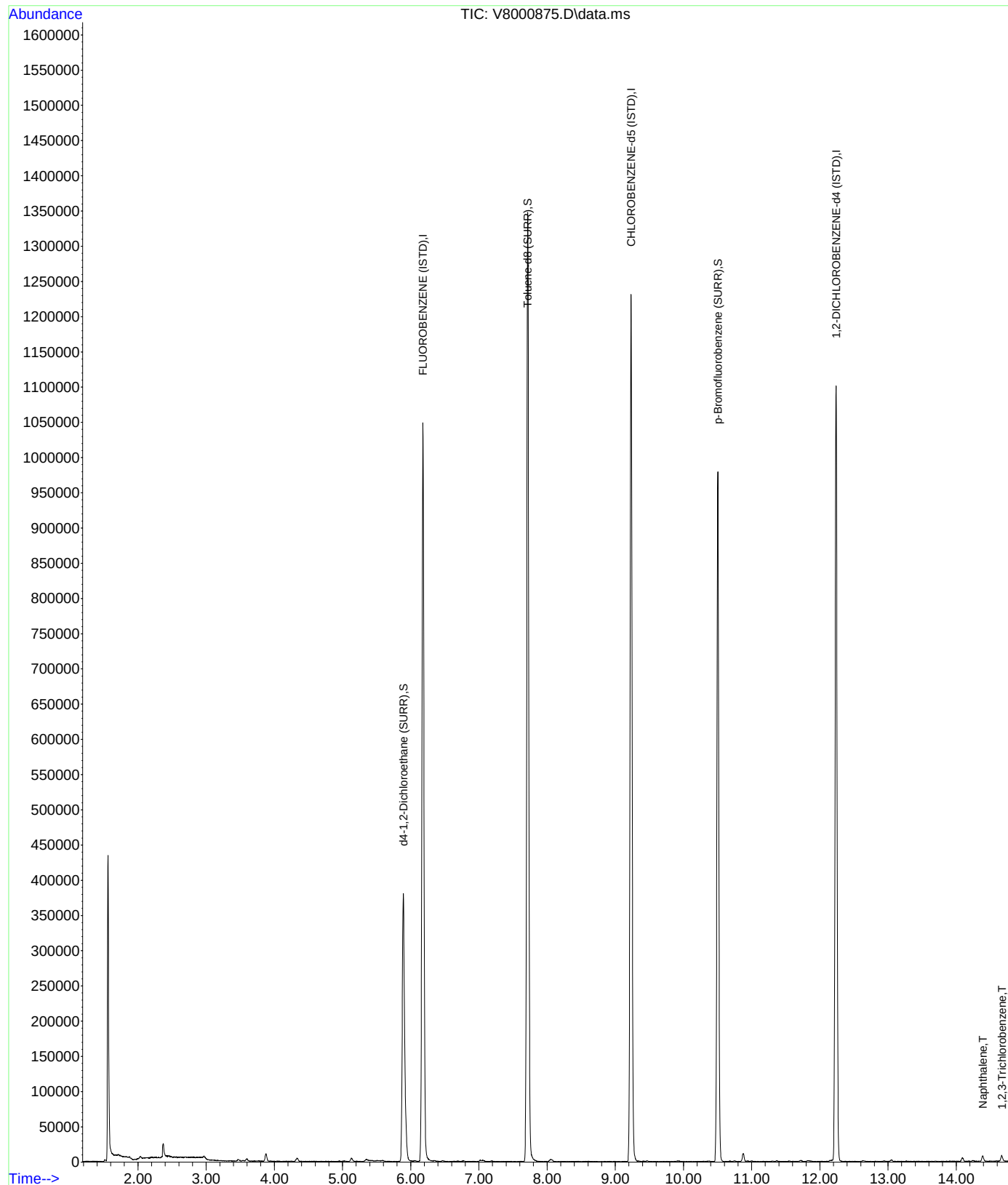
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

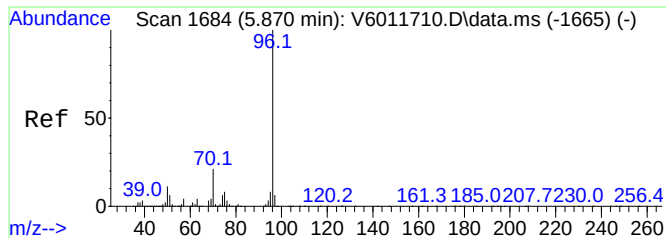
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	207591	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	774134	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	328034	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	274076	11.02	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	110.20%	
51) Toluene-d8 (SURR)	7.715	98	995783	10.56	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	105.60%	
70) p-Bromofluorobenzene (...)	10.504	95	392851	11.37	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	113.70%	
Target Compounds						
12) Acetone	3.471	43	2984	Below Cal	#	93
13) Iodomethane	3.535	142	620	Below Cal		98
26) 2-Butanone	5.130	72	1208	Below Cal	#	19
93) Naphthalene	14.388	128	7397	0.37 ppb	#	92
94) 1,2,3-Trichlorobenzene	14.673	180	2834	0.35 ppb	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000875.D
Acq On : 6 May 2016 10:09 am
Operator : BK
Sample : BE60298-BLK1
Misc : V8050616A
ALS Vial : 5 Sample Multiplier: 1

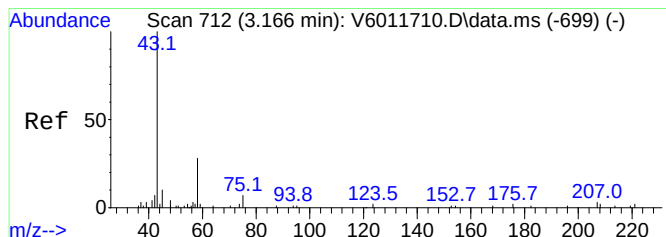
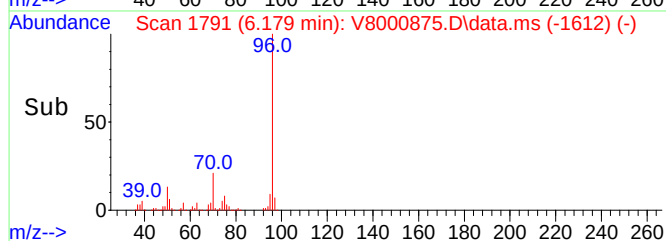
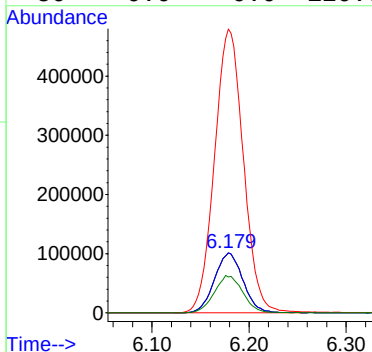
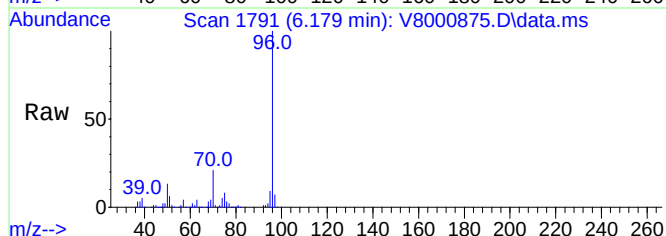
Quant Time: May 06 13:18:27 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration





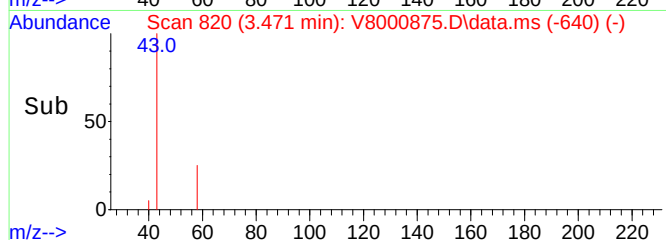
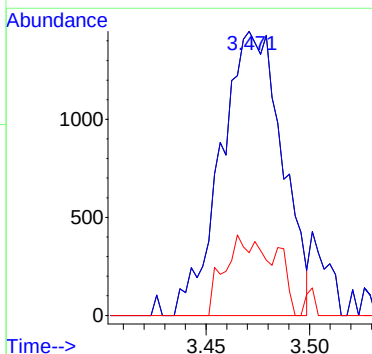
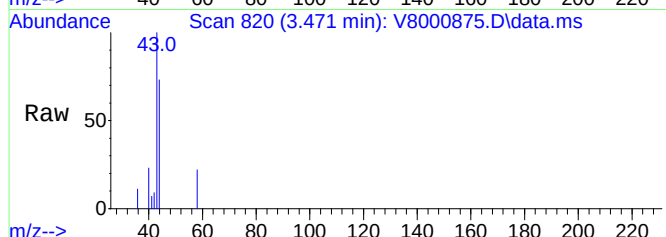
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.179 min Scan# 1791
 Delta R.T. -0.001 min
 Lab File: V8000875.D
 Acq: 6 May 2016 10:09 am

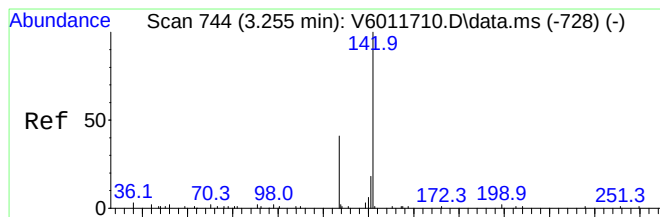
Tgt Ion: 70 Resp: 207591
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 480.2 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.471 min Scan# 820
 Delta R.T. 0.001 min
 Lab File: V8000875.D
 Acq: 6 May 2016 10:09 am

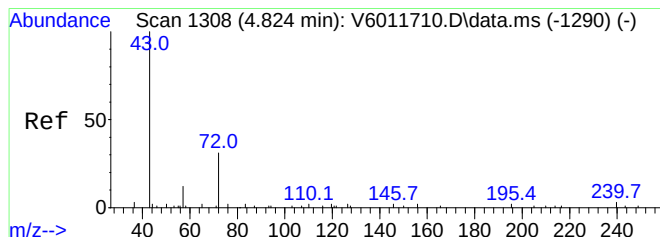
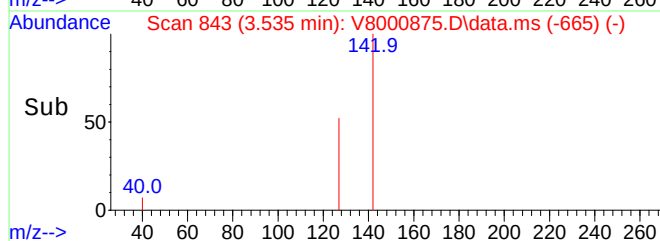
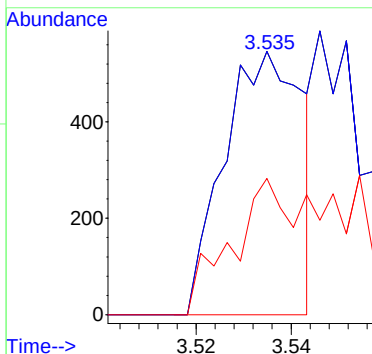
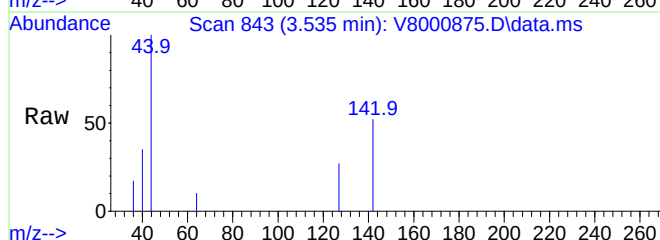
Tgt Ion: 43 Resp: 2984
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 11.4 13.9 41.6#





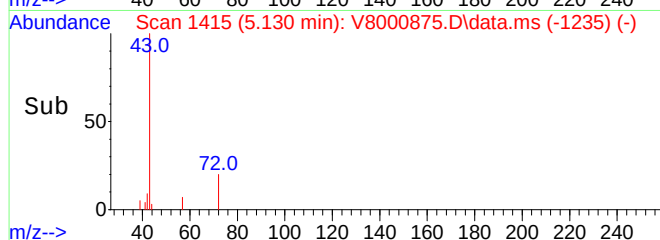
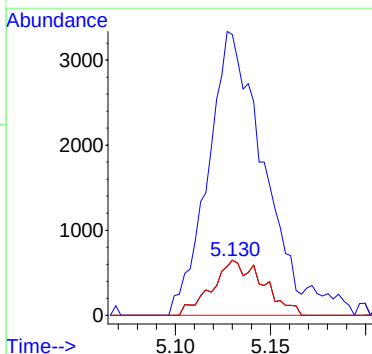
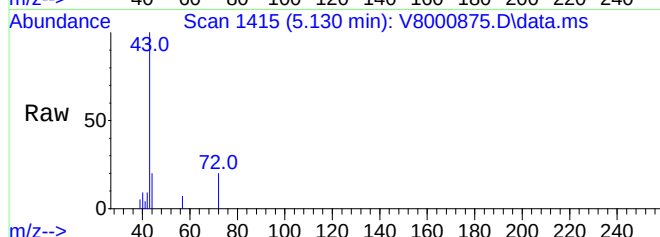
#13
Iodomethane
Concen: Below Cal
RT: 3.535 min Scan# 843
Delta R.T. -0.004 min
Lab File: V8000875.D
Acq: 6 May 2016 10:09 am

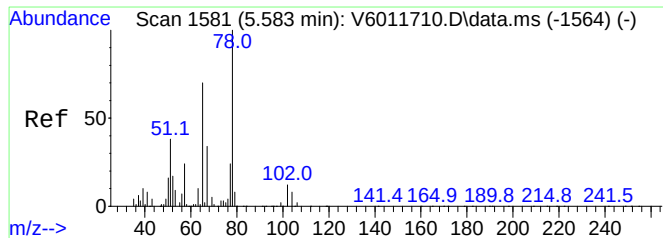
Tgt Ion: 142 Resp: 620
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 38.2 20.8 62.2



#26
2-Butanone
Concen: Below Cal
RT: 5.130 min Scan# 1415
Delta R.T. 0.002 min
Lab File: V8000875.D
Acq: 6 May 2016 10:09 am

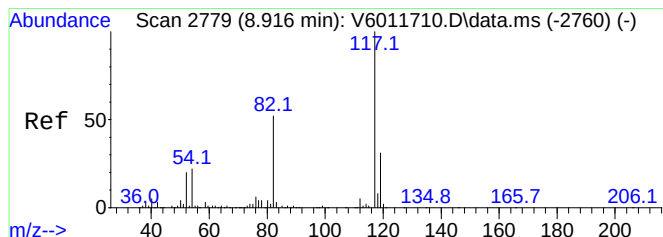
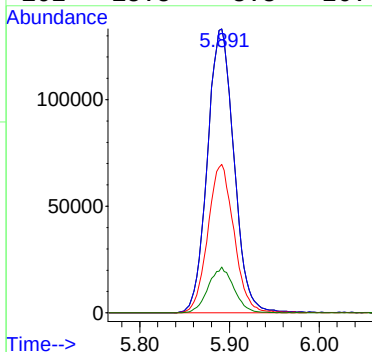
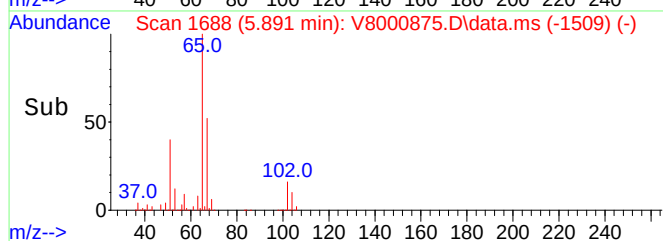
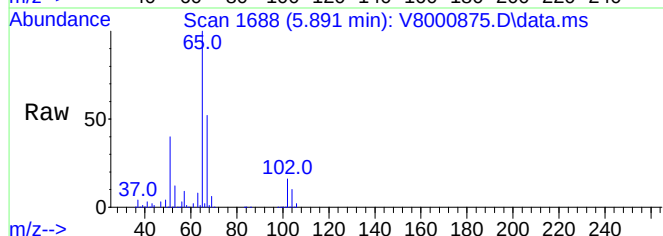
Tgt Ion: 72 Resp: 1208
Ion Ratio Lower Upper
72 100
43 545.8 260.7 391.1#
72 100.0 50.0 150.0





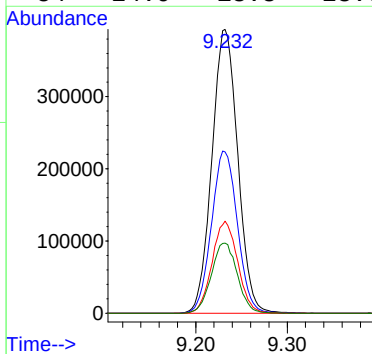
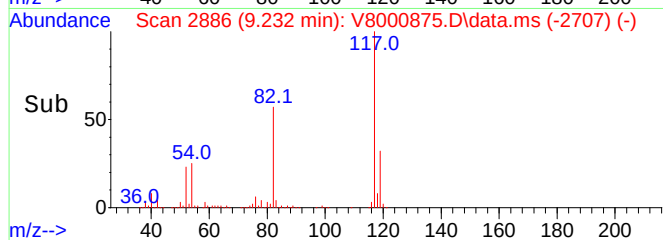
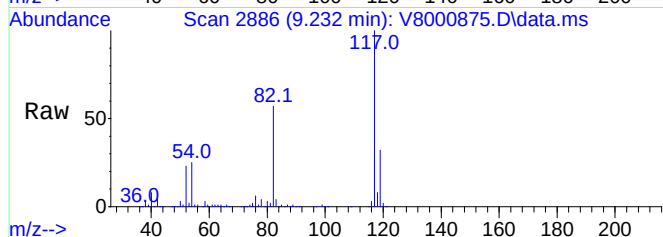
#34
d4-1,2-Dichloroethane (Surr)
Concen: 11.02 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.001 min
Lab File: V8000875.D
Acq: 6 May 2016 10:09 am

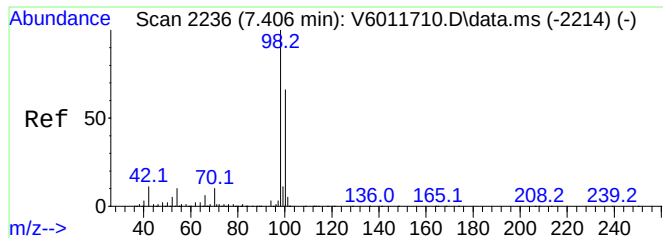
Tgt Ion: 65 Resp: 274076
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 51.5 31.3 65.1
102 15.5 8.8 26.4



#40
CHLOROBENZENE-d5 (Istd)
Concen: 10.00 ppb
RT: 9.232 min Scan# 2886
Delta R.T. 0.000 min
Lab File: V8000875.D
Acq: 6 May 2016 10:09 am

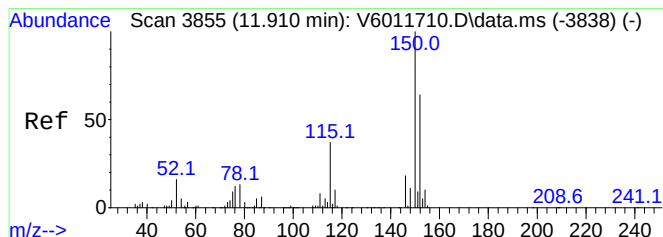
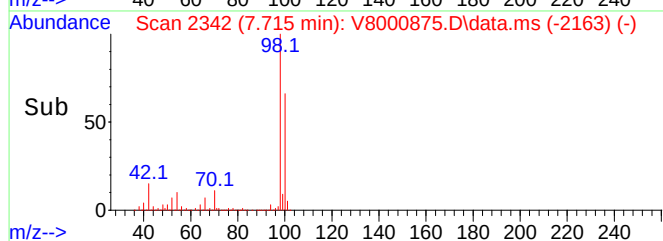
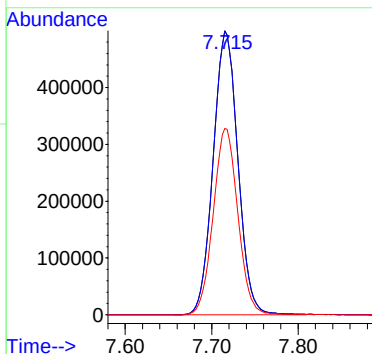
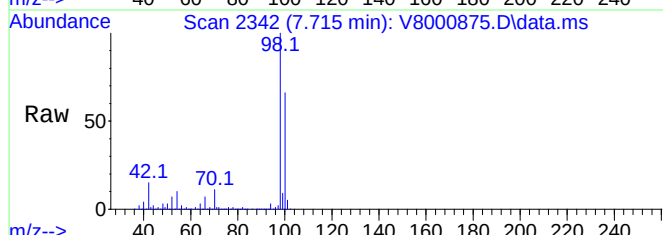
Tgt Ion: 117 Resp: 774134
Ion Ratio Lower Upper
117 100
82 57.3 34.0 70.6
119 32.2 21.5 44.7
54 24.9 13.8 28.6





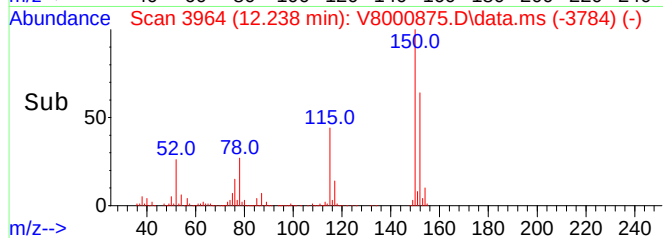
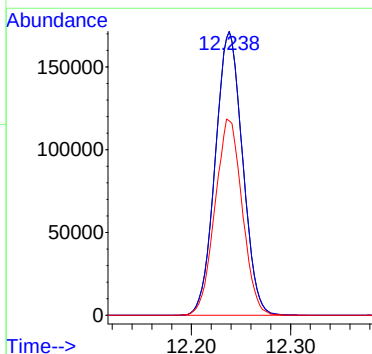
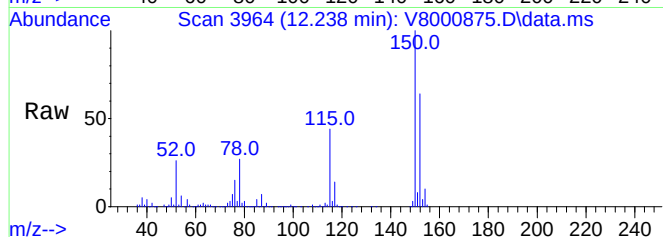
#51
Toluene-d8 (Surr)
Concen: 10.56 ppb
RT: 7.715 min Scan# 2342
Delta R.T. -0.000 min
Lab File: V8000875.D
Acq: 6 May 2016 10:09 am

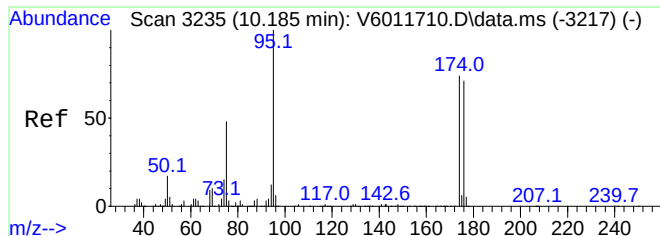
Tgt Ion: 98 Resp: 995783
Ion Ratio Lower Upper
98 100
98 100.0 65.0 135.0
100 65.4 42.8 89.0



#67
1,2-DICHLOROBENZENE-d4 (Istd)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000875.D
Acq: 6 May 2016 10:09 am

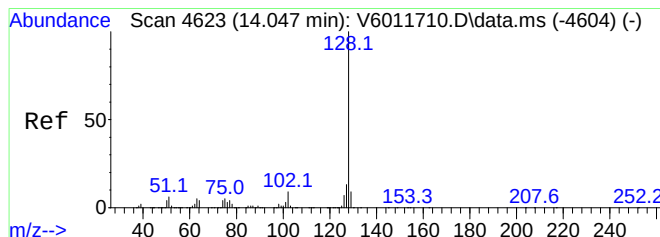
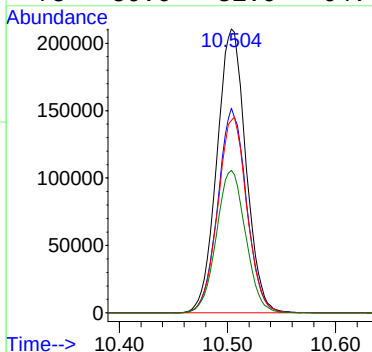
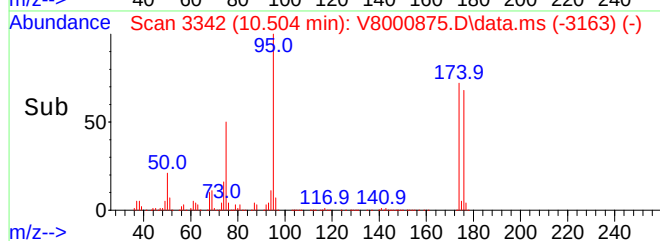
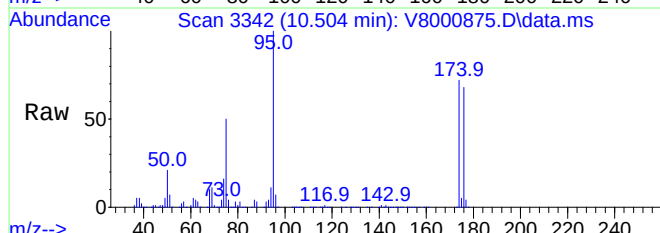
Tgt Ion: 152 Resp: 328034
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.1 31.5 94.5





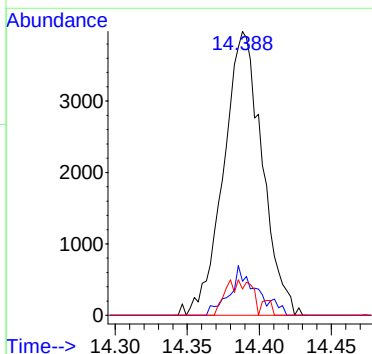
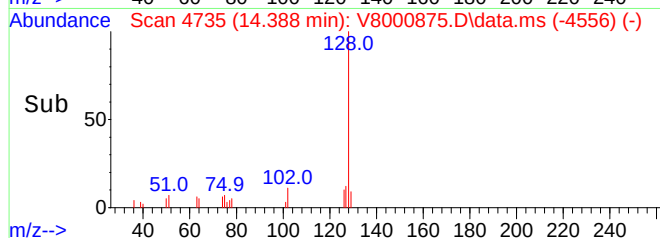
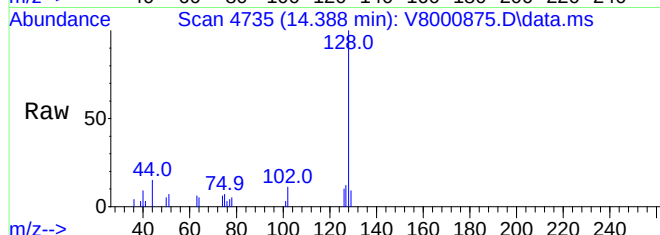
#70
p-Bromofluorobenzene (SURR)
Concen: 11.37 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000875.D
Acq: 6 May 2016 10:09 am

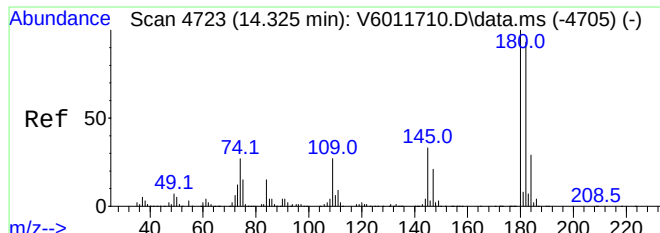
Tgt Ion:	95	Resp:	392851
Ion	Ratio	Lower	Upper
95	100		
174	71.2	47.8	99.4
176	69.0	46.3	96.1
75	50.6	31.0	64.4



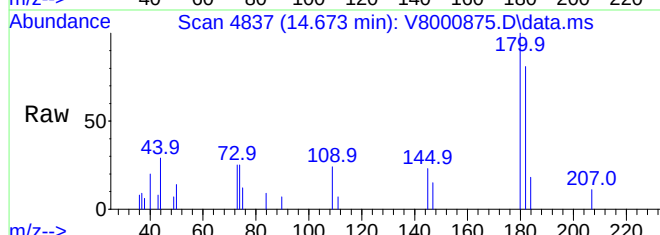
#93
Naphthalene
Concen: 0.37 ppb
RT: 14.388 min Scan# 4735
Delta R.T. 0.000 min
Lab File: V8000875.D
Acq: 6 May 2016 10:09 am

Tgt Ion:	128	Resp:	7397
Ion	Ratio	Lower	Upper
128	100		
127	12.3	8.5	17.6
129	3.6	6.1	12.7#

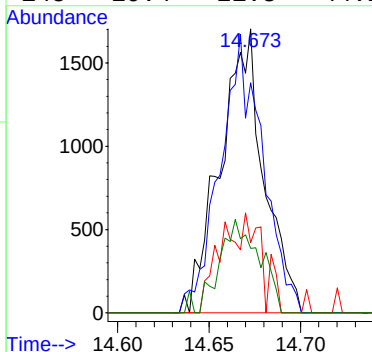
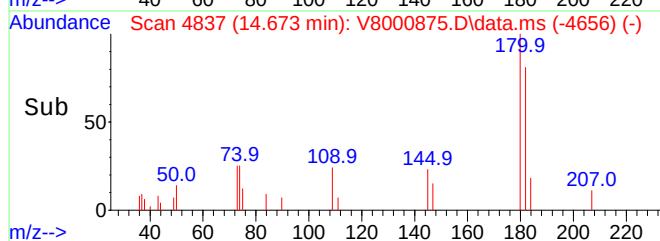




#94
 1,2,3-Trichlorobenzene
 Concen: 0.35 ppb
 RT: 14.673 min Scan# 4837
 Delta R.T. 0.006 min
 Lab File: V8000875.D
 Acq: 6 May 2016 10:09 am



Tgt Ion:	180	Resp:	2834
Ion	Ratio	Lower	Upper
180	100		
182	95.1	60.5	125.7
74	12.1	17.6	36.6#
145	29.4	21.3	44.1



FORM I

METHOD BLANK DATA SHEET
EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: BE60338-BLK1 File ID: V8000900.D
 Prepared: 05/06/16 16:40 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Analyzed: 05/06/16 21:03 Instrument: VOA No. 8
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
75-35-4	1,1-Dichloroethylene	0.50	U
563-58-6	1,1-Dichloropropylene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.40	J
96-18-4	1,2,3-Trichloropropane	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
78-93-3	2-Butanone	2.0	U
95-49-8	2-Chlorotoluene	0.50	U
591-78-6	2-Hexanone	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
108-10-1	4-Methyl-2-pentanone	0.50	U
67-64-1	Acetone	2.0	U
71-43-2	Benzene	0.50	U

FORM I**METHOD BLANK DATA SHEET
EPA 8260C**

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
Matrix: Water Laboratory ID: BE60338-BLK1 File ID: V8000900.D
Prepared: 05/06/16 16:40 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
Analyzed: 05/06/16 21:03 Instrument: VOA No. 8
Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-86-1	Bromobenzene	0.50	U
74-97-5	Bromochloromethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
75-25-2	Bromoform	0.50	U
74-83-9	Bromomethane	0.50	U
75-15-0	Carbon disulfide	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
108-90-7	Chlorobenzene	0.50	U
75-00-3	Chloroethane	0.50	U
67-66-3	Chloroform	0.50	U
74-87-3	Chloromethane	0.50	U
156-59-2	cis-1,2-Dichloroethylene	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	0.50	U
124-48-1	Dibromochloromethane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-71-8	Dichlorodifluoromethane	0.50	U
100-41-4	Ethyl Benzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
98-82-8	Isopropylbenzene	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
75-09-2	Methylene chloride	2.0	U
91-20-3	Naphthalene	2.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	p- & m- Xylenes	1.0	U
105-05-5	p-Diethylbenzene	0.50	U
622-96-8	p-Ethyltoluene	0.50	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:York Analytical Laboratories, Inc.SDG:16E0003

Client:Leggette Brashears & Graham White Plains OfficeProject:Deluxe

Matrix:WaterLaboratory ID:BE60338-BLK1File ID:V8000900.D

Prepared:05/06/16 16:40Preparation:EPA 5030BInitial/Final:25 mL / 25 mL

Analyzed:05/06/16 21:03Instrument:VOA No. 8

Batch:BE60338Sequence:Y6E0909Calibration:YD60037

CAS NO.	COMPOUND	CONC. (ug/L)	Q
100-42-5	Styrene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000900.D
 Acq On : 6 May 2016 9:03 pm
 Operator : BK
 Sample : BE60338-BLK1
 Misc : V8050616B
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 09 09:44:44 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

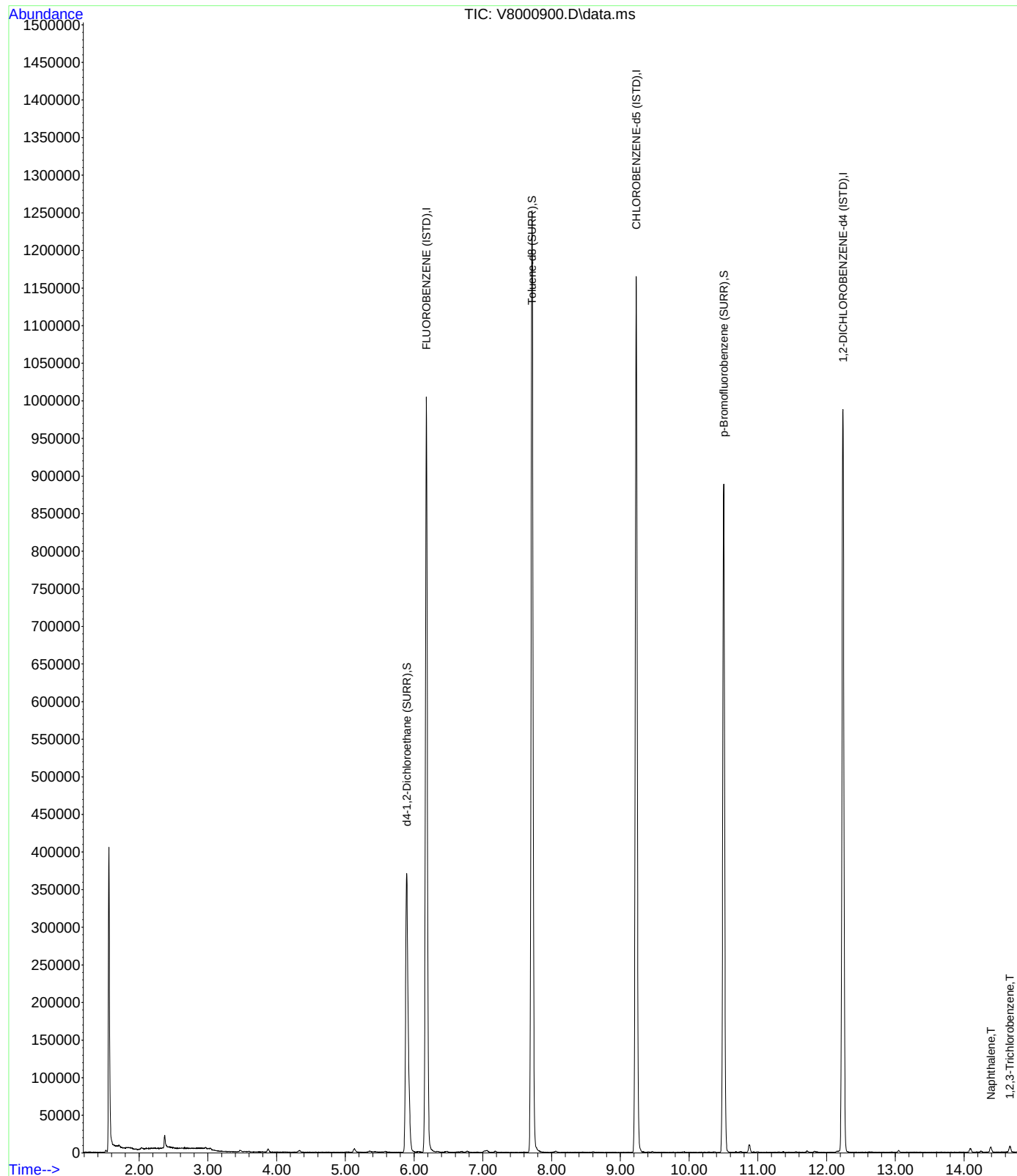
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

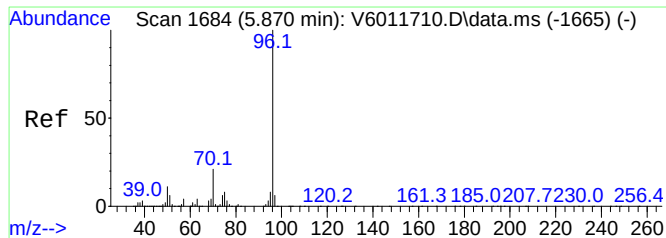
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	194635	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	710680	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	295648	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	255078	10.94	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	109.40%	
51) Toluene-d8 (SURR)	7.715	98	928424	10.73	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	107.30%	
70) p-Bromofluorobenzene (...)	10.504	95	361324	11.61	ppb	0.00
Spiked Amount 10.000	Range	70 - 130	Recovery	=	116.10%	
Target Compounds						
12) Acetone	3.468	43	2760	Below Cal		Qvalue 95
13) Iodomethane	3.538	142	391	Below Cal		100
17) Methylene Chloride	3.872	49	2445	Below Cal		84
26) 2-Butanone	5.124	72	604	Below Cal	#	1
93) Naphthalene	14.388	128	6574	0.37	ppb	# 94
94) 1,2,3-Trichlorobenzene	14.664	180	2926	0.40	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
Data File : V8000900.D
Acq On : 6 May 2016 9:03 pm
Operator : BK
Sample : BE60338-BLK1
Misc : V8050616B
ALS Vial : 30 Sample Multiplier: 1

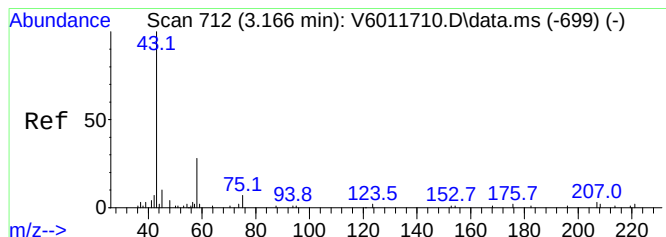
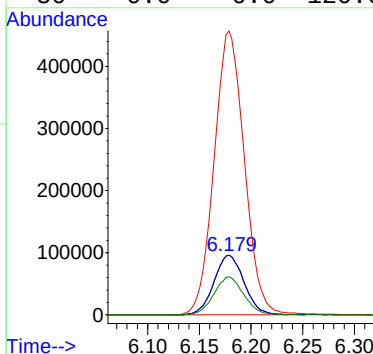
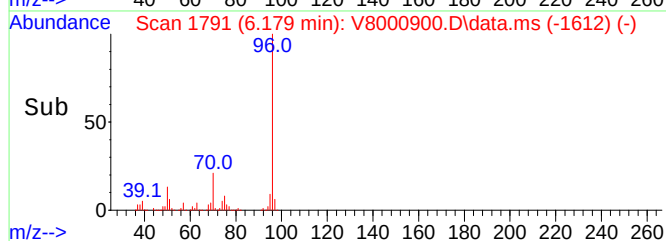
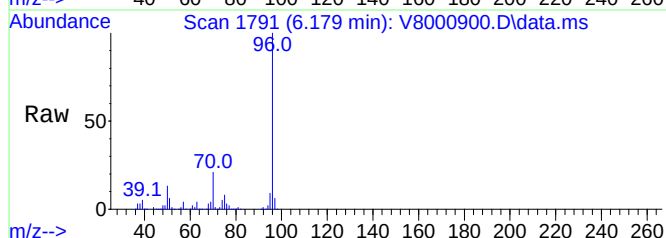
Quant Time: May 09 09:44:44 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration





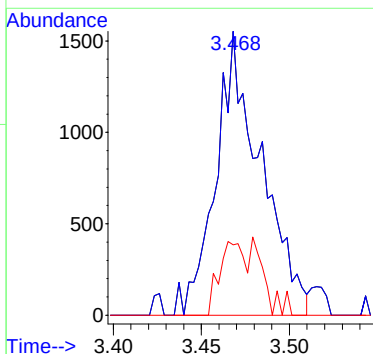
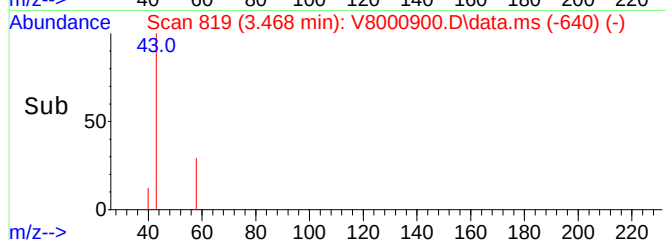
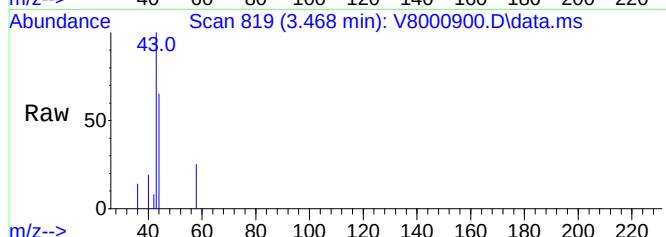
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 6.179 min Scan# 1791
 Delta R.T. -0.001 min
 Lab File: V8000900.D
 Acq: 6 May 2016 9:03 pm

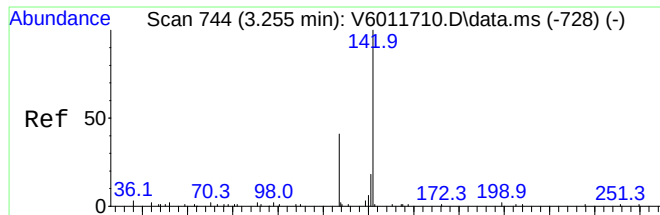
Tgt Ion: 70 Resp: 194635
 Ion Ratio Lower Upper
 70 100
 70 100.0 65.0 135.0
 96 479.1 343.3 713.1
 50 0.0 0.0 120.6



#12
 Acetone
 Concen: Below Cal
 RT: 3.468 min Scan# 819
 Delta R.T. -0.001 min
 Lab File: V8000900.D
 Acq: 6 May 2016 9:03 pm

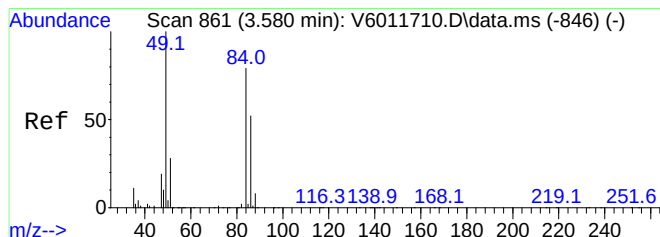
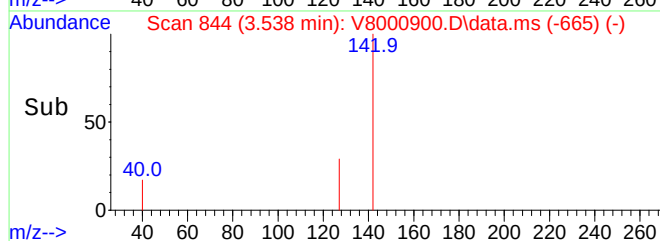
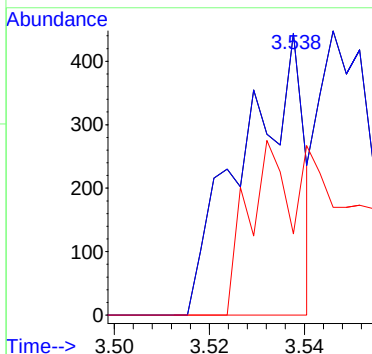
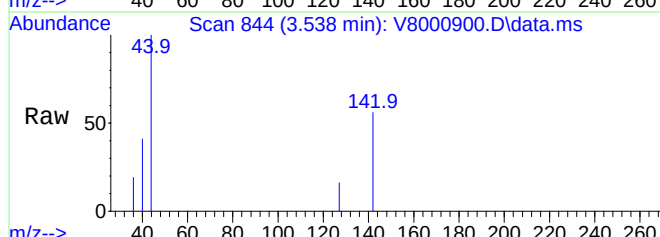
Tgt Ion: 43 Resp: 2760
 Ion Ratio Lower Upper
 43 100
 43 100.0 80.0 120.0
 58 14.8 13.9 41.6





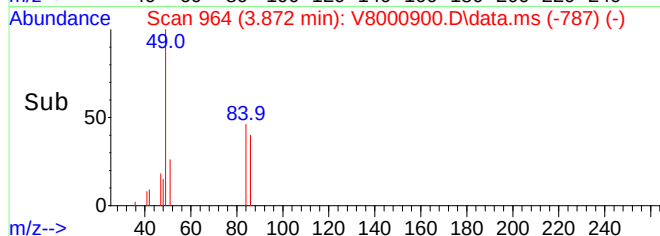
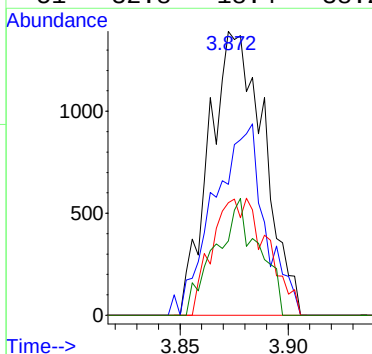
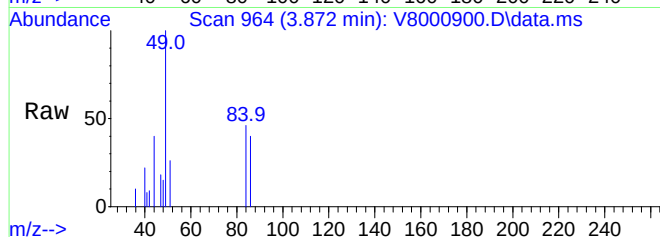
#13
Iodomethane
Concen: Below Cal
RT: 3.538 min Scan# 844
Delta R.T. -0.002 min
Lab File: V8000900.D
Acq: 6 May 2016 9:03 pm

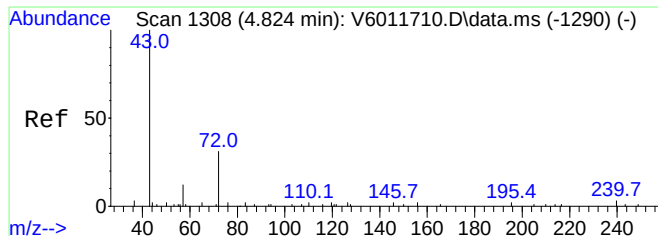
Tgt Ion: 142 Resp: 391
Ion Ratio Lower Upper
142 100
142 100.0 80.0 120.0
127 40.9 20.8 62.2



#17
Methylene Chloride
Concen: Below Cal
RT: 3.872 min Scan# 964
Delta R.T. -0.005 min
Lab File: V8000900.D
Acq: 6 May 2016 9:03 pm

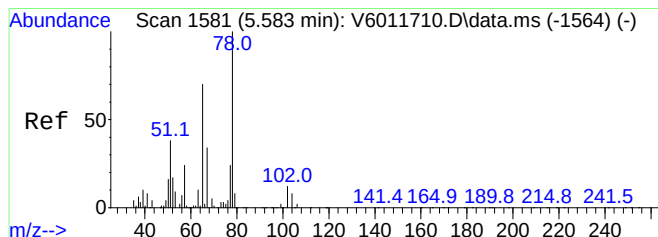
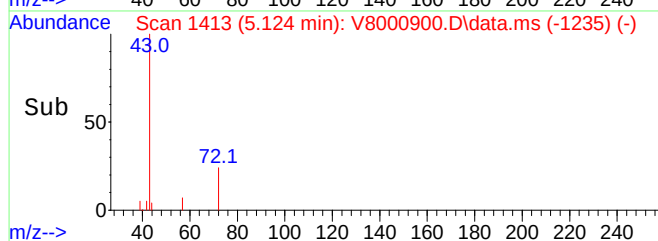
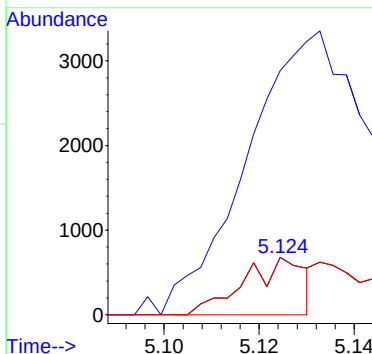
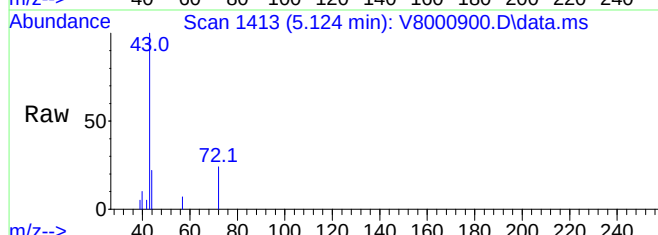
Tgt Ion: 49 Resp: 2445
Ion Ratio Lower Upper
49 100
84 63.0 51.5 107.1
86 41.3 34.1 70.7
51 32.8 18.4 38.2





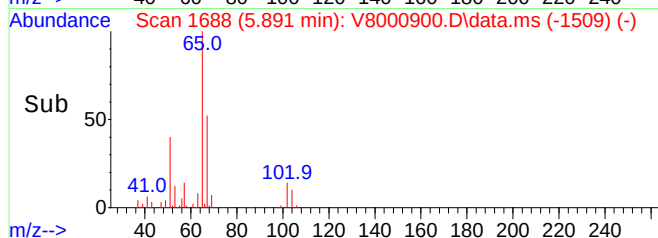
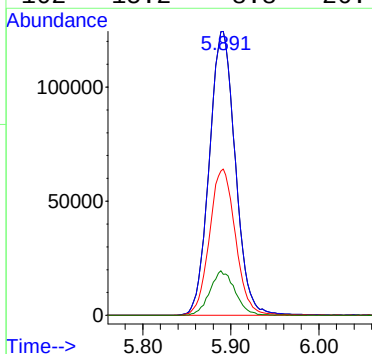
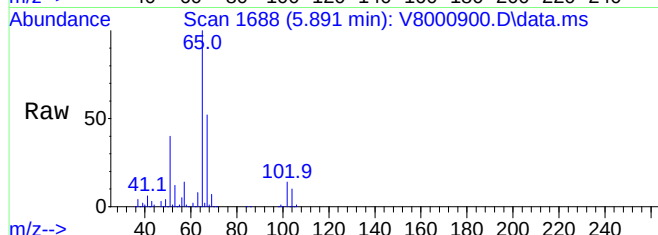
#26
2-Butanone
Concen: Below Cal
RT: 5.124 min Scan# 1413
Delta R.T. -0.004 min
Lab File: V8000900.D
Acq: 6 May 2016 9:03 pm

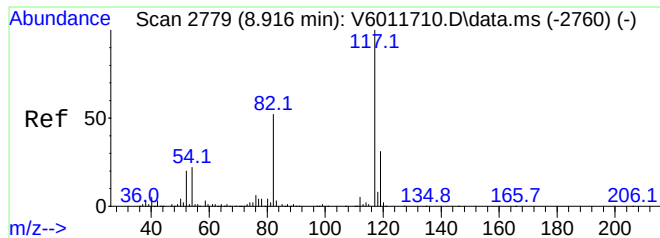
Tgt Ion: 72 Resp: 604
Ion Ratio Lower Upper
72 100
43 1169.4 260.7 391.1#
72 100.0 50.0 150.0



#34
d4-1,2-Dichloroethane (SURR)
Concen: 10.94 ppb
RT: 5.891 min Scan# 1688
Delta R.T. 0.001 min
Lab File: V8000900.D
Acq: 6 May 2016 9:03 pm

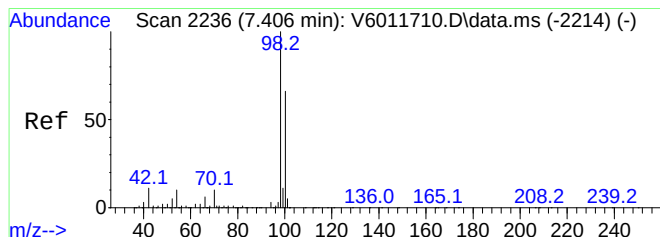
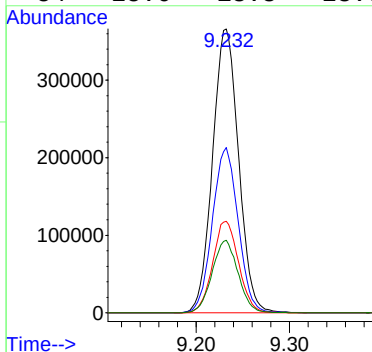
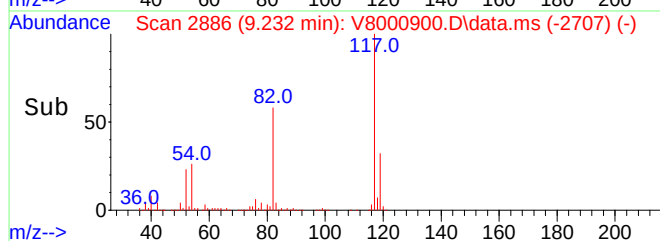
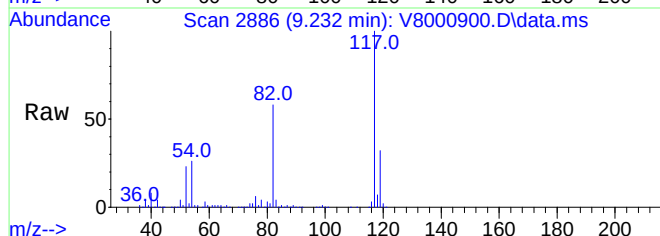
Tgt Ion: 65 Resp: 255078
Ion Ratio Lower Upper
65 100
65 100.0 65.0 135.0
67 0.0 31.3 65.1#
102 15.2 8.8 26.4





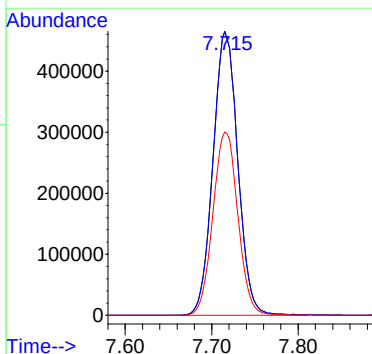
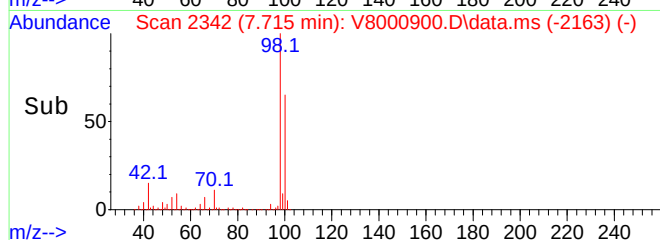
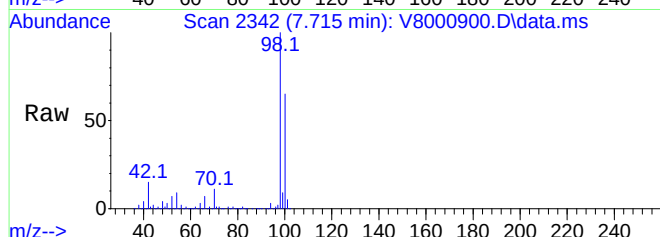
#40
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 9.232 min Scan# 2886
 Delta R.T. 0.000 min
 Lab File: V8000900.D
 Acq: 6 May 2016 9:03 pm

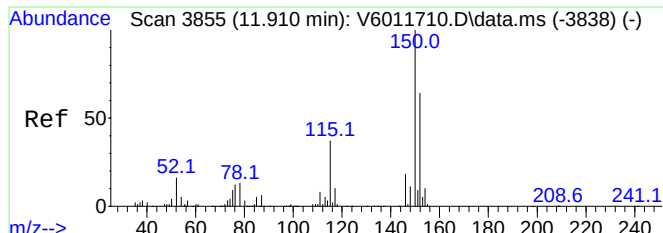
Tgt Ion:	117	Resp:	710680
Ion	Ratio	Lower	Upper
117	100		
82	57.8	34.0	70.6
119	32.1	21.5	44.7
54	25.6	13.8	28.6



#51
 Toluene-d8 (SURR)
 Concen: 10.73 ppb
 RT: 7.715 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: V8000900.D
 Acq: 6 May 2016 9:03 pm

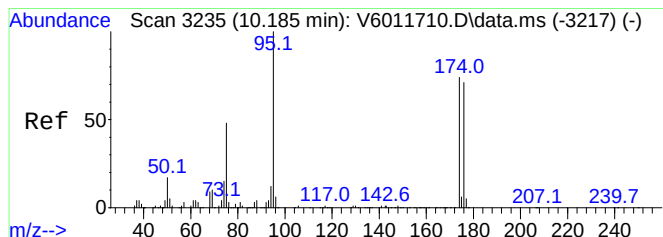
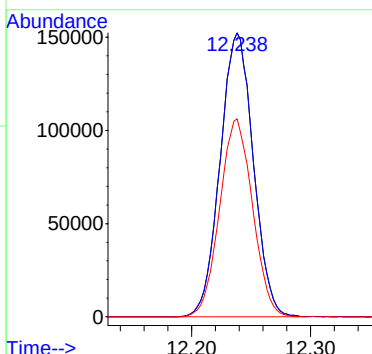
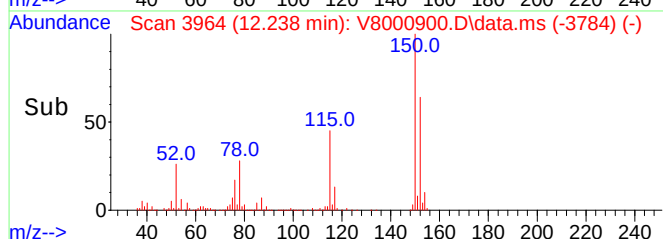
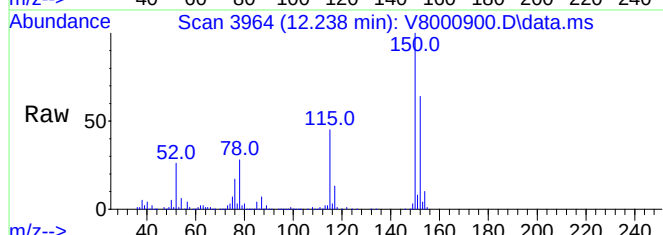
Tgt Ion:	98	Resp:	928424
Ion	Ratio	Lower	Upper
98	100		
98	100.0	65.0	135.0
100	65.1	42.8	89.0





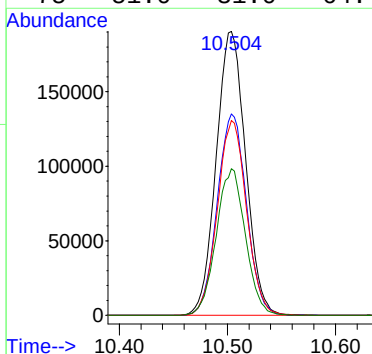
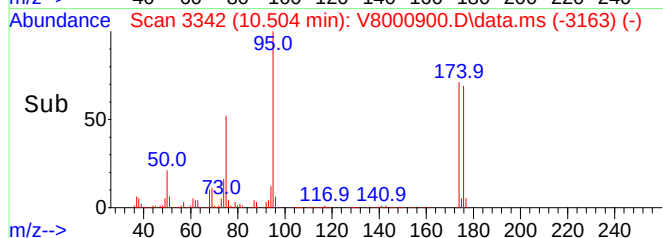
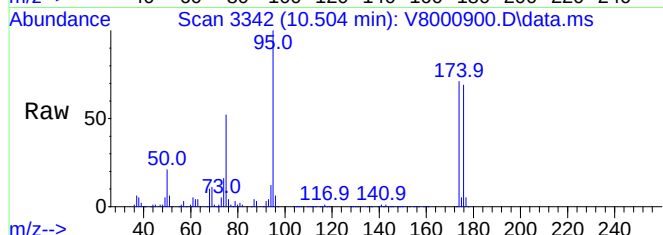
#67
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 12.238 min Scan# 3964
Delta R.T. 0.001 min
Lab File: V8000900.D
Acq: 6 May 2016 9:03 pm

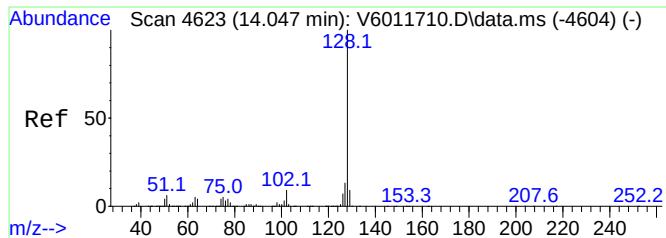
Tgt Ion: 152 Resp: 295648
Ion Ratio Lower Upper
152 100
152 100.0 50.0 150.0
115 69.2 31.5 94.5



#70
p-Bromofluorobenzene (SURR)
Concen: 11.61 ppb
RT: 10.504 min Scan# 3342
Delta R.T. 0.000 min
Lab File: V8000900.D
Acq: 6 May 2016 9:03 pm

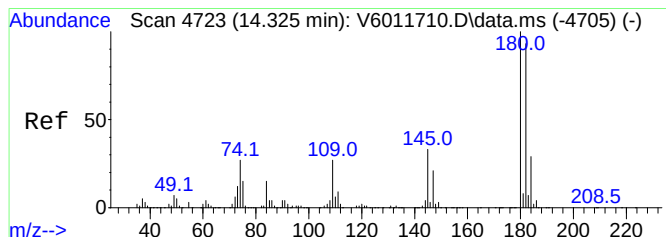
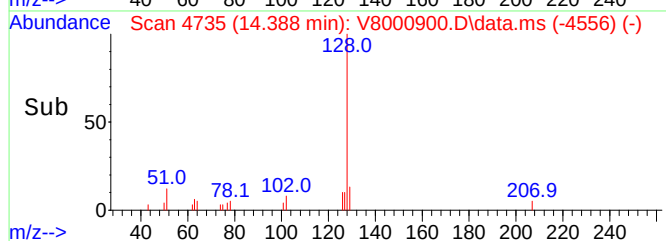
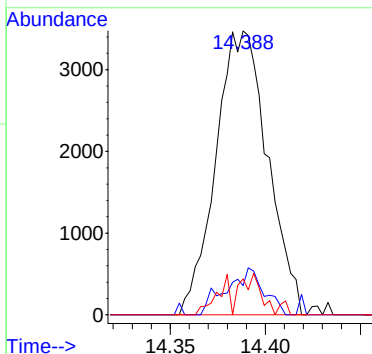
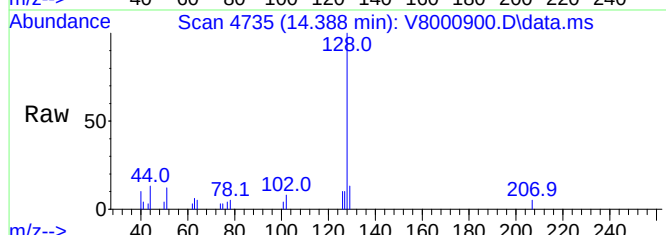
Tgt Ion: 95 Resp: 361324
Ion Ratio Lower Upper
95 100
174 70.4 47.8 99.4
176 68.0 46.3 96.1
75 51.0 31.0 64.4





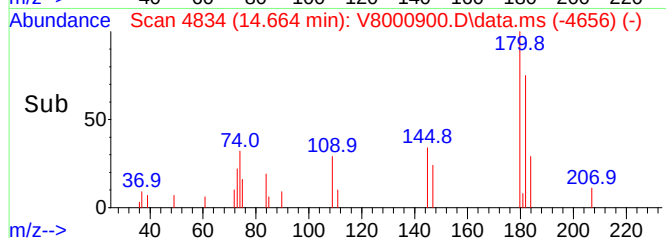
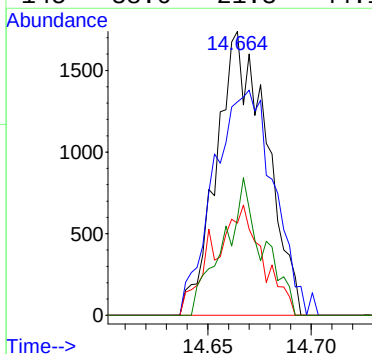
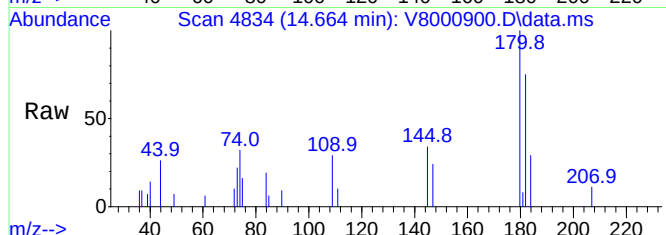
#93
Naphthalene
Concen: 0.37 ppb
RT: 14.388 min Scan# 4735
Delta R.T. 0.000 min
Lab File: V8000900.D
Acq: 6 May 2016 9:03 pm

Tgt Ion:	128	Resp:	6574
Ion Ratio	Lower	Upper	
128	100		
127	11.9	8.5	17.6
129	5.7	6.1	12.7#



#94
1,2,3-Trichlorobenzene
Concen: 0.40 ppb
RT: 14.664 min Scan# 4834
Delta R.T. -0.003 min
Lab File: V8000900.D
Acq: 6 May 2016 9:03 pm

Tgt Ion:	180	Resp:	2926
Ion Ratio	Lower	Upper	
180	100		
182	95.3	60.5	125.7
74	26.9	17.6	36.6
145	38.6	21.3	44.1



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.1	101	82 - 126
1,1,1-Trichloroethane	10.0	9.18	91.8	78 - 136
1,1,2,2-Tetrachloroethane	10.0	13.1	131 *	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.38	93.8	54 - 165
1,1,2-Trichloroethane	10.0	10.8	108	82 - 123
1,1-Dichloroethane	10.0	10.6	106	82 - 129
1,1-Dichloroethylene	10.0	10.0	100	68 - 138
1,1-Dichloropropylene	10.0	10.0	100	83 - 133
1,2,3-Trichlorobenzene	10.0	11.1	111	76 - 136
1,2,3-Trichloropropane	10.0	12.6	126	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	11.0	110	85 - 140
1,2,4-Trichlorobenzene	10.0	11.2	112	76 - 137
1,2,4-Trimethylbenzene	10.0	12.3	123	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.6	106	45 - 147
1,2-Dibromoethane	10.0	10.5	105	83 - 124
1,2-Dichlorobenzene	10.0	10.9	109	79 - 123
1,2-Dichloroethane	10.0	10.6	106	73 - 132
1,2-Dichloropropane	10.0	11.5	115	78 - 126
1,3,5-Trimethylbenzene	10.0	12.2	122	80 - 131
1,3-Dichlorobenzene	10.0	11.3	113	86 - 122
1,3-Dichloropropane	10.0	11.7	117	81 - 125
1,4-Dichlorobenzene	10.0	11.0	110	85 - 124
2,2-Dichloropropane	10.0	8.54	85.4	56 - 150
2-Butanone	10.0	9.79	97.9	49 - 152
2-Chlorotoluene	10.0	12.5	125	79 - 130
2-Hexanone	10.0	11.9	119	51 - 146
4-Chlorotoluene	10.0	12.0	120	79 - 128
4-Methyl-2-pentanone	10.0	12.0	120	57 - 145
Acetone	10.0	9.52	95.2	14 - 150
Benzene	10.0	9.94	99.4	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromobenzene	10.0	13.2	132 *	78 - 129
Bromochloromethane	10.0	10.5	105	77 - 128
Bromodichloromethane	10.0	10.8	108	79 - 128
Bromoform	10.0	7.77	77.7 *	78 - 133
Bromomethane	10.0	9.50	95.0	43 - 168
Carbon disulfide	10.0	9.72	97.2	68 - 146
Carbon tetrachloride	10.0	8.76	87.6	77 - 141
Chlorobenzene	10.0	10.2	102	88 - 120
Chloroethane	10.0	11.3	113	65 - 136
Chloroform	10.0	9.98	99.8	82 - 128
Chloromethane	10.0	7.25	72.5	43 - 155
cis-1,2-Dichloroethylene	10.0	9.92	99.2	83 - 129
cis-1,3-Dichloropropylene	10.0	10.5	105	80 - 131
Dibromochloromethane	10.0	8.73	87.3	80 - 130
Dibromomethane	10.0	11.2	112	72 - 134
Dichlorodifluoromethane	10.0	10.7	107	44 - 144
Ethyl Benzene	10.0	11.9	119	80 - 131
Hexachlorobutadiene	10.0	10.8	108	67 - 146
Isopropylbenzene	10.0	11.2	112	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	9.00	90.0	76 - 135
Methylene chloride	10.0	9.62	96.2	55 - 137
Naphthalene	10.0	11.6	116	70 - 147
n-Butylbenzene	10.0	13.5	135 *	79 - 132
n-Propylbenzene	10.0	12.2	122	78 - 133
o-Xylene	10.0	11.2	112	78 - 130
p- & m- Xylenes	20.0	23.9	119	77 - 133
p-Diethylbenzene	10.0	12.1	121	84 - 134
p-Ethyltoluene	10.0	12.3	123	88 - 129
p-Isopropyltoluene	10.0	12.1	121	81 - 136
sec-Butylbenzene	10.0	11.2	112	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	11.8	118	67 - 132
tert-Butylbenzene	10.0	10.8	108	77 - 138
Tetrachloroethylene	10.0	9.77	97.7	82 - 131
Toluene	10.0	11.2	112	80 - 127
trans-1,2-Dichloroethylene	10.0	10.1	101	80 - 132
trans-1,3-Dichloropropylene	10.0	10.1	101	78 - 131
Trichloroethylene	10.0	10.8	108	82 - 128
Trichlorofluoromethane	10.0	13.0	130	67 - 139
Vinyl Chloride	10.0	9.98	99.8	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	10.0	9.92	99.2	2.09	30	82 - 126
1,1,1-Trichloroethane	10.0	9.05	90.5	1.43	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.1	121	8.50	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.06	90.6	3.47	30	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	0.932	30	82 - 123
1,1-Dichloroethane	10.0	10.5	105	1.42	30	82 - 129
1,1-Dichloroethylene	10.0	9.77	97.7	2.53	30	68 - 138
1,1-Dichloropropylene	10.0	9.85	98.5	2.01	30	83 - 133
1,2,3-Trichlorobenzene	10.0	10.7	107	3.95	30	76 - 136
1,2,3-Trichloropropane	10.0	11.9	119	5.22	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.4	104	5.68	30	85 - 140
1,2,4-Trichlorobenzene	10.0	10.7	107	5.11	30	76 - 137
1,2,4-Trimethylbenzene	10.0	11.8	118	4.05	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.82	98.2	7.55	30	45 - 147
1,2-Dibromoethane	10.0	10.6	106	0.569	30	83 - 124
1,2-Dichlorobenzene	10.0	11.7	117	6.83	30	79 - 123
1,2-Dichloroethane	10.0	10.8	108	1.86	30	73 - 132
1,2-Dichloropropane	10.0	11.2	112	2.56	30	78 - 126
1,3,5-Trimethylbenzene	10.0	11.6	116	4.89	30	80 - 131
1,3-Dichlorobenzene	10.0	10.9	109	4.32	30	86 - 122
1,3-Dichloropropane	10.0	11.7	117	0.0857	30	81 - 125
1,4-Dichlorobenzene	10.0	10.5	105	4.48	30	85 - 124
2,2-Dichloropropane	10.0	8.35	83.5	2.25	30	56 - 150
2-Butanone	10.0	11.5	115	16.4	30	49 - 152
2-Chlorotoluene	10.0	12.0	120	3.93	30	79 - 130
2-Hexanone	10.0	12.3	123	2.73	30	51 - 146
4-Chlorotoluene	10.0	11.4	114	5.03	30	79 - 128
4-Methyl-2-pentanone	10.0	11.9	119	0.585	30	57 - 145
Acetone	10.0	13.0	130	31.2 *	30	14 - 150
Benzene	10.0	9.81	98.1	1.32	30	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60261Laboratory ID: BE60261-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromobenzene	10.0	12.5	125	5.30	30	78 - 129
Bromochloromethane	10.0	10.2	102	2.61	30	77 - 128
Bromodichloromethane	10.0	10.9	109	0.368	30	79 - 128
Bromoform	10.0	7.83	78.3	0.769	30	78 - 133
Bromomethane	10.0	9.90	99.0	4.12	30	43 - 168
Carbon disulfide	10.0	9.49	94.9	2.39	30	68 - 146
Carbon tetrachloride	10.0	8.52	85.2	2.78	30	77 - 141
Chlorobenzene	10.0	10.0	100	1.78	30	88 - 120
Chloroethane	10.0	11.4	114	0.965	30	65 - 136
Chloroform	10.0	10.1	101	0.798	30	82 - 128
Chloromethane	10.0	7.39	73.9	1.91	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.84	98.4	0.810	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.6	106	0.190	30	80 - 131
Dibromochloromethane	10.0	8.74	87.4	0.114	30	80 - 130
Dibromomethane	10.0	11.3	113	0.802	30	72 - 134
Dichlorodifluoromethane	10.0	10.2	102	4.70	30	44 - 144
Ethyl Benzene	10.0	11.6	116	2.73	30	80 - 131
Hexachlorobutadiene	10.0	10.2	102	5.33	30	67 - 146
Isopropylbenzene	10.0	10.8	108	4.01	30	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	9.24	92.4	2.63	30	76 - 135
Methylene chloride	10.0	9.64	96.4	0.208	30	55 - 137
Naphthalene	10.0	11.3	113	2.54	30	70 - 147
n-Butylbenzene	10.0	12.8	128	4.87	30	79 - 132
n-Propylbenzene	10.0	11.7	117	4.09	30	78 - 133
o-Xylene	10.0	10.9	109	2.80	30	78 - 130
p- & m- Xylenes	20.0	23.3	116	2.50	30	77 - 133
p-Diethylbenzene	10.0	11.4	114	5.54	30	84 - 134
p-Ethyltoluene	10.0	11.5	115	6.30	30	88 - 129
p-Isopropyltoluene	10.0	11.5	115	4.49	30	81 - 136
sec-Butylbenzene	10.0	10.7	107	5.30	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003

Client: Leggette Brashears & Graham White Plains OfficeProject: Deluxe

Matrix: Water

Batch: BE60261Laboratory ID: BE60261-BSD1

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Styrene	10.0	11.5	115	2.49	30	67 - 132
tert-Butylbenzene	10.0	10.2	102	5.15	30	77 - 138
Tetrachloroethylene	10.0	12.6	126	25.4	30	82 - 131
Toluene	10.0	11.0	110	1.89	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.96	99.6	0.999	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.1	101	0.197	30	78 - 131
Trichloroethylene	10.0	10.6	106	2.24	30	82 - 128
Trichlorofluoromethane	10.0	12.3	123	5.22	30	67 - 139
Vinyl Chloride	10.0	9.81	98.1	1.72	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.54	95.4	82 - 126
1,1,1-Trichloroethane	10.0	9.05	90.5	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.4	114	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.93	89.3	54 - 165
1,1,2-Trichloroethane	10.0	9.87	98.7	82 - 123
1,1-Dichloroethane	10.0	10.4	104	82 - 129
1,1-Dichloroethylene	10.0	9.82	98.2	68 - 138
1,1-Dichloropropylene	10.0	9.86	98.6	83 - 133
1,2,3-Trichlorobenzene	10.0	9.36	93.6	76 - 136
1,2,3-Trichloropropane	10.0	11.1	111	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.7	107	85 - 140
1,2,4-Trichlorobenzene	10.0	10.1	101	76 - 137
1,2,4-Trimethylbenzene	10.0	12.6	126	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.04	90.4	45 - 147
1,2-Dibromoethane	10.0	9.59	95.9	83 - 124
1,2-Dichlorobenzene	10.0	10.4	104	79 - 123
1,2-Dichloroethane	10.0	9.92	99.2	73 - 132
1,2-Dichloropropane	10.0	11.3	113	78 - 126
1,3,5-Trimethylbenzene	10.0	12.2	122	80 - 131
1,3-Dichlorobenzene	10.0	11.2	112	86 - 122
1,3-Dichloropropane	10.0	10.9	109	81 - 125
1,4-Dichlorobenzene	10.0	10.7	107	85 - 124
2,2-Dichloropropane	10.0	9.58	95.8	56 - 150
2-Butanone	10.0	7.48	74.8	49 - 152
2-Chlorotoluene	10.0	12.8	128	79 - 130
2-Hexanone	10.0	9.99	99.9	51 - 146
4-Chlorotoluene	10.0	12.2	122	79 - 128
4-Methyl-2-pentanone	10.0	10.2	102	57 - 145
Acetone	10.0	8.12	81.2	14 - 150
Benzene	10.0	9.59	95.9	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromobenzene	10.0	13.0	130 *	78 - 129
Bromochloromethane	10.0	9.64	96.4	77 - 128
Bromodichloromethane	10.0	10.7	107	79 - 128
Bromoform	10.0	6.79	67.9 *	78 - 133
Bromomethane	10.0	10.0	100	43 - 168
Carbon disulfide	10.0	9.32	93.2	68 - 146
Carbon tetrachloride	10.0	8.50	85.0	77 - 141
Chlorobenzene	10.0	9.95	99.5	88 - 120
Chloroethane	10.0	10.9	109	65 - 136
Chloroform	10.0	9.76	97.6	82 - 128
Chloromethane	10.0	6.99	69.9	43 - 155
cis-1,2-Dichloroethylene	10.0	9.84	98.4	83 - 129
cis-1,3-Dichloropropylene	10.0	10.4	104	80 - 131
Dibromochloromethane	10.0	7.94	79.4 *	80 - 130
Dibromomethane	10.0	10.4	104	72 - 134
Dichlorodifluoromethane	10.0	10.2	102	44 - 144
Ethyl Benzene	10.0	12.0	120	80 - 131
Hexachlorobutadiene	10.0	10.2	102	67 - 146
Isopropylbenzene	10.0	11.5	115	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	8.08	80.8	76 - 135
Methylene chloride	10.0	10.3	103	55 - 137
Naphthalene	10.0	9.37	93.7	70 - 147
n-Butylbenzene	10.0	14.1	141 *	79 - 132
n-Propylbenzene	10.0	12.6	126	78 - 133
o-Xylene	10.0	11.1	111	78 - 130
p- & m- Xylenes	20.0	24.1	121	77 - 133
p-Diethylbenzene	10.0	12.3	123	84 - 134
p-Ethyltoluene	10.0	12.2	122	88 - 129
p-Isopropyltoluene	10.0	12.2	122	81 - 136
sec-Butylbenzene	10.0	11.5	115	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water
 Batch: BE60298 Laboratory ID: BE60298-BS1
 Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	11.3	113	67 - 132
tert-Butylbenzene	10.0	10.8	108	77 - 138
Tetrachloroethylene	10.0	9.23	92.3	82 - 131
Toluene	10.0	11.2	112	80 - 127
trans-1,2-Dichloroethylene	10.0	9.82	98.2	80 - 132
trans-1,3-Dichloropropylene	10.0	9.78	97.8	78 - 131
Trichloroethylene	10.0	10.9	109	82 - 128
Trichlorofluoromethane	10.0	13.2	132	67 - 139
Vinyl Chloride	10.0	9.95	99.5	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	10.0	9.77	97.7	2.38	30	82 - 126
1,1,1-Trichloroethane	10.0	8.99	89.9	0.665	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.3	123	7.66	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.88	88.8	0.561	30	54 - 165
1,1,2-Trichloroethane	10.0	10.6	106	6.66	30	82 - 123
1,1-Dichloroethane	10.0	10.4	104	0.0966	30	82 - 129
1,1-Dichloroethylene	10.0	9.72	97.2	1.02	30	68 - 138
1,1-Dichloropropylene	10.0	9.80	98.0	0.610	30	83 - 133
1,2,3-Trichlorobenzene	10.0	10.3	103	9.56	30	76 - 136
1,2,3-Trichloropropane	10.0	11.8	118	6.27	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.6	106	0.658	30	85 - 140
1,2,4-Trichlorobenzene	10.0	10.6	106	5.01	30	76 - 137
1,2,4-Trimethylbenzene	10.0	12.2	122	3.31	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.68	96.8	6.84	30	45 - 147
1,2-Dibromoethane	10.0	10.2	102	5.67	30	83 - 124
1,2-Dichlorobenzene	10.0	10.6	106	1.24	30	79 - 123
1,2-Dichloroethane	10.0	10.6	106	6.25	30	73 - 132
1,2-Dichloropropane	10.0	11.4	114	1.41	30	78 - 126
1,3,5-Trimethylbenzene	10.0	11.8	118	3.08	30	80 - 131
1,3-Dichlorobenzene	10.0	10.9	109	2.54	30	86 - 122
1,3-Dichloropropane	10.0	11.5	115	5.90	30	81 - 125
1,4-Dichlorobenzene	10.0	10.5	105	1.69	30	85 - 124
2,2-Dichloropropane	10.0	9.56	95.6	0.209	30	56 - 150
2-Butanone	10.0	9.09	90.9	19.4	30	49 - 152
2-Chlorotoluene	10.0	12.3	123	3.74	30	79 - 130
2-Hexanone	10.0	11.2	112	11.6	30	51 - 146
4-Chlorotoluene	10.0	11.9	119	2.50	30	79 - 128
4-Methyl-2-pentanone	10.0	11.3	113	10.3	30	57 - 145
Acetone	10.0	8.93	89.3	9.50	30	14 - 150
Benzene	10.0	9.72	97.2	1.35	30	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60298Laboratory ID: BE60298-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromobenzene	10.0	12.8	128	1.62	30	78 - 129
Bromochloromethane	10.0	10.0	100	3.87	30	77 - 128
Bromodichloromethane	10.0	11.0	110	2.67	30	79 - 128
Bromoform	10.0	7.46	74.6 *	9.40	30	78 - 133
Bromomethane	10.0	10.9	109	7.93	30	43 - 168
Carbon disulfide	10.0	9.27	92.7	0.538	30	68 - 146
Carbon tetrachloride	10.0	8.43	84.3	0.827	30	77 - 141
Chlorobenzene	10.0	9.95	99.5	0.00	30	88 - 120
Chloroethane	10.0	10.6	106	2.41	30	65 - 136
Chloroform	10.0	9.86	98.6	1.02	30	82 - 128
Chloromethane	10.0	7.46	74.6	6.51	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.91	99.1	0.709	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.8	108	2.93	30	80 - 131
Dibromochloromethane	10.0	8.40	84.0	5.63	30	80 - 130
Dibromomethane	10.0	10.8	108	3.30	30	72 - 134
Dichlorodifluoromethane	10.0	9.85	98.5	3.10	30	44 - 144
Ethyl Benzene	10.0	11.8	118	1.51	30	80 - 131
Hexachlorobutadiene	10.0	10.6	106	3.93	30	67 - 146
Isopropylbenzene	10.0	11.0	110	4.25	30	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	8.77	87.7	8.19	30	76 - 135
Methylene chloride	10.0	10.4	104	1.55	30	55 - 137
Naphthalene	10.0	10.6	106	12.0	30	70 - 147
n-Butylbenzene	10.0	13.7	137 *	2.66	30	79 - 132
n-Propylbenzene	10.0	12.1	121	4.04	30	78 - 133
o-Xylene	10.0	11.1	111	0.631	30	78 - 130
p- & m- Xylenes	20.0	24.1	120	0.291	30	77 - 133
p-Diethylbenzene	10.0	12.0	120	2.63	30	84 - 134
p-Ethyltoluene	10.0	11.8	118	3.17	30	88 - 129
p-Isopropyltoluene	10.0	11.8	118	3.17	30	81 - 136
sec-Butylbenzene	10.0	11.0	110	3.90	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260C

Laboratory:York Analytical Laboratories, Inc.

SDG:16E0003

Client:Leggette Brashears & Graham White Plains Office

Project:Deluxe

Matrix:Water

Batch:BE60298

Laboratory ID:BE60298-BSD1

Preparation:EPA 5030B

Initial/Final:25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Styrene	10.0	11.5	115	2.19	30	67 - 132
tert-Butylbenzene	10.0	10.3	103	4.37	30	77 - 138
Tetrachloroethylene	10.0	9.03	90.3	2.19	30	82 - 131
Toluene	10.0	11.1	111	0.984	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.75	97.5	0.715	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.2	102	4.60	30	78 - 131
Trichloroethylene	10.0	10.7	107	1.48	30	82 - 128
Trichlorofluoromethane	10.0	12.8	128	3.23	30	67 - 139
Vinyl Chloride	10.0	9.87	98.7	0.807	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.69	96.9	82 - 126
1,1,1-Trichloroethane	10.0	8.93	89.3	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.1	111	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.89	88.9	54 - 165
1,1,2-Trichloroethane	10.0	10.1	101	82 - 123
1,1-Dichloroethane	10.0	10.4	104	82 - 129
1,1-Dichloroethylene	10.0	9.86	98.6	68 - 138
1,1-Dichloropropylene	10.0	9.86	98.6	83 - 133
1,2,3-Trichlorobenzene	10.0	9.68	96.8	76 - 136
1,2,3-Trichloropropane	10.0	11.3	113	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.8	108	85 - 140
1,2,4-Trichlorobenzene	10.0	10.1	101	76 - 137
1,2,4-Trimethylbenzene	10.0	12.5	125	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.10	91.0	45 - 147
1,2-Dibromoethane	10.0	9.71	97.1	83 - 124
1,2-Dichlorobenzene	10.0	10.6	106	79 - 123
1,2-Dichloroethane	10.0	10.4	104	73 - 132
1,2-Dichloropropane	10.0	11.3	113	78 - 126
1,3,5-Trimethylbenzene	10.0	12.1	121	80 - 131
1,3-Dichlorobenzene	10.0	11.1	111	86 - 122
1,3-Dichloropropane	10.0	11.2	112	81 - 125
1,4-Dichlorobenzene	10.0	10.7	107	85 - 124
2,2-Dichloropropane	10.0	8.54	85.4	56 - 150
2-Butanone	10.0	10.2	102	49 - 152
2-Chlorotoluene	10.0	12.8	128	79 - 130
2-Hexanone	10.0	11.7	117	51 - 146
4-Chlorotoluene	10.0	12.2	122	79 - 128
4-Methyl-2-pentanone	10.0	10.7	107	57 - 145
Acetone	10.0	13.4	134	14 - 150
Benzene	10.0	9.75	97.5	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromobenzene	10.0	13.0	130 *	78 - 129
Bromochloromethane	10.0	9.77	97.7	77 - 128
Bromodichloromethane	10.0	10.9	109	79 - 128
Bromoform	10.0	6.95	69.5 *	78 - 133
Bromomethane	10.0	11.2	112	43 - 168
Carbon disulfide	10.0	9.19	91.9	68 - 146
Carbon tetrachloride	10.0	8.42	84.2	77 - 141
Chlorobenzene	10.0	10.0	100	88 - 120
Chloroethane	10.0	11.8	118	65 - 136
Chloroform	10.0	10.2	102	82 - 128
Chloromethane	10.0	7.58	75.8	43 - 155
cis-1,2-Dichloroethylene	10.0	9.74	97.4	83 - 129
cis-1,3-Dichloropropylene	10.0	10.4	104	80 - 131
Dibromochloromethane	10.0	8.09	80.9	80 - 130
Dibromomethane	10.0	10.7	107	72 - 134
Dichlorodifluoromethane	10.0	10.1	101	44 - 144
Ethyl Benzene	10.0	12.1	121	80 - 131
Hexachlorobutadiene	10.0	10.4	104	67 - 146
Isopropylbenzene	10.0	11.3	113	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	8.21	82.1	76 - 135
Methylene chloride	10.0	9.93	99.3	55 - 137
Naphthalene	10.0	9.80	98.0	70 - 147
n-Butylbenzene	10.0	14.2	142 *	79 - 132
n-Propylbenzene	10.0	12.5	125	78 - 133
o-Xylene	10.0	11.2	112	78 - 130
p- & m- Xylenes	20.0	24.3	122	77 - 133
p-Diethylbenzene	10.0	12.5	125	84 - 134
p-Ethyltoluene	10.0	12.1	121	88 - 129
p-Isopropyltoluene	10.0	12.2	122	81 - 136
sec-Butylbenzene	10.0	11.4	114	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	11.6	116	67 - 132
tert-Butylbenzene	10.0	10.7	107	77 - 138
Tetrachloroethylene	10.0	16.1	161 *	82 - 131
Toluene	10.0	11.3	113	80 - 127
trans-1,2-Dichloroethylene	10.0	9.80	98.0	80 - 132
trans-1,3-Dichloropropylene	10.0	9.73	97.3	78 - 131
Trichloroethylene	10.0	11.2	112	82 - 128
Trichlorofluoromethane	10.0	13.7	137	67 - 139
Vinyl Chloride	10.0	10.1	101	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	10.0	9.73	97.3	0.412	30	82 - 126
1,1,1-Trichloroethane	10.0	9.03	90.3	1.11	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.1	121	8.29	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.98	89.8	1.01	30	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	5.48	30	82 - 123
1,1-Dichloroethane	10.0	10.4	104	0.00	30	82 - 129
1,1-Dichloroethylene	10.0	9.89	98.9	0.304	30	68 - 138
1,1-Dichloropropylene	10.0	9.90	99.0	0.405	30	83 - 133
1,2,3-Trichlorobenzene	10.0	10.0	100	3.75	30	76 - 136
1,2,3-Trichloropropane	10.0	12.0	120	6.18	30	77 - 128
1,2,4,5-Tetramethylbenzene	10.0	10.6	106	1.87	30	85 - 140
1,2,4-Trichlorobenzene	10.0	10.4	104	2.94	30	76 - 137
1,2,4-Trimethylbenzene	10.0	12.4	124	0.723	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.53	95.3	4.62	30	45 - 147
1,2-Dibromoethane	10.0	10.2	102	5.31	30	83 - 124
1,2-Dichlorobenzene	10.0	10.6	106	0.284	30	79 - 123
1,2-Dichloroethane	10.0	10.8	108	4.05	30	73 - 132
1,2-Dichloropropane	10.0	11.5	115	1.31	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.0	120	0.993	30	80 - 131
1,3-Dichlorobenzene	10.0	11.1	111	0.0900	30	86 - 122
1,3-Dichloropropane	10.0	11.7	117	4.18	30	81 - 125
1,4-Dichlorobenzene	10.0	10.6	106	1.04	30	85 - 124
2,2-Dichloropropane	10.0	8.51	85.1	0.352	30	56 - 150
2-Butanone	10.0	9.68	96.8	5.33	30	49 - 152
2-Chlorotoluene	10.0	12.7	127	0.864	30	79 - 130
2-Hexanone	10.0	11.2	112	4.02	30	51 - 146
4-Chlorotoluene	10.0	12.0	120	1.40	30	79 - 128
4-Methyl-2-pentanone	10.0	11.3	113	5.45	30	57 - 145
Acetone	10.0	9.98	99.8	29.4	30	14 - 150
Benzene	10.0	9.84	98.4	0.919	30	85 - 126

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003Client: Leggette Brashears & Graham White Plains OfficeProject: DeluxeMatrix: WaterBatch: BE60338Laboratory ID: BE60338-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromobenzene	10.0	13.1	131 *	0.537	30	78 - 129
Bromochloromethane	10.0	10.2	102	3.91	30	77 - 128
Bromodichloromethane	10.0	11.2	112	2.81	30	79 - 128
Bromoform	10.0	7.61	76.1 *	9.07	30	78 - 133
Bromomethane	10.0	12.7	127	12.2	30	43 - 168
Carbon disulfide	10.0	9.29	92.9	1.08	30	68 - 146
Carbon tetrachloride	10.0	8.56	85.6	1.65	30	77 - 141
Chlorobenzene	10.0	10.2	102	1.48	30	88 - 120
Chloroethane	10.0	11.4	114	3.35	30	65 - 136
Chloroform	10.0	9.96	99.6	1.99	30	82 - 128
Chloromethane	10.0	8.00	80.0	5.39	30	43 - 155
cis-1,2-Dichloroethylene	10.0	9.79	97.9	0.512	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.6	106	1.81	30	80 - 131
Dibromochloromethane	10.0	8.56	85.6	5.65	30	80 - 130
Dibromomethane	10.0	11.3	113	5.46	30	72 - 134
Dichlorodifluoromethane	10.0	10.0	100	0.993	30	44 - 144
Ethyl Benzene	10.0	12.1	121	0.248	30	80 - 131
Hexachlorobutadiene	10.0	10.4	104	0.00	30	67 - 146
Isopropylbenzene	10.0	11.1	111	1.97	30	76 - 140
Methyl tert-butyl ether (MTBE)	10.0	8.63	86.3	4.99	30	76 - 135
Methylene chloride	10.0	9.93	99.3	0.00	30	55 - 137
Naphthalene	10.0	10.3	103	5.17	30	70 - 147
n-Butylbenzene	10.0	13.8	138 *	3.22	30	79 - 132
n-Propylbenzene	10.0	12.4	124	1.53	30	78 - 133
o-Xylene	10.0	11.3	113	0.800	30	78 - 130
p- & m- Xylenes	20.0	24.3	121	0.206	30	77 - 133
p-Diethylbenzene	10.0	12.2	122	2.35	30	84 - 134
p-Ethyltoluene	10.0	12.3	123	1.88	30	88 - 129
p-Isopropyltoluene	10.0	12.0	120	1.90	30	81 - 136
sec-Butylbenzene	10.0	11.3	113	1.58	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260C

Laboratory: York Analytical Laboratories, Inc.SDG: 16E0003

Client: Leggette Brashears & Graham White Plains OfficeProject: Deluxe

Matrix: Water

Batch: BE60338Laboratory ID: BE60338-BSD1

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Styrene	10.0	11.6	116	0.690	30	67 - 132
tert-Butylbenzene	10.0	10.6	106	1.13	30	77 - 138
Tetrachloroethylene	10.0	10.2	102	44.6 *	30	82 - 131
Toluene	10.0	11.3	113	0.531	30	80 - 127
trans-1,2-Dichloroethylene	10.0	9.89	98.9	0.914	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.2	102	4.42	30	78 - 131
Trichloroethylene	10.0	10.9	109	3.07	30	82 - 128
Trichlorofluoromethane	10.0	13.6	136	0.952	30	67 - 139
Vinyl Chloride	10.0	10.3	103	2.06	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000850.D
 Acq On : 5 May 2016 8:48 pm
 Operator : BK
 Sample : BE60261-BS1
 Misc : V8050516B Y16D116
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 06 13:56:04 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	214906	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	825230	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.241	152	370511	10.00	ppb	0.00

System Monitoring Compounds

34) d4-1,2-Dichloroethane ...	5.891	65	281152	10.92	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	109.20%
51) Toluene-d8 (SURR)	7.715	98	1056743	10.51	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	105.10%
70) p-Bromofluorobenzene (...)	10.506	95	421899	10.81	ppb	0.00
Spiked Amount	10.000	Range	70 - 130	Recovery	=	108.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.745	85	171767	10.68	ppb	# 99
3) Chloromethane	1.956	50	86570	7.25	ppb	94
4) Vinyl Chloride	2.071	62	109912	9.98	ppb	98
5) Bromomethane	2.444	94	35540	9.50	ppb	97
6) Chloroethane	2.553	64	52362	11.34	ppb	98
7) Trichlorofluoromethane	2.810	101	205878	12.98	ppb	100
8) Ethanol	3.097	45	23261	483.05	ppb	100
9) Freon-113	3.334	101	131370	9.38	ppb	95
10) 1,1-Dichloroethylene	3.362	61	228652	10.02	ppb	# 95
11) Acrolein	3.303	56	12241	8.87	ppb	91
12) Acetone	3.471	43	29104	9.52	ppb	99
13) Iodomethane	3.538	142	137905m	6.22	ppb	99
14) Methyl Acetate	3.775	43	63738	9.63	ppb	99
15) Carbon disulfide	3.593	76	323188	9.72	ppb	100
16) tert-Butyl Alcohol (TBA)	4.012	59	7835	8.48	ppb	# 97
17) Methylene Chloride	3.875	49	209502	9.62	ppb	86
18) Acrylonitrile	4.146	53	30688	10.01	ppb	# 91
19) trans-1,2-Dichloroethy...	4.123	61	219392	10.06	ppb	97
20) tert-Butyl Methyl Ethe...	4.107	73	290143	9.00	ppb	# 93
21) 1,1-Dichloroethane	4.544	63	293675	10.63	ppb	99
22) Vinyl Acetate	4.569	43	434324	10.19	ppb	100
23) Diisopropyl ether (DIPE)	4.550	45	505723	8.62	ppb	96
24) Ethyl-tert-Butyl ether...	4.896	59	364197	7.67	ppb	97
25) cis-1,2-Dichloroethylene	5.102	61	256030	9.92	ppb	94
26) 2-Butanone	5.127	72	11321	9.79	ppb	# 68
27) 2,2-Dichloropropane	5.085	77	182732	8.54	ppb	# 77
28) Tetrahydrofuran	5.392	42	28123	10.13	ppb	77

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000850.D
 Acq On : 5 May 2016 8:48 pm
 Operator : BK
 Sample : BE60261-BS1
 Misc : V8050516B Y16D116
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 06 13:56:04 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
29)	Bromochloromethane	5.342	49	126772	10.48	ppb	87
30)	Chloroform	5.403	83	276302	9.98	ppb #	98
31)	1,1,1-Trichloroethane	5.559	97	233861	9.18	ppb	98
32)	Cyclohexane	5.590	56	265431	9.51	ppb	83
33)	1,1-Dichloropropylene	5.710	75	206625	10.05	ppb #	71
35)	Carbon Tetrachloride	5.710	117	201845	8.76	ppb	99
36)	tert-Amyl alcohol (TAA)	4.896	59	364197	79.73	ppb #	54
37)	1,2-Dichloroethane	5.964	62	175625	10.63	ppb #	97
38)	Benzene	5.919	78	587790	9.94	ppb #	95
39)	tert-Amyl methyl ether...	5.980	73	285577	7.86	ppb #	86
41)	Trichloroethylene	6.527	95	155722	10.82	ppb	97
42)	Methyl Cyclohexane	6.675	83	238628	10.77	ppb #	85
43)	Methyl Methacrylate	6.831	69	62034	11.36	ppb #	55
44)	Dibromomethane	6.906	93	68284	11.18	ppb #	66
45)	Bromodichloromethane	7.046	83	181052	10.85	ppb #	95
46)	1,2-Dichloropropane	6.770	63	156120	11.47	ppb #	81
47)	1,4-Dioxane	6.912	88	8021	260.17	ppb	91
49)	cis-1,3-Dichloropropene	7.467	75	205961	10.54	ppb	89
50)	4-Methyl-2-Pentanone	7.601	43	186411	12.00	ppb #	82
52)	Toluene	7.785	91	629216	11.22	ppb	98
53)	trans-1,3-Dichloropropene	8.030	75	160027	10.12	ppb	99
54)	1,1,2-Trichloroethane	8.231	97	96604	10.78	ppb	92
55)	1,3-Dichloropropane	8.404	76	169835	11.67	ppb #	66
56)	Tetrachloroethylene	8.340	166	155426	9.77	ppb #	70
57)	2-Hexanone	8.448	43	69672	11.94	ppb #	86
58)	Dibromochloromethane	8.649	129	105463	8.73	ppb	97
59)	1,2-Dibromoethane	8.775	107	92338	10.51	ppb	93
60)	Chlorobenzene	9.263	112	385897	10.22	ppb #	94
61)	1,1,1,2-tetrachloroethane	9.346	131	139028	10.13	ppb	94
62)	Ethyl Benzene	9.346	91	724983	11.90	ppb	99
63)	p- & m-Xylenes	9.466	91	1109841	23.89	ppb	97
64)	o-Xylene	9.907	91	557261	11.21	ppb	100
65)	Styrene	9.929	104	442992	11.77	ppb #	77
66)	Bromofrom	10.186	173	46659	7.77	ppb	98
68)	p-Ethyltoluene	11.368	105	614114	12.28	ppb	100
69)	Isopropylbenzene	10.294	105	674954	11.20	ppb	95
71)	1,1,2,2-Tetrachloroethane	10.682	83	115512	13.13	ppb #	72
72)	Bromobenzene	10.682	77	265685	13.18	ppb	96
73)	trans-1,4-Dichloro-2-b...	10.738	75	111238	12.14	ppb #	69
74)	1,2,3-Trichloropropane	10.735	110	29698	12.57	ppb #	18
75)	n-Propylbenzene	10.749	91	830104	12.23	ppb	99

Data Path : C:\msdchem\1\data\050516\
Data File : V8000850.D
Acq On : 5 May 2016 8:48 pm
Operator : BK
Sample : BE60261-BS1
Misc : V8050516B Y16D116
ALS Vial : 25 Sample Multiplier: 1

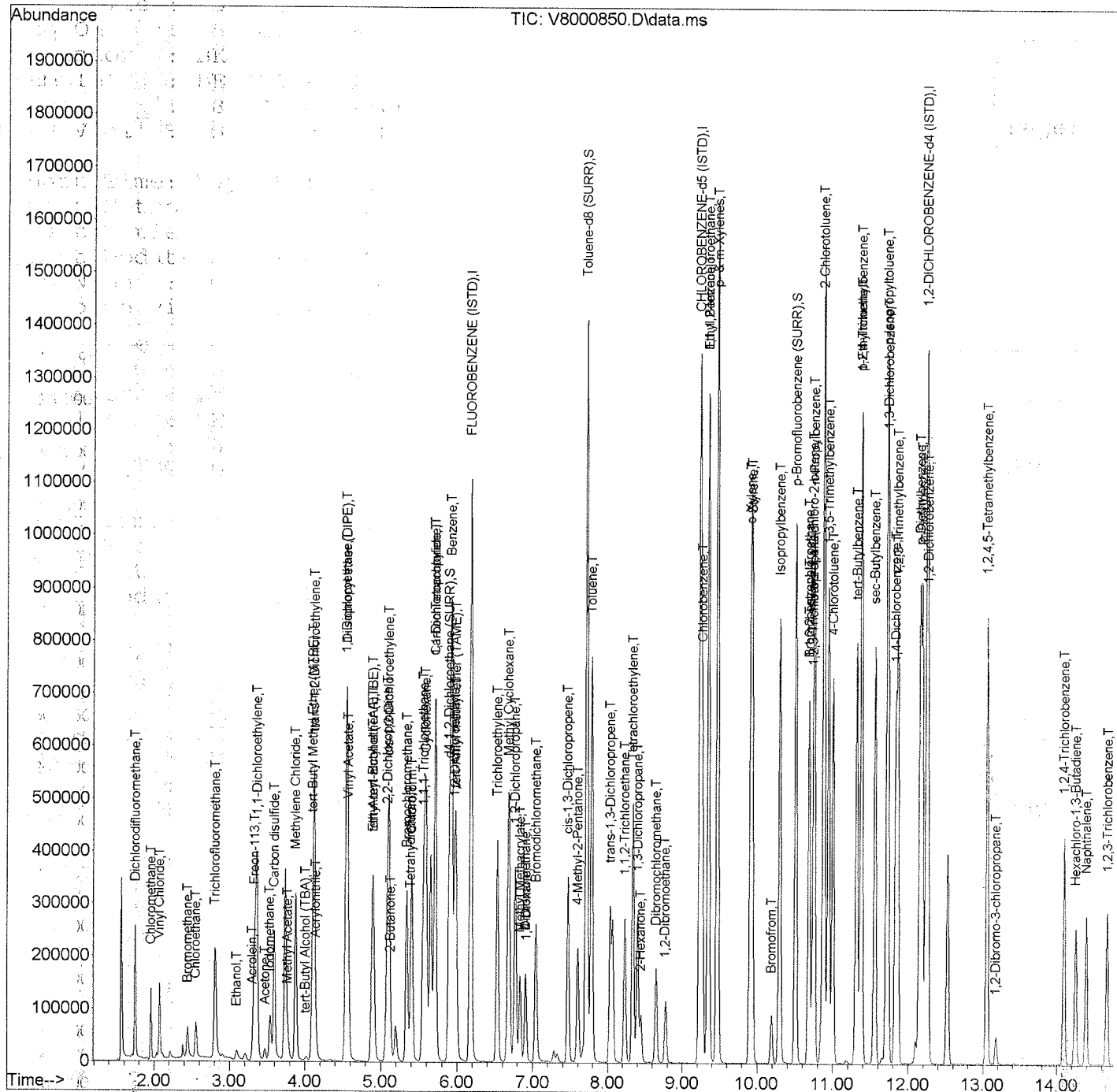
Quant Time: May 06 13:56:04 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76)	2-Chlorotoluene	10.875	91	558771	12.46	ppb	99
77)	4-Chlorotoluene	10.997	91	503204	12.03	ppb	99
78)	1,3,5-Trimethylbenzene	10.939	105	606000	12.15	ppb #	97
79)	tert-Butylbenzene	11.310	119	480868	10.76	ppb	99
80)	1,2,4-Trimethylbenzene	11.368	105	614114	12.34	ppb #	80
81)	sec-Butylbenzene	11.552	105	683096	11.24	ppb	98
82)	1,3-Dichlorobenzene	11.725	146	303385	11.34	ppb	98
83)	p-Isopropyltoluene	11.711	119	651066	12.07	ppb	97
84)	1,4-Dichlorobenzene	11.825	146	297909	10.95	ppb	96
85)	1,2,3-Trimethylbenzene	11.856	105	562429	11.62	ppb	96
86)	p-Diethylbenzene	12.149	105	348179	12.06	ppb #	44
87)	1,2-Dichlorobenzene	12.260	146	265872	10.89	ppb #	86
88)	n-Butylbenzene	12.180	91	708958	13.46	ppb	91
89)	1,2-Dibromo-3-chloropr...	13.170	75	15017	10.59	ppb	93
90)	1,2,4,5-Tetramethylben...	13.050	119	554898	11.04	ppb	97
91)	1,2,4-Trichlorobenzene	14.093	180	145107	11.24	ppb	98
92)	Hexachloro-1,3-Butadiene	14.246	225	55580	10.78	ppb	94
93)	Naphthalene	14.388	128	257789	11.56	ppb	98
94)	1,2,3-Trichlorobenzene	14.670	180	100803	11.11	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050516\
Data File : V8000850.D
Acq On : 5 May 2016 8:48 pm
Operator : BK
Sample : BE60261-BS1
Misc : V8050516B Y16D116
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 06 13:56:04 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\050516\
 Data File : V8000851.D
 Acq On : 5 May 2016 9:14 pm
 Operator : BK
 Sample : BE60261-BSD1
 Misc : V8050516B Y16D116
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 06 13:57:11 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	219852	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	848197	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	384702	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	295770	11.23	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	112.30%		
51) Toluene-d8 (SURR)	7.718	98	1083730	10.49	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.90%		
70) p-Bromofluorobenzene (...)	10.501	95	432755	10.68	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.80%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.745	85	167600	10.19	ppb	# 99
3) Chloromethane	1.956	50	91065	7.39	ppb	# 92
4) Vinyl Chloride	2.071	62	110561	9.81	ppb	# 89
5) Bromomethane	2.442	94	38648	9.90	ppb	98
6) Chloroethane	2.556	64	54108	11.45	ppb	98
7) Trichlorofluoromethane	2.810	101	199908	12.32	ppb	99
8) Ethanol	3.094	45	26383	535.55	ppb	100
9) Freon-113	3.337	101	129853	9.06	ppb	95
10) 1,1-Dichloroethylene	3.365	61	227964	9.77	ppb	# 95
11) Acrolein	3.301	56	11839	8.38	ppb	92
12) Acetone	3.468	43	38075	13.04	ppb	100
13) Iodomethane	3.540	142	136864m	6.02	ppb	99
14) Methyl Acetate	3.775	43	68419	10.10	ppb	100
15) Carbon disulfide	3.596	76	322958	9.49	ppb	97
16) tert-Butyl Alcohol (TBA)	4.014	59	8033	8.50	ppb	# 86
17) Methylene Chloride	3.878	49	214878	9.64	ppb	# 61
18) Acrylonitrile	4.148	53	32310	10.30	ppb	97
19) trans-1,2-Dichloroethy...	4.126	61	222180	9.96	ppb	97
20) tert-Butyl Methyl Ethe...	4.106	73	304649	9.24	ppb	99
21) 1,1-Dichloroethane	4.544	63	296365	10.48	ppb	100
22) Vinyl Acetate	4.569	43	434052	9.95	ppb	96
23) Diisopropyl ether (DIPE)	4.547	45	513153	8.55	ppb	97
24) Ethyl-tert-Butyl ether...	4.896	59	377277	7.77	ppb	94
25) cis-1,2-Dichloroethylene	5.102	61	259609	9.84	ppb	# 71
26) 2-Butanone	5.124	72	13287	11.54	ppb	# 77
27) 2,2-Dichloropropane	5.083	77	182852	8.35	ppb	# 60
28) Tetrahydrofuran	5.389	42	28879	10.17	ppb	

Data Path : C:\msdchem\1\data\050516\
 Data File : V8000851.D
 Acq On : 5 May 2016 9:14 pm
 Operator : BK
 Sample : BE60261-BSD1
 Misc : V8050516B Y16D116
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 06 13:57:11 2016
 Quant Method : C:\msdchem\1\methods\V8LO0005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Bromochloromethane	5.342	49	126405	10.21	ppb	88
30) Chloroform	5.403	83	284767	10.06	ppb	# 96
31) 1,1,1-Trichloroethane	5.557	97	235829	9.05	ppb	98
32) Cyclohexane	5.590	56	257888	9.04	ppb	# 83
33) 1,1-Dichloropropylene	5.707	75	207322	9.85	ppb	# 71
35) Carbon Tetrachloride	5.707	117	200762	8.52	ppb	99
36) tert-Amyl alcohol (TAA)	4.896	59	377277	80.73	ppb	# 53
37) 1,2-Dichloroethane	5.964	62	182939	10.83	ppb	# 97
38) Benzene	5.919	78	593360	9.81	ppb	# 94
39) tert-Amyl methyl ether...	5.980	73	296910	7.99	ppb	# 86
41) Trichloroethylene	6.527	95	156384	10.58	ppb	98
42) Methyl Cyclohexane	6.678	83	235264	10.33	ppb	# 85
43) Methyl Methacrylate	6.831	69	63463	11.31	ppb	# 66
44) Dibromomethane	6.906	93	70790	11.27	ppb	# 66
45) Bromodichloromethane	7.043	83	186872	10.89	ppb	# 96
46) 1,2-Dichloropropane	6.770	63	156372	11.18	ppb	97
47) 1,4-Dioxane	6.909	88	9732	302.65	ppb	94
49) cis-1,3-Dichloropropene	7.467	75	212199	10.56	ppb	89
50) 4-Methyl-2-Pentanone	7.598	43	190397	11.93	ppb	# 83
52) Toluene	7.785	91	634956	11.01	ppb	98
53) trans-1,3-Dichloropropene	8.030	75	164754	10.14	ppb	# 92
54) 1,1,2-Trichloroethane	8.228	97	98416	10.68	ppb	92
55) 1,3-Dichloropropane	8.404	76	174409	11.66	ppb	# 77
56) Tetrachloroethylene	8.340	166	206261	12.61	ppb	# 70
57) 2-Hexanone	8.448	43	73546	12.27	ppb	# 86
58) Dibromochloromethane	8.652	129	108536	8.74	ppb	98
59) 1,2-Dibromoethane	8.777	107	95513	10.57	ppb	93
60) Chlorobenzene	9.263	112	389710	10.04	ppb	# 95
61) 1,1,1,2-tetrachloroethane	9.346	131	139920	9.92	ppb	94
62) Ethyl Benzene	9.346	91	725083	11.58	ppb	99
63) p- & m-Xylenes	9.466	91	1112536	23.30	ppb	97
64) o-Xylene	9.907	91	557204	10.90	ppb	100
65) Styrene	9.929	104	443766	11.48	ppb	# 77
66) Bromofrom	10.189	173	48346	7.83	ppb	98
68) p-Ethyltoluene	10.939	105	598966	11.53	ppb	99
69) Isopropylbenzene	10.294	105	673342	10.76	ppb	95
71) 1,1,2,2-Tetrachloroethane	10.679	83	110131	12.06	ppb	# 70
72) Bromobenzene	10.682	77	261775	12.50	ppb	96
73) trans-1,4-Dichloro-2-b...	10.738	75	113409	11.92	ppb	# 71
74) 1,2,3-Trichloropropane	10.735	110	29265	11.93	ppb	# 19
75) n-Propylbenzene	10.749	91	827673	11.74	ppb	99

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Acq On : 5 May 2016 9:14 pm
Operator : BK
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Misc : V8050516B Y16D116
ALS Vial : 26 Sample Multiplier: 1

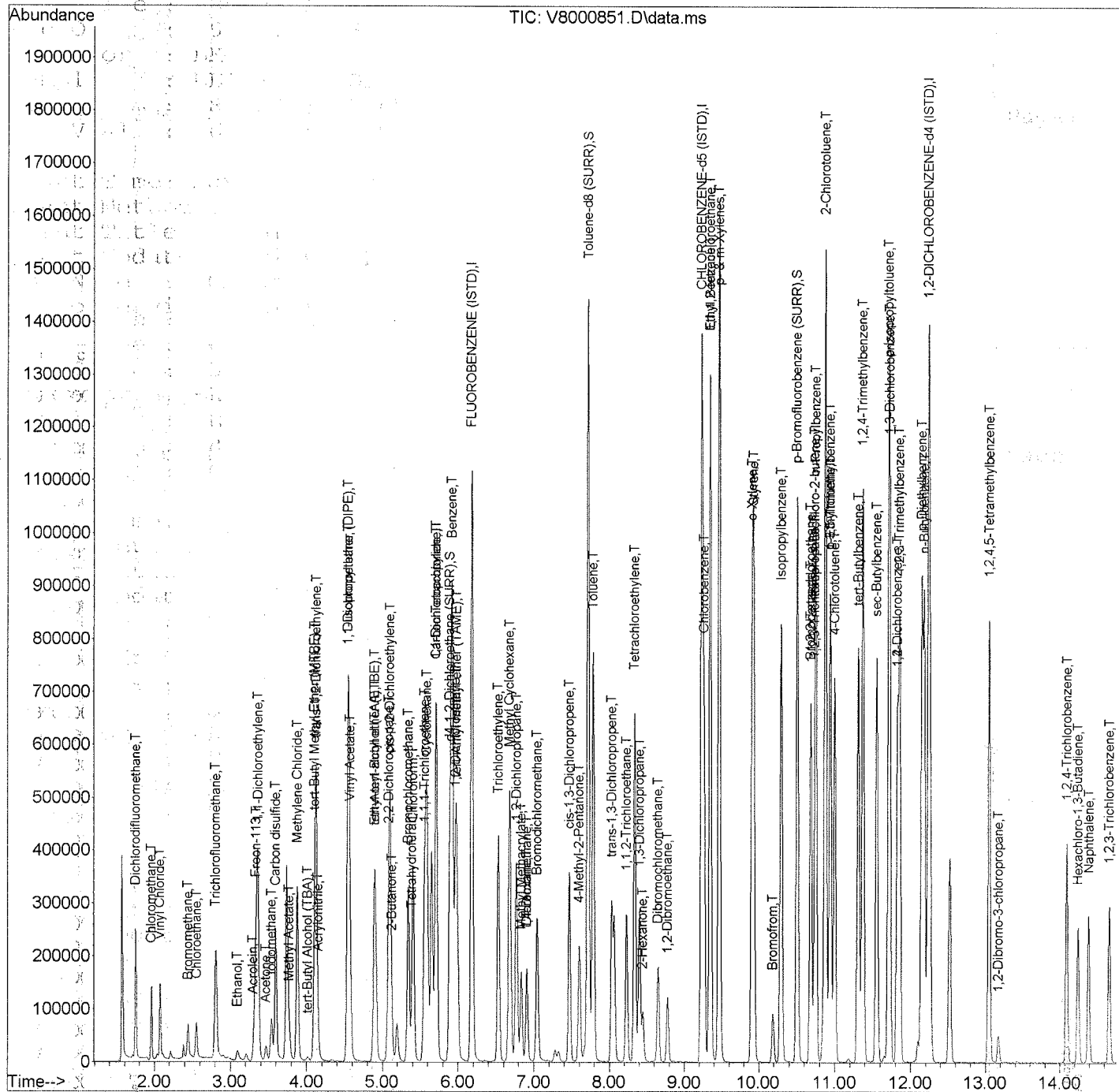
Quant Time: May 06 13:57:11 2016
Quant Method : C:\msdchem\1\methods\V8LO0005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76)	2-Chlorotoluene	10.877	91	557872	11.98	ppb	99
77)	4-Chlorotoluene	10.997	91	497162	11.44	ppb	99
78)	1,3,5-Trimethylbenzene	10.939	105	598966	11.57	ppb	97
79)	tert-Butylbenzene	11.310	119	474395	10.22	ppb	99
80)	1,2,4-Trimethylbenzene	11.368	105	612297	11.85	ppb	# 80
81)	sec-Butylbenzene	11.555	105	672341	10.66	ppb	99
82)	1,3-Dichlorobenzene	11.725	146	301859	10.86	ppb	98
83)	p-Isopropyltoluene	11.711	119	646410	11.54	ppb	97
84)	1,4-Dichlorobenzene	11.825	146	295624	10.47	ppb	96
85)	1,2,3-Trimethylbenzene	11.856	105	553267	11.01	ppb	96
86)	p-Diethylbenzene	12.152	105	341905	11.41	ppb	# 43
87)	1,2-Dichlorobenzene	11.825	146	295624	11.66	ppb	99
88)	n-Butylbenzene	12.182	91	700760	12.82	ppb	91
89)	1,2-Dibromo-3-chloropr...	13.175	75	14461	9.82	ppb	# 61
90)	1,2,4,5-Tetramethylben...	13.050	119	544028	10.43	ppb	97
91)	1,2,4-Trichlorobenzene	14.093	180	143151	10.68	ppb	97
92)	Hexachloro-1,3-Butadiene	14.246	225	54470	10.22	ppb	95
93)	Naphthalene	14.391	128	260946	11.27	ppb	98
94)	1,2,3-Trichlorobenzene	14.667	180	100682	10.68	ppb	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050516\
Data File : V8000851.D
Acq On : 5 May 2016 9:14 pm
Operator : BK
Sample : BE60261-BSD1
Misc : V8050516B Y16D116
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 06 13:57:11 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
InstName : VOA No. 8
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\050616\
 Data File : V8000873.D
 Acq On : 6 May 2016 9:18 am
 Operator : BK
 Sample : BE60298-BS1
 Misc : V8050616A Y16D116
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 06 09:41:19 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	205415	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	755107	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	329516	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	252486	10.26	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	102.60%	
51) Toluene-d8 (SURR)	7.715	98	982451	10.68	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.80%	
70) p-Bromofluorobenzene (...)	10.504	95	386301	11.13	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	111.30%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	156235	10.16	ppb	99
3) Chloromethane	1.954	50	78590	6.99	ppb	94
4) Vinyl Chloride	2.071	62	104730	9.95	ppb	98
5) Bromomethane	2.442	94	36929	10.05	ppb	95
6) Chloroethane	2.556	64	48148	10.90	ppb	99
7) Trichlorofluoromethane	2.810	101	200121	13.20	ppb	100
8) Ethanol	3.094	45	21493	466.95	ppb	100
9) Freon-113	3.334	101	119605	8.93	ppb	94
10) 1,1-Dichloroethylene	3.362	61	214210	9.82	ppb	# 94
11) Acrolein	3.301	56	9989	7.57	ppb	94
12) Acetone	3.468	43	24743	8.12	ppb	99
13) Iodomethane	3.540	142	132361m	6.25	ppb	
14) Methyl Acetate	3.772	43	51543	8.14	ppb	99
15) Carbon disulfide	3.596	76	296447	9.32	ppb	100
16) tert-Butyl Alcohol (TBA)	4.020	59	5924	6.71	ppb	# 97
17) Methylene Chloride	3.878	49	213141	10.26	ppb	84
18) Acrylonitrile	4.148	53	22586	7.71	ppb	94
19) trans-1,2-Dichloroethy...	4.123	61	204747	9.82	ppb	97
20) tert-Butyl Methyl Ethe...	4.106	73	248943	8.08	ppb	96
21) 1,1-Dichloroethane	4.544	63	273651	10.36	ppb	# 88
22) Vinyl Acetate	4.567	43	386473	9.48	ppb	100
23) Diisopropyl ether (DIPE)	4.550	45	458498	8.18	ppb	# 93
24) Ethyl-tert-Butyl ether...	4.896	59	323776	7.14	ppb	# 84
25) cis-1,2-Dichloroethylene	5.102	61	242645	9.84	ppb	92
26) 2-Butanone	5.130	72	8724	7.48	ppb	# 71
27) 2,2-Dichloropropane	5.080	77	195928	9.58	ppb	# 83
28) Tetrahydrofuran	5.389	42	21105	7.96	ppb	79
29) Bromochloromethane	5.342	49	111508	9.64	ppb	87
30) Chloroform	5.406	83	258261	9.76	ppb	# 96
31) 1,1,1-Trichloroethane	5.559	97	220363	9.05	ppb	# 72
32) Cyclohexane	5.587	56	239092	8.97	ppb	# 83
33) 1,1-Dichloropropylene	5.710	75	193901	9.86	ppb	# 71
35) Carbon Tetrachloride	5.710	117	187047	8.50	ppb	99
36) tert-Amyl alcohol (TAA)	4.896	59	323776	74.15	ppb	# 53
37) 1,2-Dichloroethane	5.961	62	156569	9.92	ppb	98
38) Benzene	5.919	78	541685	9.59	ppb	# 95
39) tert-Amyl methyl ether...	5.980	73	253225	7.29	ppb	# 86
41) Trichloroethylene	6.527	95	143183	10.88	ppb	96
42) Methyl Cyclohexane	6.678	83	217093	10.71	ppb	# 83
43) Methyl Methacrylate	6.834	69	50186	10.05	ppb	# 54
44) Dibromomethane	6.903	93	58230	10.42	ppb	95
45) Bromodichloromethane	7.043	83	163494	10.70	ppb	# 95
46) 1,2-Dichloropropane	6.767	63	140200	11.26	ppb	# 80
47) 1,4-Dioxane	6.912	88	7638	269.74	ppb	91
49) cis-1,3-Dichloropropene	7.470	75	186807	10.44	ppb	# 88
50) 4-Methyl-2-Pentanone	7.598	43	145006	10.20	ppb	# 82
52) Toluene	7.785	91	576277	11.23	ppb	98
53) trans-1,3-Dichloropropene	8.033	75	141527	9.78	ppb	99
54) 1,1,2-Trichloroethane	8.231	97	80992	9.87	ppb	91

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000873.D
 Acq On : 6 May 2016 9:18 am
 Operator : BK
 Sample : BE60298-BS1
 Misc : V8050616A Y16D116
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 06 09:41:19 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,3-Dichloropropane	8.404	76	144558	10.86	ppb	# 76
56) Tetrachloroethylene	8.340	166	134402	9.23	ppb	# 70
57) 2-Hexanone	8.446	43	53350	9.99	ppb	# 86
58) Dibromochloromethane	8.649	129	87821	7.94	ppb	96
59) 1,2-Dibromoethane	8.777	107	77142	9.59	ppb	94
60) Chlorobenzene	9.263	112	343828	9.95	ppb	# 92
61) 1,1,1,2-tetrachloroethane	9.346	131	119886	9.54	ppb	94
62) Ethyl Benzene	9.346	91	669085	12.00	ppb	100
63) p- & m-Xylenes	9.466	91	1025527	24.13	ppb	98
64) o-Xylene	9.907	91	503256	11.06	ppb	100
65) Styrene	9.929	104	388777	11.29	ppb	# 77
66) Bromofrom	10.186	173	37310	6.79	ppb	98
68) p-Ethyltoluene	10.941	105	540745	12.16	ppb	99
69) Isopropylbenzene	10.294	105	617995	11.53	ppb	95
71) 1,1,2,2-Tetrachloroethane	10.682	83	89306	11.42	ppb	# 55
72) Bromobenzene	10.679	77	233749	13.04	ppb	94
73) trans-1,4-Dichloro-2-b...	10.738	75	90951	11.16	ppb	# 61
74) 1,2,3-Trichloropropane	10.738	110	23403	11.13	ppb	# 7
75) n-Propylbenzene	10.752	91	762827	12.63	ppb	98
76) 2-Chlorotoluene	10.877	91	510836	12.81	ppb	99
77) 4-Chlorotoluene	11.000	91	452321	12.16	ppb	100
78) 1,3,5-Trimethylbenzene	10.941	105	540745	12.19	ppb	# 97
79) tert-Butylbenzene	11.310	119	427238	10.75	ppb	98
80) 1,2,4-Trimethylbenzene	11.368	105	556869	12.58	ppb	# 81
81) sec-Butylbenzene	11.552	105	620880	11.49	ppb	99
82) 1,3-Dichlorobenzene	11.725	146	266177	11.18	ppb	97
83) p-Isopropyltoluene	11.711	119	584526	12.18	ppb	96
84) 1,4-Dichlorobenzene	11.825	146	259110	10.71	ppb	95
85) 1,2,3-Trimethylbenzene	11.856	105	496275	11.53	ppb	95
86) p-Diethylbenzene	12.152	105	316549	12.33	ppb	# 39
87) 1,2-Dichlorobenzene	12.260	146	226722	10.44	ppb	98
88) n-Butylbenzene	12.180	91	658717	14.07	ppb	88
89) 1,2-Dibromo-3-chloropr...	13.175	75	11399	9.04	ppb	# 63
90) 1,2,4,5-Tetramethylben...	13.050	119	476723	10.67	ppb	96
91) 1,2,4-Trichlorobenzene	14.093	180	116059	10.11	ppb	97
92) Hexachloro-1,3-Butadiene	14.249	225	46637	10.22	ppb	95
93) Naphthalene	14.391	128	185871	9.37	ppb	98
94) 1,2,3-Trichlorobenzene	14.670	180	75565	9.36	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000874.D
 Acq On : 6 May 2016 9:43 am
 Operator : BK
 Sample : BE60298-BSD1
 Misc : V8050616A Y16D116
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 06 13:16:53 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.179	70	207512	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	779751	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	351954	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	270439	10.88	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	108.80%	
51) Toluene-d8 (SURR)	7.715	98	1008022	10.61	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.10%	
70) p-Bromofluorobenzene (...)	10.504	95	405024	10.93	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	109.30%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.745	85	152959	9.85	ppb	99
3) Chloromethane	1.954	50	87052	7.46	ppb	94
4) Vinyl Chloride	2.071	62	104980	9.87	ppb	98
5) Bromomethane	2.442	94	41838	10.88	ppb	98
6) Chloroethane	2.553	64	47452	10.64	ppb	98
7) Trichlorofluoromethane	2.810	101	195838	12.78	ppb	100
8) Ethanol	3.094	45	25003	537.72	ppb	100
9) Freon-113	3.337	101	120095	8.88	ppb	94
10) 1,1-Dichloroethylene	3.362	61	214118	9.72	ppb	# 95
11) Acrolein	3.304	56	11000	8.25	ppb	92
12) Acetone	3.471	43	26793	8.93	ppb	99
13) Iodomethane	3.541	142	124791m	5.80	ppb	
14) Methyl Acetate	3.769	43	60059	9.39	ppb	99
15) Carbon disulfide	3.596	76	297814	9.27	ppb	100
16) tert-Butyl Alcohol (TBA)	4.012	59	7180	8.05	ppb	# 97
17) Methylene Chloride	3.875	49	218692	10.42	ppb	85
18) Acrylonitrile	4.151	53	25968	8.77	ppb	# 96
19) trans-1,2-Dichloroethy...	4.121	61	205307	9.75	ppb	97
20) tert-Butyl Methyl Ethe...	4.107	73	273040	8.77	ppb	96
21) 1,1-Dichloroethane	4.544	63	276283	10.35	ppb	99
22) Vinyl Acetate	4.567	43	415580	10.09	ppb	100
23) Diisopropyl ether (DIPE)	4.553	45	481063	8.49	ppb	95
24) Ethyl-tert-Butyl ether...	4.896	59	348742	7.61	ppb	# 84
25) cis-1,2-Dichloroethylene	5.102	61	246899	9.91	ppb	92
26) 2-Butanone	5.130	72	10287m	9.09	ppb	
27) 2,2-Dichloropropane	5.083	77	197549	9.56	ppb	# 86
28) Tetrahydrofuran	5.387	42	26330m	9.83	ppb	
29) Bromochloromethane	5.342	49	117137	10.02	ppb	87
30) Chloroform	5.406	83	263395	9.86	ppb	# 96
31) 1,1,1-Trichloroethane	5.557	97	221186	8.99	ppb	98
32) Cyclohexane	5.585	56	245445	9.11	ppb	# 82
33) 1,1-Dichloropropylene	5.707	75	194715	9.80	ppb	# 71
35) Carbon Tetrachloride	5.707	117	187490	8.43	ppb	98
36) tert-Amyl alcohol (TAA)	4.896	59	348742	79.06	ppb	# 54
37) 1,2-Dichloroethane	5.964	62	168375	10.56	ppb	98
38) Benzene	5.919	78	555009	9.72	ppb	# 96
39) tert-Amyl methyl ether...	5.978	73	276303	7.88	ppb	# 91
41) Trichloroethylene	6.527	95	145676	10.72	ppb	96
42) Methyl Cyclohexane	6.681	83	218529	10.44	ppb	# 83
43) Methyl Methacrylate	6.831	69	55881	10.83	ppb	# 52
44) Dibromomethane	6.904	93	62172	10.77	ppb	95
45) Bromodichloromethane	7.043	83	173324	10.99	ppb	# 96
46) 1,2-Dichloropropane	6.767	63	146817	11.42	ppb	97
47) 1,4-Dioxane	6.909	88	9269	312.66	ppb	93
49) cis-1,3-Dichloropropene	7.467	75	198547	10.75	ppb	88
50) 4-Methyl-2-Pentanone	7.598	43	165959	11.31	ppb	# 82
52) Toluene	7.782	91	589606	11.12	ppb	98
53) trans-1,3-Dichloropropene	8.030	75	152950	10.24	ppb	# 89
54) 1,1,2-Trichloroethane	8.228	97	89340	10.55	ppb	92

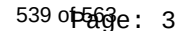
Data Path : C:\msdchem\1\data\050616\
 Data File : V8000874.D
 Acq On : 6 May 2016 9:43 am
 Operator : BK
 Sample : BE60298-BSD1
 Misc : V8050616A Y16D116
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 06 13:16:53 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,3-Dichloropropane	8.404	76	158423	11.52	ppb	# 90
56) Tetrachloroethylene	8.340	166	135694	9.03	ppb	# 81
57) 2-Hexanone	8.446	43	61854	11.22	ppb	# 85
58) Dibromochloromethane	8.649	129	95866	8.40	ppb	97
59) 1,2-Dibromoethane	8.778	107	84274	10.15	ppb	93
60) Chlorobenzene	9.263	112	355189	9.95	ppb	# 93
61) 1,1,1,2-tetrachloroethane	9.347	131	126796	9.77	ppb	94
62) Ethyl Benzene	9.347	91	680366	11.82	ppb	100
63) p- & m-Xylenes	9.466	91	1055992	24.06	ppb	98
64) o-Xylene	9.907	91	522700	11.13	ppb	100
65) Styrene	9.929	104	410258	11.54	ppb	# 77
66) Bromofrom	10.189	173	42311	7.46	ppb	# 85
68) p-Ethyltoluene	10.939	105	559907	11.78	ppb	# 88
69) Isopropylbenzene	10.295	105	632688	11.05	ppb	96
71) 1,1,2,2-Tetrachloroethane	10.682	83	102969	12.33	ppb	# 77
72) Bromobenzene	10.682	77	245643	12.83	ppb	94
73) trans-1,4-Dichloro-2-b...	10.738	75	102685	11.80	ppb	# 65
74) 1,2,3-Trichloropropane	10.738	110	26599	11.85	ppb	# 15
75) n-Propylbenzene	10.749	91	782404	12.13	ppb	98
76) 2-Chlorotoluene	10.877	91	525600	12.34	ppb	99
77) 4-Chlorotoluene	10.997	91	471263	11.86	ppb	100
78) 1,3,5-Trimethylbenzene	10.939	105	559907	11.82	ppb	# 98
79) tert-Butylbenzene	11.307	119	436983	10.29	ppb	98
80) 1,2,4-Trimethylbenzene	11.368	105	575400	12.17	ppb	# 80
81) sec-Butylbenzene	11.552	105	637749	11.05	ppb	98
82) 1,3-Dichlorobenzene	11.725	146	277019	10.90	ppb	98
83) p-Isopropyltoluene	11.711	119	604677	11.80	ppb	97
84) 1,4-Dichlorobenzene	11.826	146	271975	10.53	ppb	96
85) 1,2,3-Trimethylbenzene	11.854	105	514424	11.19	ppb	95
86) p-Diethylbenzene	12.149	105	329241	12.01	ppb	# 41
87) 1,2-Dichlorobenzene	12.261	146	245054	10.57	ppb	98
88) n-Butylbenzene	12.180	91	685040	13.70	ppb	91
89) 1,2-Dibromo-3-chloropr...	13.175	75	13043	9.68	ppb	93
90) 1,2,4,5-Tetramethylben...	13.050	119	506178	10.60	ppb	96
91) 1,2,4-Trichlorobenzene	14.093	180	130328	10.63	ppb	97
92) Hexachloro-1,3-Butadiene	14.249	225	52006	10.63	ppb	94
93) Naphthalene	14.391	128	224062	10.57	ppb	98
94) 1,2,3-Trichlorobenzene	14.670	180	88829	10.30	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 06 13:16:53 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\050616\
 Data File : V8000898.D
 Acq On : 6 May 2016 8:12 pm
 Operator : BK
 Sample : BE60338-BS1
 Misc : V8050616B Y16D116
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 09 09:40:56 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	188295	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	702979	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	312791	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	241849	10.72	ppb	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	107.20%	
51) Toluene-d8 (SURR)	7.715	98	914502	10.68	ppb	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	106.80%	
70) p-Bromofluorobenzene (...)	10.504	95	363443	11.04	ppb	0.00
Spiked Amount 10.000	Range 70	- 130	Recovery	=	110.40%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	142557	10.12	ppb	99
3) Chloromethane	1.956	50	80776	7.58	ppb	93
4) Vinyl Chloride	2.071	62	97291	10.08	ppb	98
5) Bromomethane	2.444	94	39704m	11.23	ppb	
6) Chloroethane	2.553	64	47922	11.84	ppb	98
7) Trichlorofluoromethane	2.807	101	190710	13.72	ppb	100
8) Ethanol	3.094	45	18679	442.71	ppb	100
9) Freon-113	3.334	101	109124	8.89	ppb	94
10) 1,1-Dichloroethylene	3.362	61	197052	9.86	ppb	# 94
11) Acrolein	3.303	56	9005	7.45	ppb	91
12) Acetone	3.468	43	33370	13.42	ppb	99
13) Iodomethane	3.540	142	105463m	5.37	ppb	
14) Methyl Acetate	3.772	43	51444	8.87	ppb	99
15) Carbon disulfide	3.596	76	267844	9.19	ppb	100
16) tert-Butyl Alcohol (TBA)	4.023	59	5312	6.56	ppb	# 97
17) Methylene Chloride	3.875	49	189368	9.93	ppb	84
18) Acrylonitrile	4.145	53	22790	8.48	ppb	# 60
19) trans-1,2-Dichloroethy...	4.126	61	187256	9.80	ppb	# 71
20) tert-Butyl Methyl Ethe...	4.106	73	231665	8.21	ppb	96
21) 1,1-Dichloroethane	4.544	63	252456	10.43	ppb	# 88
22) Vinyl Acetate	4.558	43	315881	8.45	ppb	# 100
23) Diisopropyl ether (DIPE)	4.550	45	428727	8.34	ppb	# 87
24) Ethyl-tert-Butyl ether...	4.893	59	301923	7.26	ppb	# 89
25) cis-1,2-Dichloroethylene	5.102	61	220051	9.74	ppb	93
26) 2-Butanone	5.124	72	10272	10.21	ppb	# 70
27) 2,2-Dichloropropane	5.082	77	160240	8.54	ppb	# 83
28) Tetrahydrofuran	5.395	42	19874	8.17	ppb	79
29) Bromochloromethane	5.342	49	103549	9.77	ppb	86
30) Chloroform	5.406	83	246380	10.16	ppb	# 96
31) 1,1,1-Trichloroethane	5.559	97	199239	8.93	ppb	# 86
32) Cyclohexane	5.587	56	221241	9.05	ppb	# 81
33) 1,1-Dichloropropylene	5.710	75	177740	9.86	ppb	# 71
35) Carbon Tetrachloride	5.707	117	169939	8.42	ppb	98
36) tert-Amyl alcohol (TAA)	4.893	59	301923	75.44	ppb	# 54
37) 1,2-Dichloroethane	5.964	62	150606	10.41	ppb	98
38) Benzene	5.919	78	505127	9.75	ppb	# 96
39) tert-Amyl methyl ether...	5.978	73	232583	7.31	ppb	# 91
41) Trichloroethylene	6.527	95	137809	11.24	ppb	96
42) Methyl Cyclohexane	6.680	83	196032	10.39	ppb	# 82
43) Methyl Methacrylate	6.834	69	47597	10.24	ppb	# 53
44) Dibromomethane	6.903	93	55641	10.69	ppb	94
45) Bromodichloromethane	7.043	83	154767	10.88	ppb	# 96
46) 1,2-Dichloropropane	6.767	63	131402	11.34	ppb	97
47) 1,4-Dioxane	6.915	88	7154	271.23	ppb	94
49) cis-1,3-Dichloropropene	7.467	75	173350	10.41	ppb	# 88
50) 4-Methyl-2-Pentanone	7.601	43	141720	10.71	ppb	# 82
52) Toluene	7.785	91	538456	11.27	ppb	98
53) trans-1,3-Dichloropropene	8.030	75	131119	9.73	ppb	99

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000898.D
 Acq On : 6 May 2016 8:12 pm
 Operator : BK
 Sample : BE60338-BS1
 Misc : V8050616B Y16D116
 ALS Vial : 28 Sample Multiplier: 1

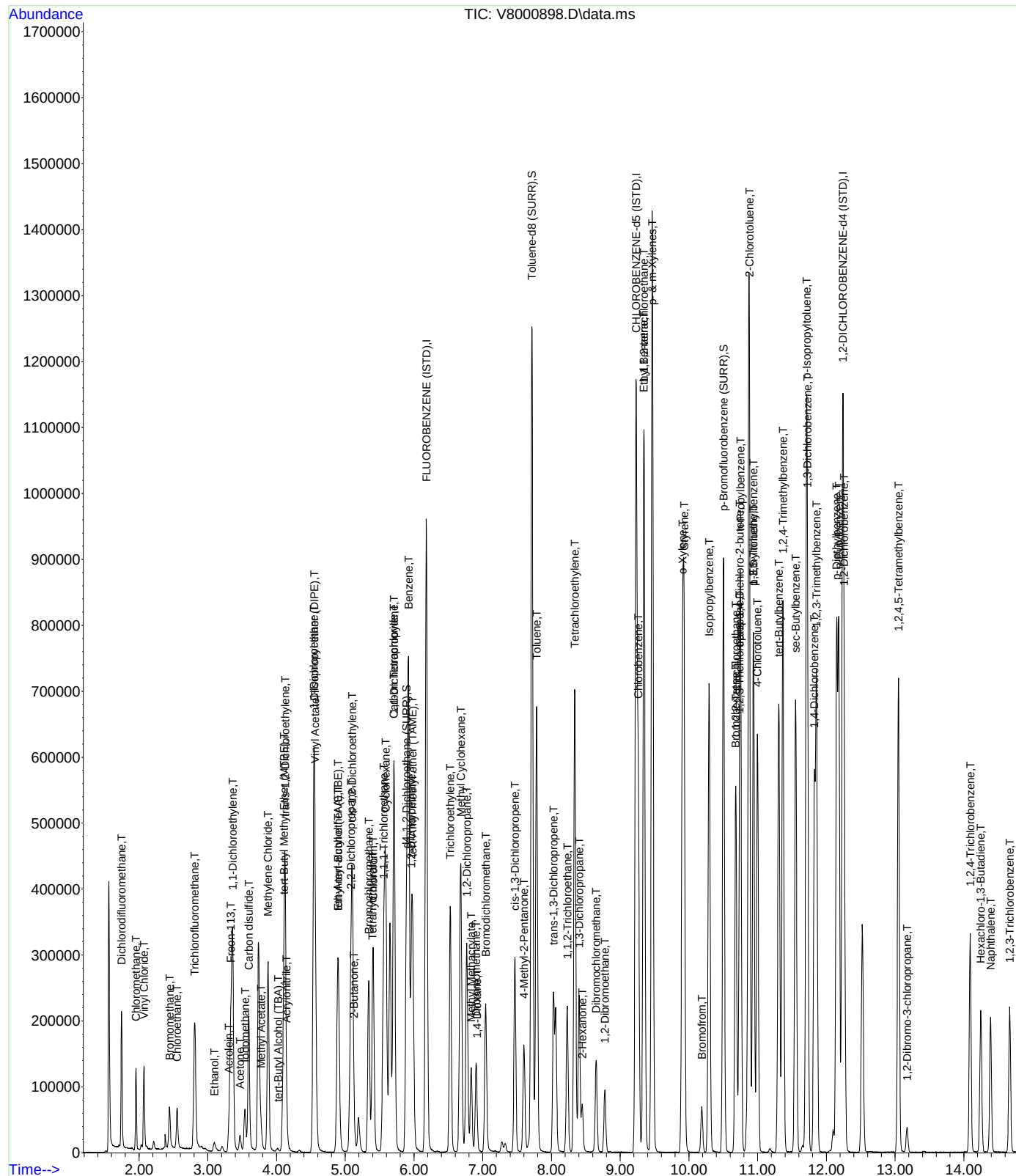
Quant Time: May 09 09:40:56 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,1,2-Trichloroethane	8.231	97	77196	10.11	ppb	90
55) 1,3-Dichloropropane	8.404	76	139481	11.25	ppb #	77
56) Tetrachloroethylene	8.340	166	218594	16.13	ppb	96
57) 2-Hexanone	8.451	43	57931	11.66	ppb #	85
58) Dibromochloromethane	8.649	129	83207	8.09	ppb	97
59) 1,2-Dibromoethane	8.777	107	72668	9.71	ppb	94
60) Chlorobenzene	9.263	112	323293	10.05	ppb #	92
61) 1,1,1,2-tetrachloroethane	9.346	131	113381	9.69	ppb	95
62) Ethyl Benzene	9.343	91	627720	12.09	ppb	100
63) p- & m-Xylenes	9.466	91	963220	24.34	ppb	98
64) o-Xylene	9.907	91	474657	11.21	ppb	100
65) Styrene	9.929	104	370112	11.55	ppb #	96
66) Bromoform	10.186	173	35535	6.95	ppb #	85
68) p-Ethyltoluene	10.939	105	511168	12.11	ppb #	87
69) Isopropylbenzene	10.294	105	575220	11.30	ppb	96
71) 1,1,2,2-Tetrachloroethane	10.682	83	82442	11.10	ppb #	55
72) Bromobenzene	10.679	77	221032	12.99	ppb	93
73) trans-1,4-Dichloro-2-b...	10.738	75	86871	11.23	ppb #	60
74) 1,2,3-Trichloropropane	10.735	110	22519	11.29	ppb #	9
75) n-Propylbenzene	10.749	91	718979	12.54	ppb	97
76) 2-Chlorotoluene	10.880	91	484082	12.78	ppb	99
77) 4-Chlorotoluene	10.997	91	431169	12.21	ppb	100
78) 1,3,5-Trimethylbenzene	10.939	105	511168	12.14	ppb #	97
79) tert-Butylbenzene	11.307	119	402786	10.68	ppb	97
80) 1,2,4-Trimethylbenzene	11.368	105	524840	12.49	ppb #	82
81) sec-Butylbenzene	11.552	105	587529	11.45	ppb	98
82) 1,3-Dichlorobenzene	11.725	146	250724	11.10	ppb	97
83) p-Isopropyltoluene	11.711	119	555106	12.19	ppb	97
84) 1,4-Dichlorobenzene	11.825	146	245207	10.68	ppb	95
85) 1,2,3-Trimethylbenzene	11.856	105	473926	11.60	ppb	95
86) p-Diethylbenzene	12.149	105	304377	12.49	ppb #	40
87) 1,2-Dichlorobenzene	12.258	146	218212	10.59	ppb #	86
88) n-Butylbenzene	12.180	91	631810	14.21	ppb	90
89) 1,2-Dibromo-3-chloropr...	13.175	75	10902	9.10	ppb	95
90) 1,2,4,5-Tetramethylben...	13.050	119	457848	10.79	ppb	97
91) 1,2,4-Trichlorobenzene	14.092	180	109581	10.06	ppb	96
92) Hexachloro-1,3-Butadiene	14.246	225	44974	10.37	ppb	93
93) Naphthalene	14.388	128	184472	9.80	ppb	97
94) 1,2,3-Trichlorobenzene	14.670	180	74181	9.68	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000898.D
 Acq On : 6 May 2016 8:12 pm
 Operator : BK
 Sample : BE60338-BS1
 Misc : V8050616B Y16D116
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 09 09:40:56 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration



Data Path : C:\msdchem\1\data\050616\
 Data File : V8000899.D
 Acq On : 6 May 2016 8:38 pm
 Operator : BK
 Sample : BE60338-BSD1
 Misc : V8050616B Y16D116
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 09 09:42:49 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	6.181	70	193056	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	724883	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	330610	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	253622	10.97	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	109.70%		
51) Toluene-d8 (SURR)	7.715	98	934811	10.59	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.90%		
70) p-Bromofluorobenzene (...)	10.504	95	377247	10.84	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	108.40%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	144733	10.02	ppb	99
3) Chloromethane	1.956	50	89185	8.00	ppb	93
4) Vinyl Chloride	2.071	62	101790	10.29	ppb	98
5) Bromomethane	2.444	94	48078m	12.69	ppb	
6) Chloroethane	2.553	64	47510	11.45	ppb	99
7) Trichlorofluoromethane	2.807	101	193723	13.59	ppb	100
8) Ethanol	3.094	45	17940	414.71	ppb	100
9) Freon-113	3.331	101	112995	8.98	ppb	94
10) 1,1-Dichloroethylene	3.362	61	202604	9.89	ppb	# 94
11) Acrolein	3.306	56	9873	7.96	ppb	90
12) Acetone	3.468	43	27100	9.98	ppb	99
13) Iodomethane	3.537	142	90033	4.40	ppb	97
14) Methyl Acetate	3.772	43	55929	9.40	ppb	99
15) Carbon disulfide	3.596	76	277665	9.29	ppb	100
16) tert-Butyl Alcohol (TBA)	4.012	59	5741	6.92	ppb	# 97
17) Methylene Chloride	3.878	49	194126	9.93	ppb	84
18) Acrylonitrile	4.145	53	26866	9.75	ppb	# 60
19) trans-1,2-Dichloroethy...	4.123	61	193782	9.89	ppb	97
20) tert-Butyl Methyl Ethe...	4.106	73	249776	8.63	ppb	96
21) 1,1-Dichloroethane	4.544	63	258942	10.43	ppb	99
22) Vinyl Acetate	4.569	43	380417	9.93	ppb	100
23) Diisopropyl ether (DIPE)	4.550	45	444642	8.44	ppb	95
24) Ethyl-tert-Butyl ether...	4.893	59	318042	7.46	ppb	97
25) cis-1,2-Dichloroethylene	5.102	61	226888	9.79	ppb	93
26) 2-Butanone	5.124	72	10076	9.68	ppb	78
27) 2,2-Dichloropropane	5.082	77	163586	8.51	ppb	# 85
28) Tetrahydrofuran	5.395	42	22707	9.11	ppb	77
29) Bromochloromethane	5.342	49	110473	10.16	ppb	87
30) Chloroform	5.406	83	247694	9.96	ppb	# 96
31) 1,1,1-Trichloroethane	5.559	97	206506	9.03	ppb	97
32) Cyclohexane	5.590	56	222665	8.88	ppb	# 83
33) 1,1-Dichloropropylene	5.710	75	182872	9.90	ppb	# 71
35) Carbon Tetrachloride	5.707	117	177105	8.56	ppb	99
36) tert-Amyl alcohol (TAA)	4.893	59	318042	77.50	ppb	# 54
37) 1,2-Dichloroethane	5.966	62	160878	10.84	ppb	98
38) Benzene	5.919	78	522348	9.84	ppb	# 72
39) tert-Amyl methyl ether...	5.980	73	249898	7.66	ppb	# 83
41) Trichloroethylene	6.530	95	137697	10.90	ppb	95
42) Methyl Cyclohexane	6.680	83	207103	10.64	ppb	# 83
43) Methyl Methacrylate	6.831	69	52192	10.88	ppb	# 67
44) Dibromomethane	6.903	93	60570	11.29	ppb	95
45) Bromodichloromethane	7.046	83	164020	11.19	ppb	# 95
46) 1,2-Dichloropropane	6.770	63	137367	11.49	ppb	# 80
47) 1,4-Dioxane	6.912	88	7407m	272.24	ppb	
49) cis-1,3-Dichloropropene	7.469	75	181936	10.60	ppb	# 88
50) 4-Methyl-2-Pentanone	7.601	43	154327	11.31	ppb	# 82
52) Toluene	7.785	91	558085	11.33	ppb	98
53) trans-1,3-Dichloropropene	8.027	75	141229	10.17	ppb	99

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000899.D
 Acq On : 6 May 2016 8:38 pm
 Operator : BK
 Sample : BE60338-BSD1
 Misc : V8050616B Y16D116
 ALS Vial : 29 Sample Multiplier: 1

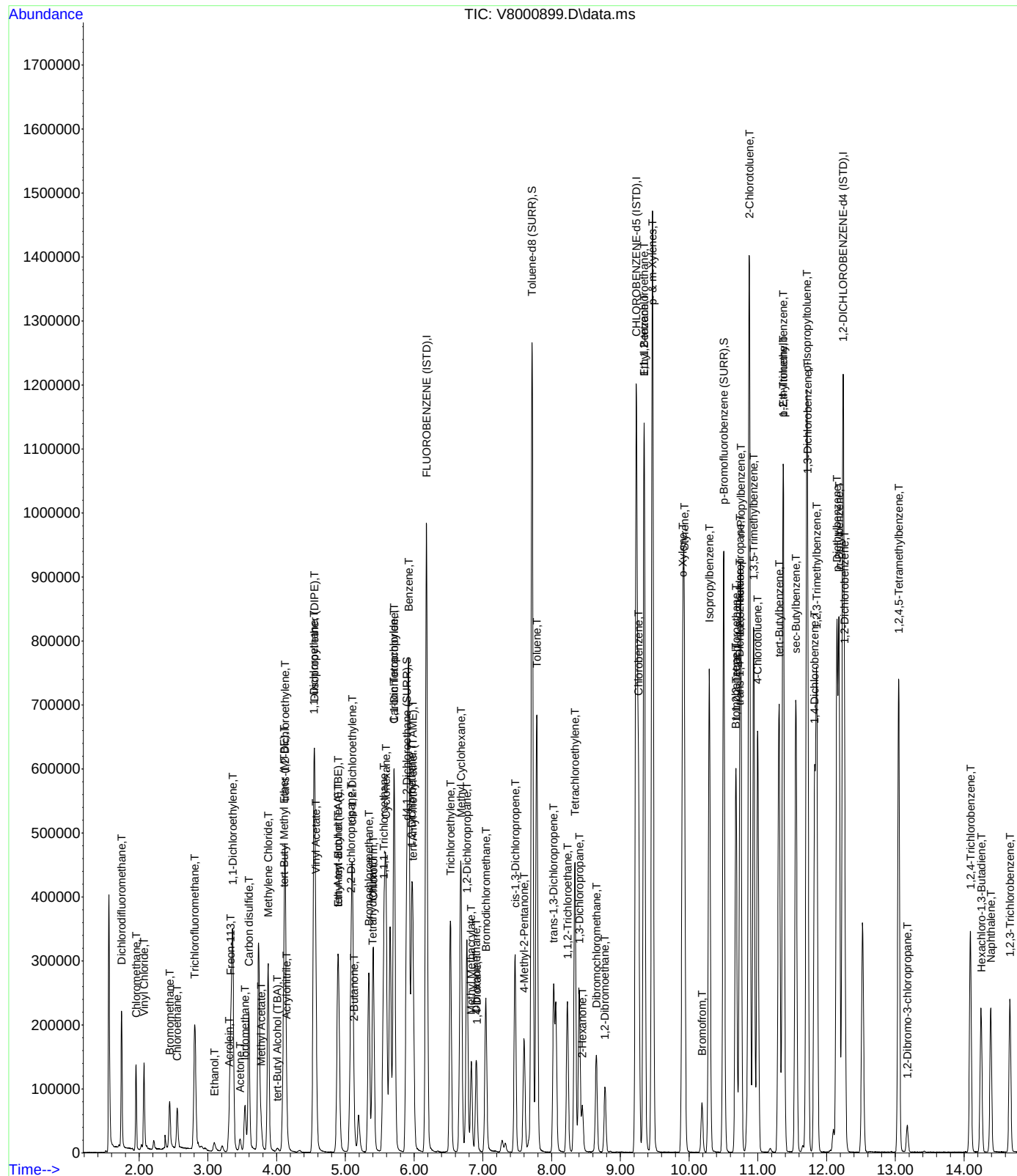
Quant Time: May 09 09:42:49 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,1,2-Trichloroethane	8.234	97	84105	10.68	ppb	91
55) 1,3-Dichloropropane	8.404	76	149847	11.73	ppb #	88
56) Tetrachloroethylene	8.337	166	143210	10.25	ppb #	70
57) 2-Hexanone	8.448	43	57392	11.20	ppb #	86
58) Dibromochloromethane	8.652	129	90877	8.56	ppb	97
59) 1,2-Dibromoethane	8.775	107	79035	10.24	ppb	93
60) Chlorobenzene	9.263	112	338375	10.20	ppb #	93
61) 1,1,1,2-tetrachloroethane	9.346	131	117348	9.73	ppb	93
62) Ethyl Benzene	9.346	91	648757	12.12	ppb	100
63) p- & m-Xylenes	9.466	91	990924	24.29	ppb	98
64) o-Xylene	9.907	91	493614	11.30	ppb	100
65) Styrene	9.929	104	384317	11.63	ppb #	77
66) Bromoform	10.186	173	40123	7.61	ppb #	84
68) p-Ethyltoluene	11.368	105	550866	12.34	ppb	99
69) Isopropylbenzene	10.294	105	596063	11.08	ppb	95
71) 1,1,2,2-Tetrachloroethane	10.682	83	94644	12.06	ppb #	55
72) Bromobenzene	10.679	77	234902	13.06	ppb	93
73) trans-1,4-Dichloro-2-b...	10.735	75	96017	11.75	ppb #	63
74) 1,2,3-Trichloropropane	10.738	110	25337	12.01	ppb #	14
75) n-Propylbenzene	10.752	91	748403	12.35	ppb	98
76) 2-Chlorotoluene	10.877	91	507165	12.67	ppb	99
77) 4-Chlorotoluene	10.997	91	449692	12.04	ppb	100
78) 1,3,5-Trimethylbenzene	10.939	105	534815	12.02	ppb #	97
79) tert-Butylbenzene	11.309	119	421194	10.56	ppb	98
80) 1,2,4-Trimethylbenzene	11.368	105	550866	12.40	ppb #	82
81) sec-Butylbenzene	11.552	105	610928	11.27	ppb	98
82) 1,3-Dichlorobenzene	11.725	146	265393	11.11	ppb	98
83) p-Isopropyltoluene	11.711	119	575631	11.96	ppb	97
84) 1,4-Dichlorobenzene	11.825	146	256621	10.57	ppb	95
85) 1,2,3-Trimethylbenzene	11.856	105	494251	11.44	ppb	95
86) p-Diethylbenzene	12.152	105	314147	12.20	ppb #	40
87) 1,2-Dichlorobenzene	12.260	146	230094	10.56	ppb #	86
88) n-Butylbenzene	12.179	91	646476	13.76	ppb	89
89) 1,2-Dibromo-3-chloropr...	13.172	75	12058	9.53	ppb	95
90) 1,2,4,5-Tetramethylben...	13.050	119	474886	10.59	ppb	97
91) 1,2,4-Trichlorobenzene	14.095	180	119349	10.36	ppb	97
92) Hexachloro-1,3-Butadiene	14.251	225	47544	10.37	ppb	93
93) Naphthalene	14.391	128	205408	10.32	ppb	97
94) 1,2,3-Trichlorobenzene	14.670	180	81400	10.05	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000899.D
 Acq On : 6 May 2016 8:38 pm
 Operator : BK
 Sample : BE60338-BSD1
 Misc : V8050616B Y16D116
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 09 09:42:49 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 InstName : VOA No. 8
 Response via : Initial Calibration



MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	ND	8.51	85.1	45 - 161
1,1,1-Trichloroethane	10.0	0.620	8.72	81.0	70 - 146
1,1,2,2-Tetrachloroethane	10.0	ND	10.5	105	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	ND	6.82	68.2	21 - 217
1,1,2-Trichloroethane	10.0	ND	9.40	94.0	59 - 146
1,1-Dichloroethane	10.0	3.04	12.2	92.0	54 - 146
1,1-Dichloroethylene	10.0	1.41	9.75	83.4	44 - 165
1,1-Dichloropropylene	10.0	ND	8.47	84.7	82 - 134
1,2,3-Trichlorobenzene	10.0	ND	7.92	79.2	40 - 161
1,2,3-Trichloropropane	10.0	ND	10.3	103	74 - 127
1,2,4,5-Tetramethylbenzene	10.0	ND	8.35	83.5	27 - 190
1,2,4-Trichlorobenzene	10.0	ND	8.05	80.5	41 - 161
1,2,4-Trimethylbenzene	10.0	ND	10.3	103	72 - 129
1,2-Dibromo-3-chloropropane	10.0	ND	8.42	84.2	31 - 151
1,2-Dibromoethane	10.0	ND	8.71	87.1	75 - 125
1,2-Dichlorobenzene	10.0	ND	8.87	88.7	63 - 122
1,2-Dichloroethane	10.0	ND	9.23	92.3	68 - 131
1,2-Dichloropropane	10.0	ND	10.1	101	77 - 121
1,3,5-Trimethylbenzene	10.0	ND	10.1	101	69 - 126
1,3-Dichlorobenzene	10.0	ND	9.02	90.2	74 - 119
1,3-Dichloropropane	10.0	ND	10.2	102	77 - 119
1,4-Dichlorobenzene	10.0	ND	8.67	86.7	70 - 124
2,2-Dichloropropane	10.0	ND	7.99	79.9	10 - 160
2-Butanone	10.0	ND	7.38	73.8	10 - 193
2-Chlorotoluene	10.0	ND	10.6	106	70 - 126
2-Hexanone	10.0	ND	9.64	96.4	53 - 133
4-Chlorotoluene	10.0	ND	10.0	100	69 - 124
4-Methyl-2-pentanone	10.0	ND	9.74	97.4	38 - 150
Acetone	10.0	ND	6.22	62.2	13 - 149
Benzene	10.0	ND	8.35	83.5	38 - 155
Bromobenzene	10.0	ND	11.2	112	72 - 122
Bromochloromethane	10.0	ND	8.85	88.5	75 - 121

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Bromodichloromethane	10.0	ND	9.58	95.8	70 - 129
Bromoform	10.0	ND	6.30	63.0 *	66 - 136
Bromomethane	10.0	ND	8.97	89.7	30 - 158
Carbon disulfide	10.0	ND	7.42	74.2	10 - 138
Carbon tetrachloride	10.0	ND	7.43	74.3	71 - 146
Chlorobenzene	10.0	ND	8.64	86.4	81 - 117
Chloroethane	10.0	ND	8.85	88.5	51 - 145
Chloroform	10.0	ND	8.75	87.5	80 - 124
Chloromethane	10.0	ND	5.15	51.5	16 - 163
cis-1,2-Dichloroethylene	10.0	ND	8.53	85.3	76 - 125
cis-1,3-Dichloropropylene	10.0	ND	9.02	90.2	58 - 131
Dibromochloromethane	10.0	ND	7.07	70.7 *	71 - 129
Dibromomethane	10.0	ND	9.59	95.9	76 - 120
Dichlorodifluoromethane	10.0	ND	4.88	48.8	30 - 147
Ethyl Benzene	10.0	ND	10.4	104	72 - 128
Hexachlorobutadiene	10.0	ND	8.27	82.7	34 - 166
Isopropylbenzene	10.0	ND	9.40	94.0	66 - 139
Methyl tert-butyl ether (MTBE)	10.0	ND	7.27	72.7 *	75 - 128
Methylene chloride	10.0	ND	7.98	79.8	57 - 128
Naphthalene	10.0	ND	8.47	84.7	39 - 158
n-Butylbenzene	10.0	ND	11.1	111	61 - 138
n-Propylbenzene	10.0	ND	10.2	102	66 - 134
o-Xylene	10.0	ND	9.83	98.3	69 - 126
p- & m- Xylenes	20.0	ND	20.8	104	67 - 130
p-Diethylbenzene	10.0	ND	9.60	96.0	52 - 150
p-Ethyltoluene	10.0	ND	10.1	101	76 - 127
p-Isopropyltoluene	10.0	ND	9.83	98.3	64 - 137
sec-Butylbenzene	10.0	ND	9.54	95.4	53 - 155
Styrene	10.0	ND	9.95	99.5	69 - 125
tert-Butylbenzene	10.0	ND	9.07	90.7	65 - 139
Tetrachloroethylene	10.0	ND	7.37	73.7	64 - 139
Toluene	10.0	ND	9.77	97.7	76 - 123

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	ND	8.39	83.9	79 - 131
trans-1,3-Dichloropropylene	10.0	ND	8.73	87.3	55 - 130
Trichloroethylene	10.0	ND	9.15	91.5	53 - 145
Trichlorofluoromethane	10.0	ND	11.1	111	61 - 142
Vinyl Chloride	10.0	ND	7.12	71.2	31 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,1,2-Tetrachloroethane	10.0	8.96	89.6	5.15	30	45 - 161
1,1,1-Trichloroethane	10.0	8.90	82.8	2.20	30	70 - 146
1,1,2,2-Tetrachloroethane	10.0	10.8	108	1.97	30	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	6.87	68.7	0.730	30	21 - 217
1,1,2-Trichloroethane	10.0	9.45	94.5	0.531	30	59 - 146
1,1-Dichloroethane	10.0	12.3	92.6	0.650	30	54 - 146
1,1-Dichloroethylene	10.0	9.90	84.9	1.78	30	44 - 165
1,1-Dichloropropylene	10.0	8.61	86.1	1.64	30	82 - 134
1,2,3-Trichlorobenzene	10.0	8.29	82.9	4.57	30	40 - 161
1,2,3-Trichloropropane	10.0	10.6	106	2.30	30	74 - 127
1,2,4,5-Tetramethylbenzene	10.0	8.93	89.3	6.71	30	27 - 190
1,2,4-Trichlorobenzene	10.0	8.37	83.7	3.90	30	41 - 161
1,2,4-Trimethylbenzene	10.0	11.0	110	6.84	30	72 - 129
1,2-Dibromo-3-chloropropane	10.0	8.37	83.7	0.596	30	31 - 151
1,2-Dibromoethane	10.0	8.94	89.4	2.61	30	75 - 125
1,2-Dichlorobenzene	10.0	9.31	93.1	4.84	30	63 - 122
1,2-Dichloroethane	10.0	9.27	92.7	0.432	30	68 - 131
1,2-Dichloropropane	10.0	10.7	107	5.97	30	77 - 121
1,3,5-Trimethylbenzene	10.0	10.8	108	6.80	30	69 - 126
1,3-Dichlorobenzene	10.0	9.57	95.7	5.92	30	74 - 119
1,3-Dichloropropane	10.0	10.4	104	1.36	30	77 - 119
1,4-Dichlorobenzene	10.0	9.16	91.6	5.50	30	70 - 124
2,2-Dichloropropane	10.0	8.17	81.7	2.23	30	10 - 160
2-Butanone	10.0	6.17	61.7	17.9	30	10 - 193
2-Chlorotoluene	10.0	11.3	113	6.48	30	70 - 126
2-Hexanone	10.0	9.49	94.9	1.57	30	53 - 133
4-Chlorotoluene	10.0	10.7	107	5.99	30	69 - 124
4-Methyl-2-pentanone	10.0	9.57	95.7	1.76	30	38 - 150
Acetone	10.0	6.14	61.4	1.29	30	13 - 149
Benzene	10.0	8.74	87.4	4.56	30	38 - 155
Bromobenzene	10.0	11.7	117	4.37	30	72 - 122
Bromochloromethane	10.0	8.67	86.7	2.05	30	75 - 121
Bromodichloromethane	10.0	10.1	101	5.09	30	70 - 129

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Bromoform	10.0	6.39	63.9 *	1.42	30	66 - 136
Bromomethane	10.0	10.2	102	12.7	30	30 - 158
Carbon disulfide	10.0	7.80	78.0	4.99	30	10 - 138
Carbon tetrachloride	10.0	7.65	76.5	2.92	30	71 - 146
Chlorobenzene	10.0	9.14	91.4	5.62	30	81 - 117
Chloroethane	10.0	9.54	95.4	7.50	30	51 - 145
Chloroform	10.0	8.97	89.7	2.48	30	80 - 124
Chloromethane	10.0	6.20	62.0	18.5	30	16 - 163
cis-1,2-Dichloroethylene	10.0	8.82	88.2	3.34	30	76 - 125
cis-1,3-Dichloropropylene	10.0	9.60	96.0	6.23	30	58 - 131
Dibromochloromethane	10.0	7.42	74.2	4.83	30	71 - 129
Dibromomethane	10.0	9.87	98.7	2.88	30	76 - 120
Dichlorodifluoromethane	10.0	4.93	49.3	1.02	30	30 - 147
Ethyl Benzene	10.0	11.0	110	4.96	30	72 - 128
Hexachlorobutadiene	10.0	8.67	86.7	4.72	30	34 - 166
Isopropylbenzene	10.0	10.2	102	7.97	30	66 - 139
Methyl tert-butyl ether (MTBE)	10.0	7.27	72.7 *	0.00	30	75 - 128
Methylene chloride	10.0	8.11	81.1	1.62	30	57 - 128
Naphthalene	10.0	8.82	88.2	4.05	30	39 - 158
n-Butylbenzene	10.0	11.6	116	4.66	30	61 - 138
n-Propylbenzene	10.0	11.0	110	6.79	30	66 - 134
o-Xylene	10.0	10.4	104	5.15	30	69 - 126
p- & m- Xylenes	20.0	21.8	109	4.68	30	67 - 130
p-Diethylbenzene	10.0	10.2	102	6.45	30	52 - 150
p-Ethyltoluene	10.0	10.8	108	6.82	30	76 - 127
p-Isopropyltoluene	10.0	10.5	105	6.69	30	64 - 137
sec-Butylbenzene	10.0	10.2	102	6.49	30	53 - 155
Styrene	10.0	10.5	105	5.28	30	69 - 125
tert-Butylbenzene	10.0	9.73	97.3	7.02	30	65 - 139
Tetrachloroethylene	10.0	7.81	78.1	5.80	30	64 - 139
Toluene	10.0	10.3	103	5.18	30	76 - 123
trans-1,2-Dichloroethylene	10.0	8.66	86.6	3.17	30	79 - 131
trans-1,3-Dichloropropylene	10.0	9.10	91.0	4.15	30	55 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.

SDG: 16E0003

Client: Leggette Brashears & Graham White Plains Office

Project: Deluxe

Matrix: Water

Batch: BE60298

Laboratory ID: BE60298-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 2C

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Trichloroethylene	10.0	9.84	98.4	7.27	30	53 - 145
Trichlorofluoromethane	10.0	11.1	111	0.360	30	61 - 142
Vinyl Chloride	10.0	7.77	77.7	8.73	30	31 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000887.D
 Acq On : 6 May 2016 3:31 pm
 Operator : BK
 Sample : BE60298-MS1
 Misc : V8050616A 16E0003-07 D
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 09 11:54:02 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	190773	10.00	ppb	# 0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	708884	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.235	152	329572	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.891	65	254734	11.15	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	111.50%	
51) Toluene-d8 (SURR)	7.715	98	917376	10.63	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	106.30%	
70) p-Bromofluorobenzene (...)	10.504	95	378363	10.90	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery	=	109.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	69682	4.88	ppb	99
3) Chloromethane	1.956	50	45483	5.15	ppb	94
4) Vinyl Chloride	2.071	62	69588	7.12	ppb	98
5) Bromomethane	2.442	94	28913	8.97	ppb	97
6) Chloroethane	2.553	64	36280	8.85	ppb	99
7) Trichlorofluoromethane	2.810	101	156891	11.14	ppb	99
8) Ethanol	3.097	45	20648	483.03	ppb	100
9) Freon-113	3.337	101	84810	6.82	ppb	94
10) 1,1-Dichloroethylene	3.362	61	197448	9.75	ppb	# 94
11) Acrolein	3.301	56	8739	7.13	ppb	91
12) Acetone	3.468	43	19088	6.22	ppb	99
13) Iodomethane	3.538	142	59218m	2.78	ppb	
14) Methyl Acetate	3.769	43	46152m	7.85	ppb	
15) Carbon disulfide	3.596	76	219155	7.42	ppb	100
16) tert-Butyl Alcohol (TBA)	4.014	59	6027	7.35	ppb	# 97
17) Methylene Chloride	3.875	49	155271	7.98	ppb	84
18) Acrylonitrile	4.145	53	22355m	8.21	ppb	
19) trans-1,2-Dichloroethy...	4.123	61	162422	8.39	ppb	96
20) tert-Butyl Methyl Ethe...	4.109	73	207997	7.27	ppb	# 93
21) 1,1-Dichloroethane	4.544	63	300404	12.24	ppb	99
22) Vinyl Acetate	4.569	43	339083	8.96	ppb	100
23) Diisopropyl ether (DIPE)	4.553	45	397203	7.63	ppb	95
24) Ethyl-tert-Butyl ether...	4.896	59	279134	6.63	ppb	# 89
25) cis-1,2-Dichloroethylene	5.102	61	195451	8.53	ppb	92
26) 2-Butanone	5.124	72	8018	7.38	ppb	# 69
27) 2,2-Dichloropropane	5.082	77	151870	7.99	ppb	# 85
28) Tetrahydrofuran	5.392	42	19697	8.00	ppb	# 66
29) Bromochloromethane	5.345	49	95108	8.85	ppb	85
30) Chloroform	5.403	83	214892	8.75	ppb	# 98
31) 1,1,1-Trichloroethane	5.559	97	197120	8.72	ppb	# 72
32) Cyclohexane	5.584	56	181003	7.31	ppb	# 82
33) 1,1-Dichloropropylene	5.707	75	154574	8.47	ppb	# 69
35) Carbon Tetrachloride	5.707	117	151967	7.43	ppb	99
36) tert-Amyl alcohol (TAA)	4.896	59	279134	68.84	ppb	# 53
37) 1,2-Dichloroethane	5.966	62	135342	9.23	ppb	# 97
38) Benzene	5.919	78	438006	8.35	ppb	# 71
39) tert-Amyl methyl ether...	5.978	73	216229	6.70	ppb	# 94
41) Trichloroethylene	6.530	95	113092	9.15	ppb	95
42) Methyl Cyclohexane	6.683	83	159107	8.36	ppb	# 82
43) Methyl Methacrylate	6.831	69	43245	9.22	ppb	# 55
44) Dibromomethane	6.906	93	50316	9.59	ppb	# 66
45) Bromodichloromethane	7.043	83	137419	9.58	ppb	# 96
46) 1,2-Dichloropropane	6.767	63	117800	10.08	ppb	97
47) 1,4-Dioxane	6.915	88	7718	288.45	ppb	95
49) cis-1,3-Dichloropropene	7.467	75	151389	9.02	ppb	# 87
50) 4-Methyl-2-Pentanone	7.598	43	129921	9.74	ppb	# 81
52) Toluene	7.785	91	470991	9.77	ppb	98
53) trans-1,3-Dichloropropene	8.033	75	118608	8.73	ppb	99
54) 1,1,2-Trichloroethane	8.228	97	72415	9.40	ppb	92

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000887.D
 Acq On : 6 May 2016 3:31 pm
 Operator : BK
 Sample : BE60298-MS1
 Misc : V8050616A 16E0003-07 D
 ALS Vial : 17 Sample Multiplier: 1

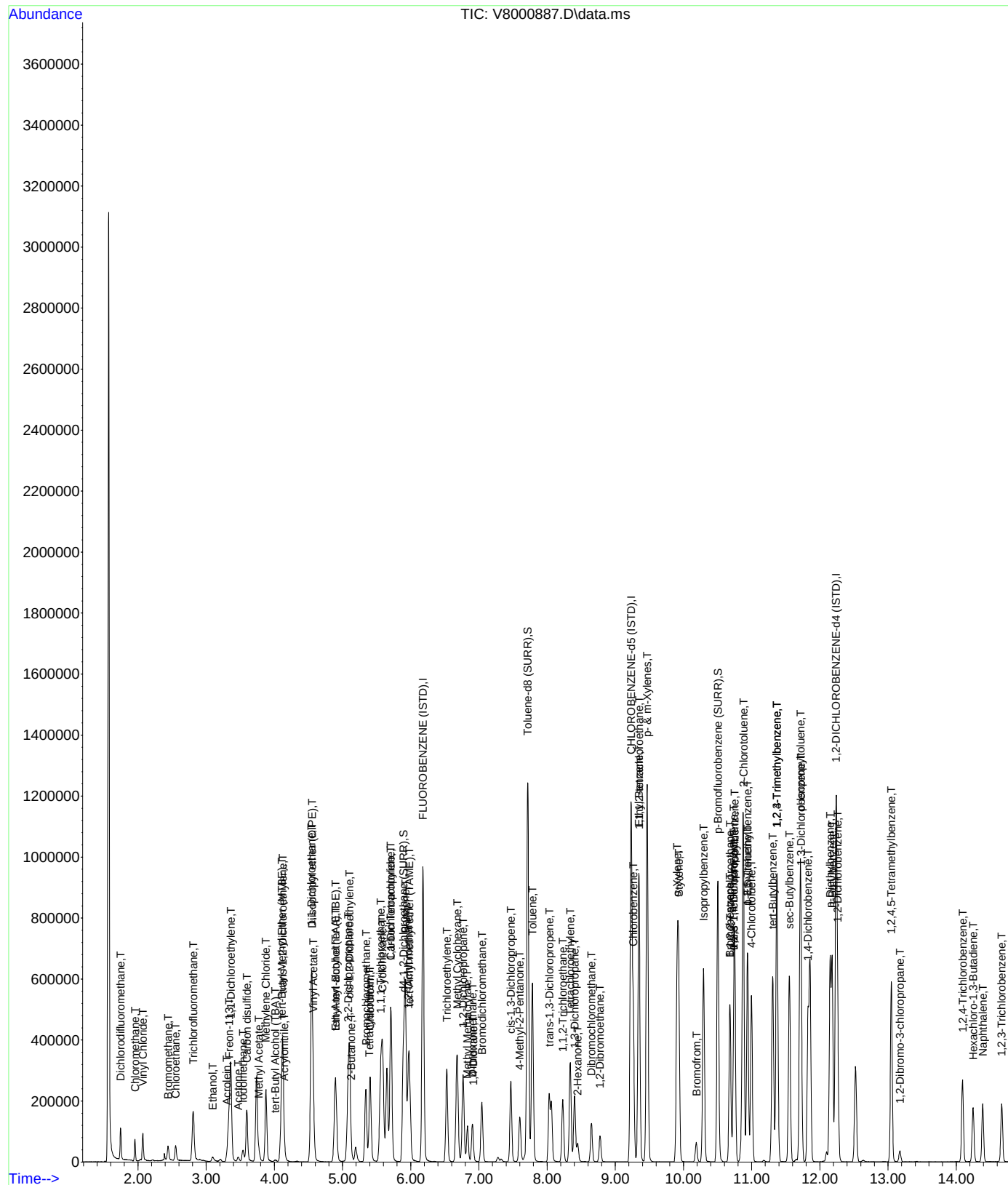
Quant Time: May 09 11:54:02 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,3-Dichloropropane	8.404	76	127868	10.23	ppb	# 89
56) Tetrachloroethylene	8.340	166	100742	7.37	ppb	96
57) 2-Hexanone	8.446	43	48323	9.64	ppb	# 86
58) Dibromochloromethane	8.649	129	73396	7.07	ppb	98
59) 1,2-Dibromoethane	8.775	107	65788	8.71	ppb	94
60) Chlorobenzene	9.263	112	280179	8.64	ppb	# 91
61) 1,1,1,2-tetrachloroethane	9.349	131	100328	8.51	ppb	94
62) Ethyl Benzene	9.346	91	545849	10.43	ppb	99
63) p- & m-Xylenes	9.466	91	832134	20.85	ppb	98
64) o-Xylene	9.907	91	419589	9.83	ppb	100
65) Styrene	9.929	104	321702	9.95	ppb	# 77
66) Bromofrom	10.191	173	32506	6.30	ppb	98
68) p-Ethyltoluene	10.939	105	447661	10.06	ppb	99
69) Isopropylbenzene	10.294	105	504097	9.40	ppb	95
71) 1,1,2,2-Tetrachloroethane	10.682	83	82492	10.54	ppb	# 76
72) Bromobenzene	10.679	77	200591	11.18	ppb	92
73) trans-1,4-Dichloro-2-b...	10.735	75	82668	10.15	ppb	# 63
74) 1,2,3-Trichloropropane	10.735	110	21667	10.31	ppb	# 16
75) n-Propylbenzene	10.749	91	619151	10.25	ppb	97
76) 2-Chlorotoluene	10.880	91	423168	10.61	ppb	99
77) 4-Chlorotoluene	10.997	91	373557	10.04	ppb	100
78) 1,3,5-Trimethylbenzene	10.939	105	447661	10.09	ppb	# 98
79) tert-Butylbenzene	11.307	119	360594	9.07	ppb	97
80) 1,2,4-Trimethylbenzene	11.368	105	456222	10.30	ppb	# 80
81) sec-Butylbenzene	11.552	105	515547	9.54	ppb	98
82) 1,3-Dichlorobenzene	11.725	146	214640	9.02	ppb	97
83) p-Isopropyltoluene	11.714	119	471968	9.83	ppb	97
84) 1,4-Dichlorobenzene	11.825	146	209794	8.67	ppb	94
85) 1,2,3-Trimethylbenzene	11.368	105	320520	7.44	ppb	99
86) p-Diethylbenzene	12.152	105	246557	9.60	ppb	# 39
87) 1,2-Dichlorobenzene	12.260	146	192721	8.87	ppb	# 86
88) n-Butylbenzene	12.180	91	520200	11.11	ppb	89
89) 1,2-Dibromo-3-chloropr...	13.172	75	10623	8.42	ppb	97
90) 1,2,4,5-Tetramethylben...	13.047	119	373432	8.35	ppb	97
91) 1,2,4-Trichlorobenzene	14.093	180	92372	8.05	ppb	97
92) Hexachloro-1,3-Butadiene	14.249	225	36977	8.27	ppb	95
93) Naphthalene	14.388	128	168158	8.47	ppb	98
94) 1,2,3-Trichlorobenzene	14.667	180	63954	7.92	ppb	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\050616\
 Data File : V8000887.D
 Acq On : 6 May 2016 3:31 pm
 Operator : BK
 Sample : BE60298-MS1
 Misc : V8050616A 16E0003-07 D
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 09 11:54:02 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration



Data Path : C:\msdchem\1\data\050616\
 Data File : V8000888.D
 Acq On : 6 May 2016 3:57 pm
 Operator : BK
 Sample : BE60298-MSD1
 Misc : V8050616A 16E0003-07 G
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 09 11:55:32 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	6.178	70	197637	10.00	ppb	0.00
40) CHLOROBENZENE-d5 (ISTD)	9.232	117	716474	10.00	ppb	0.00
67) 1,2-DICHLOROBENZENE-d4...	12.238	152	323787	10.00	ppb	0.00
System Monitoring Compounds						
34) d4-1,2-Dichloroethane ...	5.888	65	249830	10.55	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.50%		
51) Toluene-d8 (SURR)	7.715	98	930204	10.66	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.60%		
70) p-Bromofluorobenzene (...)	10.504	95	373642	10.96	ppb	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	109.60%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.744	85	72839	4.93	ppb	99
3) Chloromethane	1.954	50	63390	6.20	ppb	94
4) Vinyl Chloride	2.071	62	78761	7.77	ppb	98
5) Bromomethane	2.442	94	36286m	10.19	ppb	
6) Chloroethane	2.553	64	40530	9.54	ppb	99
7) Trichlorofluoromethane	2.810	101	161999	11.10	ppb	99
8) Ethanol	3.094	45	17744	400.67	ppb	100
9) Freon-113	3.334	101	88510	6.87	ppb	94
10) 1,1-Dichloroethylene	3.362	61	207796	9.90	ppb	# 95
11) Acrolein	3.303	56	9336	7.35	ppb	93
12) Acetone	3.471	43	19605	6.14	ppb	99
13) Iodomethane	3.538	142	90011m	4.29	ppb	
14) Methyl Acetate	3.772	43	44090	7.24	ppb	99
15) Carbon disulfide	3.596	76	238632	7.80	ppb	100
16) tert-Butyl Alcohol (TBA)	4.014	59	5950	7.01	ppb	# 97
17) Methylene Chloride	3.875	49	163414	8.11	ppb	85
18) Acrylonitrile	4.143	53	20252	7.18	ppb	# 94
19) trans-1,2-Dichloroethy...	4.123	61	173773	8.66	ppb	# 88
20) tert-Butyl Methyl Ethe...	4.106	73	215524	7.27	ppb	96
21) 1,1-Dichloroethane	4.544	63	312528	12.30	ppb	# 88
22) Vinyl Acetate	4.564	43	353797	9.02	ppb	100
23) Diisopropyl ether (DIPE)	4.550	45	422167	7.83	ppb	95
24) Ethyl-tert-Butyl ether...	4.896	59	297371	6.81	ppb	# 89
25) cis-1,2-Dichloroethylene	5.102	61	209344	8.82	ppb	92
26) 2-Butanone	5.130	72	7241	6.17	ppb	# 65
27) 2,2-Dichloropropane	5.082	77	160943	8.17	ppb	# 83
28) Tetrahydrofuran	5.395	42	18162	7.12	ppb	79
29) Bromochloromethane	5.342	49	96445	8.67	ppb	86
30) Chloroform	5.406	83	228250	8.97	ppb	# 98
31) 1,1,1-Trichloroethane	5.557	97	208460	8.90	ppb	98
32) Cyclohexane	5.587	56	189346	7.38	ppb	# 81
33) 1,1-Dichloropropylene	5.710	75	162922	8.61	ppb	# 68
35) Carbon Tetrachloride	5.710	117	161973	7.65	ppb	99
36) tert-Amyl alcohol (TAA)	4.896	59	297371	70.79	ppb	# 54
37) 1,2-Dichloroethane	5.964	62	140841	9.27	ppb	98
38) Benzene	5.919	78	475101	8.74	ppb	# 91
39) tert-Amyl methyl ether...	5.980	73	227300	6.80	ppb	# 91
41) Trichloroethylene	6.530	95	122959	9.84	ppb	95
42) Methyl Cyclohexane	6.678	83	164915	8.57	ppb	# 83
43) Methyl Methacrylate	6.831	69	44827	9.46	ppb	# 53
44) Dibromomethane	6.903	93	52337	9.87	ppb	95
45) Bromodichloromethane	7.040	83	146152	10.08	ppb	# 96
46) 1,2-Dichloropropane	6.767	63	126372	10.70	ppb	97
47) 1,4-Dioxane	6.903	88	8050m	296.88	ppb	
49) cis-1,3-Dichloropropene	7.470	75	162943	9.60	ppb	# 87
50) 4-Methyl-2-Pentanone	7.598	43	129002	9.57	ppb	# 81
52) Toluene	7.782	91	501339	10.29	ppb	98
53) trans-1,3-Dichloropropene	8.027	75	124925	9.10	ppb	99
54) 1,1,2-Trichloroethane	8.231	97	73564	9.45	ppb	91

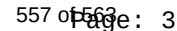
Data Path : C:\msdchem\1\data\050616\
 Data File : V8000888.D
 Acq On : 6 May 2016 3:57 pm
 Operator : BK
 Sample : BE60298-MSD1
 Misc : V8050616A 16E0003-07 G
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 09 11:55:32 2016
 Quant Method : C:\msdchem\1\methods\V8L00005.M
 Quant Title : Volatile Organics EPA 8260C
 QLast Update : Fri Apr 29 10:10:50 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,3-Dichloropropane	8.404	76	131000	10.37	ppb	# 90
56) Tetrachloroethylene	8.337	166	107843	7.81	ppb	96
57) 2-Hexanone	8.446	43	48062	9.49	ppb	# 85
58) Dibromochloromethane	8.646	129	77830	7.42	ppb	97
59) 1,2-Dibromoethane	8.775	107	68189	8.94	ppb	94
60) Chlorobenzene	9.263	112	299808	9.14	ppb	# 92
61) 1,1,1,2-tetrachloroethane	9.346	131	106774	8.96	ppb	94
62) Ethyl Benzene	9.346	91	579771	10.96	ppb	99
63) p- & m-Xylenes	9.466	91	881039	21.85	ppb	98
64) o-Xylene	9.907	91	446515	10.35	ppb	100
65) Styrene	9.929	104	342583	10.49	ppb	# 77
66) Bromofrom	10.188	173	33327	6.39	ppb	98
68) p-Ethyltoluene	10.939	105	470954	10.77	ppb	# 88
69) Isopropylbenzene	10.292	105	536064	10.18	ppb	95
71) 1,1,2,2-Tetrachloroethane	10.682	83	82610	10.75	ppb	# 55
72) Bromobenzene	10.682	77	205736	11.68	ppb	93
73) trans-1,4-Dichloro-2-b...	10.738	75	83973	10.49	ppb	# 63
74) 1,2,3-Trichloropropane	10.738	110	21786	10.55	ppb	# 15
75) n-Propylbenzene	10.749	91	651112	10.97	ppb	98
76) 2-Chlorotoluene	10.877	91	443498	11.32	ppb	99
77) 4-Chlorotoluene	10.997	91	389618	10.66	ppb	100
78) 1,3,5-Trimethylbenzene	10.939	105	470954	10.80	ppb	# 98
79) tert-Butylbenzene	11.307	119	379863	9.73	ppb	97
80) 1,2,4-Trimethylbenzene	11.365	105	479819	11.03	ppb	# 81
81) sec-Butylbenzene	11.552	105	540543	10.18	ppb	99
82) 1,3-Dichlorobenzene	11.725	146	223851	9.57	ppb	97
83) p-Isopropyltoluene	11.708	119	495346	10.51	ppb	97
84) 1,4-Dichlorobenzene	11.825	146	217825	9.16	ppb	95
85) 1,2,3-Trimethylbenzene	11.856	105	453976	10.73	ppb	# 95
86) p-Diethylbenzene	12.146	105	258222	10.24	ppb	# 39
87) 1,2-Dichlorobenzene	12.260	146	198544	9.31	ppb	98
88) n-Butylbenzene	12.180	91	535629	11.64	ppb	89
89) 1,2-Dibromo-3-chloropr...	13.178	75	10369	8.37	ppb	# 79
90) 1,2,4,5-Tetramethylben...	13.050	119	392246	8.93	ppb	97
91) 1,2,4-Trichlorobenzene	14.093	180	94417	8.37	ppb	97
92) Hexachloro-1,3-Butadiene	14.246	225	38290	8.67	ppb	94
93) Naphthalene	14.391	128	171967	8.82	ppb	98
94) 1,2,3-Trichlorobenzene	14.670	180	65730	8.29	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 09 11:55:32 2016
Quant Method : C:\msdchem\1\methods\V8L00005.M
Quant Title : Volatile Organics EPA 8260C
QLast Update : Fri Apr 29 10:10:50 2016
Response via : Initial Calibration



BE60261

York Analytical Laboratories, Inc.

Printed: 5/6/2016 2:23:40PM

Matrix: Water Prepared by: EPA 5030B

Surrogate used: Y15L025

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Spiked	Surrogate	Initial	pH Data	Decanted	Sample Comments
										Acid	Basic	Y/N
16D0967-01 A	Volatile Organics, 8260 - C1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0003-01 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0003-02 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0003-03 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0017-01 A	Volatile Organics, CT RCP	05/05/2016 16:5	BGS	25.00	25.00			1		<2		From BE60183 by BGS
16E0017-02 A	Volatile Organics, CT RCP	05/05/2016 16:5	BGS	25.00	25.00			1		<2		From BE60183 by BGS
16E0019-01 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0019-02 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0019-03 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0019-04 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0019-05 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0019-06 A	Volatile Organics, 8260 L1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0029-01 A	Volatile Organics, CT RCP	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0030-05 A	Volatile Organics, CT RCP	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0217-01 A	Volatile Organics, 8260 - C1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0217-02 A	Volatile Organics, 8260 - C1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
16E0217-03 A	Volatile Organics, 8260 - C1	05/05/2016 16:5	BGS	25.00	25.00			1		<2		
BE60261-BLK1	QC	05/05/2016 16:5	BGS	25.00	25.00			1				
BE60261-BS1	QC	05/05/2016 16:5	BGS	25.00	25.00	Y16D116	5	1				
BE60261-BSD1	QC	05/05/2016 16:5	BGS	25.00	25.00	Y16D116	5	1				

Batch Comments:

PREPARATION BENCH SHEET

BE60298

York Analytical Laboratories, Inc.

Printed: 5/9/2016 12:11:26PM

Prepared by: EPA 5030B

Surrogate used: Y15L025

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	Spiked	Surrogate	Initial	pH Data	Decanted Y/N	Sample Comments
16D1108-04RE1	Volatiles Organics, 8260 List	05/06/2016 09:3	BGS	25.00	25.00				1		NA		From BE60225 by BK
16D1108-18RE1	Volatiles Organics, 8260 List	05/06/2016 09:3	BGS	25.00	25.00				1		<2		From BE60225 by BK
16D1108-19 A	Volatiles Organics, 8260 List	05/06/2016 09:3	BK	25.00	25.00				1		<2		From BE60225 by BK
16D1123-01 A	Volatiles Organics, 8260 - C	05/06/2016 09:3	BK	25.00	25.00				1		<2	ND	
16D1123-01RE1	Volatiles Organics, 8260 - C	05/06/2016 09:3	BK	25.00	25.00				1		<2	ND	Added 5/6/2016 by BK
16E0003-04 A	Volatiles Organics, 8260 List	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0003-05 A	Volatiles Organics, 8260 List	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0003-06 A	Volatiles Organics, 8260 List	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0003-07 A	Volatiles Organics, NYCDEL	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	Added for BatchQC in: E
16E0003-07 A	Volatiles Organics, 8260 - C	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	Added for BatchQC in: E
16E0003-07 A	Volatiles Organics, 8260 List	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0003-08 A	Volatiles Organics, 8260 List	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0003-09 A	Volatiles Organics, 8260 List	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0003-10 A	Volatiles Organics, 8260 List	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0003-11 A	Volatiles Organics, 8260 List	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0147-01 B	Volatiles Organics, NYCDEL	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
16E0147-02 A	Volatiles Organics, NYCDEL	05/06/2016 09:3	OW	25.00	25.00				1		<2	NA	
BE60298-BLK1	QC	05/06/2016 08:3	BK	25.00	25.00				1		<2	NA	
BE60298-BS1	QC	05/06/2016 08:3	BK	25.00	25.00	Y16D116		5	1		<2	NA	
BE60298-BSD1	QC	05/06/2016 08:3	BK	25.00	25.00	Y16D116		5	1		<2	NA	
BE60298-MS1	QC	05/06/2016 08:3	OW	25.00	25.00	Y16D116	16E0003-07	5	1		<2	NA	
BE60298-MSD1	QC	05/06/2016 08:3	OW	25.00	25.00	Y16D116	16E0003-07	5	1		<2	NA	

PREPARATION BENCH SHEET

BE60338

York Analytical Laboratories, Inc.

Printed: 5/31/2016 2:57:20PM

Matrix: Water Surrogate used: Y15L025

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
16E0003-12	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-13	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-14	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-15	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-16	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-17	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-18	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-19	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-20	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-21	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0003-22	Volatile Organics, 8260 List - L	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0085-06	Volatile Organics, CP-51 (STAR	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0085-07	Volatile Organics, CP-51 (STAR	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0138-01	Volatile Organics, CP-51 (STAR	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0138-02	Volatile Organics, CP-51 (STAR	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0138-03	Volatile Organics, CP-51 (STAR	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
16E0229-02	Volatile Organics, CT RCP List	05/06/2016 16:40	OW	25	25				1	EPA 5030B	Need MON 5/9 by NOON
BE60338-BLK1	QC	05/06/2016 16:40	OW	25	25				1	EPA 5030B	
BE60338-BS1	QC	05/06/2016 16:40	OW	25	25	Y16D116			5	EPA 5030B	
BE60338-BSD1	QC	05/06/2016 16:40	OW	25	25	Y16D116			5	EPA 5030B	

Batch Comments:

Injection Log

Directory: g:\msvoa8~1\dailydat\050516

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v8000826.d	1.	SEQ-TUN1	V8050516A	5 May 16 10:01
2	2	v8000827.d	1.	SEQ-CCV1	V8050516A Y16D110	5 May 16 10:32
3	3	v8000828.d	1.	BE60225-BS1	V8050516A Y16D116	5 May 16 11:28
4	4	v8000829.d	1.	BE60225-BSD1	V8050516A Y16D116	5 May 16 11:54
5	5	v8000830.d	1.	BLK	V8050516A	5 May 16 12:19
6	6	v8000831.d	1.	BE60225-BLK1	V8050516A	5 May 16 12:44
7	7	v8000832.d	1.	16D1108-04	V8050516A 8260 LOW A AF	5 May 16 13:10
8	8	v8000833.d	1.	16D1108-05	V8050516A 8260 LOW A	5 May 16 13:36
9	9	v8000834.d	1.	16D1108-06	V8050516A 8260 LOW A	5 May 16 14:01
10	10	v8000835.d	1.	16D1108-07	V8050516A 8260 LOW A	5 May 16 14:27
11	11	v8000836.d	10.	16D1108-08	V8050516A 8260 LOW A 5ML/50ML	5 May 16 14:52
12	12	v8000837.d	1.	16D1108-10	V8050516A 8260 LOW A	5 May 16 15:18
13	13	v8000838.d	1.	16D1108-11	V8050516A 8260 LOW A AF	5 May 16 15:43
14	14	v8000839.d	10.	16D1108-12	V8050516A 8260 LOW A 5ML/50ML	5 May 16 16:09
15	15	v8000840.d	1.	16D1108-13	V8050516A 8260 LOW A AF	5 May 16 16:34
16	16	v8000841.d	1.	16D1108-14	V8050516A 8260 LOW A	5 May 16 16:59
17	17	v8000842.d	1.	16D1108-15	V8050516A 8260 LOW A	5 May 16 17:25
18	18	v8000843.d	1.	16D1108-16	V8050516A 8260 LOW A AF	5 May 16 17:50
19	19	v8000844.d	1.	16D1108-17	V8050516A 8260 LOW A AF	5 May 16 18:16
20	20	v8000845.d	1.	16D1108-18	V8050516A 8260 LOW A AF	5 May 16 18:41
21	21	v8000846.d	10.	16D1108-19	V8050516A 8260 LOW A 5ML/50ML	5 May 16 19:07
22	22	v8000847.d	1.	SEQ-TUN1	V8050516B	5 May 16 19:32
23	23	v8000848.d	1.	SEQ-TUN1	V8050516B	5 May 16 19:57
24	24	v8000849.d	1.	SEQ-CCV1	V8050516B Y16D110	5 May 16 20:28
25	25	v8000850.d	1.	BE60261-BS1	V8050516B Y16D116	5 May 16 20:48
26	26	v8000851.d	1.	BE60261-BSD1	V8050516B Y16D116	5 May 16 21:14
27	27	v8000852.d	1.	BE60261-BLK1	V8050516B	5 May 16 21:39
28	28	v8000853.d	1.	BE60261-BLK1	V8050516B	5 May 16 22:04
29	29	v8000854.d	1.	16E0019-01	V8050516B A 8260	5 May 16 22:30
30	30	v8000855.d	1.	16E0019-02	V8050516B A 8260	5 May 16 22:55
31	31	v8000856.d	1.	16E0019-03	V8050516B A 8260	5 May 16 23:21
32	32	v8000857.d	1.	16E0019-04	V8050516B A 8260	5 May 16 23:47
33	33	v8000858.d	1.	16E0019-05	V8050516B A 8260	6 May 16 00:13
34	34	v8000859.d	10.	16E0019-06	V8050516B A 8260	6 May 16 00:38
35	35	v8000860.d	1.	16E0017-01	V8050516B A RCP	6 May 16 01:03
36	36	v8000861.d	1.	16E0017-02	V8050516B A RCP	6 May 16 01:29
37	37	v8000862.d	1.	16E0029-01	V8050516B A RCP	6 May 16 01:54
38	38	v8000863.d	1.	16E0030-05	V8050516B A RCP	6 May 16 02:20
39	39	v8000864.d	5.	16E0003-01	V8050516B A RCP 10ML/50ML	6 May 16 02:46
40	40	v8000865.d	1.	16E0003-02	V8050516B A RCP	6 May 16 03:11
41	41	v8000866.d	1.	16E0003-03	V8050516B A RCP	6 May 16 03:37
42	42	v8000867.d	1.	16E0217-01	V8050516B A 8260 COMP AF	6 May 16 04:02
43	43	v8000868.d	1.	16E0217-02	V8050516B A 8260 COMP AF	6 May 16 04:28
44	44	v8000869.d	1.	16E0217-03	V8050516B A 8260 COMP AF	6 May 16 04:53
45	45	v8000870.d	1.	16D0967-01	V8050516B A 8260 COMP AF	6 May 16 05:19

V8L00005.M

Injection Log

Directory: g:\msvoa8~1\dailydat\050616

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v8000871.d	1.	SEQ-TUN1	V8050616A	6 May 16 08:13
2	2	v8000872.d	1.	SEQ-CCV1	V8050616A Y16D110	6 May 16 08:43
3	3	v8000873.d	1.	BE60298-BS1	V8050616A Y16D116	6 May 16 09:18
4	4	v8000874.d	1.	BE60298-BSD1	V8050616A Y16D116	6 May 16 09:43
5	5	v8000875.d	1.	BE60298-BLK1	V8050616A	6 May 16 10:09
6	6	v8000876.d	1.	BLK	V8050616A	6 May 16 10:34
7	7	v8000877.d	10.	16D1108-04RE1	V8050616A 8260 LOW 5ML/50ML B	6 May 16 11:00
8	8	v8000878.d	10.	16D1108-19	V8050616A RE 8260 LOW 5ML/50ML B	6 May 16 11:26
9	9	v8000879.d	200.	16D1108-18RE1	V8050616A 8260 LOW 250UL/50ML B	6 May 16 11:51
10	10	v8000880.d	1000.	16D1123-01	V8050616A 8260 COMP 50UL/50ML pH=7 A	6 May 16 12:16
11	11	v8000881.d	5000.	16D1123-01RE1	V8050616A 8260 COMP 10UL/50ML pH=7 A	6 May 16 12:52
12	12	v8000882.d	1.	16E0003-04	V8050616A 8260 LOW A	6 May 16 13:23
13	13	v8000883.d	1.	16E0003-05	V8050616A 8260 LOW A	6 May 16 13:49
14	14	v8000884.d	1.	16E0147-02	V8050616A NYCDEP SEWER A	6 May 16 14:14
15	15	v8000885.d	200.	16E0147-01	V8050616A NYCDEP SEWER 250UL/50ML AF B	6 May 16 14:40
16	16	v8000886.d	1.	16E0003-07	V8050616A 8260 LOW A	6 May 16 15:05
17	17	v8000887.d	1.	BE60298-MS1	V8050616A 16E0003-07 D	6 May 16 15:31
18	18	v8000888.d	100.	BE60298-MSD1	V8050616A 16E0003-07 G	6 May 16 15:57
19	19	v8000889.d	1.	MBLK	V8050616A	6 May 16 16:22
20	20	v8000890.d	100.	16E0003-08	V8050616A 8260 LOW A	6 May 16 16:48
21	21	v8000891.d	1.	16E0003-09	V8050616A 8260 LOW A	6 May 16 17:13
22	22	v8000892.d	100.	16E0003-06	V8050616A 8260 LOW A	6 May 16 17:39
23	23	v8000893.d	1.	16E0003-10	V8050616A 8260 LOW A	6 May 16 18:04
24	24	v8000894.d	1.	16E0003-11	V8050616A 8260 LOW A	6 May 16 18:30
25	25	v8000895.d	1.	SEQ-TUN1	V8050616B	6 May 16 18:55
26	26	v8000896.d	1.	SEQ-TUN1	V8050616B	6 May 16 19:21
27	27	v8000897.d	1.	SEQ-CCV1	V8050616B Y16D110	6 May 16 19:47
28	28	v8000898.d	1.	BE60338-BS1	V8050616B Y16D116	6 May 16 20:12
29	29	v8000899.d	1.	BE60338-BSD1	V8050616B Y16D116	6 May 16 20:38
30	30	v8000900.d	1.	BE60338-BLK1	V8050616B	6 May 16 21:03
31	31	v8000901.d	1.	BLK	V8050616B	6 May 16 21:29
32	32	v8000902.d	1.	16E0229-02	V8050616B CT RCP A	6 May 16 21:54
33	33	v8000903.d	1.	16E0003-12	V8050616B 8260 LOW A	6 May 16 22:20
34	34	v8000904.d	1.	16E0003-13	V8050616B 8260 LOW A	6 May 16 22:45
35	35	v8000905.d	1.	16E0003-14	V8050616B 8260 LOW A	6 May 16 23:11
36	36	v8000906.d	1.	16E0003-15	V8050616B 8260 LOW A	6 May 16 23:36
37	37	v8000907.d	1.	16E0003-16	V8050616B 8260 LOW AF pH=11 A	7 May 16 00:02
38	38	v8000908.d	1.	16E0003-17	V8050616B 8260 LOW A	7 May 16 00:27
39	39	v8000909.d	1.	16E0003-18	V8050616B 8260 LOW A	7 May 16 00:53
40	40	v8000910.d	1.	16E0003-19	V8050616B 8260 LOW A	7 May 16 01:19
41	41	v8000911.d	1.	16E0003-20	V8050616B 8260 LOW A	7 May 16 01:44
42	42	v8000912.d	1.	16E0003-21	V8050616B 8260 LOW A	7 May 16 02:10
43	43	v8000913.d	1.	16E0003-22	V8050616B 8260 LOW A	7 May 16 02:35
44	44	v8000914.d	1.	16E0138-01	V8050616B CP51 LOW A	7 May 16 03:01
45	45	v8000915.d	1.	16E0138-02	V8050616B CP51 LOW C	7 May 16 03:26
46	46	v8000916.d	1.	16E0138-03	V8050616B CP51 LOW A	7 May 16 03:52
47	47	v8000917.d	1.	16E0085-06	V8050616B CP51 LOW A	7 May 16 04:18
48	48	v8000918.d	1.	16E0085-07	V8050616B CP51 LOW A	7 May 16 04:43

Injection Log

Directory: g:\msvoa8~1\dailydat\050616

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v8000871.d	1.	SEQ-TUN1	V8050616A	6 May 16 08:13
2	2	v8000872.d	1.	SEQ-CCV1	V8050616A Y16D110	6 May 16 08:43
3	3	v8000873.d	1.	BE60298-BS1	V8050616A Y16D116	6 May 16 09:18
4	4	v8000874.d	1.	BE60298-BSD1	V8050616A Y16D116	6 May 16 09:43
5	5	v8000875.d	1.	BE60298-BLK1	V8050616A	6 May 16 10:09
6	6	v8000876.d	1.	BLK	V8050616A	6 May 16 10:34
7	7	v8000877.d	10.	16D1108-04RE1	V8050616A 8260 LOW 5ML/50ML B	6 May 16 11:00
8	8	v8000878.d	10.	16D1108-19	V8050616A RE 8260 LOW 5ML/50ML B	6 May 16 11:26
9	9	v8000879.d	200.	16D1108-18RE1	V8050616A 8260 LOW 250UL/50ML B	6 May 16 11:51
10	10	v8000880.d	1000.	16D1123-01	V8050616A 8260 COMP 50UL/50ML pH=7 A	6 May 16 12:16
11	11	v8000881.d	5000.	16D1123-01RE1	V8050616A 8260 COMP 10UL/50ML pH=7 A	6 May 16 12:52
12	12	v8000882.d	1.	16E0003-04	V8050616A 8260 LOW A	6 May 16 13:23
13	13	v8000883.d	1.	16E0003-05	V8050616A 8260 LOW A	6 May 16 13:49
14	14	v8000884.d	1.	16E0147-02	V8050616A NYCDEP SEWER A	6 May 16 14:14
15	15	v8000885.d	200.	16E0147-01	V8050616A NYCDEP SEWER 250UL/50ML AF B	6 May 16 14:40
16	16	v8000886.d	1.	16E0003-07	V8050616A 8260 LOW A	6 May 16 15:05
17	17	v8000887.d	1.	BE60298-MS1	V8050616A 16E0003-07 D	6 May 16 15:31
18	18	v8000888.d	1.	BE60298-MSD1	V8050616A 16E0003-07 G	6 May 16 15:57
19	19	v8000889.d	1.	MBLK	V8050616A	6 May 16 16:22
20	20	v8000890.d	100.	16E0003-08	V8050616A 8260 LOW A	6 May 16 16:48
21	21	v8000891.d	1.	16E0003-09	V8050616A 8260 LOW A	6 May 16 17:13
22	22	v8000892.d	100.	16E0003-06	V8050616A 8260 LOW A	6 May 16 17:39
23	23	v8000893.d	1.	16E0003-10	V8050616A 8260 LOW A	6 May 16 18:04
24	24	v8000894.d	1.	16E0003-11	V8050616A 8260 LOW A	6 May 16 18:30
25	25	v8000895.d	1.	SEQ-TUN1	V8050616B	6 May 16 18:55
26	26	v8000896.d	1.	SEQ-TUN1	V8050616B	6 May 16 19:21
27	27	v8000897.d	1.	SEQ-CCV1	V8050616B Y16D110	6 May 16 19:47
28	28	v8000898.d	1.	BE60338-BS1	V8050616B Y16D116	6 May 16 20:12
29	29	v8000899.d	1.	BE60338-BSD1	V8050616B Y16D116	6 May 16 20:38
30	30	v8000900.d	1.	BE60338-BLK1	V8050616B	6 May 16 21:03
31	31	v8000901.d	1.	BLK	V8050616B	6 May 16 21:29
32	32	v8000902.d	1.	16E0229-02	V8050616B CT RCP A	6 May 16 21:54
33	33	v8000903.d	1.	16E0003-12	V8050616B 8260 LOW A	6 May 16 22:20
34	34	v8000904.d	1.	16E0003-13	V8050616B 8260 LOW A	6 May 16 22:45
35	35	v8000905.d	1.	16E0003-14	V8050616B 8260 LOW A	6 May 16 23:11
36	36	v8000906.d	1.	16E0003-15	V8050616B 8260 LOW A	6 May 16 23:36
37	37	v8000907.d	1.	16E0003-16	V8050616B 8260 LOW AF pH=11 A	7 May 16 00:02
38	38	v8000908.d	1.	16E0003-17	V8050616B 8260 LOW A	7 May 16 00:27
39	39	v8000909.d	1.	16E0003-18	V8050616B 8260 LOW A	7 May 16 00:53
40	40	v8000910.d	1.	16E0003-19	V8050616B 8260 LOW A	7 May 16 01:19
41	41	v8000911.d	1.	16E0003-20	V8050616B 8260 LOW A	7 May 16 01:44
42	42	v8000912.d	1.	16E0003-21	V8050616B 8260 LOW A	7 May 16 02:10
43	43	v8000913.d	1.	16E0003-22	V8050616B 8260 LOW A	7 May 16 02:35
44	44	v8000914.d	1.	16E0138-01	V8050616B CP51 LOW A	7 May 16 03:01
45	45	v8000915.d	1.	16E0138-02	V8050616B CP51 LOW C	7 May 16 03:26
46	46	v8000916.d	1.	16E0138-03	V8050616B CP51 LOW A	7 May 16 03:52
47	47	v8000917.d	1.	16E0085-06	V8050616B CP51 LOW A	7 May 16 04:18
48	48	v8000918.d	1.	16E0085-07	V8050616B CP51 LOW A	7 May 16 04:43

V8L00005.M

APPENDIX E

PREMIER ENVIRONMENTAL
SERVICES, INC.

DATA USABILITY SUMMARY REPORT (DUSR)
OF THE
DELUXE CORPORATION SITE

VOLATILE ORGANIC ANALYSES
(EPA METHOD 8260C)
IN AQUEOUS SAMPLES

YORK ANALYTICAL LABORATORIES, INC.
STRATFORD, CT

REPORT NUMBER: 16E0003

October, 2016

Prepared for
Leggette, Brashears & Graham, Inc.
White Plains, New York

Prepared by
Premier Environmental Services
2815 Covered Bridge Road
Merrick, New York 11566
(516)223-9761

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR: Volatile Organic Analyses,
(EPA Methods: 8260C)

SITE: Deluxe Corporation Site

CONTRACT LAB: York Analytical Laboratories, Inc.
Stratford, CT

PROJECT NO.: 16E0003

REVIEWER: Renee Cohen

DATE REVIEW COMPLETED: October, 2016

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 nineteen (19) aqueous field samples, one (1) Field Duplicate sample, 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 27, 2016 and April 28, 2016. The samples were received at York Analytical Laboratories located in Stratford, CT on May 2, 2016 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 16E0003 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 an aqueous sample is pH preservation (<pH2) and refrigeration at 4 degrees C or less 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 16E0003 were collected April 27, 2016 and April 28, 2016. The samples were received at the laboratory on May 2, 2016. These groundwater samples were received in appropriate glassware with proper preservation. The sample analyses and QC sample analyses associated with this data set were completed by May 7, 2016. The 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. These surrogate compounds are added to the sample 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 percent recovery of each surrogate compound met QC criteria in each of the field samples and QC samples associated with this data set.

ORGANIC DATA ASSESSMENT

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 2C. Sample 2C was fortified with each of the reported target analyte. The percent recovery of each target analyte met in-house QC limits in the MS and MSD sample with the exception of the following:

Analyte	Recovery
Bromoform	Low/Low
Dibromochloromethane	Low/OK
Methyl tert Butyl Ether (MTBE)	Low/Low

These target analytes have been estimated "J/UJ" qualified in sample 2C. Bromomethane RPD did not meet QC criteria. Bromomethane was previously qualified "UJ", therefore no further action was taken.

In addition, the laboratory prepared and analyzed a one (1) Laboratory Control Sample and or Laboratory Control Sample Duplicate (LCS/LCSD) with each sample batch. Three (3) 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 the following:

Batch ID	Analyte	Recovery	RPD (%)
BE60261	1,1,2,2-Tetrachloroethane	High/OK	
	Bromobenzene	High/OK	
	Bromoform	Low/OK	
	n-Butylbenzene	High/OK	
	Acetone		High
BE60298	Bromobenzene	High/OK	
	Bromoform	Low/Low	
	Dibromochloromethane	Low/OK	
	n-Butylbenzene	High/High	
BE60338	Bromobenzene	High/High	
	Bromoform	Low/Low	
	n-Butylbenzene	High/High	
	Tetrachloroethene	High/OK	High

Detected target analytes have been estimated "J/UJ" qualified when the % Recovery was below QC limit. When the LCS % recovery was reported above QC limit, detected target analytes have been estimated "J" qualified, non-detect analyte results are acceptable as reported. Target analyte RPD criteria above QC limit has been qualified "J/UJ" qualified in the associated samples.

Qualified data result pages are located in Appendix B of this report.

ORGANIC DATA ASSESSMENT

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 – Three (3) method blank samples are associated with this data set. Each of the method blank samples (Batch BE60261, BE60298 and BE60338) were free from contamination of all target analytes with the exception of 1,2,3-Trichlorobenzene.

Batch ID	Analyte	Concentration
BE60261	1,2,3-Trichlorobenzene	0.34 J ug/l
BE60298	1,2,3-Trichlorobenzene	0.35 J ug/l.
BE60338	1,2,3-Trichlorobenzene	0.40 J ug/l

1,2,4-Trichlorobenzene was not detected in the samples associated with this data set, therefore no action was taken.

B) Field Blank (ERB) contamination

The Field Blank sample was free from contamination of target analytes with the exception of Toluene (0.29 J ug/l). When detected in associated samples, Toluene has been negated “U” qualified.

Qualified data result pages are located in Appendix B of this report.

C) Trip Blank contamination

A Trip Blank sample associated with this data set. The Trip Blank sample was free from contamination of target analytes.

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 V8 on April 28, 2016. 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 target compounds met QC criteria in this initial calibration curve analysis with the exception of 1,2-Dibromo-3-chloropropane and Trichlorofluoromethane. 1,2-Dibromo-3-chloropropane (0.038) and Trichlorofluoromethane (0.002) have been deemed unusable "R" qualified in each of the samples reported in this data set.

Qualified data result pages are located in Appendix B of this report.

Three (3) continuing calibration verification (CCV) standard analyses are associated with the initial calibration curve analyses. The RRF of target analytes met QC criteria in each of the CCV standards associated with this data set with the exception of the following:

Date	File ID	Analyte	RRF
5/5/16	V8000849.D	1,2-Dibromo-3-chloropropane	0.036
5/6/16	V8000872.D	2-Butanone	0.044
		Bromoform	0.047
		1,2-Dibromo-3-chloropropane	0.034
5/6/16	V8000897.D	2-Butanone	0.046
		Bromoform	0.049

2-Butanone and Bromoform were previously qualified "UJ" qualified due to % recovery of the Blank Spike sample analysis, therefore no further action was taken.

ORGANIC DATA ASSESSMENT

6. GC/MS CALIBRATION:

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. 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.

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 28, 2016 (Inst. V8). The %RSD of target compounds with the exception of Acetone (33.4%), Bromomethane (28.99%), Chloromethane (25.23%), 2-Butanone (25.35%) and Hexachlorobutadiene (24.10%) met QC criteria in this initial calibration curve analysis. These target analytes have been estimated "J/UJ" qualified in each of the samples reported in this data set.

Qualified data result pages are located in Appendix B of this report.

Three (3) continuing calibration verification (CCV) standard analyses are associated with the samples in this data set. The %Difference criteria were met in each of the CCV standards with the exception of that summarized below:

Date/File ID	Analyte	%Difference
5/5/16 V8000849.D	Dichlorodifluoromethane	22.1
	Chloromethane	56.9
	Bromomethane	34.5
	Acetone	29.8
	2,2-Dichloropropane	21.7
	Carbon Tetrachloride	21.8
	Bromoform	30.9
	Bromobenzene	21.8
	2-Chlorotoluene	21.3
	n-Butylbenzene	25.1
	Dichlorodifluoromethane	24.1
5/6/16 V8000872.D	Chloromethane	52.1
	Trichlorofluoromethane	24.3
	MTBE	20.9
	Bromoform	35.0
	Bromobenzene	25.0
	n-Propylbenzene	27.2
	2-Chlorotoluene	28.6
	4-Chlorotoluene	23.5
	n-Butylbenzene	35.9
	Dichlorodifluoromethane	24.1

ORGANIC DATA ASSESSMENT

6. GC/MS CALIBRATION:

Date/File ID	Analyte	%Difference
5/6/16 V8000897.D	Chloromethane	48.9
	Trichlorofluoromethane	40.7
	MTBE	22.5
	Dibromochloromethane	20.5
	m,p-Xylene (Total Xylene)	22.4
	Bromoform	33.4
	Bromobenzene	26.9
	n-Propylbenzene	30.3
	2-Chlorotoluene	32.8
	4-Chlorotoluene	26.9
	1,3,5-Trimethylbenzene	22.6
	1,2,4-Trimethylbenzene	22.9
	sec-Butylbenzene	22.8
	n-Butylbenzene	40.8

These target analytes have been estimated "UJ/J" qualified when not previously qualified in the samples associated with these CCV standard analyses.

Qualified data result pages are located in Appendix B of this report.

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".

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.

ORGANIC DATA ASSESSMENT

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.

Samples are fortified 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.

Laboratory Report 16E0003 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 8260C. The EPA Method 8260C 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.

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.

Aqueous sample MW-2C (16E0003-7) was collected in duplicate and reported in this data set. A review of detected analytes was performed. The relative percent difference (RPD) of detected analytes met QC criteria in these field duplicate sample analysis.

ORGANIC DATA ASSESSMENT

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. An analyte concentration reported between the LOD and LOQ are "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**

1A	16E0003-01
1B	16E0003-02
1C	16E0003-03
1D	16E0003-04
2A	16E0003-05
2B	16E0003-06
2C	16E0003-07
Field Duplicate	16E0003-08
3A	16E0003-09
3B	16E0003-10
3C	16E0003-11
4A	16E0003-12
4B	16E0003-13
4C	16E0003-14
5A	16E0003-15
5D	16E0003-16
6A	16E0003-17
6D	16E0003-18
7A	16E0003-19
7D	16E0003-20
Trip Blank	16E0003-21
Field Blank	16E0003-22

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.

APPENDIX B

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-01 File ID: V8000864.D
 Sampled: 04/28/16 11:20 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 02:46
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	5	2.5	U
71-55-6	1,1,1-Trichloroethane	5	2.5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	2.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	2.5	U
79-00-5	1,1,2-Trichloroethane	5	2.5	U
75-34-3	1,1-Dichloroethane	5	2.5	U
75-35-4	1,1-Dichloroethylene	5	2.5	U
563-58-6	1,1-Dichloropropylene	5	2.5	U
87-61-6	1,2,3-Trichlorobenzene	5	2.5	U
96-18-4	1,2,3-Trichloropropane	5	2.5	U
527-53-7	1,2,4,5-Tetramethylbenzene	5	2.5	U
120-82-1	1,2,4-Trichlorobenzene	5	2.5	U
95-63-6	1,2,4-Trimethylbenzene	5	2.5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	2.5	U
106-93-4	1,2-Dibromoethane	5	2.5	U
95-50-1	1,2-Dichlorobenzene	5	2.5	U
107-06-2	1,2-Dichloroethane	5	2.5	U
78-87-5	1,2-Dichloropropane	5	2.5	U
108-67-8	1,3,5-Trimethylbenzene	5	2.5	U
541-73-1	1,3-Dichlorobenzene	5	2.5	U
142-28-9	1,3-Dichloropropane	5	2.5	U
106-46-7	1,4-Dichlorobenzene	5	2.5	U
594-20-7	2,2-Dichloropropane	5	2.5	U
78-93-3	2-Butanone	5	10	U
95-49-8	2-Chlorotoluene	5	2.5	U
591-78-6	2-Hexanone	5	2.5	U
106-43-4	4-Chlorotoluene	5	2.5	U
108-10-1	4-Methyl-2-pentanone	5	2.5	U
67-64-1	Acetone	5	10	U
71-43-2	Benzene	5	2.5	U
108-86-1	Bromobenzene	5	2.5	U
74-97-5	Bromochloromethane	5	2.5	U
75-27-4	Bromodichloromethane	5	2.5	U
75-25-2	Bromoform	5	2.5	U
74-83-9	Bromomethane	5	2.5	U
75-15-0	Carbon disulfide	5	2.5	U
56-23-5	Carbon tetrachloride	5	2.5	U
108-90-7	Chlorobenzene	5	2.5	U
75-00-3	Chloroethane	5	2.5	U
67-66-3	Chloroform	5	2.5	U

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-01 File ID: V8000864.D
 Sampled: 04/28/16 11:20 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 02:46
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	5	2.5	U
156-59-2	cis-1,2-Dichloroethylene	5	14	D
10061-01-5	cis-1,3-Dichloropropylene	5	2.5	U
124-48-1	Dibromochloromethane	5	2.5	U
74-95-3	Dibromomethane	5	2.5	U
75-71-8	Dichlorodifluoromethane	5	2.5	U
100-41-4	Ethyl Benzene	5	2.5	U
87-68-3	Hexachlorobutadiene	5	2.5	U
98-82-8	Isopropylbenzene	5	2.5	U
1634-04-4	Methyl tert-butyl ether (MTBE)	5	2.5	U
75-09-2	Methylene chloride	5	10	U
91-20-3	Naphthalene	5	10	U
104-51-8	n-Butylbenzene	5	2.5	U
103-65-1	n-Propylbenzene	5	2.5	U
95-47-6	o-Xylene	5	2.5	U
179601-23-1	p- & m- Xylenes	5	5.0	U
105-05-5	p-Diethylbenzene	5	2.5	U
622-96-8	p-Ethyltoluene	5	2.5	U
99-87-6	p-Isopropyltoluene	5	2.5	U
135-98-8	sec-Butylbenzene	5	2.5	U
100-42-5	Styrene	5	2.5	U
98-06-6	tert-Butylbenzene	5	2.5	U
127-18-4	Tetrachloroethylene	5	200	D
108-88-3	Toluene	5	2.5	U
156-60-5	trans-1,2-Dichloroethylene	5	2.5	U
10061-02-6	trans-1,3-Dichloropropylene	5	2.5	U
79-01-6	Trichloroethylene	5	150	D
75-69-4	Trichlorofluoromethane	5	2.5	U
75-01-4	Vinyl Chloride	5	2.5	U
1330-20-7	Xylenes, Total	5	7.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.2	112	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-02 File ID: V8000865.D
 Sampled: 04/28/16 11:35 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 03:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	1.6	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.40	J
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

R

UJ

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-02 File ID: V8000865.D
 Sampled: 04/28/16 11:35 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 03:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	1.8	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	30	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	9.4	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.0	110	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-03 File ID: V8000866.D
 Sampled: 04/28/16 11:50 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 03:37
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.53	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	3.1	
75-35-4	1,1-Dichloroethylene	1	1.5	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-03 File ID: V8000866.D
 Sampled: 04/28/16 11:50 Prepared: 05/05/16 16:52 Analyzed: 05/06/16 03:37
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60261 Sequence: Y6E0619 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.23	J
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	5.8	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	4.5	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.7	107	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-04 File ID: V8000882.D
 Sampled: 04/28/16 12:40 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 13:23
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-04 File ID: V8000882.D
 Sampled: 04/28/16 12:40 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 13:23
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.89	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.48	J
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.6	106	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.8	118	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-05 File ID: V8000883.D
 Sampled: 04/27/16 10:50 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 13:49
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-05 File ID: V8000883.D
 Sampled: 04/27/16 10:50 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 13:49
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-06 File ID: V8000892.D
 Sampled: 04/27/16 10:35 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 17:39
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-06 File ID: V8000892.D
 Sampled: 04/27/16 10:35 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 17:39
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.31	J
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.6	106	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.9	119	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-07 File ID: V8000886.D
 Sampled: 04/27/16 09:25 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 15:05
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.62	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	3.0	
75-35-4	1,1-Dichloroethylene	1	1.4	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-07 File ID: V8000886.D
 Sampled: 04/27/16 09:25 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 15:05
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.9	119	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-08 File ID: V8000890.D
 Sampled: 04/27/16 15:00 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 16:48
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.59	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	3.0	
75-35-4	1,1-Dichloroethylene	1	1.4	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-08 File ID: V8000890.D
 Sampled: 04/27/16 15:00 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 16:48
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.8	118	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-09 File ID: V8000891.D
 Sampled: 04/27/16 11:15 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 17:13
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-09 File ID: V8000891.D
 Sampled: 04/27/16 11:15 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 17:13
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.0	110	69 - 130	
Toluene-d8	10.0	10.6	106	81 - 117	
p-Bromofluorobenzene	10.0	11.5	115	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-10 File ID: V8000893.D
 Sampled: 04/27/16 11:25 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 18:04
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-10 File ID: V8000893.D
 Sampled: 04/27/16 11:25 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 18:04
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.26	J
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggett Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-11 File ID: V8000894.D
 Sampled: 04/27/16 12:00 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 18:30
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.85	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	1.2	
75-35-4	1,1-Dichloroethylene	1	0.63	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-11 File ID: V8000894.D
 Sampled: 04/27/16 12:00 Prepared: 05/06/16 09:31 Analyzed: 05/06/16 18:30
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60298 Sequence: Y6E0618 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.8	118	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-12 File ID: V8000903.D
 Sampled: 04/27/16 12:40 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 22:20
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.59	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.51	
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-12 File ID: V8000903.D
 Sampled: 04/27/16 12:40 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 22:20
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.85		
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
124-48-1	Dibromochloromethane	1	0.50	U	UJ
74-95-3	Dibromomethane	1	0.50	U	
75-71-8	Dichlorodifluoromethane	1	0.50	U	
100-41-4	Ethyl Benzene	1	0.50	U	
87-68-3	Hexachlorobutadiene	1	0.50	U	UJ
98-82-8	Isopropylbenzene	1	0.50	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U	UJ
75-09-2	Methylene chloride	1	2.0	U	
91-20-3	Naphthalene	1	2.0	U	
104-51-8	n-Butylbenzene	1	0.50	U	UJ
103-65-1	n-Propylbenzene	1	0.50	U	UJ
95-47-6	o-Xylene	1	0.50	U	
179601-23-1	p- & m- Xylenes	1	1.0	U	
105-05-5	p-Diethylbenzene	1	0.50	U	
622-96-8	p-Ethyltoluene	1	0.50	U	
99-87-6	p-Isopropyltoluene	1	0.50	U	
135-98-8	sec-Butylbenzene	1	0.50	U	UJ
100-42-5	Styrene	1	0.50	U	
98-06-6	tert-Butylbenzene	1	0.50	U	
127-18-4	Tetrachloroethylene	1	20		J
108-88-3	Toluene	1	0.50	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U	
79-01-6	Trichloroethylene	1	2.0		
75-69-4	Trichlorofluoromethane	1	0.50	U	R
75-01-4	Vinyl Chloride	1	0.50	U	
1330-20-7	Xylenes, Total	1	1.5	U	UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.3	113	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.5	115	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-13 File ID: V8000904.D
 Sampled: 04/27/16 12:55 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 22:45
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	2.6	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.37	J
75-35-4	1,1-Dichloroethylene	1	0.43	J
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-13 File ID: V8000904.D
 Sampled: 04/27/16 12:55 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 22:45
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	8.1		
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
124-48-1	Dibromochloromethane	1	0.50	U	UJ
74-95-3	Dibromomethane	1	0.50	U	
75-71-8	Dichlorodifluoromethane	1	0.50	U	
100-41-4	Ethyl Benzene	1	0.50	U	
87-68-3	Hexachlorobutadiene	1	0.50	U	UJ
98-82-8	Isopropylbenzene	1	0.50	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U	UJ
75-09-2	Methylene chloride	1	2.0	U	
91-20-3	Naphthalene	1	2.0	U	
104-51-8	n-Butylbenzene	1	0.50	U	UJ
103-65-1	n-Propylbenzene	1	0.50	U	UJ
95-47-6	o-Xylene	1	0.50	U	
179601-23-1	p- & m- Xylenes	1	1.0	U	
105-05-5	p-Diethylbenzene	1	0.50	U	
622-96-8	p-Ethyltoluene	1	0.50	U	
99-87-6	p-Isopropyltoluene	1	0.50	U	
135-98-8	sec-Butylbenzene	1	0.50	U	UJ
100-42-5	Styrene	1	0.50	U	
98-06-6	tert-Butylbenzene	1	0.50	U	
127-18-4	Tetrachloroethylene	1	52		J
108-88-3	Toluene	1	0.50	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.29	J	
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U	
79-01-6	Trichloroethylene	1	18		
75-69-4	Trichlorofluoromethane	1	0.50	U	R
75-01-4	Vinyl Chloride	1	0.50	U	
1330-20-7	Xylenes, Total	1	1.5	U	UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.0	110	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-14 File ID: V8000905.D
 Sampled: 04/27/16 13:35 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 23:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.75	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	2.1	
75-35-4	1,1-Dichloroethylene	1	1.2	
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-14 File ID: V8000905.D
 Sampled: 04/27/16 13:35 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 23:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
124-48-1	Dibromochloromethane	1	0.50	U	UJ
74-95-3	Dibromomethane	1	0.50	U	
75-71-8	Dichlorodifluoromethane	1	0.50	U	
100-41-4	Ethyl Benzene	1	0.50	U	
87-68-3	Hexachlorobutadiene	1	0.50	U	UJ
98-82-8	Isopropylbenzene	1	0.50	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U	UJ
75-09-2	Methylene chloride	1	2.0	U	
91-20-3	Naphthalene	1	2.0	U	
104-51-8	n-Butylbenzene	1	0.50	U	UJ
103-65-1	n-Propylbenzene	1	0.50	U	UJ
95-47-6	o-Xylene	1	0.50	U	
179601-23-1	p- & m- Xylenes	1	1.0	U	
105-05-5	p-Diethylbenzene	1	0.50	U	
622-96-8	p-Ethyltoluene	1	0.50	U	
99-87-6	p-Isopropyltoluene	1	0.50	U	
135-98-8	sec-Butylbenzene	1	0.50	U	UJ
100-42-5	Styrene	1	0.50	U	
98-06-6	tert-Butylbenzene	1	0.50	U	
127-18-4	Tetrachloroethylene	1	0.32	J	J
108-88-3	Toluene	1	0.50	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U	
79-01-6	Trichloroethylene	1	0.50	U	
75-69-4	Trichlorofluoromethane	1	0.50	U	R
75-01-4	Vinyl Chloride	1	0.50	U	
1330-20-7	Xylenes, Total	1	1.5	U	UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.5	105	69 - 130	
Toluene-d8	10.0	10.9	109	81 - 117	
p-Bromofluorobenzene	10.0	11.8	118	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-15 File ID: V8000906.D
 Sampled: 04/27/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 23:36
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.33	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.41	J
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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FORM I

ORGANIC ANALYSIS DATA SHEET

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-15 File ID: V8000906.D
 Sampled: 04/27/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/06/16 23:36
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.74		
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
124-48-1	Dibromochloromethane	1	0.50	U	UJ
74-95-3	Dibromomethane	1	0.50	U	
75-71-8	Dichlorodifluoromethane	1	0.50	U	
100-41-4	Ethyl Benzene	1	0.50	U	
87-68-3	Hexachlorobutadiene	1	0.50	U	UJ
98-82-8	Isopropylbenzene	1	0.50	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U	UJ
75-09-2	Methylene chloride	1	2.0	U	
91-20-3	Naphthalene	1	2.0	U	
104-51-8	n-Butylbenzene	1	0.50	U	UJ
103-65-1	n-Propylbenzene	1	0.50	U	UJ
95-47-6	o-Xylene	1	0.50	U	
179601-23-1	p- & m- Xylenes	1	1.0	U	
105-05-5	p-Diethylbenzene	1	0.50	U	
622-96-8	p-Ethyltoluene	1	0.50	U	
99-87-6	p-Isopropyltoluene	1	0.50	U	
135-98-8	sec-Butylbenzene	1	0.50	U	UJ
100-42-5	Styrene	1	0.50	U	
98-06-6	tert-Butylbenzene	1	0.50	U	
127-18-4	Tetrachloroethylene	1	7.3		J
108-88-3	Toluene	1	0.50	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U	
79-01-6	Trichloroethylene	1	1.1		
75-69-4	Trichlorofluoromethane	1	0.50	U	R
75-01-4	Vinyl Chloride	1	0.50	U	
1330-20-7	Xylenes, Total	1	1.5	U	UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-16 File ID: V8000907.D
 Sampled: 04/27/16 15:35 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:02
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	3.5	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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FORM I

ORGANIC ANALYSIS DATA SHEET

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-16 File ID: V8000907.D
 Sampled: 04/27/16 15:35 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:02
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.21	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.7	107	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-17 File ID: V8000908.D
 Sampled: 04/28/16 08:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:27
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-17 File ID: V8000908.D
 Sampled: 04/28/16 08:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:27
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	10.9	109	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-18 File ID: V8000909.D
 Sampled: 04/28/16 08:45 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:53
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.27	J
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-18 File ID: V8000909.D
 Sampled: 04/28/16 08:45 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 00:53
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.34	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-19 File ID: V8000910.D
 Sampled: 04/28/16 09:30 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 01:19
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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FORM I

ORGANIC ANALYSIS DATA SHEET

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-19 File ID: V8000910.D
 Sampled: 04/28/16 09:30 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 01:19
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
124-48-1	Dibromochloromethane	1	0.50	U	UJ
74-95-3	Dibromomethane	1	0.50	U	
75-71-8	Dichlorodifluoromethane	1	0.73		
100-41-4	Ethyl Benzene	1	0.50	U	
87-68-3	Hexachlorobutadiene	1	0.50	U	UJ
98-82-8	Isopropylbenzene	1	0.50	U	
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U	UJ
75-09-2	Methylene chloride	1	2.0	U	
91-20-3	Naphthalene	1	2.0	U	
104-51-8	n-Butylbenzene	1	0.50	U	UJ
103-65-1	n-Propylbenzene	1	0.50	U	UJ
95-47-6	o-Xylene	1	0.50	U	
179601-23-1	p- & m- Xylenes	1	1.0	U	
105-05-5	p-Diethylbenzene	1	0.50	U	
622-96-8	p-Ethyltoluene	1	0.50	U	
99-87-6	p-Isopropyltoluene	1	0.50	U	
135-98-8	sec-Butylbenzene	1	0.50	U	UJ
100-42-5	Styrene	1	0.50	U	
98-06-6	tert-Butylbenzene	1	0.50	U	
127-18-4	Tetrachloroethylene	1	0.50	U	UJ
108-88-3	Toluene	1	0.50	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U	
79-01-6	Trichloroethylene	1	0.50	U	
75-69-4	Trichlorofluoromethane	1	0.50	U	R
75-01-4	Vinyl Chloride	1	0.50	U	
1330-20-7	Xylenes, Total	1	1.5	U	UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-20 File ID: V8000911.D
 Sampled: 04/28/16 10:40 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 01:44
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.25	J
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	23	J
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-20 File ID: V8000911.D
 Sampled: 04/28/16 10:40 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 01:44
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
124-48-1	Dibromochloromethane	1	0.50	U	UJ
74-95-3	Dibromomethane	1	0.50	U	
75-71-8	Dichlorodifluoromethane	1	0.50	U	
100-41-4	Ethyl Benzene	1	0.50	U	
87-68-3	Hexachlorobutadiene	1	0.50	U	UJ
98-82-8	Isopropylbenzene	1	0.50	U	UJ
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U	UJ
75-09-2	Methylene chloride	1	2.0	U	
91-20-3	Naphthalene	1	2.0	U	
104-51-8	n-Butylbenzene	1	0.50	U	UJ
103-65-1	n-Propylbenzene	1	0.50	U	UJ
95-47-6	o-Xylene	1	0.50	U	
179601-23-1	p- & m- Xylenes	1	1.0	U	
105-05-5	p-Diethylbenzene	1	0.50	U	
622-96-8	p-Ethyltoluene	1	0.50	U	
99-87-6	p-Isopropyltoluene	1	0.50	U	
135-98-8	sec-Butylbenzene	1	0.50	U	UJ
100-42-5	Styrene	1	0.50	U	
98-06-6	tert-Butylbenzene	1	0.50	U	
127-18-4	Tetrachloroethylene	1	0.50	U	UJ
108-88-3	Toluene	1	0.50	U	
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U	
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U	
79-01-6	Trichloroethylene	1	0.50	U	
75-69-4	Trichlorofluoromethane	1	0.50	U	R
75-01-4	Vinyl Chloride	1	0.50	U	
1330-20-7	Xylenes, Total	1	1.5	U	UJ

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.9	109	69 - 130	
Toluene-d8	10.0	10.8	108	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-21 File ID: V8000912.D
 Sampled: 04/28/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 02:10
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-21 File ID: V8000912.D
 Sampled: 04/28/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 02:10
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	11.4	114	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

* Values outside of QC limits

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-22 File ID: V8000913.D
 Sampled: 04/28/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 02:35
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
527-53-7	1,2,4,5-Tetramethylbenzene	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
78-93-3	2-Butanone	1	2.0	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U

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EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 16E0003
 Client: Leggette Brashears & Graham White Plains Office Project: Deluxe
 Matrix: Water Laboratory ID: 16E0003-22 File ID: V8000913.D
 Sampled: 04/28/16 15:00 Prepared: 05/06/16 16:40 Analyzed: 05/07/16 02:35
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BE60338 Sequence: Y6E0909 Calibration: YD60037 Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
105-05-5	p-Diethylbenzene	1	0.50	U
622-96-8	p-Ethyltoluene	1	0.50	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.29	J
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	10.7	107	81 - 117	
p-Bromofluorobenzene	10.0	11.7	117	79 - 122	

* Values outside of QC limits

APPENDIX C

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



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

Field Chain-of-Custody Record

Page 2 of 3

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. 16E0003

YOUR Information		Report To:	Invoice To:	YOUR Project ID		Turn-Around Time		Report Type					
Company: <u>LBG, Inc</u>	Company: _____	Company: _____	Company: _____	<u>Deluxe</u>		☐ RUSH - Same Day		Summary Report _____					
Address: <u>White Plains, NY</u> <u>4 Westchester Park Dr</u>	Address: _____	Address: _____	Address: _____			☐ RUSH - Next Day		Summary w/ QA Summary _____					
Phone No. <u>914 694 5711</u>	Phone No. _____	Phone No. _____	Phone No. _____	Purchase Order No. _____		☐ RUSH - Two Day		CT RCP Package _____					
Contact Person: <u>Jorma Weber</u>	Attention: _____	Attention: _____	Attention: _____			☐ RUSH - Three Day		CTRCP DQA/DUE Pkg _____					
E-Mail Address: <u>Weber@LBG-NY.com</u>	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	Samples from: CT _____ NY <u>7</u> NJ _____		☒ Standard (5-7 Days)		NY ASP A Package _____					
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.				Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.	NY ASP B Package <u>X</u>	
				8260 full		TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Simple Excel _____
Samples Collected/Authorized By (Signature) <u>Mike Reiff</u> Name (printed)				624		Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	NYSDEC EQuIS _____
				STARS list		Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability	EQuIS (std) _____
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor				BTEX		Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	EZ-EDD (EQuIS) _____
				MTBE		Ketones	PAH list	App. IX	TAGM list	Site Spec.	NJDEP list	TPH 1664	Full App. IX
				TCL list		Oxygenates	TAGM list	SPL or TCLP	Total	Air TO14A	Part 360 Routine	TOX	GIS/KEY (std) _____
				TAGM list		TCLP list	CT RCP list	SPL or TCLP	Dissolved	Air TO15	Part 360 Baseinc	BTU/lb.	Other _____
				CT RCP list		524.2	TCL list	TCLP Pest	Air STARS	Part 360 Extended No Disturbance	Aquatic Tox.	York Regulatory Comparison	
				Arom. only		502.2	NJDEP list	TCLP Herb	SPL or TCLP	Air VPH	Part 360 Extended Full List	Asbestos	Excel Spreadsheet
				Halog. only		NJDEP list	App. IX	Chlordane	Air TICs	NYCDEP Sewer	TOC	Compare to the following Regs. (please fill in)	
				App. IX list		SPL or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Silica	
				8021B list		SPL or TCLP	SPL or TCLP	608 PCB	Helium	TAGM			
Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below								Container Description(s)		
3A	4/27/16 1115	GW	8260 full 1LST								3 Vials (HCL)		
3B	1125												
3C	1200												
4A	1240												
4B	1255												
4C	1335												
5A	1500												
5D	1535												
6A	4/26/16 0800												
6D	0845												
Comments	Preservation		4°C _____ Frozen _____ HCl _____ MeOH _____		HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____		Temperature on Receipt						
	Check those Applicable		ZnAc _____ Ascorbic Acid _____		Other _____		4.2 °C						
Special Instructions		Field Filtered ☐ Lab to Filter ☐		Samples Relinquished By <u>Mike Reiff</u> Date/Time <u>5/2/16 0800</u>		Samples Received By <u>Chris C</u> Date/Time <u>5-2-16 10:00</u>							
				Samples Relinquished By _____ Date/Time _____		Samples Received in LAB by _____ Date/Time _____							

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. 16E0003

<u>YOUR Information</u>		<u>Report To:</u>		<u>Invoice To:</u>		<u>YOUR Project ID</u>		<u>Turn-Around Time</u>		<u>Report Type</u>							
Company: <u>CBG, Inc</u>		Company: _____		Company: _____		Deluxe		RUSH - Same Day ☐		Summary Report _____							
Address: <u>Westchester Park Dr</u>		Address: _____		Address: _____				RUSH - Next Day ☐		Summary w/ QA Summary _____							
Phone No.: <u>White Plains, NY 10604</u>		Phone No.: <u>SAME</u>		Phone No.: <u>SAME</u>				RUSH - Two Day ☐		CT RCP Package _____							
Contact Person: <u>Jorma Weber</u>		Attention: _____		Attention: _____		Purchase Order No.		RUSH - Three Day ☐		CTRCP DQA/DUE Pkg _____							
E-Mail Address: <u>Weber@CBGNY.com</u>		E-Mail Address: _____		E-Mail Address: _____				RUSH - Four Day ☐		NY ASP A Package _____							
						Samples from: CT ____ NY <u>X</u> NJ ____		Standard(5-7 Days) ☒		NJDEP Red. Deliv. _____							
<i>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.</i>										Electronic Data Deliverables (EDD) _____							
										Simple Excel _____							
Samples Collected/Authorized By (Signature) <u>[Signature]</u> Name (printed) <u>Mike Reiff</u>		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater <u>GW - groundwater</u> DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full TICs 624 Site Spec. STARS list Nassau Co. BTEX Suffolk Co. MTBE Ketones TCL list Oxygenates TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halog. only NJDEP list App.IX list SPLP or TCLP 8021B list		Semi-Vols. 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NJDEP list App. IX TCLP BNA SPLP or TCLP		Pest/PCB/Herb. 8082 PCB 8081 Pest 8151 Herb CT RCP App. IX Site Spec. NJDEP list App. IX TCLP BNA SPLP or TCLP		Metals RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved TCLP Herb Chlordane 608 Pest 608 PCB Indiv. Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri.Poll. TCL Organics TAL Met/CN Full TCLP Full App. IX Part 360 Refine Part 360 Basefire Part 360 Extended Part 360 Condensed Full List NYC DEP Sewer NYSDEC Sewer TAGM		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica	
Sample Identification		Date/Time Sampled		Sample Matrix		Choose Analyses Needed from the Menu Above and Enter Below						Container Description(s)					
7A		4/28/16 0930		GW		8260 full list						3 VOAs (HCL)					
7D		↓ 1040		GW		↓						↓					
Trip Blank		— —		—		↓						2 VOAs					
Field Blank		— —		—		↓						↓					
Comments				Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐		4°C _____ Frozen _____ HCl _____ MeOH _____ ZnAc _____ Ascorbic Acid _____		HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ Other _____		Samples Relinquished By <u>[Signature]</u> Date/Time <u>5/2/16 0800</u> Samples Received By <u>[Signature]</u> Date/Time <u>5-2-16 10.00</u> Samples Relinquished By _____ Date/Time _____ Samples Received in LAB by <u>[Signature]</u> Date/Time <u>5/2/16 - 1450</u>		Temperature on Receipt <u>4.2 °C</u>					

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, verified on April 26, 2016
Use of On-Site Groundwater	No, site supplied with public water
Declaration of Covenants & Restrictions on Record with Onandaga County:	Yes verified on April 26, 2016
Condition of Onsite Monitor Wells:	13 monitor wells need new man holes and concrete pads

Inspected By:


(signature)

Michael Reiff
(print name)

5/2/16
(date)

APPENDIX G

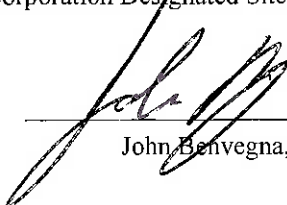
ANNUAL CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS
NYSDEC SITE #V-00339-7
FORMER DELUXE PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

October 10, 2015 through October 9, 2016

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, John Benvegna, CPG, of LBG, 4 Westchester Park 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.



John Benvegna, CPG

Date: 11/17/16